

Chapter 2

BHASHA-BHAVANA

(Institute of Languages, Literature and Culture)

Bhasha-Bhavana - Institute of Languages, Literature & Culture - has ten major language departments, one centre and three subsidiary language units functioning under its aegis. In 2014 Bhasha-Bhavana is going to move to a new independent building with a language laboratory and other state of the art facilities.

Bhasha-Bhavana offers regular courses at the undergraduate and postgraduate levels as well as M.Phil. and Ph.D. programmes in its constituent departments of languages, literature and culture. Bhasha-Bhavana also offers part-time language courses comprising two-year Certificate, one-year Diploma and one-year Advance Diploma in 17 Indian and foreign languages. They are open mainly for regular students and staff members of Visva-Bharati and for residents of the locality. One-year integrated casual courses on Indian Classics and in certain languages and literatures are offered to foreign students. The Department of Sanskrit offers a 6-month course on Manuscriptology.

Bhasha-Bhavana takes pride in its rich treasure of manuscripts in Sanskrit, Bengali, Odia, Tibetan, Arabic and Persian which are preserved in the departments concerned. Cheena Bhavana, the department of Chinese, and Hindi Bhavana, the department of Hindi, house prestigious sectional libraries, each containing around 45,000 and 35,000 books respectively. Visiting professors and scholars from all over the world regularly visit Bhasha-Bhavana where the exchange of ideas opens up new areas of research, to which significant contributions are made. Bhasha-Bhavana holds the promise of advancement towards national integration and world peace through continuous intellectual and cultural exchange.

Bhasha-Bhavana takes pleasure in announcing the initiation of an ongoing Student Exchange Programme with Yunnan University of China in 2011 realized by the pioneering efforts of Dr. Avijit Banerjee, Associate Professor of Chinese, Visva-Bharati. The first batch comprising 15 students from various departments of Visva-Bharati visited Yunnan University, China, in the summer of 2012. The exchange programme has not only continued through 2013 and 2014 with batches of students from both universities visiting each others' institutions, it has also developed into a teachers' exchange programme. A cultural team from Visva-Bharati also visited Yunnan University in 2013.

The present Principal, Professor Rameshwar Mishra, Professor of Hindi, took over the stewardship of Bhasha-Bhavana from Professor Arttaran Nayak in 2013. The Bhavana had introduced the study of Comparative Literature as a subsidiary / alternative subject in its undergraduate courses from the academic year of 2010-2011. Its proposal to establish a Department of Comparative Literature within the 12th plan period with the introduction of B.A. in Comparative Literature is resolutely on course and progressing steadily in the direction of its realization.

A Centre for Modern European Languages, Literatures and Cultural Studies (CMELLCS) under the Department of English and Other Modern European Languages (DEOMEL) has been established. As its inaugural venture, this fledgling Centre offers an undergraduate course in modern European languages, literatures and cultural histories with the scope of specializing in any one of the four modern European languages (French, German, Italian and Russian) being taught in DEOMEL since countless decades.

In February 2014, Dr. Indrani Das, Associate Professor of Italian and Dr. Sanjib Kumar Das, Associate Professor of Indo-Tibetan Studies handed over charge as Vice-Principals to their successors Shri Romit Roy, Associate Professor of German and Dr. Harekrushna Mishra, Assistant Professor of Sanskrit.

The office of Bhasha-Bhavana is ably run by the office administrative staff. Shri Soumendra Sen is Deputy Registrar of Bhasha-Bhavana and Vidya-Bhavana. Shri Ganesh Ghosh is Senior Office Assistant, Sk. Mahiuddin

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is Office Assistant, while Shri Amar Karmakar is Bhavana Record Keeper. Smt. Purnima Nag retired as Bhasha-Bhavana Peon after dedicating twenty-four years of service to Visva-Bharati. Shri Subir Goswami and Shri Ashok Das are providing service as temporary workers in the Bhasha-Bhavana office.

An assemblage of foreign languages and traditional Indian languages under one umbrella, Bhasha-Bhavana is unique as a cultural centre where the best cultural aspects of East and West meet, fulfilling the ideals formulated by Gurudev Rabindranath Tagore.

DEPARTMENT OF BENGALI

Name of the students qualified in UGC/CSIR/NET/SET/RET examinations:

NET with JRF:(6)

NET: (12)

RET: (1)

Departmental Seminars (Speakers, Title of Seminars, Date):

A. 27 Nov. 2013, Sri Anathnath Das delivered 'NripendrachandraSmarakBaktrita'.

B. 20-21 Jan.2014, TheDepartment of Bengali organized National Seminar titled 'Contemporary Trends of Indian Literature' in association with 'Bankimchandra Tulanamulak Bharatiya Sahityacharcha kendra', RBU. Prof. Pallab Sengupta, Prof. Karunasindhu Das, Prof. Sisir kumar Singha, Prof. Mukteswarnath Tiwari, Prof. Biplab Chakraborty, Prof. Soumitra Basu, Prof. KailashPattanaik, Dr. Gokul Sinha, Dr. Ramkumar Mukhopadhyay, Sri Rabisankar Bal, Dr. Ashis Khashtugiretal illuminated the seminar with erudite speeches. Prof. Sushanta Dattagupta, The Hon'ble Vice-Chancellor of Visva-Bharati inaugurated the seminar. Prof. Rameshwarprasad Mishra, Principal, Bhasha-Bhavana, VB presided over the inaugural session.

C. Jan. 2014, Father Detienna, the eminent French writer in Bengali interacted with the students and teachers of the Dept.

D. 19-21 Oct 2013, A Students' Seminar was organized by MA-Sem-III students on 'Raktakarabi'.

Extension activities/ NSS/Cultural and other activities organized by the Department and participated by the teachers and the students of the Department:Bengali

Educational tour to Bhopal-Khajuraho-Panchmari : from 31 Dec.2013 to 06 Jan 2014

Designing New Course/ Curriculum or any other teaching innovations introduced by the Department

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

The Department is preparing for SAP in near future. The Department is planning to set up a Tagore Cell in the Department of Bengali with a view of exhaustive studies on Rabindranath Tagore.

Any other relevant information

Bengali Departmental library is not empowered to purchase books and periodicals directly. These all are monitored by the Central Library of the University. Departmental library should have a minimum provision of purchasing Books, Journals and Periodicals with their priority and urgency. Moreover, the Department would like to emphasise that a permanent librarian is essential for smooth running of the Departmental library system.

Alibha Dakshi

Publication :

Book:

Bangla BhashabijnanAbhidhan, Revised 2nd edition, 2013, May, Sanskrit PustakBhandar,Kolkata 6.

Article in Journal

"Old Bengali Language: Views of Suniti Kumar Chatterji", Our Heritage, vol XL1, Parts 1 & 2, Sanskrit College, Kolkata, 25th February, 2014, pp

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Other Academic / Administrative activities:

Selected as EC member, Visva-Bharati since 01 Nov 2013

Mrinal Kanti Mandal

Conference/ Seminar/ Workshop etc.

20-21 January, 2014: National Seminar on Contemporary Trends in Indian Literature, organised by the Department of Bengali, Visva-Bharati, Santiniketan, from 20-21 January 2014; organised the seminar as convener.

Publications :

Articles in Journals

Magic Realism: Ekti Onusandhan, Samasamayik Bangla, 2nd year, Vol-9, April-2103, ed. Sayandeb Bandyopadhyay, Kolkata, 2013: ISSN - 2348-5655.

Diner Seshe Santiniketane Shakti, Samasamayik Bangla, 3rd year, Vol-3, November-2103, ed. Sayandeb Bandyopadhyay, Kolkata, 2013: ISSN - 2348-5655.

Other Academic / Administrative activities:

Member of the Board of Post graduate Studies in Bengali of Burdwan University.

Member of the Board of Undergraduate Studies in Bengali of University of Kalyani.

Member of the Board of Research Studies in Bengali Department of The University of Gourbanga .

Amalkumar Pal

Conference/ Seminar/ Workshop etc.

18 November 2013 National Seminar on Rathindranath Tagore, organized by Siksha-Satra, Visva-Bharati, from 18-19 November 2013, presented a paper on 'Sahityik Rathindranath Thakur'.

27 December 2013 National-level conference - 86th All India Bengali Literary Conference, organized by Nikhil Bharat Bangya Sahitya Sammelan, Allahabad, from 25-27 December 2013, chaired a session on Bengali Juvenile Literature.

5 March 2014 International Seminar on Bengali Drama, organized by the Department of Bengali, Rabindra Bharati University, from 4-5 March 2014, chaired a session on Bengali Drama.

Publication :

Book

Prabandha Sangraha: Asokbijay Raha, Ed by Amalkumar Pal, Kolkata: Visva-Bharati Granthavibaga, 2013, ISBN: 978-81-7522-569-5

Articles in Journals

Sundarbane Satbatsar: Rachana O Rachaiya, Antarjatik Pathsala, Ed by Amit Roy, Vol II : Issue IV July-September 2013, ISSN: 22309554

Rabindracharya Prasanta Chandra Mahalanobis Tagore, Bose and Mahalanobis: Confluence of Minds, Ed Parul Chakraborty, Indrani Bose, Kabita Mondal, Kolkata, Sir J.C. Bose Trust, November 2013

Aparna Roy

Conference/Seminar/Workshop etc.

National :

26-27 November, 2013: UGC sponsored National Seminar as on 'Moukhik Parampara O Bangla Sahitya', organized by Dept. of Bengali, Serampore College & Gour Mahavidyalaya. Chaired a session.

Publications :

Articles as Book Chapter

Janmasardhashatobarshe Kabi Binodini O Samosamayik Meyeder Lekhalikhi, Itihas Anusandhan (29th Annual Conference Proceedings of Paschim Bangal Itihas Samsad), Volume: XXVIII; Year of Journal/Volume: January 2014. ISBN No.: 978-81-910874-4-4

Published Paper in Peer Reviewed Journal/Volume

'Srichaitanya :Ekaler Bhavana','Srichaitanyer Bhakti AndolanSutreNarirSwatikraman', 'Srichaitanyer Bhakti Andolan Sutre Narir Swatikraman', January, 2014.ISBN: 978-93-83590-27-8

Agamani-Bijay, a Sangite Devi Durga, October, 2013,'Pragati' Patrika,October, 2013

RamayaneDampatyasamparkaEbong Sri Ramchandra, April, 2013

'Aranika' Patrika (Published from Kumilla, Bangladesh,April, 2013

KabiBinodini"Autumn Annual' (A Journal of Presidency College Alumni Association), December 2013.

Sumita Bhattacharyya

Publication:

Article in Book chapter

Attamasamahito Vivekananda: EktiMulyayan, Swami Vivekanda Kale Kalottore, BiplabChakraborty Ed.(ISBN : 978-93-82663-11-9), Oct. 2013

Manabendranath Saha

Conference/ Seminar/ Workshop etc.

21 January 2014 : National-level Seminar onContemporaryTrends in IndianLiterature ,organized by the Department of Bengali , Visva-Bharati in association with Bankim Chandra Centre, RBU, from 20-21 January 2014, Chaired a session. Feb. 2014 : Bengali Theatre and Women,organized by Women's Study Centre, Visva-Bharati. Presented a paper.

Others:

18 April 2013 :Book reading : Past and present,Participated as invitee in thediscussion organized by B.S.S.H, Jiaganj,Murshidabad.

29-30 June 2013 : 'Osama' and 'YOL', delivered lecture as guest speaker in the Cine Festival organizedin Jamshedpur, Jharkhanda.

28 June 2013: 100 years in Indian Film, organized by Bhowanipur Film Society, Kolkata.Participated as invitee.

7 Feb 2014: 100 years in Indian Film, organized by PlassyUtsav, Nadia.Participated as invitee.

11-17 Nov 2013: 19thKolkata International Film Festival. Participated as a guest delegate.

24 Dec. 2013 :Women in Cinema,Participated as a Panellist in the panel discussion organized by Women's Study Centre, Visva-Bharati.

Publication :

Literature: Screenplay:Cinema , Jalshire (ISSN: 2249-7447) ,Assam, Oct 2013

"Rituparna's 'Unishe April'", Sahitya Deshkal (ISSN:230012x), Oct 2013

"Rabindranath and Samar Sen: Friendship and Individuality", Rabindra-Biksha (vol.54)Aug 2013

"History of screenplay and Bengali screenplay", Celluloid Life, Bhawanipore Film Society journal, Oct 2013

"Screenplay of Tagore's Literature", Khoai (ISSN:2319-8389), Dec 2013

"Samik's thoughts on cinema", Abar Esehhi Fire (ISSN: 2319-4693), May 2013

"Satyajit Ray's thoughts on music", Chhapakhanar Gali, Dec 2013

Nirmal Kumar Mandal

Publication :

Book:

DharmamangalKavya o RarherLokojibon, BoiKarigar, Kolkata, Dec 2013

Other Academic / Administrative activities:

Attended four BoS (UG) meeting at GourBanga University as external expert.

Invited as External expert at Vidyasagar University, Midnapore for MA-Sem-IV Exam.

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Atanu Sasmal

Apr 23-24, 2013: National-level seminar on 'Bangla Sahitya O Rabindranath', organized by Biswa Bangla Sahitya O SanskritiSammelon (Ranchi Shakha) Ranchi, Jharkhand, from April 23-24, 2013: Read two papers on (i) 'Chhotogalpobisaye Rabindranath' and (ii) 'Chanda-154 No.Pandulipirantimpatardutilekha'.

Jan. 20-21, 2014: National-level seminar on 'Contemporary Trends in Indian Literature' organized by Dept. of Bengali, Visva-Bharati, in association with Bankim Chandra Centre, R.B.U. from 20-21 Jan. 2014: Chaired a session.

Feb. 25-26 2014: National-level seminar on 'The Impact of Tribal Culture on Indian Literature' organized by the Dept. of Odia,Visva-Bharati, Santiniketan, from 25-26 Feb. 2014; read a paper on 'AranyakUponyaserPurbobarti Bangla SahityeAdibasi Jiban O Sanskriti'.

Mar. 25-26, 2014: National-level seminar on 'Santal Culture and their Philosophy And Religion' organized by the Dept. of Philosophy and Religion, Visva-Bharati And the Anthropological survey of India, Kolkata, from 25-26 Mar. 2014: participated.

Publication:

KshuditoPashan O Durasha, Araisdha, dwitiosankhya 2013, MuktiJodhya ,Jiaur Rahaman Hall; 313, Dhaka Viswabidyalaya, Dhaka-1000; Bangladesh.

Rabindranather 'Paraborti' ParyaerTintiGalpoBisaye du-ektikath, Khoai, sankhya 19: Dipaboli 1420; Santiniketan; ISSN 2319-8389

RabindranatherAgraborti O ParobortiGalpoEbongHaimonti, Khoai, sankhya 20: 7 Poush 1420; Santiniketan; ISSN 2319-8389

Rita Modak

Conference/ Seminar/ Workshop etc.

30September-01October, 2013: UGC Sponsored national Level Seminar on SWARER VINNAT: Madhusudan- Adhunik O Uttar Adhunik Kale TnarPrasangikata as Resource Person Organized by the Department of Bengali, Sonamukhi College.

20-21January2014: Chaired in a session in the National Seminar on CONTEMPORARY TRENDS IN INDIAN LITERATURE Organized by Department of Bengali, VISVA-BHARATI.

Others

10 April 2013: As Resource Person for Special Lecture on Short Stories. Organized by KATHA (Rail KarmachariderPatrika)

Escorted students to educational tour from 1 Dec '13 to 06 Jan '140

Publication:

Book

BishSatoker Bangla PrabandhoCharya Ed. By Rita Modak with UtpalMandal, BangiyaSahityaSansad, Kolkata, 2014, ISBN: 9789383590407

Articles in Journals

Kathasahityik Sulekha Sanyal: ShilpaVabnar Shilpitarup: Rita Modak with Manikuntala Basu, Quttim, Vol.1 no.2, November, 2013, ISSN 2321-9696

Articles in Book Chapters

"NaxalAndalan o Bangla Kathasahitya" Prabandha Sanchayan 2nd part Ed. Dr. Satyabati Giri And Dr. Samaresh Majumder, Ratnabali, Kolkata, July, 2013(3rdsanskaran), ISBN: 978-93-81329-11-5

Manabendra Mukhopadhyay**Conference/ Seminar/ Workshop etc.**

23 March 2014: International Conference on Interactions: Tagore and other global/local personalities, organized by Rabindra Bhavana, Visva-Bharati, Santiniketan, from 21-24 March 2014, made a presentation on "Rabindranath and Ramananda Chattopadhyay".

7 May 2013 : National-level Seminar on Sardhashatabarshe Dwijendralal Roy, organized by the Department of Bengali, Sidhu- Kanu- Birsha University, Purulia, from 7-8 May 2013; read a paper on 'Oupanibeshik prekshit : Amla Dwijendralal o Dwijendra-Sahitya'. Also chaired a session.

21 January 2014 : National-level Seminar on Contemporary Trends in Indian Literature, organized by the Department of Bengali, Visva-Bharati in association with Bankim Chandra Centre, RBU, from 20-21 January 2014. Chaired a session.

Others:

23 February 2014 : Orientation Programme on Tagore Studies, organized by Tagore Studies Unit, Rabindra Bhavana, Visva-Bharati, held on 23 February and 15 March 2014, Delivered lecture on 'Tagore's Poetry'.

03 April 2013 : Bangla Bidya-Charcha Samprotik : Samyosya o Sambhabana, One day seminar organized by Panchur College, Kolkata. Delivered lecture as Resource Person.

02 October 2013: Gandhijayanti, organized by Pashchimbanga Ganatantrik Sikshak Samity (Madhyamik), Murshidabad Zilla Committee. Delivered lecture on 'Pashchimbanga Madhyamik Sikshar Bartaman : Samasya o Sambhabana' as Guest speaker.

24 Dec. 2013 : Women in Cinema, Participated as a Panellist in the panel discussion organized by Women's Study Centre, Visva-Bharati.

12 January 2014 : Celebration of Swami Vivekananda's Birthday, organized by Nivedita Sishu-Siksha Vidyaniketan, Saktipur, Murshidabad, Delivered lecture as chief guest.

13 January 2014 : Celebration of Swami Vivekananda's Birthday, organized by Janakalyan Trust Society, Bolpur, Delivered lecture as a panellist.

18 January 2014 : Inaugurated the Annual Cultural Programme organized by Anuvab Art School, Bolpur. Delivered inaugural lecture.

3 February 2014 : Observation of Vivekananda-Netaji Jayanti, organized by Gnatrantik Bangali Yuva Morcha, Bijni (BTC), Assam, Delivered lecture as chief speaker on 'Vivekananda's spiritual legacy in the political discourse of Netaji Subhas'.

14 February 2014 : Sardhashatabarshe Ramendrasundar Trivedi, organized by Book Fair Committee, Baharampur, Murshidabad, from 12-20 February 2014, Delivered lecture as Chief speaker titled 'Prajnani Ramendrasundar'.

21 February 2014: Bhashasahid Dibas, organized by Sabujayan, Arambag, Hoogly. Delivered lecture as Chief guest on 'Bangla Bhashar Ghataman Bartaman : Samasya o Sambhabana'.

23 March 2014: 2025-er Banglar Paribesh Kon Pathe?, Jointly organized by Akhil Bharat Bhuviddya o Paribesh Samity, Santiniketan and Geographical Society of West Bengal, Alipurduar, Jalpaiguri. Took part as panellist in a discussion.

21 July 2013: Santiniketan the kesheshjatray Rabindranath, A panel discussion produced and telecast by DD-BANGLA on the last journey of Rabindranath from Santiniketan. Participated as guest panellist.

17 November 2013: Rabindranath Nobel praptir satabarsha, A panel discussion produced and telecast by DD-BANGLA on the Centenary year of Nobel award to Rabindranath Tagore. Participated as guest panellist.

Publication :**Articles in Journals :**

"Oupanibeshik Prekshit: Amla Dwijendralal o Dwijendra-Sahitya", Antarmukh (ISSN: 2249-3751), April-June 2013

"Ekti Boier Kramik Pathadukhkh", Ebong Mushayera (0976-9307), April-June, 2013

"Akhyan-Bhubane Bahumatrik Auto-parikrama", Charcha (ISSN: 232191), Aug 2013

"Gitanjalir Binyas", Visva-Bharati Patrika, July-Sept. 2013

"Rabindra-Pandulipir Romancha", Abakash (ISSN: 2320-5385) Bishesh Sahitya Samkhyā 2013

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'Kei-ba Se "Jan" ar kise tar "Ranjan"', Charvaka (ISSN: 2319-3697), Bhadra-Agrahayan ,1420 BS

Articles in Book Chapters:

"Manabi Chetanar Pratyay", Kuri-Ekusher Shataker Nari Oupyonyasik Ed. Amitrasudan Bhattacharya, Ashadeep, Boimela 2014 .ISBN :978-93-81245-36-1

"Atmabhoj"-er Kabita :Komol Rishava Ashavari, Manibhushan Ed. By SunandaAdhikary, Korok ,January 2014

Other Academic/Administrative Activities:

Member of the Editorial Board, TheVisva-Bharati Quarterly since 2013

Nominated as Reviewer of a peer Review Journal The Prism (ISSN : 2229-7537) published from MG College, Lalpur, Purulia

Biswajit Ray

Conference/ Seminar/ Workshop etc.

16 February 2014:International UGC-DRS conference on Beyond 'Gitanjali': Tagore, Poetry and Poetics, organized by the Department of English & OMEL, Visva-Bharati, Santiniketan, from 14-16 February 2014; made a presentation on 'Rabindranath on His Own Poems'.

16 September 2013: National-level UGC sponsored conference on Relevance of Swami Vivekananda in Today's World, organized by NabaBallyungeMahavidyalaya in collaboration with Basundhara Institute of Social Welfare and Awareness, on 16 September 2013, made a presentation on 'Philosophical Thoughts of Swami Vivekananda'.

19 November 2013:National-level conference on Rathindranath Tagore, organized by SikshaSatra, Visva-Bharati, from 18-19 November 2013, chaired a session.

26 November 2013: National-level conference on Swami Vivekananda, organized by SahityaAkademi and Ramkrishna Mission Institute of Culture, from 25-26 November 2013, made a presentation on 'Swami Vivekananda's Literary Contribution'.

28 November 2013: National-level UGC sponsored conference on Swami Vivekananda: Role Model of Modern India, organized by Raghunathpur College, from 27-28 November 2013, made a presentation on 'Swami Vivekananda on Nation and Nationality'.

21 January 2014: National-level seminar on Contemporary Trends in Indian Literature, organized by the Department of Bengali, Visva-Bharati in association with the Bankimchandra Centre RBU, from 20-21 January 2014, chaired a session.

Others

11 September 2013:Chicago Day Celebration, organized by Ramkrishna Mission Residential College (Autonomous) Narendrapur, delivered a lecture on 'Religious Thoughts of Swami Vivekananda'

14 March 2014 A programme was held to celebrate Swami Vivekananda's Return to Calcutta, organized byRamakrishna Mission Swami Vivekananda's Ancestral House & Cultural Centre, delivered a lecture on 'Vivekananda's Calcutta Address'.

22 March 2014:State-level seminar on Swami Vivekananda, organized by BangiyaSahityaParishad in association with the Government of West Bengal, delivered a lecture on 'Bengali Writings of Swami Vivekananda'

PUBLICATIONS

Book

Swami Vivekanandaer Bangla RachanaSangkalan, Ed Biswajit Ray, Kolkata, Paschimbanga Bangla Academy, Second Revised & Enlarged Edition, 2014, ISBN:978-81-7751-221-2

Articles in Journals

"Nirobatar Birudhe", Bitarkika, Vol II, October 2013, ISSN: 2321-855X

Nijeri Mudradose O Abhimane Swatantra, Desh, Special Number, 2 February 2014

Articles in Book Chapters

Revisiting Rabindranath's Santiniketan School: Demystifying Popular Perception, Contemporarising Tagore and the World, Ed. Intiaz Ahmed, MuchkundDubey and VeenaSikri, Dhaka, The University Press Limited, 2013: 201-210 ,

ISBN:978 984 506 118 6

Milan Kanti Biswas

Conference/ Seminar/ Workshop etc.

5 March 2014: International Conference on Bangla Natak: Oitihya o Adhunikata, paper presented with a title 'RabindraNatak o LokayataOitihya' at RabindraBharati University.

25 September 2013: National-level Conference on Nanaranger Rabindranath, organized by HiralalBhakat College, from 24-25 September 2013, presented a paper on 'RabindranatherChelebhulanoChara: EktiBhasatatwikBishleshan'

21 January 2014: National-level seminar on Contemporary Trends in Indian Literature, organized by the Department of Bengali, Visva-Bharati, chaired a session

Publication

Book

PrasangaLoksanskriti, Bangiyasahityasangsad,Kolkata, Jan 2014. ISBN : 978-93-83590-06-3

AdwaitaMallabarman o BanglarLok-Sanskriti,Bangiyasahityasangsad,Kolkata, Jan 2014. ISBN: 978-93-83590-11-7

Article

"Rupdaksha Kabi Mukunda Chakraborty", Khoai, vol.19, Nov 2013. ISSN:

"Janmasatabarshe Adwoita Mallabarman", Bhasman-12, Jan 2014

DEPARTMENT OF ENGLISH & OTHER MODERN EUROPEAN LANGUAGES

Name of students qualified in UGC/CSIR/NET/SLET/and GATE Examinations

Abu Farah Haque, Saidul Haque, Suprodipta Mondal

DEPARTMENTAL SEMINAR (Speakers, Title of the Seminar, Date)

a) Two-day National Workshop on Translation "Stories for Children and Young Adults" held on 17 and 18 of January, 2014. Workshop Directors: Saurav Dasthakar & Dipankar Roy

Names of Participants:

Prof. Rimli Bhattacharya, Prof. Amlan Dasgupta, Prof. Udaya Narayana Singh, Prof. Somdatta Mandal, Dr. Abhijit Gupta, Dr. Sayantan Dasgupta, Amrita Dhar, Sudev P. Basu, Suddhasatwa Banerjee, Dr. Angshuman Kar, Prof. Amrit Sen, Debmalaya Das, Sudeshna Majumdar, Romit Roy, Prof. Aveek Majumdar, Tathagata Banerjee, Shaona Barik, Debayan Deb Burman, Prof. Sukla Basu (Sen), Chandrima Das, Dr. Ananya Dutta Gupta, Pritam Bandyopadhyay, Prof. Indrani Das, Suparna Sarkar, Prof. Debarati Bandyopadhyay, Gargi Gangopadhyay, Chinmoy Roy, Anup Roy, Jitamanyu Das, S. Siddharth, Sumanta Gangopadhyay, Ritam Sadhu, Himadri Shekhar Dutta, Deeya Bandyopadhyay, Shromona Das, Parantap Chakraborty, Anindita Chongdar,

b) DRS (SAP) Programme: Three day International Seminar on "Beyond Gitanjali: Tagore, Poetry and Poetics" held from 16-18 February, 2014. Coordinators: Sukla Basu Sen & Ananya Dutta Gupta

Names of Participants:

Prof. Samik Bandyopadhyay, Prof. Tapati Mukherjee, Prof. Alokeranjan Dasgupta (in absentia), Prof. Fakrul Alam, Prof. Manzoorul Islam, Dr. Tinni Dutta, Prof. Sutapa Bhattacharya, Hriya Banerjee, Suddhasattwa Banerjee, Romit Roy, Prof. Abhijit Sen, Prof. Karunasindhu Das, Dr. Sushobhan Adhikari, Prof. Sharmila Roy Pommot, Prof. Amrit Sen, Prof. Soumya Chakravarti, Prof. Ramkumar Mukhopadhyay, Spandana Bhowmick, Dibyajyoti Ghosh, Purbasha Auddy, Debapriya Basu, Prof. Blanka Knotkova, Prof. Debarati Bandyopadhyay, Anirban Guha Thakurta, Partha Ganguly, Prof. T. Bharathi, Dr. Mahuya Bhowmik, Prof. Anathnath Das, Dr. Bratindranath Chattopadhyay Dr. Biswajit Ray, Dr. Swati Ganguly, Dr. Piku Chowdhury

Students/Research Scholars

Madhumita Roy, Ritushree Sengupta, Rishiraj Pal, Rishiraj Ghosh, Rikdeb Bhattacharya, Saidul Haque and Sarani Roy, Krishanu Mukherjee, Jitamanyu Das & Himadri Shekhar Dutta, Subham Dutta, Anindita Chongdar, Sumanta Gangopadhyay, Abu Farah Hoque

National & International Seminar/Conference/Etc.

Abhijit Sen

14 February 2014: International UGC-DRS conference on Beyond 'Gitanjali': Tagore, Poetry and Poetics, organized by the Department of English & OMEL, Visva-Bharati, Santiniketan, from 14-16 February 2014; made a presentation on 'Reciting Rabindranath's Poems'.

28 March 2014: National-level conference on Alternate Cultures, Alternate Literatures: De-/Reconstructing the Canon, organized by the Department of English, Vidyasagar University, Medinipur, from 27-28 March 2014; read a paper on 'The Jesus-story: from the Margins of History to the Centre of Faith'.

31 March 2014: Colloquium on The World of Tagore's Drama: Political and Social Concerns, organized by the Department of English, West Bengal State University, Barasat; invited to make a presentation on 'Rabindranath, Nation, Theatre'.

Others:**Academic memberships of other universities/institutions:**

- i. External member of Board of Studies, Department of English, Presidency University.
- ii. External member of U.G. Board of Studies in English, Calcutta University.
- iii. External member of Departmental Research Committee, Department of English, Kalyani University, Kalyani.
- iv. External member of Departmental Research Committee, Department of English, Vidyasagar University, Medinipur.
- v. External member of Departmental Research Committee, Department of English, West Bengal State University, Barasat.
- vi. External member of Board of Studies, Ramakrishna Mission College (Autonomous), Narendrapur.

Amrit Sen

12-13 September 2013. UGC Sponsored National seminar on "Revisiting the Late 19th Century in English Literature" organized by the Department of English, Hiralal Bhakat College and Centre for Victorian Studies, Jadavpur University. Title of the Paper: "Reclaiming Science: A.P.C. Ray and Hindu Chemistry." Also Chaired a Session.

18-19 November 2013. National Seminar on "Rathindranath Tagore: An Introspective and Solitary Personality with Keen Artistic Perception" organized by Siksha-Satra, Visva-Bharati. Title of the Paper: "The Choice of Language: Rathindranath Tagore's English Writings."

8-10 February 2014. International Seminar on "Partition Literature: Memory and Inheritance of Self". Organized by Netaji Subhas Open University. Title of the Paper: "Post-Partition Identities: The Case of Mohun Baganer Meye."

25-26 July 2013. UGC Sponsored National Seminar on "Outside the British Canon: Reading Literature from Former European Colonies" organized by the Department of English, Barjora College, West Bengal and Indian Association for Study of Australia, Eastern Region, Kolkata. Title of the Paper: "The Disabled and the Animal: Categories of Marginality in the Fiction of J.M. Coetzee." Also chaired a Session.

24-25 October 2013. International Seminar on "Early English Textbooks and Language Policies in India" organized by UGC-DSA Programme, Department of English and the Centre for English Studies, University of Hyderabad. Title of the Paper: "The Poet's Pedagogy: Rabindranath Tagore's English Primers."

16-18 January 2014. UGC Sponsored National Level Translation Workshop on "Stories for Children and Young Adults" organized by the Department of English and Other Modern European Languages, Visva-Bharati, Santiniketan. Translated two Bangla stories into English.

18-19 January 2014. International Conference on "Crony Journalism: Redefining Journalistic Practices" organized by Centre for Journalism and Mass Communication, Visva-Bharati and Indian Council of Social Science Research, New Delhi. Title of the Paper: "The Rise of Print Culture."

14-16 February 2014. UGC Sponsored International Conference on "Beyond Gitanjali: Tagore, Poetry and Poetics" organized by the Department of English and Other Modern European Languages, Visva-Bharati, Santiniketan. Title of the Paper: "Of Places and Poems: Rabindranath Tagore and the Poetry of Travel." Also chaired an Academic Session.

21-24 March 2014. International Conference on "Interactions: Tagore and Local/Global Personalities" organised by Rabindra-Bhavana Visva-Bharati. Title of the Paper: "Meandering Paths: Tagore and W.B. Yeats".

Invited Lectures / Talks as a Resource Person:

24 July 2013. 4th Refresher Course in English on "Multiculturalism" (23 July-12 August organized by the UGC Academic Staff College, University of Burdwan. Two lectures delivered

(i) "Multiculturalism, Cosmopolitanism and Rabindranath Tagore"

(ii) "Multiculturalism, Cosmopolitanism and Space: The Case of Rabindranath Tagore"

07 September 2013. Workshop on English Writing Skill and Secretarial Practice (05-11 September 2013). Organized by the UGC Academic Staff College, University of Burdwan. Two lectures delivered (i) "The Art of Business Letters"

(ii) "Effective Office Communication Skills"

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December 2013. 9th Refresher Course in Comparative Literature (04-24 December 2013). Organized by the UGC Academic Staff College, University of Burdwan. Two lectures delivered-

- (i) "Living Crusoe: Identity and Representation in Three Robinsonades"
- (ii) "Identities and National Anthems: The Case of Rabindranath Tagore"

09 January 2014. 93rd Orientation Programme. Organized by the UGC Academic Staff College, University of Burdwan. Two lectures delivered

- (i) "The Pedagogical Framework of the Higher Education Level" (ii) "Challenges of Higher Education"

12 March 2014. Orientation Programme on Rabindranath and Santiniketan. Organized by Rabindra-Bhavana, Visva-Bharati. Lecture delivered on "Tagore and Travel"

Ananya Datta Gupta

2-9 September, 2013. Participated in International Translation Autumn School, Centre of Advanced Study in Comparative Literature, Jadavpur University in collaboration with British Centre for Literary Translation, University of East Anglia & the Writing And Society Research Centre, University of Western Sydney.

16-18 January 2014. Participated in Stories for Children and Young Adults - UGC-sponsored National Level Workshop on translation, Department of English & Other Modern European Languages, Visva-Bharati.

14-17 February 2014. Beyond Gitanjali: Tagore, Poetry and Poetics, UGC-DRS (SAP) International Conference, Department of English & OMEL, Visva-Bharati, Convenor.

19-22 February 2014. Participated in Workshop on Translating Tagore's Writings on Christ, Centre for Translation of Indian Literatures (CENTIL), Jadavpur University & Rabindra-Bhavana, Visva-Bharati.

25-27 February 2014. War and Words and the World: Representing the Great War, International Seminar, Centre of Advanced Study, Department of English, Jadavpur University, Presented paper "War and Children's Literature: The Case of Girindrasekhar Basu's Lal-Kalo".

28 February 2014. Flora and Fauna in Shakespeare, National Seminar, Shakespeare Society of India, New Delhi. Presented paper "The Configuration of Nature in the Shakespearean Discourse of War and Peace".

Others

Awarded Ph.D. degree on 8 January 2014 by Jadavpur University for dissertation titled "God's Ordinance or Vanquishers' Fury: The Discourse of War and Sieges in Renaissance English Literature".

Appointed Guest Faculty, Department of English, University of Calcutta.

Aruna Mukherjee

30 September -1October, 2013. Regional Seminar on "Indian Philosophy, its legacy as seen through Tolstoy Literature" organised by the Dept. of Languages, University of Calcutta in association with Cultural Department of Russian Consulate in Kolkata. Participated and presented a paper "Compatibility in thought and ideas of Tagore and Tolstoy" on 1October, 2013.

21 - 24 March, 2014. International Seminar on "Interactions: Rabindranath Tagore and local /Global Personalities" organised by Rabindra-Bhavana, Visva Bharati. Chaired the Session III on March 23, 2014.

Debarati Bandyopadhyay

12-13 September 2013. UGC-sponsored National Seminar on "Revisiting the Late Nineteenth Century in English Literature" jointly organized by Department of English, Hiralal Bhakat College, Nalhati, Birbhum and Centre for Victorian Studies, Jadavpur University. Presented paper: "Flatland: A Critique of the Nineteenth Century British Society."

5-6 December 2013. International Conference on "Translation: Theory and Praxis/ Shakespeare: Performance, Adaptation and Impact/ Comparative Literature: Regional, National and Global" organized by Shakespeare Society of Eastern India and Tagore Gandhi Institute of Cultural Studies and Service-Learning and Surendranath College for Women, Kolkata. Presented paper: "Greek Myths, Homer's Epics and The Penelopiad: A Comparative Study."

16-18 January 2014. UGC-sponsored National level Workshop on Stories for Children and Young Adults organized by

Department of English and Other Modern European Languages, Visva-Bharati. Translated "Montur Master" and "Bhondor Bahadur."

14-16 February 2014. UGC-sponsored International Conference on "Beyond Gitanjali: Tagore, Poetry and Poetics" organized by DRS of Department of English and Other Modern European Languages, Visva-Bharati. Presented paper: "Tagore's Ecological Concern: Poems of the Late Phase"

Dipankar Roy

12-13 September 2013. UGC-Sponsored National Level seminar "Revisiting the Late 19th Century in English Literature", jointly organized by Department of English, Hiralal Bhakat College, Nalhati, Birbhum & Centre for Victorian Studies, Jadavpur University, Kolkata,. Presented paper "The Modern Bengali Self Caught between Two Worlds: A Study of Select Stories of Tagore".

Other Information:

Awarded the 'Doctor of Philosophy' by Jadavpur University, Kolkata on 24th December 2013.

Jointly coordinated with Dr. Saurav Dasthakur a Three-day National Level Translation Workshop at DEOMEL, Visva-Bharati, 16 -18 January 2014

Goutam Ghosal

3 April 2013. Presented a paper entitled "The Ascent of Sacrifice: The Last Chapter of A Tale of Two Cities" at Karim City College, Jamshedpur, and Chaired a session in a National Seminar.

4 July 2013. Two Refresher course lectures on 'Shakespeare and Sri Aurobindo' at the Academic Staff College, Pt. Ravishanker Shukla University, Raipur.

29 August 2013. Lecture on 'Dilip Kumar Roy: the Singer and His Credo', in a seminar on Rabindranath and His Contemporary Lyricists, organized by Sangeet Bhavana, Visva-Bharati.

12 September, 2013. Lecture on 'Vivekananda: Poetry and Liberation' in a national Seminar at the Dept of Philosophy, M.U.C. Women's College, Burdwan.

6 December 2013. Presented a paper on 'Sri Aurobindo on Cleopatra' at an International Conference organized by Shakespeare Society of Eastern India, Kolkata, and chaired a session.

Indrani Das

16-18 January 2014. Participated in a UGC sponsored National level Translation Workshop on "Stories for Children & Young Adults" organized by the D.E.O.M.E.L., VB.

Collaborated in a Joint Project of Translation with Rabindra Bharati University, Kolkata & L'Oriente, University of Naples, Italy, partially translating Prison Notebooks no.25 of Antonio Gramsci, from Italian into Bengali.

Nilanjana Bhattacharya

19 - 22 February 2014: Participated in a translation workshop organized jointly by Visva-Bharati and CENTIL, Jadavpur University.

28 November to 18 December 18, 2013. Attended a Refresher Course on 'Popular Culture: Theory and Politics' organized by the Academic Staff College, Jadavpur University and Dept. of Bengali.

26- 28 September, 2013. Participated in a short term course on Basic Skills of Counseling at ASC, Jadavpur University.

Romit Roy

16-18 January 2014: UGC-sponsored national level translation workshop "Stories for Children and Young Adults", Department of English and Other Modern European Languages, Visva-Bharati, Santiniketan. Collaborative translation of Bibhutibhushan Bandyopadhyaya's story Pui Macha into English.

14-16 February 2014: UGC-DRS International Conference "Beyond Gitanjali: Tagore, Poetry and Poetics", Department of English and Other Modern European Languages, Visva-Bharati, Santiniketan. Title of paper: "The Political Philosophy of Rabindrasangeet".

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Invited Lectures, Workshops

30 November 2013: Refresher Course on "Janapriya Sanskriti: Tatva o Rajniti", Bengali Department, Jadavpur University and the UGC - Academic Staff College, Jadavpur University, Kolkata: Title of lecture: "Sanskriti, Janapriyata o Janapriya Sanskriti: Frankfurt School o tarpor".

7 February 2014: Invitation to conduct a workshop on "Literary Representations of Urban spaces" for students. National Conference on "Urban Spaces 2014", Department of Humanities and Social Sciences, Indian Institute of Technology Madras, Chennai, 6-7 February 2014.

23 March 2014: Invitation to speak at a panel discussion "Tagore Meets Einstein", hosted by Heidelberg Center South Asia (New Delhi office of the University of Heidelberg, Germany), a consortium member of Deutsches Wissenschafts- und Innovationshaus (DWIH) at Science City Kolkata, a part of "Excellence on Tour" organized by DWIH from 22 to 28 March 2014, Science City Kolkata.

Others

23-25 March 2014: Organized a tour for 21 students of Visva-Bharati for participating in "Excellence on Tour", organized by Deutsches Wissenschafts- und Innovationshaus (DWIH, a consortium of German universities and agencies promoting studies and research) at Science City Kolkata. Students' tour sponsored by Heidelberg Centre South Asia (New Delhi office of the University of Heidelberg, Germany).

Saurav Dasthakur

12-13 September 2013. UGC-sponsored National Seminar on "Revisiting the Late 19th Century in English Literature" jointly organised by the Department of English, Hiralal Bhakat College and Centre for Victorian Studies, Jadavpur University. Title of paper "Two Alice novels and Imperialism."

07-09 November 2013. International Seminar on "Cultures of Memory: Mnemocultural Praxis in South, Southeast and other Asian Countries" jointly organised by EFLU, Shillong, CIIL Mysore, ICSSR Delhi and Moulana Abul Kalam Azad Institute of Asian Studies, Kolkata. Presented paper titled "On memory, storytelling and 'historytelling': Notes on Raja Rao's Kanthapura."

7-10 January 2014. 4-day Workshop on "The Moving Image: Films and Visual Culture" organised by the Department of English, Kalyani University. Participated and presented paper titled "To respect or not to respect the 'other': Two nature-documentaries."

16-18 January, 2014. Coordinated 3-day National Level Translation Workshop on "Stories for Children and Young Adults" organised by DEOMEL, Visva-Bharati.

Others

13 August, 2013. Delivered an invited lecture on "Exploring Modernism in English Literature" at the Department of English, Hiralal Bhakat College, Birbhum.

09 February, 09 March and 23 March, 2014. Delivered series of lectures under Personal Contact Programme at Birbhum Mahavidyalaya (09.02.14) and Rampurhat College (09.03.14 & 23.03.14).

Shaona Barik

16 -18 January 2014: Participated as a translator-participant at the UGC Sponsored National Translation Workshop on Translating Bangla Children's Literature into English, Stories for Children and Young Adults organised by the Department of English & Other Modern European Languages, Visva-Bharati, Santiniketan. Translated two Bangla short stories into English.

Soma Mukherjee

18-24 July 2013. Presented paper 'Ramifications of the Ramayana in India, Indonesia and Thailand: A Comparative Study' in the ICLA International Conference titled "Comparative Literature as a Critical Approach", organized by International Comparative Literature Association (ICLA) in Paris

2-9 September 2013. Participated in an International Autumn Translation School organized by The Centre of Advanced

Study in Comparative Literature (Phase 2), Jadavpur University, and the Centre for Translation of Indian Literatures (CENTIL), Jadavpur University, in collaboration with the British Centre for Literary Translation (BCLT) of the University of East Anglia, and the Writing and Society Research Centre of the University of Western Sydney, Australia in Jadavpur University, Kolkata.

19-22 February 2014. Participated in a Translation Workshop on 'Rabindranath Tagore's Writings on Jesus Christ' organized by Centre for Translation of Indian Literatures, Jadavpur University in collaboration with Rabindra-Bhavana, Visva-Bharati in Jadavpur University.

24 - 26 February 2014. Presented paper 'Comparative Literature and the idea of Genology: An Analysis' at the International Conference titled 'Comparatism and the Idea/Function of the Genre' organized by The Department of Foreign Languages, University of Pune and DAAD.

12-13 March, 2014. Presented paper 'Politics of Language and Education: Revisiting Ngugi's Decolonizing the Mind' in the National Seminar titled 'Culture, Identity and Performance: Africa and Beyond' organized by the Centre for Studies in African Literatures and Cultures, Jadavpur University, Kolkata.

Others:

20 January - 11 February, 2014. Attended Winter School /Refresher Course titled 'Comparative Literature Today' organized by Dept of Comparative Literature and Academic Staff College, Jadavpur University in Jadavpur University, Kolkata.

Somdatta Mandal

01-03 June 2013. International Conference on "Literature to Cinema: Adaptation, Appropriation, Adulteration" organized by Department of Humanities and Social Sciences, National Institute of Technology, Durgapur, WB. Delivered a plenary lecture on "Adapting, Interpreting and Transcreating Rabindranath Tagore's Works on Screen." Also chaired a session on 3rd June.

11 December 2013. Delivered two lectures at UGC Refresher Course in Comparative Literature at the University of Burdwan. a) High or Low Art? Assessing Jatra as Popular Culture b) Myth and Reality of Women's Empowerment in India

16-18 January 2014. National Level Translation Workshop on 'Fiction for Children and Young Adults' at DEOMEL, Visva-Bharati. Co-ordinator of Group which translated two stories by Upendrakishore Raychowdhuri and Buddhadev Basu. Also chaired a session.

18 January 2014. Chaired a technical session at International Conference on "Crony Journalism: Redefining Journalistic Practices" organized by Centre for Journalism and Mass Communication, Visva- Bharati.

22 -24 January 2014. International Conference on "Diasporic Indian Cinemas and Bollywood on the Diaspora: Re-Imagings and Re-Possessions" organized jointly by CASII (Centre for Advanced Studies in India) and OUCIP (Osmania University Centre for International Programmes), Hyderabad. Delivered plenary lecture entitled "Of Angst, Nostalgia, Identity and Entertainment: Assessing South Asian Diasporic Cinema." Also chaired one session.

03 February 2014. Delivered two lectures at UGC Refresher Course in English at the University of Calcutta on "Literature, Media and Popular Culture."

08 February 2014. Delivered keynote address on "Debating, Challenging or Accepting Patriarchy? Assessing Indian Women's Role in Society and Creative Writing" organized by Centre for Gender Studies of National Law University, Jodhpur at a conference entitled "Forthcoming Feminisms: Gender Activism in Law, Literature & Society."

10 February 2014. National Seminar on "Achievements of Women in Indian Theatre" organized by Women's Studies Centre, Visva-Bharati. Chaired the technical session.

11 February 2014. DRS SAP Seminar, Department of History, Visva-Bharati & ICHR on "The Indian Freedom Movement and Partition of the Sub-Continent." Presented paper "Assessing the Rhetoric of Images: Visual Representations of the Partition of India."

14-16 February 2014. Participated in DRS SAP Seminar at Department of English & Other Modern European Languages, Visva-Bharati on "Tagore's Poetry: Gitanjali and Beyond." Chaired a session.

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20-22 February 2014. Annual Conference of IACLALS (Indian Association for Commonwealth Literature & Language Studies) on "Margins, Globalization and the Postcolonial" held at Panjab University, Chandigarh. Chaired a session. Recipient of the Meenakshi Mukherjee Memorial Prize for 2014.

11-12 March 2014. National Seminar at Assam University, Silchar on "Navigating Diaspora." Delivered the Plenary Lecture on 11.03.2014 entitled "What Diaspora? Whither Diaspora? Some Random, Questions, Answers and Ruminations"

19-21 March 2014. Delivered six lectures at UGC Refresher Course in English at North Eastern Hills University, Shillong. Thrust Area: "Transcending the Canon; Emerging Indian Literatures in the New Boundaries"

19-21 March 2014. Delivered four lectures at English & Foreign Language University, Shillong Campus.

24-25 March 2014. National Workshop on "Values Orientation of Secondary School Teachers and Administrators" organized by Department of Education, Visva-Bharati. Chaired Academic Session VI on 25.3.2014 on 'Universal Human Values.'

Others

Appointed Reviewer of International MELUS Journal (USA)

Advisory Board Member of Literary Voice: A Bi-Annual Peer-Reviewed Journal. ISSN 2277-4521.

Appointed Reviewer of International Journal Postcolonial Text, Australia.

Member of Editorial Board of online journal Gitanjali and Beyond published by Scottish Centre of Tagore Studies, Edinburgh.

Received the Meenakshi Mukherjee Memorial Prize from Indian Association for Commonwealth Literature and Language Studies (IACLALS) for the best paper published during the last academic year (2012-13). It is titled "Dismemberment and/or Reconstitution: Visual Representations of the Partition of Bengal" published in Barbed Wire: Borders and Partitions in South Asia (edited by Jayita Sengupta), Routledge, 2012.

Sudev Pratim Basu

30 July 2013: Delivered an audio-presentation as part of the American Music Appreciation Workshop organised by the Jadavpur University Society of American Studies, at the Department of English, Jadavpur University, Kolkata. Invited as a resource person to conduct the session on Rap/Hip Hop Music light.

12-13 September, 2013 : Novel and Beyond: Dickens and Criminality" at the UGC sponsored National Seminar on Revisiting the Late 19th Century in English Literature jointly organized by Hiralal Bhakat College, Nalhati, Birbhum and Centre for Victorian Studies, Jadavpur University, Kolkata, at Hiralal Bhakat College, Nalhati.

28 - 29 September, 2013: Presented an academic paper on social media and digital humanities entitled "Beyond Twitter and Facebook: The Rise/Ruse of Computer Games and the New Future of Media Content and Control" at a national seminar on Role of Social Media: A New Voice in Democracy jointly organised by the Centre for Journalism & Mass Communication (CJMC), Visva-Bharati and Friedrich Ebert Stiftung, Germany.

16 -18 January 2014: Participated in the UGC Sponsored National Translation Workshop on Translating Bangla Children's Literature into English, Stories for Children and Young Adults organised by the Department of English & Other Modern European Languages, Visva-Bharati, Santiniketan. Translated two Bangla short stories into English.

11 February 2014: Participated in the one-day International Seminar on Bridging India and America: Interchanges in Literature organised by the Jadavpur University Society for American Studies (JUSAS), Jadavpur University, Kolkata, and presented an audio-text paper titled " "Beg, Borrow, Steal": American 'Influence' on Indian Popular Music".

25 - 27 February 2014: Participated at the three day International Conference on War, Words and the World: Representing the Great War organised by the Centre of Advanced Study, Department of English, Jadavpur University, Kolkata, and presented a paper on "Animals (and Farmyard Hangovers): Pastoralism and World War I".

4 - 5 March 2014: Acted as a resource person and delivered a plenary lecture at the UGC sponsored National Seminar on Writings from the Margins: Subaltern Literary Representations and the Politics of Canon Making organised by the Department of English, Vidyasagar University, Midnapore, entitled "'At the Altars of the Subalterns": Congo Free

State, the Belgian Congo, Heart of Darkness, Tintin in the Congo and the Politics of Representations of Marginality".

Sukla Basu (Sen)

23 April 2013. Delivered a lecture on "The role of artistic engagement in Tagore's concept of education" at Jagellonian University, Dept of Middle and Far East Studies, Krakow, Poland.

24 April 2013. Delivered a lecture on "Tagore's concept of education with special reference to the ethical and aesthetic engagement" at Pedagogical University, Krakow, Poland.

30 April 2013. Delivered a lecture on "From August Wilson's Fences to Krishna-Katha (Black Narratives): A Journey Across Cultures", Department of English and American Studies, University of Szeged, Hungary.

11 September 2013. Presented a paper "Playing with ropes : Nothingness versus the Gospels in Waiting for Godot" at the UGC sponsored national seminar on "Post-fifties British Literature : Texts and Contexts", 10.11.13, Maharaja Udaychand Women's College, Burdwan.

22 November 2013. Presented a paper on "Black Adam in White Eden": The Africanist Presence in American Shakespeare Productions" at The Autumn seminar, Jadavpur University Society for American Studies (JUSAS), Jadavpur, Kolkata.

16-18 January 2014. Translated two Bengali short stories and acted as the coordinator of one group of translators at the UGC sponsored National Level Translation Workshop on "Stories for children and young adults", organised by DEOMEL, Visva-Bharati.

11 February 2014. Conducted a students' Symposium on "Translation, Adaptation or Indigenization : What makes an American play succeed on the Kolkata Stage ?" at the seminar on 'Bridging India and America: Interchanges in Literature, Art and Culture" at Jadavpur University Society for American Studies (JUSAS), Kolkata.

14-16 February 2014. Organised an International Conference on "Beyond Gitanjali : Tagore, Poetry, and Poetics" as Conference Director along with Dr. Ananya Dutta Gupta, Conference Convenor under the aegis of SAP-DRS Programme of DEOMEL. Chaired a session. Also conducted a poetry-reading session titled "Conversation" at the said Conference on 15.02.2014.

Others

15. 01.13- 20.04.13. Delivered 10 lectures on Toni Morrison's Song of Solomon and "Detective Fiction" in the PG Section of Bhairab Ganguly College, Kolkata.

11.09.13. Directed the play Waiting for Godot at the Maharaja Udaychand Women's College, Burdwan, on the occasion of the National level Seminar on "Post-Fifties British Literature", 10-11 September, 2013.

28.05.13- 04.06.13. Undertook a week's research on African American Women Playwrights at the Schomburg Centre for African American literature and Culture, Harlem, New York, USA.

Swati Ganguly

19-20 March 2014. Presented paper 'The English Gitanjali, Nobel Prize and more: Tagore's tryst with translation' in the UGC-SAP National 'Seminar on Postcolonial Translations: Issues and Practices' organized by the Department of English, Sambalpur University, Orissa.

15 February 2014. Presented paper 'In Search of the Poet, His Muse and Contours of Gendered Modernity: Reading Shesher Kabita' in the UGC Sponsored International Conference titled Beyond Gitanjali: Tagore, Poetry and Poetics organized by DEOMEL, Visva-Bharati from 14-16 February 2014.

10-11 February 2014. 'Re-imagining the Revolution: The Chattogram Uprising and two recent Hindi Films' in the UGC sponsored International Seminar titled 'The Indian Freedom Movement and the Partition of the Sub-continent' organized by The Department of History, Visva-Bharati.

10 February 2014. Presented paper "The Director's Choice: Abanti Chakraborty and women-centred theatre in Bengal" in the National Seminar on Women's Achievement in Theatre organized by the Women's Studies Centre, Visva-Bharati, 9-10 February, 2014.

26-27 December 2013. "Promise to a Poet: Gandhi and Visva-Bharati after Tagore" at the International Symposium titled 'Convergences and Divergences: The Gandhi-Tagore Correspondence' organized by the Indian Council of Philo-

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sophical Research and Srishti School of Art, Design and Technology, Bangalore.

17 October 2013. Presented paper 'The Monstrous Regiment of Female Monarchs in Shakespeare' at the International Seminar on The Republic in Shakespeare 16-18 October 2013, organized by the Department of English, University of Jammu and The Shakespeare Association, India and held in Jammu.

Invited Lectures on the occasion of the centenary year of the English Gitanjali

11 November 2013. Lecture titled 'Celebrating a Centenary Year: Rabindranath Tagore and the Nobel Prize' at the Istituto Italiano Di Studi Orientali Iso, Sapienza University, Rome.

13 November 2013. Seminar with students on 'Reading the Gitanjali poems' at the Istituto Italiano Di Studi Orientali Iso, Sapienza University, Rome.

19 November 2013. Lecture titled 'Honouring a 'Hindoo Poet': Rabindranath Tagore and the Nobel Prize, at the Università Degli Studi di Napoli 'L' Oreintale', Naples.

21 March 2014. Lecture titled Tagore's 'Swadeshi Samaj' for MPhil-PhD students of the Department of English, Sambalpur University.

Tanuka Das

4-10 August 2013. The 23rd World Congress of Philosophy held at the University of Athens, Athens. Paper presented, "Auden's Poetic Excursion into Philosophy: a study of his English (1927-38) Poetry" in the thematic section Philosophy and Literature.

10-11 September 2013. The U.G.C. Sponsored National Seminar on "Post-Fifties British Literature: Texts and Contexts" organized by the Department of English, M.U.C. Women's College, Burdwan, West Bengal. Paper presented on "Martianism".

12-13 September, 2013. U.G.C. Sponsored National Seminar on "Revisiting the Late 19th Century in English Literature" jointly organized by the Department of English, Hiralal Bhakat College and Centre for Victorian Studies, Jadavpur University. Paper presented on "Hardy and Modernism".

14-16 February, 2014. The U.G.C. Sponsored D.R.S. International Conference on "Beyond Gitanjali: Tagore, Poetry and Poetics" organized by the Department of English & Other Modern European Languages, Visva-Bharati. Participated and also chaired an academic session.

23 March, 2014. One -day Study Circle on "2025-e Banglar Paribesh Kon Pathe?" (Which direction/s the environment of Bengal will move towards in 2025?: a holistic approach) organized jointly by the Akhil Bharat Bhubidya O Paribesh Samiti, Santiniketan and the Geographical Society of West Bengal, Alipurduar, Jalpaiguri held at Techno-India High School, Prantik Township. Participated and also anchored one session of discussion.

Tapu Biswas

5 - 6 December 2013 : Presented an academic paper entitled ' Translation and Adaptation of Modern Drama' at International Conference on Translation Shakespeare & Comparative Literature organized by the Shakespeare Society of Eastern India and Surendranath College , Kolkata, also acted as co-convener of the conference.

9 - 11 December 2013: Presented an academic paper entitled ' Language of Theatre and Method of Communication' at an International Conference on Literature, Language and Communication organized by the Shakespeare Society of Eastern India and Amity University, Lucknow , also acted as co-convener of the conference.

16 -18 January, 2014: Participated as a translator-participant at the UGC Sponsored National Translation Workshop on Translating Bangla Children's Literature into English, Stories for Children and Young Adults organised by the Department of English & Other Modern European Languages, Visva-Bharati, Santiniketan. Translated two Bangla short stories into English.

Others:

Participated in UGC Sponsored Refresher Course in English organized by Academic Staff College and Department of

English, University of Calcutta on Media, Literature and Popular Culture from 29.01.2014-19.02.2014.

Ongoing Research Projects in the Department:

- i. Name of Teacher: Amrit Sen
 Name of Project: Major Research Project on "Rabindranath Tagore and Science"
 Sponsoring Agency: University Grants Commission
 Amount Sanctioned: Rs. 9.33 lakhs (for two years 2013-2015)
- ii. Name of Teacher: Tapu Biswas
 Name of Project: (a) Minor Research Project on "Badal Sircar and the Third Theatre"
 Sponsoring Agency: University Grants Commission
 Amount Sanctioned: Rs. 1, 50,000.00

Extension Activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

- i. Fresher's Welcome and Farewell to outgoing MA II students were organised by the students of the department.

Academic Distinctions gained by Teachers/Scholars of the Department as a whole (Like recognition as DSA or CAS etc)

- i. Fifth year of UGC DRS (SAP) Project on "Tagore: East-West Confluence"
 ii. Dipankar Roy and Ananya Dutta Gupta awarded Ph.D degrees during the year.
 iii. Debarati Bandyopadhyay, Amrit Sen, Indrani Das, Nilanjan Chakraborty, and Aruna Mukherjee promoted to the post of Professor under CAS.
 iv. Sudeb Pratim Basu promoted to Associate Professor under CAS

Publications within the year April 2012 - March 2013

Abhijit Sen

Guest Editor, Sangeet Natak, vol. XLVI, nos. 1-4, 2011: Special issue on 'Rabindranath's East-West Encounters; Performance and Visual Arts'. New Delhi: Sangeet Natak Akademi, 2013. ISSN 0972-494X.

'Rabindranath Tagore: In Search of a 'New' Model for the Bengali Theatre', Sangeet Natak, vol. XLVI, nos. 1-4, 2011: Special issue on 'Rabindranath's East-West Encounters; Performance and Visual Arts'. New Delhi: Sangeet Natak Akademi, 2013: 98-108. ISSN 0972-494X.

Amrit Sen

"Debating the Charkha: Envisioning the Postcolonial Nation in A.P.C. Ray, Rabindranath Tagore and Mahatma Gandhi." New Orientations in English Literature and language Teaching. Vol.1. Hyderabad: Osmania University, 2013. ISSN:2321-6549.

"In a Land Where I have no Readers: Rabindranath and the Voyage to Iran." Contemporarising Tagore and the World. Ed Imtiaz Ahmed et. al. Dhaka: The University Press Ltd., 2013. 103-14. ISBN: 9789845061209.

"Translating Dalit Literature: Texts and Problems." Marginal Writings in English, Bengali and other Regional Literature. Ed. Jaydeep Sarangi and Champa Ghoshal. New Delhi: Authors Press, 2013. 48-55. ISBN: 9788172737177.

"Perspectives of Storytelling: Tapan Sinha's Kshudita Pashan (1961). Word and Image: Articulations on Literature and Films. Ed. Subha Mishra and Urmila Dabir. Nagpur: Dattsons, 2013. ISBN: 9788171920839.

"A Play of Selves: On the Edges of Time and the Art of Autobiography." Rathindranath Tagore: The Unsung Hero. Ed. Tapati Mukhopadhyay and Amrit Sen. Santiniketan: Rabindra- Bhavana, 2013. 3-11. ISBN: 9788175225732.

"Reviews on (i) Gendering the Nation: Identity Politics and the English Comic Theatre of the Long Eighteenth Century by Chandrava Chakravarty; (ii) Rabindranath Tagore: An Illustrated Life by Uma Dasgupta." The Visva-Bharati Quarterly 20. 3& 4 and 21. 1 & 2 (Oct 2011- Sep 2012): 174-75. ISSN: 0972-043X.

"Reviews on (i) The Kindred Voice:Reflections on Tagore in Spain and Latin America by Shyama Prasad Ganguly; (ii)

Ch-II

Readings in Early Indian History by Romila Taarpar." The Visva-Bharati Quarterly 21. 3& 4 and 22. 1 & 2 (Oct 2012-Sep 2013): 192-94. ISSN: 0972-043X.

Ananya Dutta Gupta

'Song as Spectacle: Performance and Reception of Rabindrasangeet Today', Sangeet Natak, Special Issue: Rabindranath's East-West Encounters: Performing and Visual Arts, Volume XLVI, Nos.1-4, 2012:45-56. ed. Abhijit Sen & Saurav Dasthakur. ISSN 0972-494X

'A postcolonial Areopagitica: A note on Rukmini Bhaya Nair's Poetry in a Time of Terror', Humanities Circle, International Journal of Central University of Kerala, India, Vol.01, Issue 01, January 2013, ed. Vellikkeel Raghavan :205-212. ISSN 2321-8010

Edited apperception, Journal of the Department of English & Other Modern European Languages, Visva-Bharati, Santiniketan, Vol. VI, ed. Ananya Dutta Gupta & Swati Ganguly, Santiniketan: Visva-Bharati, 2013. ISSN 2321-1261

'Understanding India: The Cultural Politics of Contemporary Anglo-American Travel Writing about India', The Visva-Bharati Quarterly, Vol. 20, Nos. 3 & 4 & Vol. 21, Nos. 1& 2, October 2011-September 2012, ed. Tapati Mukhopadhyay & Amrit Sen, Santiniketan: Visva-Bharati, 2013:115-128. ISSN 0972-043X

Debarati Bandyopadhyay

"Exploring Literary Ecology of Place in 'New' Nature Writing" Toward a Literary Ecology: Places and Spaces in American Literature ed. Karen E. Waldron and Rob Friedman. Lanham /Toronto /Plymouth, UK: Scarecrow-Rowman and Littlefield, 2013:145-162. ISBN: 978-0-8108-9197-5

"Frail and/or Indomitable: Representation of the Female Body in Sarojini Naidu's Poetry" Writing the Body: Studies in the Self-Images of Women in Indian English Poetry ed. Arnab Bhattacharya. Champaign, Illinois, USA: Common Ground, 2013:21-31. ISBN: 978-1-61229-325-7

"Terrain Vague: An Ecocritical Reading of Atwood's Oryx and Crake and the Year of the Flood" Margaret Atwood Critical Perspectives Ed. Somdatta Mandal. Delhi: Pencraft International, 2014: 181-191. ISBN: 978-93-82178-06-04

Dipankar Roy

"Rabindranath Tagore and the Baulsphere", Paribesh, INTACH, Dr Susmita Guha Roy (ed.) Santiniketan, December 2013:43-48.

Goutam Ghosal

"Tagore's Poetry: An Aurobindonian Approach" In Rethinking Tagore, Editors, B.R. Ananthan, M.G. Hegde. Karnataka: Prasaranga, 2013.

"Vivekananda's English Prose" in a commemoration Volume on Vivekananda. Editors: Bhaskar Chattopadhyay and Kobita Mukhopadhyay, published by Bharat Vidya Charcha Kendra, Burdwan. Sept, 2013

"Sri Aurobindo's Poetry: A Critical Study" in Marginalized: Indian Poetry in English, Edited by Smita Agarwal New York: Rodopi, January 2014.

Indrani Das

"Buddhism and the Buddhist Scholarship in Italy" in Nalanda (Buddhism and Indian Cultural Journal) ed. Bhikkhu Sumanpal. Vol.48 &49 2013-14:270-73. ISSN No.23207264

Nilanjana Bhattacharya

Gitanjali and Its Afterlife in the Hispanic World: Two Forgotten Translations' in The Visva-Bharati Quarterly, Vol 20-21, October 2011- September 2012:151-164

Nilanjan Chakrabarti

" The Medieval French Literature and Culture: the Earliest Phase" in The Swabhimani Journal of Science and Literature ed. Kanucharan Padhy 28, No.2, January 2014, Paralakhemundi, Odisha, ISSN 2320-1479.

Romit Roy

"Rabindranath Tagore's Songs: Modernism and Philosophy of Composition". In: Abhijit Chatterjee (ed.), Sangeet Natak

Vol. XLVI, No. 1-4, 2012 (Special Issue, Rabindranath's East-West Encounters: Performing and Visual Arts, eds. Abhijit Sen and Saurav Dasthakur. New Delhi, Sangeet Natak Akademi, 2013: 15-29). ISSN 0972-494X

Saurav Dasthakur

Co-edited Sangeet Natak (Journal of Sangeet Natak Akademi, New Delhi) Vol. XLVI, Numbers 1-4, 2012 (published 2013; ISSN 0972-494X), Special Issue on "Rabindranath's East-West Encounters: Performing and Visual Arts."

"Gender, Class and 'Marginal Modernism': The Case of L.G. Gibbon's Sunset Song" in *The Atlantic Review of Feminist Studies*, Vol. 1 No. 1 (ISBN 978-81-269-1822-5), 2013: 55-67.

"Notes Towards a Political Approach to Rabindrasangeet: Tagore's Encounter with Colonial Modernity in Music" in Abhijit Sen & Saurav Dasthakur (eds.), *Sangeet Natak Vol. XLVI, Number 1-4, 2012* (published 2013; ISSN 0972-494X): 57-69.

Somdatta Mandal

Books:

Journeys: Indian Travel Writing, Ed. Somdatta Mandal. New Delhi: Creative Books, 2013. ISBN 978-81-8043-101-2
Margaret Atwood Critical Perspectives Ed. Somdatta Mandal. Delhi: Pencraft International, 2014: 181-191. ISBN: 978-93-82178-06-04

Articles/Chapters in Books:

"The Evolution of Indian English Language and Literature: A Socio-Historical Survey" in *Literature as History: From Early to Contemporary Times*. Ed. Chhanda Chatterjee. Delhi: Primus Books, 2014: 109-138.

"Wanderlust: Travels of the Tagore Family" [Translation of four travel narratives by Debendranath Tagore, Jnanadanandini Devi, Rabindranath Tagore and Abanindranath Tagore]. - *parabaas* vol. 53 online magazine. www.parabaas.com

"Multicultural America" in *Different Americas: Resituating American Identity in the Post 9/11 Third Worldian Classroom*. eds. Anindya Sekhar Purakayastha, Dhritiman Chakraborty and Mursed Alam. New Delhi: Author's Press, 2014: 20-34. ISBN 978-81-7273-751-1

Foreword for *Locating Asian American Women Writers in the Diaspora* by Nandini Bhadra, New Delhi & Sydney: Prestige Books International, 2013: 7-12.

"Wither Homeland? Representations of Calcutta/Kolkata in the Fiction of Diasporic Bengali Women Writers" in *Constructions of Home in Philosophy, Theory, Literature and Cinema: Essays in Honour of Nilufer E. Bharucha*. Eds. Sridhar Rajeswaran and Klaus Stierstorfer. Bhuj, Gujarat: CASII, Centre for Advanced Studies in India, 2014: 94-133.

Reviews:

"Indias in India." Review of *Media, Gender, and Popular Culture in India: Tracking Change and Continuity* by Sanjukta Dasgupta, Dipankar Sinha & Sudeshna Chakravarti in *8th Day, The Sunday Statesman*, 12 May 2013.

The Politics of the (Im)Possible: Utopia and Dystopia Reconsidered by Barnita Bagchi. Sage Publications, 2012. Review published in *8th Day: The Sunday Statesman*, 18 August 2013.

Oleander Girl by Chitra Banerjee Divakaruni in *8th Day: The Sunday Statesman*, 1 September 2013.

"Un-put-downable". Review of *Oleander Girl* by Chitra Banerjee Divakaruni in *Six Seasons Review (Bangladesh)*

"A Wonderfully Crafted Story." *The Lowland* by Jhumpa Lahiri in *8th Day: The Sunday Statesman*, 29 September, 2013.

"Origins of Literary Modernity in India." Review of *Freedom and Beef Steaks: Colonial Calcutta Culture* by Rosinka Chaudhuri in *8th Day: The Sunday Statesman*, 27th October, 2013.

"Rebellious instincts, fervor for justice." Review of *Warrior in Pink Sari: The Inside Story of the Gulabi Gang* by Sampat Pal in *8th Day: The Sunday Statesman*, 3rd November, 2013.

"History or Period Fiction?" Review of *Jorasanko* by Aruna Chakravarti in *8th Day, The Sunday Statesman*, 21 December 2013.

"The icon of creative freedom." Review of *Radical Rabindranath: Nation, Family and Gender in Tagore's Fiction and*

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Films by Sanjukta Dasgupta, Sudeshna Chakravarti and Mary Mathew (2013) & Tagore: At Home in the World. edited by Sanjukta Dasgupta and Chinmoy Guha (2013) in 8th Day: The Sunday Statesman, 12 January 2014.

"The burgeoning area of fiction." Review of Lifelines: New Writings from Bangladesh edited by Farah Ghuznavi in 8th Day: The Sunday Statesman, 2 March, 2014.

"Roots of the Language." Review of Of Ghost and Other Perils by Troikolyanath Mukhopadhyay. Translated by Arnab Bhattacharya. (Orient Blackswan) in 8th Day: The Sunday Statesman, 16 March, 2014.

Sudev Pratim Basu

In Books:

"Hunting, Travel and Mascara: Women Hunter-Travellers in British India, 1837 - 1916", in Somdatta Mandal, ed. Journeys: Indian Travel Writing. New Delhi: Creative Books, 2013:54 - 71. ISBN 978-81-8043-101-2.

"Beyond Twitter and Facebook: The Rise/Ruse of Computer Games and the New Future of Media Content and Control", in Mausumi Bhattacharyya, ed. Voice of Social Media in Democracy. Santiniketan: Visva-Bharati, 2014: 42 - 48. ISBN 978-81-7522-584-8.

In Journals:

"Mouth for War': Pro-war Leanings in American Heavy Metal Music", in Tapati Mukhopadhyay and Amrit Sen, eds. The Visva-Bharati Quarterly. Vol. 20, No. 3 & 4 and Vol. 21, No. 1 & 2, Oct 11 - Sep 12. Santiniketan: Visva-Bharati, 2013, pp. 100 - 114. ISSN 0972-043X.

"The Times They Are-A Changin": Bob Dylan and Urban Poetry" in (online journal) Tirtha Prasad Mukhopadhyay, ed., Rupkatha Journal on Interdisciplinary Studies in Humanities. 'Special Issue on Performance Studies', Vol. V, No. 2, 2013. <<http://rupkatha.com/bob-dylan-and-urban-poetry/>>ISSN 0975-2935.

"Up in the Tree': Ecology and Childhood in Margaret Atwood's Children's Stories" Margaret Atwood Critical Perspectives Ed. Somdatta Mandal. Delhi: Pencraft International, 2014: 181-191. ISBN: 978-93-82178-06-04

Sukla Basu (Sen)

29.07.13. 'Transforming the European Legacy: Theme and Technique in O'Neill's Plays,' in JUSAS Online, 2nd Issue. <http://jusasonline.wordpress.com/2013/07/29/transformation-of-the-european-legacy-in-oneills-play-themes-and-stage-techniques/>

"Moon Marked and Touched By Sun:" Re-inventing 'Woman Words' in Plays by African American Women" in Americana, Vol. IX, No 1, Spring 2013. [E-Journal of American Studies in Hungary].

15.01.14. "Black Adam in White Eden": The Africanist Presence in American Shakespeare Productions" in JUSAS Online, 3rd Issue. <http://jusasonline.wordpress.com/2014/01/15/black-adam-in-white-eden-the-the-africanist-presence-in-american-shakespeare-productions/>

Swati Ganguly

'The Poush Mela in Santiniketan: The Fair as a Site of Social Exchange' The Public Historian Vol 35 No2, May 2013. University of California Press: 104-108 [ISSN 0272-3433. Electronic ISSN 1533-8576] www.ucpressjournals.com:104-108

'Celebrating the Global and the Local: Rabindranath's Ideal of Cosmopolitanism' in Contemporarising Tagore and the World, eds. Imtiaz Ahmed, Muchkund Dubey et al. Dhaka: University Press Ltd, 2013: 131-142. ISBN 978 984 506 1209.

The turn of the shrew: gendering the power of loquacity in Othello' in Multicultural Shakespeare Issue 9 (published from University of Lodz, Poland.) May 2013 www.degruyter.com 15

'Locating and dis-locating William's 'women': 'the small voices of feminist Shakespeareans' in the Journal of Drama Studies: An International Journal of Research on world Drama in English Vol 7. January -July 2013, No.1&2 Special Number marking the 400th year of Shakespeare's Farewell to the Globe, : 129-138. ISSN 0975-1696

"Bilingualism in the Age of Globalization: The Reflections of a Bengali Writer." PHALANX 9: August 2013 <http://phalanx.in/index.html> [ISSN 2320 7698]

Nationalism and 'Our Swadeshi Samaj': contextualising Tagore's ideas of Nation' Journal of the School of Languages, Literature and Culture, JNU [ISSN 0972-9682]:86-98. '

Gendering lying and Truth Telling in Othello' in Shormistha Panja (ed) Shakespeare and the Art of Lying. New Delhi: Orient Black Swan 2013. (ISBN 978-81-250 5264 7):139-154

Tanuka Das

"Portia's Journey from the Margin to the Centre in Shakespeare's Play The Merchant of Venice" in Labyrinth, An International Refereed Journal of Postmodern Studies. Vol.4/No.2-April 2013. ISSN 0976-0814. 38-45.

"The 'Spiritual' Yeats in the Byzantium Poems" in Transcendence and Immanence in works of Select Poets in English by ACCESS, an imprint of Authorspress, New Delhi. 2013. ISBN 978-93-82647-04-1. 334-347.

Tapu Biswas

"Small Latine and Less Greeks : Shakespeare's enrichment of Classical sources in Comedy of Errors" in Amitava Roy, R. N. Rai, Subir Dhar and Tapu Biswas eds. Theatre International East West Perspective Vol VI, Kolkata : Avantgrade Press 2013:22- 31. ISSN 81-57538-16-3.

"Iago or the Bad Servant: Servant-Master relationship in Othello" in Bryan Reynolds, Amitava Roy, Subir Dhar and Tapu Biswas eds. Theatre International East West Perspective Vol VII, Kolkata : Avantgrade Press 2014:120- 128. ISSN 81-57538-16-3.

"The Duchess of Malfi as a Critique of Patriarchy" in Sunita Sinha Eds. The Atlantic Review of Feminist Studies Quarterly Vol I No 2 April- June 2013. New Delhi: 12-20. ISSN 2320-5105.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department

Many new Optional Courses introduced in the MA Semester.

The department also successfully conducted the M.Phil and Ph.D. Taught Course as per the UGC guidelines.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development

The DEOMEL (Department of English and Other Modern European Languages) has two profiles. On the one hand, it is a department of English literature offering regular degrees (BA Hons, MA, MPhil & PhD) in English. Over the past decade, the content of these courses have evolved from the traditional "literary" approach to a multidisciplinary one, involving studies in Postcolonial literatures and theories, culture studies, translation studies, gender studies, film and theatre studies, comparative studies of European literature and so on. The Indian literary and cultural ambience is substantially emphasised to alert the students of their positron as learners of English in the Indian context. The other profile of DEOMEL comprises the four modern European languages, namely French, German, Italian and Russian. These language units offer language courses of the level of Certificate of Proficiency, Diploma and Advanced Diploma. At the same time, faculty members of these language units deliver lectures on issues relating to their respective fields of specialisation as part of the MA courses in English.

Any other relevant information

Several Visiting scholars have taught and delivered special lectures in the department during the year. They are:

1. Professor Deborah Logan, Western Kentucky University. Visiting Fulbright Scholar.
2. Professor Bonnie Zare, Associate Professor of Gender and Women's Studies, University of Wyoming, USA
3. Ms. Pranjali Bandhu, Former Professor of German Studies, JNU & IIT, Madras. Author & Social Activist, Ooty, Nilgiri Hills.
4. Professor M. Asaduddin, Department of English, Jamia Millia Islamia, New Delhi
5. Professor Paul Budra, Department of English, Simon Fraser University, Canada,
6. Professor Richard Dale Sharpe, Catholic University, Washington DC
7. Professor Bashabi Fraser, Edinburgh Napier University, Scotland.
8. Professor Krishna Sen, (Retd), Department of English, University of Calcutta.
9. Dr. Prashanta Chakravarty, Department of English, University of Delhi

DEPARTMENT OF HINDI

Harischandra Mishra

Seminar / Conference / etc.

18 & 19 February 201: 4 Nos of lectures delivered at Kasi Hindu Viswavidyalaya on the topic - "Bhojpuri Lokgeeton men Samajik Chinta". As a resource person in the Refresher course.

25 February 2014: Delivered 2 lectures on the topic - "Adhunikta Evam Bhavasendu" and "Adhunikta Evam Chhayavad" - at Deendayal Upadhyaya University of Gorakhpur. As a resource person in the Refresher course.

Research article published

Loksaahitya Aur Sahitya Ka Antah Sambandh (Rabindranath Ke Sisusahitya Ke Visesh Sandarvmen) Panchsita Sodh Eamikshya, Vol-20, April 2013, ISSN 0975-2587.

Bangla Lok Sisu Sahitya men Shrikrushna Tatha Gramya Jeevan Men Krishnakatha : Ek Antarina manab mukti ko samarpit : Vol-20, No - 10, October 2013, ISSN 2278-6066.

Rabindranath Ke Sahitya Ki Chitratmakata - Aksar, 25 July September 2013 - Ed. By Hetubharadwaj, ISSN 2278-2338.

Janapadiya bhasaon ka vibad Aur Sibdansigh Chahwan - Ananya, Chief editor - Ramsajan Pandeya, Vol - 4 & 5, July 2012 - June 2013, ISSN 2250-1207.

Tulsi Ke Kavya Men Sumajik Dwyitwabodh Ki Rachanatmak Bhumika - Ananya - Vol - 4 & 5, July 2012 to June 2013, ISSN 2250-1207.

Translated the Oriya poems of N.B. Harichandan Ananya - October 24, April - June 2013, Edited by Hetubharadwaj, ISSN - 2278-2338.

Manju Rani Singh

Seminar / Conference / etc.

30th May 2013: A lecture delivered in the National Seminar on the topic 'Vivekanand ki rashtriya evam shaikshik chintan' at 'vichar gosthi' of Mewar Institute Ghaziabad 201012 (U.P.).

12th May 2013: A lecture delivered in the National Seminar on the topic 'de-coding of Swami Vivekanand Philosophy' organized by 'manav uttardayitav' Max Muller Marg, New Delhi.

22nd June 2013: A lecture delivered on the topic 'Karuka Khajana hai meri kavita' on the occasion of 'Bhavani Prasad Mishra Janmshati Samaroh' organised by Bada Bajar Library, Kolkata.

27-29 July 2013: A lecture delivered in the National Seminar on the topic 'Ramvilas Sharma ka Aalochana Karm' Organised by Manvik, on cultural Institute of Raniganj, West Bengal on the occasion of Ganmitra Samman Samaroh, 2013.

15th February 2013: Delivered a lecture on the topic 'samaaj men stri - yatharth our stri vimarsh' at Bharatiya Bhasha Parishad on the occasion of 'krititwa samagra puraskar : Smt. Chitra Mudgal.

Others

One day national seminar was organized by me on 16th April 2013 at Central Library Conference hall on the topic 'Empowerment of youth generations in india' Dr. S.N. Subba Rao was the Chief Guest of the seminar.

One day lecture programme of Dr. Chitra Sinha, Academic advisor based in Baharain was organized by me on 22nd September 2013 the topic of the lecture & discussion was "Debating Patriarchy : The Hindu Code Bill Controversy in India.

A special lecture programme of Sheela Lavakare, former Professor of Jannalal Bajaj Institute of Management Studies, Mumbai University was organized by me on 3rd February 2014 at Central Library Conference hall, Visva-Bharati.

Two days national seminar was organized by me 'Achievements of women in Indian Theatre' on 9th - 10th February 2014 at Lipika Auditorium, Visva-Bharati as Director of WSC, Visva-Bharati.

One counseling programme was organized by me on 'In search of stress free life' for all girls students of Visva-Bharati on 17th August 2013.

A colourful cultural & academic debate programme in Poush Mela 2013 was organized by me. Many students and teachers from Visva-Bharati and outside participated in the programme.

Publication

'Mashik Vaicharik Sangosthi' An annual magazine of Memar Institute, Ghaziabad (U.P.) Vol 2013-14.

Rameshwar Mishra

Seminar/Conference/etc.

20 January 2014: Presided a National Conference on the topic 'Bharatiya Sahityer Sampratit Pravanata' in the Department of Bengali, Visva-Bharati.

7 February 2014: Presided an International Seminar on the topic 'Bhikhyuni Sangha and its Importance in Buddhism' at Centre for Buddhist Studies, Visva-Bharati.

9 February 2014: Chaired a special lecture on 'Buddhism and science' at centre for Buddhist Studies, Visva-Bharati.

13 February 2014: Presided inaugural session of a National Seminar on the topic 'Vedic Interpretations: Trenal and Technique', organised by Department of Sanskrit, Visva-Bharati.

14 February 2014: Delivered a lecture in inaugural session of an international conference on 'Beyond Gitanjali: Tagore, Poetry and Poetics'.

Publication

"Assessing the Travels of Rahul Sankrityayan" - Indian Travel Writing Editor: Somdatta Mandal, Creative Books, New Delhi, 2013.

Chakradhar Tripathy

Seminar / Conference / etc.

14 to 16 September 2013: National Seminar and Keynote address given on the Topic - 'Rajbhasa Hindi Sambhabanaya Aur Chunantiyan' at Hindi-Bhavana, Visva-Bharati, Santiniketan.

14 July 2013: Delivered a lecture on the occasion of 'Tulse Jayanti' at Hindi-Bhavana, Visva-Bharati, Santiniketan.

18 October 2013: Presented a paper on Odisha Men Hindi: Sambhabanayen Evam Chunoutiyan, at KIIT, University, Bhubaneswar.

17 Oct 2013: Honoured Hindi Sahitya Sebi Jointly Samman, Organised by Visva-Bharati in KIIT University, Bhubaneswar.

Mukteshwar Nath Tiwary

Seminar / Conference / etc.

28 October 2013: Presidential address at a National Seminar on the topic 'Ekkiswin sadi ki kahari', organized by Magadh Mahila College, Patna.

27 November 2013: Attended a National Seminar on the broad topic 'Hindi Sahitya Mein Stri-Vimarsha' and the topic of the paper presented was 'padmavat mein stri-chetana', organized by Deoghar College, Deoghar, Jharkhand.

20 January 2014: Delivered a lecture in National Seminar on the topic 'Samakalin Hindi Katha-Sahitya' India Literature perspective organized by the Department of Bengali, Visva-Bharati.

22 March 2014: Actively participated as an external expert in a symposium organized for undergraduate syllabus of Hindi at Vidyasagar University.

20 & 21 March 2014: Delivered 4-guest lectures in the Department of Hindi, Vidyasagar University under UGC-schemes.

Publications

'Kedarnath Singh ke kavya mein prakritik upadan', quarterly journal Abhidha, Muzaffarpur, Bihar, May 2013.

'Mahadevi ka 'mera parivar': Ek yatharthawadi panchatantra' in Vagartha, Kolkata, September 2013.

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'Khusaro Ki Vagmita' in Bhasha, New Delhi, December 2013.

3-Editorials in Visva-Bharati Patrika, Vol. 56, 57, 58.

Distinctions

Member, Board of studies in Hindi Rabindra Bharati University, Kolkata, W.B.

Member, Board of studies in Hindi, Burdwan University, Burdwan, W.B.

Member, Research Advisory Committee, West Bengal State University, Barasat, W.B.

Sakuntala Mishra

Book Publication

Gitanjali (Hindi translation with original Bengali in Devanagari Script and Tagore's English Translation) Vani Prakashan, New Delhi, 2013.

Journal

'Gitanjali aur Nobel Puraskar' - Bhaswar Bharat Hyderabad, November 2013.

Rabindranath Mishra

Seminar / Conference / etc.

14 to 16 September 2013: Attended a National Seminar on the topic "Rajbhasa Hindi : Sambhabanayan Aur Chunoutiyan" organized by Department of Hindi, Visva-Bharati, Santiniketan, W.B.

29 to 31 December 2013: Attended AIH Congress Conference at Ravenshaw University, Cuttack, Odisha.

3 February 2014: Paper presented in the National Seminar on the topic "Ekiswi Sadi ke Hindi Sahitya ka bhabisya" at B.B. College, Asansol, W.B.

20 February 2014: Attended a National Seminar on the topic "Impact of Globalization on Tribal Literature & Culture" held at Bhasa-Bhavana, Visva-Bharati.

12 March 2014: Paper presented in the National Seminar on the topic "Mahapandit Rahul Sankrutayyan : Srujan Evam Chintan" in the Department of Hindi, Vidyasagar University, Medinapur, W.B.

23 February & 28 February 2014: Attended an orientation programme on Rabindranath and Santiniketan, at Visva-Bharati, Santiniketan.

3 & 4 March 2014: Attended a two days seminar on the topic 'Indic Studies' & Kalidasa's Concept of Dharma in the Department of Sanskrit, Visva-Bharati, Santiniketan, W.B.

Publications

Book Chapters

"Janapakshadharata ke kabi Nagarjan" in the book Adhunik Hindi Sahitya ke Satabdipur Edited by Dr. R.K. Shaw, Manab Prakashan, Kolkata (2013), ISBN No. 978-93-80332-42-0.

Prepared a Text book for M.A Class of DDCE, Utkal University Bhubaneswar named Madhyakalin Kavya in February 2014.

Article in Journals

"Adhunik Odiya Sahitya men Rastriya Ekta" in Vartavahak - July 2013, No. 152, ISSN No. 2321-8789.

"Adhunik Odiya Sahitya Ki Vikas Dhara" in Vartavahak - December 2013, No. 147, ISSN No. 2321-8789.

"Dharm Aur Darshan Ke Pratik Shrijagannath" in Nabanikasa, Utkal Visesank - Vol-2, August 2013, ISBN.

"Adhunik Odiya Katha Sahitya" in Vartavahak, April 2014, ISSN No. 2321-8789.

Others

Member, syllabus committee: DDCE, Utkal University, Vanivihar, Bhubaneswar.

Member of Award Committee: Uttarpradesh Hindi Sansthan, Lucknow, U.P.

Subhash Chandra Roy

Seminar / Conference etc.

23 September 2013: Dinkar Jayanti on at High School, Barbiga, Bihar where delivered a lecture on the poetry of Ramdhari Singh 'Dinkar'.

9 February 2014: Attended a National Seminar on the topic 'Achievements of Women in Indian Theatre', organized by Women's Study Centre, Visva-Bharati.

27th February - 1st March 2014: Actively participated in a National Book fare cum cultural programme organized by Dinkar Smriti Nyas, New Delhi during at Nalanda Vihara.

27 September 2013: Attended a workshop at Durgapur 'Powergrid Corporation of India Ltd.'

14-16 September 2013: Actively conducted a session of the seminar on the eve of 'Hindi Dives' in Hindi Bhavana, Visva-Bharati.

Publications

'Janata ke Nayak (Jananayak): Nagarjuna', Bhashiki, a research journal, 2014, Gaya.

'Janata Aur Janatantra ke kavi: Dhumil', Visva-Bharati Patrika, Vol. 58, February 2014.

A conversation with Devdutta Roy, a new poet & novelist of Hindi in Bhashiki, April, 2013.

Jagadish Bhagat

Seminar/Conference etc.

14-15 September 2013: Attended programme on the occasion of Hindi Diwas, at Hindi Bhavana, Visva-Bharati.

15-16 October 2013: Attended 'Ramkhtha Mahotsav Barhaj', at Deoria (U.P.).

3 November 2013: Attended Dr. Rajendra Pd. Jayanti, Akhil Bhartiya Saskritik Parishad, Durgapur, W.B.

Publication

"Muwaje: Ek Adhyhyan", Yogeshchandra College Edited Book, ISBN No. 978-81-924075-2-4, 2013 at Kolkata, W.B.

"Mahadevi Verma: Ek Adhbhut Gadyashilpi", Mahilalekhan Editor Colonel Lt. Dr. V.D. Singh Mallick, ISBN No. 978-93-81317-93-8, 2013 at Vikash Prakashm Kanpur, (U.P.).

"Ajney aur Hindi Kahani", Abhimar Jnroz Editor - Dr. D.K. Bahal, ISSN No. 2321-1105, February 2014 at New Delhi.

"Jayshankar Prasad Ki Prarambhik Kahaniyan", Ravindrajyati, Jind July 2013, Hariyana

"Bhavani Pd. Mishra, Saralata Ke Kavi", Deviwik Jagar, October 2013, Dhanbad Edition.

Editing

Working as Sub-Editor from last 15 years Sarayu - Dhara Editor - Prof. S.K. Tripathi Published at Santiniketan.

Arjun Kumar

Article in Journals

"Kahani Se Jujhti Patrika" in Visva-Bharati Patrika, Vol - 1-2, January 2013 to June 2013.

"Rabindra Kendrit Hindi Alochana" - Visva-Bharati Patrika, Vol- 4-5, October 2013 to March 2014.

"Dabit Vimarsh : Kuchh Vichar Vindu" - Pairokar, Vol - January to March 2014, ISSN 2320-5601.

DEPARTMENT OF SANSKRIT, PALI & PRAKRIT

Name of the students qualified in UGC/CSIR/NET/SET and GATE Examinations.

Name of the Students NET/JRF/SET

Ms. Mousumi Das NET

Shri Sudhamay Halder NET (JRF)

Ms. Pinky Das NET

Ms. Paulomi Sadhu NET

Shri Krishna Bishwas NET

Shri Pritam Rooj NET

Shri Anup kumar Rano NET (JRF)

Ms. Mamoni Saha NET

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 1) Prof. Panchanan Mohanty, Centre for Applied Linguistics and Translation Studies, University of Hyderabad, gave a talk in the Department on Life and Journey of the Languages of the World on the International Mother Tongue Day (21st February 2014).
- 2) It organized Special Lectures on Indic Studies (3-4 March, 2014) where Prof. V.N. Jha, Ex-Director, CASS Pune University of Pune, gave four lectures on Indian Model of Linguistic Communication. Prof. Ujjwala Jha, Ex-Director and now senior Professor CASS, University of Pune gave four lectures on two topics - (i) 'Text without author' and (ii) 'Kalidasa's concept of Dharma'.
- 3) The Department organized its Annual Seminar on the 13th of March 2014 when Prof. Bijoya Goswami, Department of Sanskrit, Jadavpur University, Kolkata (Chief Speaker) and Prof. Tapati Mukherjee, Director Rabindra Bhavana, Visva-Bharati (Chief Guest) and faculty members of the Department presented their deliberations on 'Women Characters in Sanskrit Drama'.
- 4) The Dept. organized a Ten Day-Workshop on Applied Sanskrit on 21-30 August, 2013 in collaboration with the Amrta Vani Seva Pratisthan, Balasore, Odisha.
- 5) It organized a National Seminar on 'Vedic Interpretations : Trend and Technique' in collaboration with Maharshi Sandipani Rashtriya Veda Vidya Pratisthan (under Ministry of HRD, New Delhi), Ujjain on 13-15 February, 2014.
- 6) It again organized another National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation' on 5-7 March, 2014.

National and International Standard Conference /Seminar/ Workshop/ Exhibition

Aruna Ranjan Mishra

30 - 31 August, 2013 : UGC Sponsored National Seminar on 'Puranam : Sahityam Darsanam ca' organized by Department of Sanskrit, Deshabandhu Mahavidyalaya, Chittaranjan, University of Burdwan, from 30-31 August, 2013; paper presented on 'Vedic Identity of Puranas'.

14-19 November, 2013: International Conference on 'Education in all-inclusive Universal Spirituality' organized by Chinmaya International Foundation Shodha Sansthan (CIFSS) Veliyanad (Ernakulam), Kerala in collaboration with Spiritual Heritage Education Network (Canada); presented paper on 'Belief in the Supreme Land beyond Mind : the Final Clue to Universal Spirituality'.

10-12 January, 2014: National Seminar on 'Kalidasa and Odisha', organized by Odisha Sahitya Akademi, Bhubaneswar, paper presented on 'Odisha Connection of Kalidasa'.

23-25 January, 2014: UGC Sponsored National Seminar on 'Aspects of Brahmana Literature', organized by Centre of

Advanced Study in Sanskrit, University of Pune, Maharashtra, paper presentation 'Eight forms of Siva in Sankhayana Brahmana'.

13-15 February, 2014: National Seminar on 'Vedic Interpretations : Trend and Technique' organized by the Dept. of Sanskrit, Visva-Bharati, Santiniketan in collaboration with Maharshi Sandipani Rashtriya Veda Vidya Pratisthan, Ujjain, paper presented on 'Interpretation of Veda as the Supreme Poetry'.

26-27 February, 2014: UGC National Seminar on 'Vedic Legends : Content and Context', organized by the P.G. Department of Sanskrit, Utkal University, Bhubaneswar, paper presented on 'The Vedic Legend of Naciketas and its Influence on the same legend in Mahabharata'.

5-7 March, 2014 : UGC Sponsored National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation' organized by the Department of Sanskrit, Visva-Bharati, Santiniketan, paper presented on 'Appayya Dikshita's Yogarudhi: An Interface with the Naiyayikas'.

8-10 March, 2014: National Seminar on 'Translated Literature in Sanskrit from other Languages' organized by the Rashtriya Sanskrit Sansthan, New Delhi, paper presented on 'Translated Literature in Sanskrit from Bengali : A Special Study of Feminism in Devadasah'.

Narottama Senapati :

13-15 February, 2014: National Seminar on 'Vedic Interpretations : Trend and Technique' organized by Department of Sanskrit, Pali & Prakrit in collaboration with Maharshi Sandipani Rashtriya Veda Vidya Pratisthan (under Ministry of HRD, New Delhi), Ujjain, Delivered introductory talk in an Academic Session.

Mridula Ray

13-15 February, 2014: National Seminar on 'Vedic Interpretations : Trend and Technique', organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati in collaboration with Maharshi Sandipani Rashtriya Veda Vidya Pratisthan, Ujjain, MP, paper presented on 'Rabindracintane Upanisadprasanga'.

5-7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation' organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati, paper presented on 'Sabdavyaparavicare Vyanjanalaksanam'.

Arun Kumar Mondal

13-15 February, 2014 : National Seminar on 'Vedic Interpretations : Trend and Technique', organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati in collaboration with Maharshi Sandipani Rashtriya Veda Vidya Pratisthan, Ujjain, MP, paper presented on 'Vedavyakhyane Rabindranatha - Mantrasyaikasya Prasangah'.

5-7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation' organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati, paper presented on 'Nanarthasabde Dvitiye Arthe Vrttavisaye Appayamatavimarsah' and presided over the Valedictory Session of the Seminar on 7th March, 2014.

Lalita Chakraborty

30 - 31 August, 2013 : UGC Sponsored National Seminar on 'Puranam : Sahityam Darsanam ca' organized by Department of Sanskrit, Deshabandhu Mahavidyalaya, Chittaranjan, University of Burdwan, paper presented on 'Philosophical Aspects of Sivapurana'.

21 January, 2014 : National Seminar organized by Department of Bengali, Visva-Bharati; paper presented on 'Sampratika Sanskrita Satritya : Visaya Laghukatha'.

27 - 29 March, 2014 : National Vedic Conference organized by Rashtriya Sanskrit Sansthan and Tripura Rajya Veda Vidya Prasarana Samiti, Agartala, Tripura, paper presented on 'The Vedas : Sources of human knowledge vis-a-vis libraries of our society'.

Jagat Ram Bhattacharya

19-21 July, 2013 : National Seminar organized by the Rashtriya Sanskrit Sansthan, Jaipur Campus, paper presented on 'Linguistic elements in the original Prashnavyakarana'.

20 September, 2013 : National Seminar, Department of Hindi, Visva-Bharati, Delivered lecture on 'Hindi ke dasha aur disha'.

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13-15 February, 2014 : National Seminar on Vedic Interpretations: Trend and Technique, organized by the Department of Sanskrit, Pali and Prakrit, Visva-Bharati, paper presented on 'Vedic Prakritism - A survey'.
27-29 March, 2014 : National Seminar organized in ML Sukhadia University, Rajasthan, paper presented on 'Spiritual elements in the Dasaveyaliyasutta - A study'.

Niranjan Jena

13 - 14 April, 2013 : National Conference on 'Atharvaveda', organized by Academy of Yoga and Oriental Studies, Bhubaneswar, paper presented on 'A Study of Secular Contexts in the Atharvaveda'.
31 August - 1 September 2013 : National Seminar on 'Swami Vivekananda on Socio-cultural Integrity of Bharat', jointly organized by Akhila Bharatiya Itihasa Sankalana Yojana, Eastern Zone, paper presented on 'Swami Vivekananda and his Concept of Bhakti-Yoga'.
5 - 6 September 2013 : National Seminar on 'The Legacy of Radhakrishnan : Representing India in the New Global Order', organized by Vinaya Bhavana, Visva-Bharati, Santiniketan, paper presented on 'Views of Radhakrishnan on Peace, Value and Moral Education'.
14 - 19 November 2013 : International Conference, organized by Chinmaya International Foundation Shodha Sansthan (CIFSS), Kerala, India, paper presented on 'The Concept of Global Fraternity as Reflected in the Vedas'.
7 - 9 February, 2014, Attended International Seminar organized by Centre for Buddhist Studies, Visva-Bharati, Santiniketan,
13 - 15 February, 2014 : National Seminar on 'Vedic Interpretations : Trend and Technique', jointly organized by Deptt. of Sanskrit, Pali & Prakrit, Visva-Bharati and Maharshi Sandipani Rashtriya Ved Vidya Pratisthan, Ujjain, paper presented on "Interpretational variations of Commentaries of Sayana, Uvatta and Mahidhar on Purusa-Sukta".
26 - 27 February, 2014 : National Seminar on 'Vedic Legends : Contents and Context', organized by P.G. Deptt. of Sanskrit, Utkal University, Bhubaneswar, paper presented on 'The Vedic Legend of the Angirasa Rsis and Lost Cows'.

Harekrushna Mishra

13 -14 April, 2013 : National Conference on 'Atharvaveda', organised by Academy of Yoga and Oriental Studies, Bhubaneswar, paper presented on 'Paippalada Tradition : A Fresh Study on Eastern Part of India'.
4 August 2013 : National Seminar on 'Various Religious Sects in Sriksetra', organized by Nilachal Tatva Anusandhan Parisad, Puri, paper presented on 'Kirtan and Gaudiya Vaisnava Tradition : Spread in Sriksetra'.
4 -5 March, 2014 : National Seminar on 'Environmental Awareness in Sanskrit Scriptures' organized by Revenshaw University, Cuttack, paper presented on 'Environment : As Viewed by Vedic Seers'.
5 - 7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation' organized by Department of Sanskrit, Pali & Prakrit, paper presented on 'Arthavada : An Analysis'.
22- 23 March, 2014 : National Conference on 'Pali and Indian Culture' organized by Jawaharlal Nehru University, Delhi, paper presented on 'Socio-Politico-Economic-Cultural Condition of India : As Understood from Jatakakatha'.
25 - 27 March, 2014 : National Seminar on 'Vedic Legends : Content and Context' organized by Utkal University, paper presented on 'Legend Based Epithets of Indra : An Analysis'.

Sanjay Kumar Mandal

26 - 27 April, 2013 : National Seminar, organized by Mahadev Singh College Bhagalpur, Bihar, paper presented on 'Human Rights and Education in India'.
31 August - 1 September, 2013 : National Seminar, organized by Akhil Bharatiya Sankala Yojana, Eastern Zone & India Gandhi Centre for National Integration, Visva-Bharati, Santiniketan, paper presented on 'Vedantic perspectives on life'.
13 - 15 February, 2014 : National Seminar organized by Department of Sanskrit, Pali & Prakrit, paper presented on 'Svetasvatopanisad main yog vimarsa'.
5 - 7 March, 2014 : National Seminar, organized by the Department of Sanskrit, Pali & Prakrit, paper presented on 'Naiyayikanam laknavrte svarupam'.

22 - 23 March, 2014 : National Seminar, organized at JNU New Delhi, paper presented on 'Baudha sahitya main dhammapada ka sthan tatha isme pratipadita samajika sacetanata'.

Gargi Bhattacharya

31 August - 1 September, 2013 : National Seminar on 'Swami Vivekananda on Socio-Cultural Integrity of Bharat', organized by Akhil Bharatiya Itihas Sankalan Yojana, Eastern Zone and Indira Gandhi Centre for National Integration, Visva-Bharati, paper presented on 'Women Empowerment and Swami Vivekananda : Relevance to the Current Socio-Cultural Issues'.

7 - 11 January, 2014 : International Conference on 'Mahabharatam', organized by Oriental Research Institute, Sri Venkateswara University, Tirupati, paper presented on 'New Interpretations of the Mahabharata : Bengal in Modern Era'.

13 - 15 February, 2014 : National Seminar on 'Vedic Interpretations : Trend and Technique', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati and Maharshi Sandipani Rashtriya Veda Vidya Pratishthan, Ujjain, paper presented on 'Āryabhivinaya and Dayananda Saraswati's Interpretation : Some Philosophical Aspects'.

5 - 7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati, paper presented on 'Maxims in Indian Tradition : Semantic Interpretations'.

Laxmidhar Malik

4 August, 2013 : National Seminar on 'Various religious sects in Shrikshetra' held at Collectorate conference hall Puri, paper presented on 'Sri Sampradaya in Shrikshetra'.

31 August - 1 September, 2013 : National Seminar on 'Swami Vivekananda and Socio-Cultural Indignity of Bharat', organized by Akhil Bharatiya Itihas Sankalan Yojana, Eastern Zone and Indira Gandhi Centre for National Integration, Visva-Bharati, paper presented on 'Puranic elements in Swami Vivekananda's Thought'.

13 - 15 February, 2014 : National Seminar on 'Vedic interpretinous : Trend and Technique', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati and Maharshi Sandipani Rashtriya Veda Vidya Pratishthan, Ujjain, paper presented on 'Puranic Interpretation of Vedic thoughts'.

24 - 25 February, 2014 : National Seminar on 'The Impact of Tribal Culture on Indian literature' organized by the Department of Odia, Visva-Bharati, paper presented on 'Tribal Culture in Puranic literature'.

5 - 7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati, paper presented on 'Sabdasakti in Puranic literature'.

22 - 23 March, 2014 : National Conference on 'Pali and Indian Culture' organized by J.N.U. New Delhi, paper presented on 'Political history of ancient India in Pali commended'.

Priti Laxmi Swain :

13 - 15 February, 2014 : National Seminar on 'Vedic interpretinous : Trend and Technique', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati and Maharshi Sandipani Rashtriya Veda Vidya Pratishthan, Ujjain, paper presented on 'Concept of Rta : A Vedic insight'.

5 - 7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati, paper presented on 'Laghumnjusayam namna vicara'.

Ram Pramol Kumar

7-9th February 2014 : International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' organized by Centre for Buddhist Studies, Visva-Bharati, paper presented on 'Origin and Development of Bhikkhuni Sangha'.

13 - 15 February, 2014 : National Seminar on 'Vedic interpretinous : Trend and Technique', organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati and Maharshi Sandipani Rashtriya Veda Vidya Pratishthan, Ujjain, paper presented on 'vedic sahitya main ullikhit kuchh mahatvapurnapadon ki tulanatmaka samikhya'.

5 - 7 March, 2014 : National Seminar on 'Indian Tradition of Sabdasakti and Semantic Interpretation', organized by

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Department of Sanskrit, Pali & Prakrit, Visva-Bharati, paper presented on 'Indian tradition of Sabdasakti and Semantical Interpretation-according to Mammata'.

Extension Activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and Students of the Department -

Niranjan Jena

Working as a Teacher Warden in the International Boys' Hostel, Purvapally, Visva-Bharati since August 2013.

Harekrushana Mishra

Working as a Vice-Principal of Bhasha Bhavana, Visva-Bharati.

Gargi Bhattacharya

Worked as Co-ordinator of all cultural programmes held in different occasions of Department.

Laxmidhar Malik

Working as NSS Programme Officer from 15/04/2012 to 15/02/2014 and working as a NSS Programme Co-ordinator of the University from 16/02/2014 to till date.

Ram Pramol Kumar

Working as a Teacher Warden in the Senior Boys' Hostel, Vidya Bhavana Hostel, Purvapally, Visva-Bharati since August 2013.

Publications within the year April 2013- March 2014

Aruna Ranjana Mishra

'Patriotism in Modern Sanskrit Poetry'; Shodhdhara; Vol-2, No-1, 2014; pp. 159-64; ed., P.C. Padhy, Abohar (Punjab); ISSN : 2320-2726.

Arun Kumar Mondal

'Sanskrit Manuscripts in Visva-Bharati : A Historical Reflection'; Krti Raksana; Vol. 8 Nos. 1-4, August 2012- March 2013; p. 21-25; ISSN - 2319-5304.

Jagat Ram Bhattacharya

'Concept of Brahmacarya in Jainism'; Indological Essays, (A Volume in Felicitation of Professor Satya Ranjan Banerjee); Kolkata; Sanskrit Sahitya Parishat and Sanskrit Pustak Bhandar, 2014, pp. 307-315, ISBN 978-93-83368-55-6.

Niranjan Jena

'Ecological Awareness Reflected in Buddhism'; Shodha Samikha; Vol. III, Issue -II, July to December, 2013; Vinaya Bhavana; Visva-Bharati, Santiniketan, ISSN : 2249-5045.

'Global Fraternity as Reflected in the Atharvaveda'; Padma Parag; February 2014; Department of Sanskrit, University of Kashmir, Hazratbal, Srinagar.

'Manusmrti and Women's Rights'; Dynamics of Human Rights; ed. Dr. P.K. Das; Bankura; Ramananda College, Bishnupur; 2013; ISBN : 971-81-921246-1-2.

Harekrushna Mishra

Edited Seminar Bulletin of National Seminar on "Socio-Cultural Integrity of Bharat" by Akhila Bharatiya Itihas Sankalan Yojana and Indira Gandhi Centre for National Integration, Visva-Bharati, 31st August - 1st September 2013.

Sanjay Kumar Mandal

'Bhikkhuni in Buddhism : An Observation'; Vidyawarta (Referred Journal); January to March 2014; ISSN - 23199318.

Gargi Bhattacharya

Ladun, Rajasthan; Jain Visva-Bharati Institute; ISSN 0974-8857.

'Teaching of Chandogya Upanisad : Stress Management and Balanced Life'; J.K.TIMES : A Multidisciplinary International Journal; July, 2013; Purulia: Jagannath Kishore College; ISSN - 2278-4047.

'Dayananda Saraswati's Vedic Tradition : Socio-ritualistic Movement in Modern India'; Sumedha; March, 2014; Santiniketan: Department of Sanskrit, Pali & Prakrit, Visva-Bharati.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development.

Rabindranath Tagore in his education system had introduced Sanskrit as compulsory subject in academic curriculum since the inception of Brahmacharya Vidyalaya at Santiniketan in 1901. It was accorded the status of a separate and full-fledged Department in 1951 when Visva Bharati was christened as a Central University and an Institution of National Importance. It offers Under-Graduate, Post Graduate, Certificate, Diploma, Foreign Casual Courses and Research Programmes in Sanskrit, Pali & Prakrit.

DEPARTMENT OF ODIA

Name of the students qualified in
UGC NET :

Abhimanyu Mohanta, Amita Priyadarshini Behera, Asutosh Rout, Biplab Ranjan Pradhan, Kalpataru Nayak, Pramod Kumar Das , Ranjita Patra, Raghunath Ojha, Rabinarayan Nayak, Siba Prasad Sa , Sridhar Barik , Sambhunath Thakur, Soumya Ranjan Behera,
UGC JRF : Chakradhar Das, Dayanidhi Parida, Dasarathi Biswal ,Swapnarani Singh

Departmental Seminar

National Seminar

The Department of Odia organized a two days National seminar during 23-24 February, 2014 on "Impact of Tribal Culture on Indian Literature'. Prof. Sabita Pradhan, Head of the Department delivered welcome address. Sri Santanu Kumar Acharya, a renowned Odia Novelist joined the session as chief guest. Prof. Tapati Mukherjee, Director, Rabindra Bhavana, Visva-Bharati delivered the inaugural speech. The key-note address was delivered by Prof. Prakash Chandra Pattanayak, Professor, Delhi University. 17 papers were presented in the seminar. There were intellectual interactions and discussions. Eminent scholars of tribal culture and literature like Dr. Hemant Kumar Das, Dr. Gourang Charan Dash, Prof. Kailash Pattanayak, Dr.Raghunath Meher, Prof. Ashok Kumar Dash, Dr. Harekrushna Mishra, Sri Sumedh Ranveer Bhagwan, Dr. Laxmidhar Mallick, Sri S. Senthil Prakas, Subash Roy, Dr .Atanu Sasmal, Dr. Sangita Saikia of different languages presented papers on relevant areas.

Centenary celebration of "The Tapaswinee":

The Department of Odia also organized another one day National Seminar on the eve of Centenary celebration of Tapaswinee (the Great creation of Poet Gangadhar Meher). The inaugural session was held on 12, November 2013. Prof. Adikanda Sahu delivered the key note address, Dr. Raghunath Meher was the guest of honour. Prof. Sabita Pradhan, Prof. Manoranjan Pradhan, Dr. S. K. Jena, Dr. R. K. Das , Dr. P. Patulia, Sri Indramani Sahoo, Sushri Sarita Pratap, Kamal lochan Das, Deepak Kr. Mishra, Barsha Biswal, Kalpataru Nayak, Anmares Thakur, Siba Prasad Sa, Dasarathi Biswal presented their papers.

Departmental Seminar held by Teaching faculties and dignitaries

Sl. No.	Speakers	Title of the Seminar	Date
1.	Prof.Devi Prasanna Patnaik	Uttar Adhunikata pariprekhire Odia Katha kalpana	20.08.2013
2.	Pratap Chandra Sadangi	Odia Bhasha o tar Samasya	29.08.2013
3.	Prof. Girish Ch. Mishra	Odia Lipira Computeri karana	06.09.2013
4.	Dr. Satrugna Pandab	Adhunka Odia Kabita	12.09.2013
5.	Prof. Siba Prasad Adhikary	Chasinka nimante Jaibasara	17.09.2013
6.	Prof. Arun Ranjan Mishra	Kalidas Odishara Ki ?	24.09.2013
7.	Dr.Bijayananda Singh	Odia Gadya Sahitya: Pyarimohan Acharya	01.10.2013
8.	Banaja Basini Barik	Galpika Radhabinod Nayak	29.10.2013
9.	Dr. Santosh Kumar Ratha	Kabitar Bhasha	25.11.2013
10.	Krupasagar Sahu	Mo Jeevan : Mo srujana	28.01.2014
11.	Priyaranjan Pattanayak	Akhila Mohana Pattanayaknka galpara charitra	04.03.2014
12.	Prof. Sabita Pradhan	Raj Kisoriya Bhasasaili	11.03.2014
13.	Milan Mohanta	Loka Bidyara Gabeshana o Khetra adhyayana Padhhati	18.03.2014
14.	Prof. Tapodheer Bhattacharya	Sahitya Patha	22.03.2014
15.	Prof. Ananda Chandra Sahu	Odishara Sanskruti o Itihasa	25.03.2014

National and International standard Conference / Seminars / Workshop / Exhibition etc.

Sabita Pradhan

24, 25, September 2013 National Seminar on "Parajare pratiphalita Adibasi Sanskruti o Bhasa" organized by Dalmia College, Rajgangpur, made a paper presentation.

29th November 2013 National Seminar on "Rajkishore Roy centenary celebration" organized by Sahitya Academi, Delhi, made a presentation 'Rajkishore Raynka galpara gathana saili'

20,21th January 2013 National Seminar organized by Bengali Deptt, Visva-Bharati, made a presentation 'Odia Natakare Sampratika Prabhanata".

3-4 October 2013 delivered a talk on "Bhramana Sahitya" organized by Odisha Sahitya Academi. Bhubaneswar.

Kailash Pattanaik

23-25,October 2013.International seminar on 'Folklore: Re Inventing Past through Folk Traditions', jointly organized by JNU, ICSSR, IGNCa etc.at New Delhi .Presented a paper entitled 'Odessa of a Disobedient Hero',

20th & 21th April, 2013. National seminar on 'Contemporary Trends in Eastern Indian Novels' in VN College, Jajpur, Odisha. Presented Key Note Adress.

31th August & 1st Sept.2013. National seminar on 'Auto Biography,Biography,and Criticism' jointly organized by Sahitya Akademi and Sambalpur University, Sambalpur. Presented a paper entitled 'Uttara Swadhinatara Galpa Alochanara Alochanara',

3rd & 5th October 2013. National seminar on 'Novel', organized by Odisha Sahitya Akademi at Bhubaneswar. Presented a paper entitled 'Samakalina Odia Upanyasare Parikshya Dharmita'.

1st December 2013, Centenary national seminar on 'Laxmidhara Nayak', jointly organized by Sahitya Akademi, New Delhi and Utkal Sahitya Samaj, Cuttack. Presented a paper entitled 'Prema O Biplabara Rupakar: Laxmidhara'

21th January 2014.National seminar on 'Indian Literature: Contemporary Trends', organized by Department of Bengali, Visva-Bharati at Santiniketan. Presided over a session.

25th February 2014,National seminar on 'Impact of Tribal Culture in Indian Literature', organized by Department of Odia, Visva-Bharati at Santiniketan. Presided over a session.

13th February 2014.National seminar on 'Sahityarathi Laxminath Bezbarua', organized by Sahitya Akademi, New Delhi and Dibrugarh University, Dibrugarh. Presided in the valedictory session.

Refresher Course:

5th & 6th May, 2013,Delivered four lectures as Resource person at the Refresher Course of Odia, Sambalpur University, Sambalpur on 'Folk Theatres of Odisha '.

9-10 July, 2013,Delivered four lectures as Resource person at the Refresher Course of Assamese, Gauhati University, Guwahati on 'Contemporary Odia Novels' and 'Folk Performences of Odisha',

10-11 February,2014,Delivered four lectures as Resource person at the Refresher Course of Bodo, Gauhati University, Guwahati on 'Bodo and Odia Short stories' and 'Performance Theory'.

3-4 March, 2014,Delivered four lectures as Resource person at the Refresher Course of Odia, Utkal University, Bhubaneswar on 'Experiments in Contemporary Odia Novels'.

Talk:

5th. January,2014. Guest of Honor in the Inaugural session of National Writers meet, organized by Kadambinee, Bhubaneswar.

31 May,2013 Chief Guest, Ashok Chandan Memorial meeting at Patnagarh, Bolangir, Odisha.

Manoranjan Pradhan

22 July 2013 Delivered a Lecture organized by Department of Sanskrit,Brimingham University and presented a paper entitled made "Odia: on relation to Sanskrit Literature.

31,Aug & 1st Sept.2013 National Seminar on "Bhraman Sahitya'organized by Department of Odia, Sambalpur Univer-

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sity held on 31 Aug & 1st Sept, 2013 made a presentation on 'Visware Bhramana Sahityara Itihasa'
12th November, 2013 National Seminar on "Gangadhara Meher's Tapaswini: A Hundred Years Celebration'organized by Department of Odia, Visva-Bharati held on 12th November, 2013 made a presentation on 'Tapaswinee re Natakata'.
5th September 2013 National Seminar on " Odia Prabandha Sahitya" organized by Odisha Sahitya Academy ,Bhubaneswar, made a Presentation on "Odia Prabandha".
19,20,Dec.2013 Refresher Course on "Odia Fiction" organized by Sambalpur University,delivered a Lecture on "Tulanatmaka Prekhyapattare Odia Upanyasa.
Presided over the National Seminar on 'Impact of Globalization on Tribal language, literature and culture organised by language unit, Bhasha-Bhavana on 20th March, 2014.
28th March 2013 delivered a Lecture on Contemporary Odia Poetry at Annual Celebration of Khoyai Magazine.

Pramila Patulia

12th November, 2013 National Seminar on "Gangadhara Meher's Tapaswini: A Hundred Years Celebration'organized by Department of Odia, Visva-Bharati held on 12th November, 2013 made a presentation on 'Gangadhar meheranka Tapaswini Kavyare Sitanka Prati Abichar'.
25th January, 2014 - XXXth Annual Conference of the Paschimbanga Itihas Samsad at P.N. Das College, Palta, North 24 Parganas held during 24th - 26th January, 2014 made a presentation on 'Padmamali as a Historical Novel - Eka Alochana'.
21th March, 2014 National Seminar on 'Impact of Globalization on Tribal Language, Literature and Culture' organized by Assamese, Marathi & Tamil Language Units of Bhasha-Bhavana, Visva-Bharati in collaboration with Central Institute of Indian Language, Mysore held on 20th & 21st March, 2014 made a presentation on 'Modernization and Bathudi Cultural Society'.

Sarat Kumar Jena

12th November, 2013 National Seminar on "Gangadhara Meher's Tapaswini: A Hundred Years Celebration" organized by Department of Odia, Visva-Bharati held on 12th November, 2013 made a presentation on 'Satayu Bandhabi Tapaswini O Geetanjali"
22th December, 2013 National Seminar on 'Gangadhar Meher o Tapaswionee" organized by Department of Odia, Laxmipur College, Laxmipur,Odisha, made a presentation on "Tapaswinee: Gangadharabnka Saphala Kabyakruti".also chief Guest of Inaugural session.
28,29, March 2014 National Seminar on "Tribal culture of South Odisha" organized by Department of Odia, Berhampur University, Odisha on 28,29, March 2014 made a presentation on " Tribal Culture of South Odisha".
9th June 2013 Delivered a talk as a Chief Guest at Mahanagar Book Fair, Berhampur,Odisha.
23th December 2013 Delivered a talk as a Chief Guest at Semiliguda Press Club, Koraput, Odisha.

Rabindra Kumar Das

1-9-2013, National seminar on 'Swami Vivekananda on Socio-Cultural Integrity of Bharat', jointly organized by Akhila Bharatiya Itihasa Samkalana Yojana, Eastern zone and Indira Gandhi Centre for National Integration, V.B., Santiniketan from Aug.31-Sept.01-2013, made a paper presentation on 'Spirituality and its Plane-Structure in Vivekananda's Writings'.
12-11-2013, National seminar on 'Gangadhara Meher's Tapaswini: A Hundred Years Celebration', organized by Odia. Deptt., V.B., Santiniketan on 12-11-2013, made a paper presentation on 'Kendriya Chetanara Alokare Tapaswinira Sita : Eka Akalana'
15-2-2014, National seminar on 'Vedic Interpretations : Trend and Technique', jointly organized by Deptt. Of Sanskrit, Pali and Prakrit, V.B. and Maharshi Sandipani Rashtriya Veda Pratisthana, Ujjain from 13th-15th Feb--2014, made a paper presentation on 'Some Vedic Words as Viewed by Sri Aurobindo'
14-06-2013, National seminar on 'Sri Jagannath Consciousness', organized by UTKALA, Sri Jagannatha Seva Samiti, Kolkata from July 11th--15th 2013, made a paper presentation on 'Sri Jagannatha Consciousness: on Spiritual Point of View.'.

Indramani Sahoo

12th November, 2013 National Seminar on 'Gangadhara Meher's Tapaswini: A Hundred Years Celebration' organized by Department of Odia, Visva-Bharati held on 12th November, 2013 made a presentation on 'Tapaswinee kavyare Chhanda'.

Research Project.**Ongoing Research Project in the Departemnt.**

Name of the Teacher	Dr. Sarat Kumar Jena
Name of the Project	Animal Mask Dance of South Odisha : A Profile
Sponsoring Agency	UGC Minor Research Project
Amount Sanctioned	Rs.50,000/-
Duration of the project	1.5 years
Name of the Teacher	Dr. Rabindra Kumar Das
Name of the Project	UGC Major Project "Odia Lexicography :A Critical Study on Evolution"
Sponsoring Agency	UGC, new Delhi.
Amount Sanctioned	Rs. 794,000/-
Duration of the project	2 years (2012-2014).

Extension Activities, Cultural and Other Activities:**Departmental**

1. A picnic was organized in the month of March. All the academic and non-academic staff members along with students and scholars participated and enjoyed the picnic.
2. Conducted departmental Study tour to Gangtok and Darjeeling, escorted by Dr. Sarat Kumar Jena, Dr. Pramila Patulia and Prof. Manoranjan Pradhan.
3. Published the wall magazine "Utkal Bharati" (2 issues) and "Spandan" by the Department students and scholars.
4. The Deptt. celebrated Fakir Mohan Jayanti with the deliberation on F. M. Senapati and students staged a drama written by F. M. Senapati directed by Dr. S. K. Jena.
5. Dr. Sarat Kumar Jena took two NET HELP classes with power point.
6. Dr. R. K. Das participated and composed music in three cultural programmes in different departments of Visva-Bharati.
7. Sri Indramani Sahoo took the Charge of the Departmental seminar library from April 2014 and reorganized it.
8. Sri Indramani Sahoo took several NET help classes.
9. Dr. Sarat Kumar Jena Directed a Drama "Aann" on Annual function of Odia Sahitya Parishad, Santiniketan on 20.4.2013
10. Dr. Sarat Kumar Jena attended Zonal level youth festival as an Escort of Visva-Bharati Team at LMN Mithila University, Darbhanga, Bihar from 21 to 27 Nov 2013.
11. Dr. Sarat Kumar Jena Attended Inter-University National Youth Festival as an Escort at Kurukshetra University, Kurukshetra, Haryana on 18-22 February 2014.

Academic distinction**Kailash Pattanaik**

UGC nominee, Advisory committee of SAP programme of the Department of Assamese, Gauhati University, Guwahati. Awarded "Nityananda Mohapatra Katha Sammana" at Bhadrak Book Fair on 30th. November, 2013 for contribution towards Odia Fiction.

Rabindra Kumar Das

Member of The Editorial Board of The Divya Unmilana, Quarterly, Pondicherry, India since January, 2014. Special Editor of The Medieval Literature of Indo-Aryan Languages for The Swabhiman Journal of Science and Litera-

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ture, A Trilingual Peer Reviewed Quarterly From The House Of Swabhiman, Year-27, Vol. No.05, Oct.-Dec.-2013, ISSN- 2320-1479.

Life Member of Fakirmohan Sahitya Parishada, Balasore, Odisha since Aug. 2013.

Indramani Sahoo

Member of Advisory Board, The Mugupur Samachar, A Monthly Odia News Paper. Mugupur, Keonjhar

Publications

Text Books:

Sabita Pradhan

Bramhaputrar Akhapakhare, Odia translation, Published by Sahitya Akademi, 2013. ISBN: 978-81-260-4085-8

Kailash Pattanayak

Sahityarathi Laxminath Bezbarua, Guahati, Guahati University, March, 2014

Manoranjan Pradhan

Kanhu Charan Chayanika (Ed), Published by Sahitya Akademi, 2013. ISBN: 978-81-260-4215-9

Magazine :

Sarat Kumar Jena

Sahitya (Editor): October, 2014

Research Papers:

Kailash Pattanaik

"Sarala Mahabharata Akshyana: Byapti O Bishruti", - Srujanika, Khaira College, Khaira, Balasore, Odisha.

"Sarala Mohabharata: Moukhika Parampara" - Sahakara, Cuttack, October, 2013

"Samakalina Purbhabharatiya Upanyasara Dhara" Istahara, Bhubaneswar, October, 2013

"Prakrutira Biswarupa: Shesha Sharata"- Kushumita, Bhubaneswar, October, 2013

"Chandanara Gandha: Ashok Chandanka Galpa Prasanga"- Sapatarshi, Sambalpur University, Sambalpur, October-December, 2013

"Assamiya Galpanadira Dheu" Kadambinee, January, 2014.

"Apankteya Upalaru Utthita Ahalya" Jhankar, Cuttack, January, 2014.

Sabita Pradhan

"Ramachandra Beheranka galpara Bhababastu" Pratibesi, October, 2013

"Samayara Dena" Srujani Samalochana Jugalabandi, Bhubaneswar, February, 2014

Pramila Patulia

"Odishar Gramchaler Rakamari Pitha--Ekoti Alochana", Abhijatrifari, Folklore Education & Research journal, Page 255-258, June, 2013 (ISSN 2231-2862).

"Bathudi Jatira Nirguna Upasana", Saptarshi, July-Sept., 2013, Page 31-32. (ISSN- 0973-3264)

"Bathudi Samajara Bibabha Kalian Kandana Gita", Athora Deula, January, March, 2014, Page 24-26.

Sarat Kumar Jena

"Pradarshanasila kala; Eka Bihangabalokan" - Jhankar, Monthly, Cuttack, April, 2013.

"Bharatare Mahilamananka Sthiti o Bikash" - Aaina, Monthly, Cuttack, October, 2013. (page No-157-159)

"Tragedya swarupa o baisistya"- Nataka Kabita prasarita digbalaya, Ed-Sanghamitra Mishra, Agraduta, Cuttack, Nov-2013. (Page No.179-182), ISBN: 81-86354-123-5

"Pragatibadi Siddhantara abhinab alochana: Pragatibadi kabya chetana"- Drushya drushyantara Jeevana Natak, Ed.- Prof.. Sanghamitra Mishra & others Athena Books, Bhubaneswar, 2014 (page No-232-239), ISBN: 13 978-93-80759-73-9

"Naribada : Bharatiya Prekshyapatta" - Saptarshi, Sambalpur University, Sambalpur, Odisha, Oct-Dec,2013,(page No-8-15), ISSN: 0973 3264

"Trutiya Padare samparkara Paribhasha" - *Kabyadrusti*, Athena Books, Bhuneswar, Jan, 2014.(page No-114-118), ISBN: 13 978-93-80759-42-5

Rabindra Kumar Das

"Bipathanara Bepathu Sparshare 'Asanta Anala' Upanyasa", The Swabhiman Journal of Science And Literature [A Trilingual Peer Reviewed Quarterly From The House Of Swabhiman], Year-27, Vol. No.03, April-2013, ISSN- 2320-1479: 69-80.

"Mahakavyika Byaktitwa Sarala Das", The Swabhiman Journal of Science And Literature [A Trilingual Peer Reviewed Quarterly From The House Of Swabhiman], Year-27, Vol. No.04, July-2013, ISSN- 2320-1479: 75-80

"Some Memorable Moments with the Mother"- Tara Jahar, (Transcreation), The Divya Unmilana, Quarterly, 1st year, 1st issue, July-2013, Pondicherry, India. PP. 39-42

"Chaturbidha Ahamkara", The Divya Unmilana, Quarterly, 1st year, 1st issue, July-2013, Pondicherry, India. Pp 53-55

"Paramparikata, Adhunikata Ebang Uttara Adhunikatara Manadandare Binapaninka 'SheshaGhara'", Akhyansha, Oct.2013, Balasore, Odisha. PP. 30-36

"Odishare Samskruta Matrubhasha Prasanga", Sahakara, Oct.2013, Cuttack, Odisha, PP. 47-49

"Bipathana Banam Bipathana", Alakananda, Monthly, Oct.2013, Balasore, Odisha. PP. 35-38

"Chayana, Chayana Tatwa Ebam Chayanara Bibidha Ruparekha", Sahitya, Kalinga Sahitya Samaj, Berhampur, Ganjam, Odisha, Saradiya Bisesanka Oct, 2013. PP. 30-34

"A Spiritual Vs Mystic Analysis in Between Gitanjali and Arghyathali", Sahitya Bahika, Fakirmohan Sahitya Parishada, January, 2014. PP. 120-124

"Rajanitira Niyatrana Madhyare 'Vande Mataram'" Jagdish Bhattacharya, The Divya Unmilana, Quarterly, 1st year, 3rd issue, January-2014, Pondicherry, India. Pp. 30-32

"Rajanitira Niyatrana Madhyare 'Vande Mataram'"Jagdish Bhattacharya, The Divya Unmilana, Quarterly, 1st year, 4th issue, March-2014, Pondicherry, India. Pp. 35-38

"Krupasagaranka 'Sesha Sharata': Eka Brutiya Bisleshanamulaka Prayasa", Kusumita, Sarata Sankhya, Aug.-Sept.-2013, Bhubaneswar, Odisha. Pp. 84-91

Indramani Sahoo

Laxminath Bezbaruahka Jiban: Ek Singhabalokan" translated from English to Odia-"Sahityarathi Laxminath Bezborah",Ed: Prof. Kailash Pattanaik, Gauhati University, Guwahati,March,2014.Page No.25-36.

Laxminath Bezborah: Eka Parichayatmaka Alekhya- translated from English to Odia-"Sahityarathi Laxminath Bezborah",Ed: Prof. Kailash Pattanaik, Gauhati University, Guwahati,March,2014.Page No. 37-53.

Designing New Course:

A brief history on the development of Vibhaga and indication of the future plan:

The department of Odia, Visva-Bharati, was conceived in 1947 and was established as a regular Post-Graduate Department in 1951. This department is the only Post-Graduate Department and learning centre of Odia Language and Literature in the country outside Odisha. It imparts teaching programmes both in Under-Graduate, Post-graduate, M.Phil & Ph.D. level. Besides it also offers Certificate and Diploma courses. Since its inception, the department has been maintaining a high standard in research and teaching activities.

The department has planned to

- a) Enrich the existing folk artifact museum.
- b) Start conducting Refresher course in Odia.

DEPARTMENT OF ARABIC, PERSIAN, URDU & ISLAMIC STUDIES

Brief history of the Department of Arabic, Persian, Urdu & Islamic Studies & future plans for development: Towards broader scope of rapprochement among different religious ideologies and better understanding among different schools of thought, the inception of the Dept. of Islamic Studies, a research oriented department was meant to move towards the realization of the desired goal of Gurudev Rabindranath Tagore. With the passage of time some more courses were introduced to become a full fledged Dept. of Arabic, Persian, Urdu & Islamic Studies. At present the courses run in the Dept. include Arabic, Persian & Urdu at certificate & Diploma level and Persian at Undergraduate & Postgraduate level. The department is striving hard to evolve itself as a centre of excellence for comparative studies of Indo West Asian language, literature & culture. Towards the realization of this goal some more courses are to be introduced like Arabic initially as a subsidiary course at Undergraduate level followed by full course at under and post graduate level. With the introduction of the courses, the Dept. will be in a better position to achieve the cherished goal of Gurudev who expressed such desire during his visit to Persia and Baghdad.

Departmental Seminar:

Prof. Azarmi Dukht Safavi, AMU, Aligarh, U.P delivered Nizam Endowment Lecture on "Perso-Islamic Influence on Medieval India" held by the Department of Arabic, Persian, Urdu & Islamic Studies, Bhasha Bhavana, Visva-Bharati, Santiniketan, W.B. on 03/02/2014. It was attended by all faculty members, students and research scholars. Conferences/Seminar/Workshop/Exhibition etc:

Wasif Ahmad

3 March 2013: National Seminar on Post Shaad Trinity of Urdu poetry of Bihar (Parwaiz Shahedi Ijteba Rizwi, Jameel Mazhari), organized by P.G. Dept. of Urdu, R.N. College, Hajipur, Vaisali, Bihar from 3-4 March 2013; read a research paper on "Contribution of Jameel Mazhari to the development of Urdu Poetry"

5 March 2013: International Seminar on the Literary-Cultural Dynamics of Persian Research, organized by Institute of Persian Research, A-4 Shibli Road, Aligarh Muslim University, Aligarh, U.P from 5-7 March 2013; read a research paper on "Amir Khusrav's Contributions to the development of Indo-Persian Language, Literature and Culture"

21 August 2013: UGC-Sponsored Refresher Course in Research Methodology in Oriental Studies (Persian) organized by UGC-Academic Staff College, Aligarh Muslim University, Aligarh, U.p from 21/8/2013-10/9/2013; participated

21 June 2013: National Seminar on "Contemporary trends in Indian literature", organized by the Dept. of Bengali, Visva-Bharati on 21st June 2013; read a research paper on "Socio-political and cultural life of 20th century modern Indian society as reflected in Urdu short stories of Ismat Chughtai"

28 December 2013: National Seminar on the India History of Congress (IHC), organized by the Department of History, Ravan Shaw University, Cuttack, Orissa. From 28-30 December 2013; read a research paper on "Maktubaat-e-Sadi (The hundred letters) of Makhdoom ul Mulk Shaikh Sharfuddin Ahmad Yahya Maneri; A Study"

29 March 2014: National Seminar on Philosophical wisdom of Omar Khayyam and its impact on Eastern and Western Philosophical Circles, organised by the Dept. of Persian, Gauhati University, Gopi Nath Bardoloni Nagar, Gauhati, Assam from 29-31 March 2014; read a research paper on "Omar Khayyam's Rubaiyyat and his philosophy".

Md. Faique

24 April 2013: National Level Seminar sponsored by UGC, at Lady Brabourne College, Kolkata, from 24-27 April 2013; read a research paper on "Amir Khusrau and his Musical Impact on Indian Classical Music".

5 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in The New Global Order", organized by Vinaya Bhavana, Visva-Bharati, from 5-6 September 2013. He chaired a session on the theme "Rabindranath Tagore and Radhakrishnan on Education".

5 September 2013: National Seminar, organized by Vinaya Bhavana, Visva-Bharati, from 5-6 September 2013; read a research paper on "Maulana Rumi: A Unique Philosophy of Miracle of Peace and Fraternity".

3 February 2014: National Seminar on "Treasure of Tranquility: Philosophical Legacy of Indian Education", organized by the Department of Education Vinaya Bhavan, Visva-Bharati, from 3-4 February 2014; read a research paper on "Philosophy of Islam Education: Classical Views and M.F. Gulen's Perspective".

9 February 2014: National Seminar on "Achievements of Women in Indian Theatre", organized by Women's Studies Centre in Association with Karmi Madlai, Visva-Bharati, from 9-10 February 2014; read a research paper on "Achievements of Women and Indian Theater".

18 February 2014: National Seminar on "Ramakrishna Paramahansa and The Mystic Tradition of Eastern India", organized by the Deptt. Of Philosophy and Comparative Religion, Visva-Bharati, from 18-19 February 2014, read a research paper on "Sri Ramakrishna and His Mystical Views".

20 February 2014: National Seminar on "Impact of Globalization on Tribal Language, Literature and Culture", organized by Assamese, Marathi & Tamil Language Unit of Bhasha Bhavana, Visva-Bharati in Collaboration with Central Institute of Indian Languages, Mysore, 20-21 February 2014; read a research paper on "Globalization and Tribal Identity".

24 February 2014: International Seminar on the "Arabic & Persian Poetry in India", organized by Deptt. Of Arabic, Persian, University of Calcutta, Kolkata in Collaboration with Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata, from 24-25 February, 2014; read a research paper on "Amir Khusrau and Iqbal: Similarities of Vision".

12 March 2014: National Seminar on "Insha Writing in Persian: A Literary Source of Cultural and Historical Information", organized by Deptt. Of Persian University of Delhi, from 12-13 March, 2014; read a research paper on "Socio-Political Scenario during the Rule of Aurangzeb in Light of Exchange of Letters".

29 March 2014: National Seminar on "Philosophical Wisdom of Umar Khayyam and its Impact on Eastern and Western Philosophical Circles", organized by The Deptt. Of Persian, Gauhati University and sponsored of I.C.P.R, U.G.C 29-3 March, 2014; read a research paper on "Omar Khayyam as a Genius from The Philosophical Perspective".

Aurang Zeb Azmi

9 September 2013: National Workshop on "Unani Medicine: Beyond Traditional Legacy", organized by IHF, New Delhi at Jamia Hamdard, New Delhi, on 9 September 2013; read a paper on "Unani Literature in Arabic & Persian Languages".

27 October 2013: International Symposium on "Muscat; History & Civilization" organized by Humanities Research Centre, Sultan Qaboos University, Muscat, Oman, from 27-28 October 2013; read a paper on "Muscat kama Shahidaha Rochenberger, Dir'sah Ta'liliyyah Naqdiyyah (Muscat as Observed by W. S. W. Ruschenberger, A Critical & Analytical Study). 4 November 2013: He delivered a lecture on "Aspects of Medical Science in the Quran" at IHF Headquarter, New Delhi, India.

5 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in the New Global order" organized by Vinaya-Bhavana, Visva-Bharati, Santiniketan, W.B from 5-6 September 2013; read a paper on "Ancient Indian Treasure of Knowledge and the Arab Muslims".

3 February 2014: National Seminar on "Treasure of Tranquility: Philosophical Legacy of Indian Education", organized by Department of Education, Vinaya-Bhavana, Visva-Bharati, Santiniketan, W.B, from 3-4 February 2014; read a paper on "Educational Institutions during the Period of the Prophet Muhammad (PBUH)".

24 February 2014: International Seminar on "Arabic & Persian Poetry in India", organized by Dept. of Arabic & Persian, University of Calcutta, Kolkata, W.B, from 24-25 February 2014; read a paper on "Development of Arabic Poetry in Azamgarh District, An Analytical Study".

Atiqur Rahman

23 March. 2013: International Seminar on Contribution of European Scholars to Persian Studies in India, organized by Iran Society, Kolkata, from 23-24 March 2013; read a research paper on "Dr. Alloys Sprenger & His Contributions to the Persian Studies".

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21 September 2013: SRC in Research Methodology in Oriental Studies (03 week) Refresher Course, organized by UGC Academic Staff College, Aligarh Muslim University, Aligarh, U.P.

20 February 2014: National Seminar on Impact of Globalization on Tribal Language Literature & Culture, organized by Assamese Marathi & Tamil Language Unit of Bhasha Bhavana, Visva-Bharati, in collaboration with Central Institute of Indian Languages, Mysore, from 20-21 February 2014.

3 February 2014: National Seminar on "Treasure of Tranquillity: Philosophical Legacy of Indian Education" organized by the Department of Education, Visva-Bharati University, from 03-04 February 2014. Read a research paper on "Sufism and Some Notable Iranian & Indian Sufis."

24 February 2014: International Seminar on "The Arabic & Persian Poetry in India", organized by the Dept. of Arabic & Persian, University of Calcutta, in collaboration with Maulana Abul Kalam Azad Institute of Asian Studies, from 24-25 February 2014; read a research paper on "Sabke-e-Hindi: An Introduction to the Poets of this Style".

5 March 2014: International Seminar on "The Literary-Cultural Dynamics of Khusrow's Thought and Art" organized by Institute of Persian Research, Aligarh Muslim University, Aligarh, from 05-07 March 2014; read a research paper on "Amir Khusrow Dehlawi & Sabk-e-Hindi".

Ongoing Research Project in the Dept:

i) Name of the teacher : Prof. N.A. Khan

ii) Name of the Project :

a) Perspective of Modern Persian Poetry

b) Taranaha-i- Tagore (Persian translation of Tagore's Songs)

c) Persian Translation of *Visva Parichay* by Rabindranath Tagore

i) Name of the teacher : Dr. Md. Faique

ii) Name of the Project

a) Sir Edward Denison Ross and his contribution to the development of Persian and Islamic Studies in Bengal.

iii) Sponsoring agencies Self supported

iv) Amount sanctioned Nil

i) Name of the teacher : Dr. Aurang Zeb Azmi

ii) Name of the Project : Persian Translation of *Visva Parichai* by Rabindranath Tagore

iii) Sponsoring agencies Self supported

c) Name of the teacher : Dr. Atiqur Rahman

ii) Name of the Project : Persian Articles of Maarif monthly, Selection & Analysis

iii) Sponsoring agencies Self supported

Extension activities:

Prof. (MAJ) N.A. Khan conducted 15th August 2013 Independence Day & 26th Jan 2014, Republic Day ceremonial parade.

Publications within the year April 2013-March 2014:

Prof. N A Khan

Articles in Journals

Mauqayiate Adab wa Adeeb Dar Ijtema wa Tarjumaye Adabi (Persian), "Safeeneh", A research Journal of Persian Language, Literature and Culture, No. 11, 2013, pp17-25, University of the Punjab, Lahore, Pakistan.

Wasif Ahmad

a) Books

Persian Text (Prose), 2013

Persian Text (Poetry), 2013

b) Articles published in Journal

"Nazari e Kutah bar Naqde Qat e Burhan" in the *Qand-e-Parsi* quarterly Issue no. 5-58, Spring-Autumn-Winter, 2012-

2013, Persian Research Centre, Cultural House of Islamic Republic of Iran, 18th Tilak Marg, New Delhi-01
 Sheikh Sadi: Alambarde e Insangrai o Hamziste e Masalimat Aameez (Sheikh Sadi: A Champion of Human Values and Peaceful Co-Existence), Indo-Iranica Quarterly, Journal of Iran Society, ISSN: 0378-0856, Volume: 65, Issue: 3&4, Iran Society, 12-Dr. M. Ishaq Road, Kolkata-16
 Insaanam Aarzust, in the volume of the seminar published by the Institute of Persian Research, AMU, Aligarh, in 2013
 Hazrat Amir Khusrav Dehlavi in the volume of the seminar published by the Institut of Persian Research, AMU, Aligarh, in 2013

Aurang Zeb Azmi

Al-Maqālāt al-Sabā'a, New Delhi, al-Kitāb International, Oct. 2013, ISBN No. 978-81-922739-9-0
 Muscat fi al-Arba'iniyyāt min al-Qarn al-'Ishrīn. New Delhi, Roseword Books, Oct. 2013, ISBN No. 81-925611-3-4
 Al-Hijāb, New Delhi, Roseword Books, Dec. 2013, ISBN No. 978-81-925611-1-0
 Al-Judhūr, New Delhi, Roseword Books, Jan., 2014, ISBN No. 978-81-925611-4-1
 Al-Khawālī, New Delhi, Roseword Books, Feb., 2014, ISBN No. 978-81-925611-5-8
 Bi thatu Ahmad bin al-Na'mān, New Delhi, Roseword Books, March, 2014, No. 978-81-925611-6-5

Completed:

A-Ṭalḥ al-Manḍūd fi Shu'arā' i al-'Arabīyyah al-Hunūd (An Encyclopedia of Indian Poets of Arabic Language)
 Ta'wīl-u-Āyāt (Interpretation and Explanation of Some Difficult Verses of the Qur'an)
 Al-Turāth al-Manqūl (Arabic Translation of "Tarājim" of Shibli Nomani in Urdu)
 Al-Māmūm (Arabic Translation of "Al-Māmūm" of Shibli Nomani in Urdu) Collection of Arabic Writing of Shibli Nomani (Collection & Edition)

Articles in Journals:

Published:

Tafsīr Tadabburul Qur'ān-6 (Qur'anic Commentary Tadabbur-e-Qur'ān), Majalla-tul-Hind (MH), Vol.: 2 No.: 2 April-June, 2013 Page No.: 7-55, ISSN : 2321-7928
 'Al-Qurba' (The Relation), MH, Vol.:2 No.:2 April-June, 2013 Page No.: 202-211, ISSN: 2321-7928
 'Sundūqun li al-Judād' (Fund for New-comers), MH, Vol.:2 No.:2 April-June, 2013 Page No.:212-214, ISSN: 2321-7928
 'Tafsīr Tadabburul Qur'ān-7' (Qur'anic Commentary Tadabbur-e-Qur'ān), MH, Vol.:2 No.:2 July-September, 2013 Page No.:8-21, ISSN:2321-7928
 'Inyatul 'Arab bi al-'Ulūm al-Hindiyyah' (Interest of the Arabs in the Indian Sciences), MH, Vol.:2 No.:2 July-September, 2013 Page No.: 95-120, ISSN:2321-7928
 'Al-Prūfīsūr Abu Maḥfuz al-Karīm al-Ma'sūmī, Ḥayātuhu wa Āthāruhu' (Professor Abu Maḥfuz al-Karīm al-Ma'sūmī, Ḥayātuhu wa Āthāruhu' (Professor Abu Mahafuz al-Karim Masumi, Life & Works), MH, Vol.:2 No.:2 July-September, 2013 Page No.: 146-176. ISSN: 2321-7928.
 'Al-Ghayrat' (Zeal), MH, Vol.:2 No.:2 July-September, 2013 Page No.: 207-209, ISSN: 2321-7928
 'Al-Hadiyah bi al-Milād' (Present on the Occasion of Christmas Day), MH, Vol.: 2 No.: 2 July-September, 2013 Page No.: 210-214, ISSN: 2321-7928
 'Tafsīr Tadabburul Qur'ān-8' (Qur'anic Commentary Tadabbur-e-Qur'ān), MH, Vol.: 2 No.: 2 October-December, 2013 Page No.: 7-22, ISSN: 2321-7928
 'Al-Imām al-Farāhi wa Nazriyyātuhu' 'An al-Injīl' (Imam Farāhi's View over Gospel), MH, Vol.: 2 No.: 2 October-December, 2013 Page No.: 23-45, ISSN: 2321-7928
 'Ala' Hāmish a -Sīrah, Dirāsah Taḥlīliyyah' Naqdiyyah (A Critical & Analytical Study of 'Ala Hāmish a-Sīrah', MH, Vol.: 2 No.: 2 October-December, 2013 Page No.: 94-113, ISSN: 2321-7928
 'Muṣhāhadat fi al-Hind', MH, Vol.: 2 No.: 2 October-December, 2013 Page No.: 174-212, ISSN: 2321-7928

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'Qiṣṣatu Intihāri' (The Story of My Suicide), MH, Vol.: 2 No.: 2 October-December, 2013 Page No.: 224-227, ISSN: 2321-7928

'Ala' Ḥāmish a-Sīrah, Dirāsah Tahliliyyah Naqdiyyah' (A Critical & Analytical Study off 'Ala Ḥāmish a-Sīrah', al-Asimah, Vol.: 5, 2013, Page No.: 59-65, ISSN: 2277-9914

C) Articles in Book Chapters

Atiqur Rahman

Research Paper/ Articles:

'Naziri Nishapuri wa Sabk-e-Hindi', (Persian), "Safeeneh", A research Journal of Persian Language, Literature and Culture, No. 11, 2013, pp77-97, University of the Punjab, Lahore, Pakistan.

'Women's Social Status in India' (English), V.B. "Manushi" Annual Magazine, June, 2012-Feb.2014, Women Studies, Visva-Bharati, Santiniketan, page no. 75-84.

Articles in Book Chapters

'Prof. Syed Mohammad Tarique Hasan aur Unke Rofqa' (Urdu), Saughat: on Prof. Syed Mohammad Tarique Hasan Ki Shakhsi Infradiyat Aur Shaerana Shaoor, Compiled by Dr. G.A. Quadri, New Delhi, Educational Publishing House, 2013, Page No. 24-28, ISBN 978-93-5073-172-7

Academic distinctions gained by teachers/scholars or the Dept as a whole:

- a) Prof. N. A. Khan was appointed as subject expert on the ad hoc, Research Advisory Committee in the subject Urdu by the Vice Chancellor, Burdwan University
- b) Prof. N. A. Khan Member, West Bengal Urdu Academy
- c) Dr. Aurang Zeb Azmi is the Editor, *Arabic Quarterly* Majalla-tul-Hind, Kishalaya Academy, Berachampa Kaokepara, North 24 Parganas, W. B. since Jan.2012 till the date.
- d) Dr. Aurang Zeb Azmi is the Member, Editorial Board Bi-annual Trilingual *Hazara Islamicus*, Hazara University, Pakistan
- e) Dr. Aurang Zeb Azmi is the Member, All India Educational Movement, since Feb. 2011 till the date.
- f) Dr. Aurang Zeb Azmi is the Member, Old Boys Association of Madrasatul Islah, Delhi Unit at Jamat-e-Islami Campus, Abul Fazl, Jamia Nagar, New Delhi-25
- g) Dr. Aurang Zeb Azmi is the President, Maulana Azad Ideal Educational Trust, Bolpur, West Bengal, since 2014 till the date
- h) Dr. Aurang Zeb Azmi is the Editor, Arabic Quarterly "Majalla-tul-Hind", West Bengal, since Jan. 2012 till the date.
- i) Dr. Aurang Zeb Azmi is Secretary, Islahi Healthcare Foundation, New Delhi, since 2010 till the date
- j) Dr. Azmi's Quarterly Arabic Research Journal was reviewed by Prof. Ayyub Jaduddin Naqwi in *Thaqafatul Hind* (64/3/79-99) Arabic Quarterly issued by the ICCR, New Delhi, India
- k) Dr. Azmi's Quarterly Arabic Research Journal was reviewed by Dr. Waris Mazhari in "Tarjaman Darul Uloom" (9/Jan-March/74-75) Urdu Monthly issued from Tanzim Abna-e-Qadim Darul Ulomm Deoband, New Delhi
- l) Dr. Azmi's work "Masqat fi al-Arba'iniyyat min al-Qarn al-Ishrin" was reviewed by Dr. Waris Mazhari in "Tarjaman Darul Uloom" (9-10/April-June, 2013) Urdu Monthly issued from Tanzim Abna-e-Qadim Darul Ulomm Deoband, New Delhi
- m) Dr. Atiqur Rahman is a Member of Academic and Professional Bodies

1. Life member of All India Oriental Conference (AIOC).
2. Life member of Iran Society, Kolkata.
3. Life member of Fikr-o-Nazar, "Urdu Quarterly Research Journal" Aligarh Muslim University, Aligarh.
4. Life member of Urdu monthly magazine "Tehzib-ul-Akhlaque" Aligarh Muslim University, Aligarh.

Any other relevant information

The Department is very keen to evolve itself into full-fledged Centre of Indo- West Asian Studies.

Department of Indo-Tibetan Studies

In 1954, the Department of Indo-Tibetan Studies was established as a separate Post-Graduate Centre with the financial assistance from the University Grants Commission (UGC) to promote research on age long cultural relations between India and Tibet. For a better understanding of the Tibetan texts and to remove ambiguities during the study of independent Tibetan commentaries several scholastic Tibetan Lamas were invited to Santiniketan to work in collaboration with Indian scholars, to promote systematic study and investigation of Indo-Cultural relations down the ages. The aims were many: to arrange for the study of Tibetan culture in general and the Buddhism preserved in Tibetan translation in particular; to restore the lost Buddhist Sanskrit texts preserved in Tibetan translation; to make texts available in translated versions both in Indian and foreign languages; to promote research in the Indo-Tibetan fields through exchange of information with other cultural and scientific bodies in India and abroad engaged in similar research; to publish monographs containing results of study and research undertaken by the staff and students of the institute; to train Tibetan scholars in the study of Sanskrit and Pali texts as well as Sanskrit scholars in the study of Tibetan texts; to provide for a course in classical and modern Tibetan leading to a Certificate Proficiency followed by an advanced course leading to a diploma in the same subject; and to establish a Research Library and Museum to cover the Indo-Tibetan studies field.

Visva-Bharati is now a leading international Centre for research on Indo-Tibetan Studies and Buddhism. In the 1970s renowned Tibetologist and Buddhist scholars like John Reynolds, Martin Boord, Keith Dowman and James Low had their research basis in Santiniketan. In 2003, the Department celebrated its Golden Jubilee, which was inaugurated by His Holiness the XIV Dalai Lama. The Center for Buddhist Studies was launched in 2007 under X Plan.

The objectives of the Department of Indo-Tibetan Studies as envisioned by Prof. Probodh Chandra Bagchi as under:

1. To promote systematic study and investigation of Indo-Tibetan Cultural relations down the ages.
2. To arrange for study of Tibetan Culture in general and Tibetan Buddhism in particular.
3. To restore old Sanskrit texts preserved in Tibetan translation
4. To make Tibetan texts available in translated versions both in Indian and foreign languages.
5. To promote research in the Indo-Tibetan field through exchange of information with other cultural and scientific bodies in India and abroad engaged in similar research.
6. To publish monographs containing results of study and research undertaken by the staff and students of this department.
7. To train Tibetan scholars in the study of Sanskrit and Pali texts and Sanskrit scholars in the study of Tibetan texts.
8. To provide a course in Classical and Modern Tibetan language leading to a Certificate of Proficiency followed by an advanced course leading to a diploma in the same subject.
9. To establish a Research Library and Museum to cover the Indo-Tibetan Studies field.

In this way, the Department of Indo-Tibetan Studies is to recover the lost treasures of Indian culture from the Tibetan and Tibetan allied source materials.

Appointment of a Faculty Member

Dr. Norbu Gyaltzen Negi was appointed as a new faculty member on the post of Assistant Professor in the Department of Indo-Tibetan Studies w.e.f. 22nd July 2013.

Seminar/Workshop/Conference attended within the year April 2013-March 2014

Anandamayee Ghosh

International Conference on Asiatic Society (ASIIC) on 'Asiatic Society and the Western World: A Survey' from 21st-23rd February 2014 organized by Deendayal College under the University of Delhi: Attended as an observer.
International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' from 7th to 9th February, 2014 organized by Centre for Buddhist Studies, Visva-Bharati, Santiniketan: Attended as an observer.

Sanjib Kumar Das

International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' from 7th-9th February, 2014 organized by Centre for Buddhist Studies, Visva-Bharati, Santiniketan. Paper submitted and presented on 'Bhikkhuni Sangha: An Issue of Criticism and Counter Criticism'

National Seminar on "Impact of Globalization on Tribal language, Literature and Culture" from February 20-21, 2014 organized by the Department of Assamese, Marathi & Tamil, Visva-Bharati, Santiniketan in collaboration with CIIL, Mysore. Paper submitted and presented on "Stakna Monastery: A Forgotten Spiritual Heritage in India."

International Seminar on 'New dimensions of Buddhist literature (other than Pali) for understanding Buddhism' from 7th-9th February, 2014 organized by the Department of Pali, University of Calcutta. Paper submitted and presented on 'New Dimensions of Buddhist Literature (other than Pali) for understanding Buddhism'.

National Seminar from November 15-16, 2012 organized by Cheena Bhavana, Visva-Bharati, Santiniketan in collaboration with ICS, New Delhi. Paper submitted and presented on 'Evolution and decline of Buddhism in China: A Brief Account'.

Prakriti Chakrabarty

Attended the International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' from 7th-9th February, 2014 organized by Centre for Buddhist Studies, Visva-Bharati, Santiniketan.

Shedup Tenzin

Delivered a special lecture from 4th to 17th September 2013 for the workshop entitled "Tibetan Scriptology & Spoken Tibetan" organized by the Department of Tibetan Studies, Nava Nalanda Mahavihara (Deemed to be University), Bihar

Sonam Zangpo

Two-Day National Seminar on 20-21 Feb. 2014 on "Impact of Globalization on Tribal language, Literature and Culture" organized by Assamese, Marathi, and Tamil Dept., Bhasha-Bhavana, V.B. Participated and presented the paper on 'Impact of Globalization on Buddhist Culture and Heritage in context to Lotsawa Rinchen Zangpo's Monasteries and Stupas in Ladakh',

Three-Day International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' organized by the Centre for Buddhist Studies, Visva-Bharati, Santiniketan from 07-09 February 2014. Participated and presented the paper on 'Expansion of Bhikkhuni Sangha in North-West Himalayan Regions of India: A Glimpse.'

Two-Day National Seminar on "Contemporary Trends in Indian Literature" organized by Department of Bengali, V.B. from 20-21 January 2014. Participated and presented the paper entitled 'Himalayi Bhoti Sahitya ka Ladakh Ke Adhunik Samaj Mein Disha Evam Dasha'.

Three-Day International Conference on "Foundations of Buddhism as Revealed in Pali Language", organized by Department of Pali Language, University of Calcutta from 31st. December, 2013-2nd January, 2014. Participated and presented paper on "Contemporary Buddhism and Study of Pali Language in Ladakh: An Overview."

Bhikkhu Prajnalankar

Three-Day International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' organized by the Centre for Buddhist Studies, Visva-Bharati, Santiniketan from 07-09 February 2014. Participated and presented the paper on 'Is the Buddha biased against Women?'

Ongoing Research/Restoration/Translation/Editing Projects**Sanjib Kumar Das**

1. Essential Compendium of Tenets 'The Grains of Scriptures and Logic, English Translation and Editing, be published by Karmapa International Buddhist Institute, Qutub Institutional Area, New Delhi.
2. *gzhung tha dad pa rim par bklag pa'i 'khor lo las sde pa tha dad pa bstan pa bsdus pa zhes bya ba* (Samayabhedo-pravacana-cakrasena-kayabhedo-parideshanam-nama-samgraha); Restoration, Translation and Editing Visva-Bharati,

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Santiniketan. An amount Rs. 2360/- was sanctioned for the Partial Research Project.

3. Translation of the book entitled, Encyclopedia of Himalayan Buddhist Cultural Kosh into English, be published by Central Institute of Buddhist Studies, Leh. Remuneration will be given after completing the work.

Extension activities/NSS/Cultural and other activities

1. A Five-Day Short-term course on Applied Buddhism was held by the Centre for Buddhist Studies, Visva-Bharati in collaboration with Santiniketan Ambedkar Buddhist Mission, Santiniketan w.e.f. 20th January 2014 running under the umbrella of the Department of Indo-Tibetan Studies. A number of more than fifty Buddhist followers including the students and staff members of the Centre and Department of Indo-Tibetan Studies took active part.
2. A number of 13 eminent scholars including the faculty members of the Department of Indo-Tibetan Studies were invited by the Centre for Buddhist Studies to deliver special/endowment lectures on different topics related to Buddhist Studies.
3. A Three-Day International Seminar on 'Bhikkhuni Sangha and its Importance in Buddhism' was organized by the Centre for Buddhist Studies from 7-9 February, 2014.

Publications within the year April 2013-March 2014

Anandamayee Ghosh

A. Books

Buddhist Vinaya: A Focus (w.r.t Vinaya): Delhi: Buddhist World Press, 2013; ISBN:13:9789380852287

B. Articles in Journals

Madhya Asiai Prapta Saddharma-Pundorika Sutraer Samkhipta Paryalochana, Nalanda Patrika (A Journal of Buddhism and Indian Culture), Ed. Bhikkhu Sumanapal, Kolkata: 2013

C. Articles in Book Chapters

patti Rules in Respect of Buddhist Tantra Practitioner ed. Bodhi Chakra (A Journal of Buddhist History and Culture) Patna: 2013.

Sanjib Kumar Das

A. Books

Sutrasamuccaya by Nagarjuna, Restored, Tr. & Ed. Sanjib Kumar Das. Sarnath: Central University of Tibetan Studies, Varanasi, U.P., 2013; ISBN: 978-93-80283-31-2

Manual for Tibetan Lesson [Tibetan-Hindi-English, tr. & ed. Sanjib Kumar Das. New Delhi: Karmapa International Buddhist Institute, Qutub Institutional Area, 2013; ISBN: 978-81-927189-1-0

Mini-Dictionary [Hindi-English-Tibetan], Kalimpong: Shri Divakar Publications, Darjeeling, 2014; ISBN: 938183308-7

Schismatic Buddhism in India, Ed. Sanjib Kumar Das. Delhi: Department of Indo-Tibetan Studies in collaboration with Buddhist World Press. ISBN: 9789380852393

B. Articles in Journals

and his work : A Study; Nalanda; Vol. XVIII-XLIX. 2014, Ed. Sumanapal Bhikkhu, Kolkata: ISSN: 2320-7264

The Concept of Buddha-nature: An Analysis; Journal of The Department of Pali; Vol. Sixteen, 2013, Kolkata: Department of Pali, University of Calcutta. ISSN: 09710655

C. Articles in Book Chapters

Evolution of Sautr ntika School and its first c rya: A Brief Account, The Schismatic Buddhism in India, Ed. Sanjib Kumar Das, New Delhi: Department of Indo-Tibetan Studies in collaboration with Buddhist World Press, ISBN: 9789380852393

Ideology and Importance of Pratityasamutpada, Department of Indo-Tibetan Studies in collaboration with Buddhist World Press, ISBN: 9789380852393

Others

1. Vice-Principal, Bhasha-Bhavana for a period of two years w.e.f. February 10, 2012.
2. External member for the Board of Studies, Songtsen Library, Centre for Tibetan and Himalayan Studies, Dehradun, Uttaranchal for a period of two years.
3. I/C Director, Centre for Buddhist Studies, Visva-Bharati, Santiniketan.
External Academic Council Member, Karmapa International Buddhist Institute, Qutub Institutional Area, New Delhi.
4. Convener of the International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' from 7th-9th February, 2014 organized by Centre for Buddhist Studies, Visva-Bharati, Santiniketan.

Shedup Tenzin

Articles in Journals

Re-establishment of Sakya Monastic Education Centres in India and Nepal (Nalanda Buddhism and Indian Cultural Journal), Nalanda an International Journal, Vol. XVIII-XLIX. Ed. Sumanapal Bhikkhu, 2014, Kolkata: ISSN: 2320-7264

Sonam Zangpo

Articles in Book Chapters

Ideologies of Buddhism in the Hinayana and Mahayana. *The Schismatic Buddhism in India*, Ed. Sanjib Kumar Das, New Delhi: Department of Indo-Tibetan Studies in collaboration with Buddhist World Press, ISBN: 9789380852393

Others

1. Editorial Board Member of BUDDHIST WORLD PRESS, New Delhi.
2. Advisory Board Member, Centre for Women Studies, Visva-Bharati.
3. Honorary Advisory Board Member of the 'Sankalpa' Research Centre for the Incubation Hub Project at Pahargans sponsored by NABARD.
4. In-charge of Seminar Library w.e.f. April 2011.

Bhikkhu Prajnalankar

Articles in Book Chapters

Truth as found in Madhyamika School of Buddhist Philosophy and Its Importance in Understanding the True Meaning of Life, *The Schismatic Buddhism in India*, Ed. Sanjib Kumar Das, New Delhi: Department of Indo-Tibetan Studies in collaboration with Buddhist World Press, ISBN: 9789380852393

A Brief History on the development of the Department

1. Since the last one year the students have been showing some development in their endeavor for studies and in their partaking of extension activities. Yet more effort has to be put in by the faculty members to promote the academic standard of the Department especially on the international level, at the same time lifting students up to a more enlightened view and experience on the purpose of their studies, beyond the mere hunt for best marks without proper effort.
2. The organization of the Seminar Library by a Library Assistant is a must for a well-organized research and study centre.
3. The standard of teaching and studies is to be enhanced with punctual and proper recording of class attendances and stricter evaluations of merits.
4. For regular campus cleaning, garden maintenance and waste management, a regular sweeper-cum-gardener must be appointed soon. At the same time, it is to be observed by teachers, staff members and students alike.

DEPARTMENT OF SANTALI

Departmental Seminar (Speakers, Title of the Seminar, Date) -

1st April 2013: Organized a Special Lecture by Dr. Nikudimus Tudu, HOD, PG Dept. of Santali, Sidhu Kanhu Murmu University, Dumka, Jharkhand held at Dept. of Santali, B.B., V.B. Santiniketan.

21st April 2013: National conference on "Problem & Prospects of Santali literature" jointly organized by UMUL & Department of Santali, Bhasha-Bhavana, Visva-Bharati, Santiniketan from 20-21st April 2013 made a Co-coordinator Dr. Dhaneshwar Manjhi, Teacher-in-charge.

5th May 2013: 108th Birth Anniversary of Gurugomke Raghunath Murmu celebration organized by Department of Santali, Bhasha-Bhavana, Visva-Bharati, Santiniketan made a coordinator Dr. Dhaneshwar Manjhi, Teacher-in-charge.

19th July 2013: Organized a Special Lecture by Dr. Nikudimus Tudu, HOD, PG Dept. of Santali, Vidyasagar University, Midnapur, W.B. held at Dept. of Santali, B.B., V.B. Santiniketan.

19th July 2013: Organized a Special Lecture by Dr. Raran Hembrom, HOD, PG Dept. of Santali, Sidhu Kanhu Murmu University, Dumka, Jharkhand held at Dept. of Santali, B.B., V.B. Santiniketan.

10th August 2013: Organized a Special Lecture by Mr. Shyam Charan Hembrom, Ex. HOD, PG Dept. of Santali, Sidhu Kanhu Murmu University, Dumka, Jharkhand held at Dept. of Santali, B.B., V.B. Santiniketan.

23rd September 2013: Organized a Special Lecture by Dr. Nikudimus Tudu, HOD, PG Dept. of Santali, Vidyasagar University, Midnapur, W.B. held at Dept. of Santali, B.B., V.B. Santiniketan

National and International standard Conference/Seminar/ Workshop / Exhibition etc. attended by the Teachers/ Research scholars in details.

Sanat Hansda Seminars etc.

12-13 March, 2014: Presented a paper in the International Conference on 'Tribes in Transition: Conflict over Identity'. Organized by the Department of English, Jamia Millia Islamia, New Delhi in collaboration with the Ghosaldanga Bishnubati Adibasi Trust, Santiniketan. Funded by the Indian Council of Social Science Research, New Delhi.

7-8 December, 2013: Presented a paper in the National Seminar on 'Santali Short Story and Poem'. Organized by - Paschim Banga Santali Academy (Under Tribal Development Department) W.B. at Santidev Kaksha, Bolpur, Birbhum.

25 January, 2014: Presented a paper on 'Grammatical aspect of Santali etymology & Syntax' in the National Seminar on 'Santali Grammar' at Auditorium Hall, Natun Bhavan, Sammilani Medical College & Hospital, Bankura. Organized by - Paschim Banga Santali Academy (Under Tribal Development Department) W.B.

Book

Our Swamiji, Institute for Development of Educational Activities (IDEA), Supported by - Department of Information and Cultural Affairs. Government of West Bengal.

Paper

"Jarowa Land" in Bakjulu Journal. Vol.2 No.8, December 2013.

Others

Attended the UGC Sponsored Refresher Course in Linguistics dated 29.07.2013 to 18.08.2013 at UGC Academic Staff College, Ranchi University Ranchi, Jharkhand.

Participated as a member of Bhasha-Bhavana Football Team Member (as Team Captain) in the Visva-Bharati Staff Football Tournament 2014.

BOS, UGBS, PGBS member of one other University.

PI in the Project titled "Shallow Parser tools for Indian Languages (SPT-IL)".

Dhaneshwar Manjhi Seminars etc.

21st April 2013: National conference on "Problem & Prospects of Santali literature" jointly organized by UMUL & Department of Santali, Bhasha-Bhavana, Visva-Bharati, Santiniketan from 20-21st April 2013 made a Co-coordinator, Chair, delivered a lecture/ presented a paper and vote of thanks.

5th May 2013: 108th Birth Anniversary of Gurugomke Raghunath Murmu celebration organized by Department of Santali, Bhasha-Bhavana, Visva-Bharati, Santiniketan made a coordinator, chair and delivered a lecture.

30th July 2013: National Seminar on "Adibasi Sahitya: Swarup & Sambhawnayen" Jointly organized by JNU and ICSSR, New Delhi from 29-30th July 2013 made a Presentation on 'Santali Bhasha Sahitya' (Santali Language literature).

26th August 2013: Workshop on the compilation of glossaries in Santali language in Chemistry, Physics, Mathematics, History, Philosophy, Political science & Sociology organized by National Translation Mission (NTM), Central Institute of Indian Language, Mysore in collaboration with the Department of Santali, Sido-Kanho Birsha University, Purulia, West Bengal from 26th August -2nd September 2013, made a Santali Language expert.

5th October 2013: All India Santali education convention jointly organized by west Bengal forum for Save the Right to Santali education and Adibasi culture and ASECA Asansol subdivision Branch from 5th-6th October 2013 made a Resource person & Moderator for the convention on Santali education policy.

22nd December 2013: Santali Language Day celebration in which day Santali language include as a Indian constitution 8th schedule organized by Durgapur Adibasi Public Welfare Committee delivered a lecture as a guest.

14th March 2014: UGC sponsored one day national seminar on "Santali literary problem and its solutions" organized by Department of Santali, Vidyasagar University, Medinipur, West Bengal, made a presentation on the same topic.

26th March 2014: A two day collaborative National seminar on "Santal culture and their religious beliefs" organized by the department of Philosophy and religion, Visva-Bharati, Santiniketan and the Anthropological Survey of India, Kolkata from 25th -26th March 2014 presented a paper entitled "Santal Dharmik Biswas Ebam Sanskriti" (Santal Culture and Religious Beliefs).

Articles in Journals

World indigenous people day (souvenir) 2013 topic on "Santal Bhasha Sahitya (Santal language literature)" published by Jharkhand Indigenous People's Forum, Khorha Toli, Kokar, Ranchi-1, editor board Jerome Jerald Kujur, Sunil Minz and others.

The Swabhimani Journal of Science and Literature (SJSJL) topic on "Medieval Santali Literature" published by a Trilingual peer Reviewed quarterly from the house of Swabhimani, Berhampur and Swabhimani camp office, Hostel Road, Odisha, 2014: ISSN -2320-1479.

Others

Sub Editor, Journal of Akhara Published by P. K. Foundation, Ranchi, Jharkhand from June-August, 2012.

Member of Bharat Basundhara National level literary and cultural society, New Delhi, chief secretary Santali language literature and culture.

Member of equal opportunity cell in Visva-Bharati, Santiniketan

Teacher-in-Charge of Department of Santali, Bhasha-Bhavana, Visva-Bharati.

BOS, UGBS, PGBS, Syllabus Board Member of other Universities.

Co-PI in the Project entitled "Shallow Parser tools for Indian Languages (SPT-IL)".

14th April 2013: 122nd Birth Anniversary of Dr. B.R. Ambedkar celebration organized by SC., ST., and OBC employees' welfare association of Visva-Bharati attends the programme.

5th May 2013: 108th Birth Anniversary of Gurugomke Raghunath Murmu celebration organized by UMUL literary & cultural magazine in Santali Andrews Palli (west) Santiniketan, delivered a lecture.

30th June 2013: 159th Santal Hull day celebration organized by Adibasi Socio Educational & Cultural Association

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(ASECA) W.B., at Gobindpur Chandibala P. School, Dighra, delivered a lecture as a Chief-Guest.

6th July 2013: 159th Santal Hool day celebration organized by Nildanga Sidhu-Kanhu Memorial Club, Nildanga, Birbhum, delivered a lecture as a Chief-Guest.

15th November 2013: Santali Dance Competition (Dong) organized by West Bengal Adibasi Development Co-Operative Nigam Ltd Suri, acted as a judge.

Sport competition (football) organized by Nildanga Sidhu-kanhu Memorial Club Birbhum, delivered a lecture as chief-guest.

Dukhia Murmu

Seminars etc.

5-7 August, 2013: Presented a paper on "A programme on Tribal Development in west Bengal: Prospect of Santali and Kurmali Language" in the three day National Seminar at Sidhu-Kanho-Birsha University, Purulia, organized by National Book Trust, India.

Participated in the Workshop on the compilation of glossaries in Santali language in Chemistry, Physics, Mathematics, History, Philosophy, Political science & Sociology organized by National Translation Mission (NTM), Central Institute of Indian Language, Mysore in collaboration with the Department of Santali, Sidho-Kanho Birsha University, Purulia, West Bengal from 4-15 November, 2013 as a Santali Language expert.

Workshop "Complication of Glossary in Santali Language for History and Sociology" on 4th to 15th November 2014 organized by National Translation Mission (NTM), Central Institute of Indian Language, CIIL, Mysore.

25-26 January, 2014: Presided over the third session on 'Grammatical aspect of Santali etymology & Syntax' in the two day National Seminar on 'Santali Grammar', organized by Paschim Banga Santali Academy (Under Tribal Development Department) W.B. at Bankura.

Others

Executive member of Paschim Banga Santali Academy, Under Tribal Development Department, Sidhu Kanu Bhavana, Bidhan Nagar, Kolkata.

External member of BOS, Sidho-Kanho-Birsha University, Purulia

Mansaram Murmu

Seminars etc.

25-26 March, 2014: Presented a paper titled 'Santal Religion and Culture' in two day National Seminar, organized by The Department of Philosophy and Comparative Religion, Visva-Bharati, Santiniketan and Anthropological Survey of India, Kolkata.

Publication:

Published an article 'Bangadungri tuyu' in Mulukchandu Magazine, page no. 3-14, Vol-4, October, 2013.

Tapan Soren

Seminars etc.

2-3 February, 2014: Presented a paper in the two day National Seminar on "Poet Sarada Prasad Kisku" at Balurghat, W.B, organized by Paschim Banga Santali Academy, Kolkata.

Others

Participated in the workshop "Complication of Glossary in Santali Language for History and Sociology" on 4th to 15 November 2014 (10 Days) at CIIL Mysore.

Ramu Hembrom

Study leave for one year 01.01.2014 to 31.12.2014.

Ongoing Research Projects in the Department -

i. Name of the Teacher- (I) Mr. Sanat Hansda (PI) (II) Dr. Dhaneshwar Manjhi (Co-PI)

- ii. Name of the Project-Development of Shallow Parser tools for 12 Indian Language (SPT-LL)
- iii. Sponsoring Agencies-Government of India, Ministry of Communication and Information Technology, Department of Information Technology.
- iv. Amount Sanctioned - 36.00 Lakhs.
- v. Duration of the project- 3 Year

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department. -

1. The Santali Dept. actively participated and opened a stall at Ananda Mela, Visva-Bharati. Stall Named is Sibil-Sorom and Student Team Leader was Dr. Dhaneshwar Manjhi.
2. The Santali Department Arranged the 'Birsore' (Picnic) at Amar Kutir January-2014.
3. Participation as a volunteer of all students of Santali Department on Poush Mela December-2013.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department : -
Modified the syllabus of Certificate, Diploma and Advanced Diploma in Santali Language course.

Department of Marathi

The Marathi Language Unit offers Certificate, Diploma and Advanced Diploma Courses.

Research scholars in details.

20-21st February 2014: Organized two day National Seminar on "Impact of globalization on Tribal language, literature & culture."

Ranbir Sumedh Bhagwan

Seminars etc.

5 January 2014: "Feminism, Physical and mental work field of women in Marathi literature" organized by the Garifa Maitreye Granthagar, 24 Parganas W.B.

15 September 2013: "Asmitawonki Rajniti aur Rajbhasha Hindi" organized by the Dept .of Hindi, Visva-Bharati.

24-25 February 2014: "Impact of Tribal Culture on Marathi literature" organized in collaboration with the Dept. of Odia, Visva-Bhara

Publications

"Bhumandlikaran aur Arun Kale ki kavita; Bhashik Sandarbh," Bhashiki (Hindi Journal) 2014. ISSN NO-23208171.

"Maharashtratil Mahamanthnacha Ladhwayya Bhashykar: Prabodhankar Thakrey," Vidrohi Disha (Marathi Journal), 2014. ISSN NO-978-81-922643.6.3.

"Aadivasi Sanskriti ka Marathi Sahitya par Prabhav," Paironkar (Hindi Journal), 2014. ISSN NO-2320-5601.

Others

Participated in the Refresher course in 'Linguistics' from 29.07.2013-18.08.2013.U.G.C. Academic Staff College, Ranchi University, Ranchi.

Two day National seminar on 'Impact of globalization on tribal language, literature culture' organized by Assamese, Marathi & Tamil Department. Bhasha-Bhavana, Visva-Bharati. 20th & 21st Feb. 2014. Joint Convener.

ASSAMESE LANGUAGE UNIT

The Assamese Language Unit offers Certificate, Diploma and Advanced Diploma Courses.

1. Departmental Seminar (Speakers, Title of the Seminar, Date) - 2 day National Seminar on IMPACT OF GLOBALIZATION ON TRIBAL LANGUAGE, LITERATURE & CULTURE, on 20TH & 21ST February, 2014, organized by Assamese Language Unit . 35 speakers from Santiniketan & 25 speakers from outside Santiniketan.

Sangita Saikia

Seminars etc.

20-21 April, 2013: Participated in a 2 day UGC Sponsored National Seminar in Vyasa Nagara Autonomous College, Jaspur, Odisha on "Trends in Eastern Indian Fiction with Special reference to the Assamese, Odia and Bengali Literature". Presented paper: "Contemporary Assamese Novels"

14-16 September, 2013: Participated in a 2 day National Seminar in Hindi Department of Visva-Bharati on the occasion of Hindi Divas 2013. Presented paper: "Discourse of Rajbhasha & Rastrabhasha In Context of Assam."

9-10 October, 2013: Participated as an expert in the planning meeting in connection with testing & evaluation in tribal languages under the National Testing Service-India in Central Institute of Indian Languages, Mysore.

3-4 January, 2014: Participated as an expert for Deuri Language in the 29th Grant in Aid meeting of Central Institute of Indian Languages, Mysore.

20-21 January, 2014: Participated in a 2 day National Seminar in Bengali Department of Visva-Bharati on "Contemporary Trends in Indian Literature". Presented paper: "New Trends in Assamese Novels: A Journey Towards Modernity"

9-10 February 2014: Participated as an expert for Assamese 2 day EMESCO publishers workshop at Osmania University, Hyderabad for the final vetting of stories translated in various languages under the Neo Literates Children Bank project.

20-21 February, 2014: National Seminar on "**IMPACT OF GLOBALIZATION ON TRIBAL LANGUAGE, LITERATURE & CULTURE**", organized by Assamese Language Unit in collaboration with Central Institute of Indian Languages, Mysore. Co-coordinator.

24-25 February, 2014: Participated in a 2 day National Seminar in Odia Department of Visva-Bharati on "The Impact of Tribal Culture on Indian Literature". Presented paper: "Reflection of Tribal Life in Assamese Novels: An Analysis".

Publications

Books

Text book on Deuri Assamese Pictorial Glossary, Published by-CIIL, Mysore, February 2014, ISBN: 978-81-73-43-145

Chapters in Books

A Chapter in Bharatiya Jana Bhasha Jarip (Peoples Linguistic Survey of India, Volume-V, Part-II, (a book on Language Repository of Assam, Ed. G.N.Devy, published by Banalata (on behalf of The Peoples Linguistic Survey of India, Bhasha-Research & Publication Centre, Vadodara), September-2013, Title of Chapter- The Deuri Language, ISBN: 978-81-922405-6-5

Papers in Journals

Name of the Journal- The Swabhimani Journal of Science & Literature A Journal with ISSN 2320-1479,

Title of Paper- Medieval Assamese Literature, A Descriptive Analysis, Year- 28, NO. 02, January, 2014

Designing New Course/Curriculum or any other teaching innovations introduced by the Department. - Designed new syllabus for 2 year Certificate and 1 year Diploma Course in Assamese Language.

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A brief history on the development of the Bhavana/ Sadana/ Vibhaga concerned with in indication of the future planes for development -

The Dept. has opened in June, 2007, after my joining as an Assistant Professor in Assamese and started with 2 students of Certificate course. Now this is a language unit with two year certificate and one year diploma course in Assamese Language.

Any other relevant information, which in the opinion of the Head of the Department is worth- reporting, should be included:

The only faculty Dr. Sangita Saikia has participated in a 21 day UGC Sponsored Refresher Course on Assamese Language & (organized by UGC Academic Staff College, Gauhati University, Guwahati, 24th June-14th July, 2013)

DEPARTMENT OF JAPANESE (NIPPON-BHAVANA)

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations:

Sudip Singha (UGC NET with JRF Dec 2013)

Departmental Seminar (Speakers, Title of the Seminar, Date)

1. October 28, 2013: Prof. M. Togawa, Hiroshima University, delivered a lecture on: **Okakura Tenshin and Rabindranath Tagore.**
2. November 15, 2013: Mr. M. Kawaguchi, the Consul General of Japan, Kolkata delivered a lecture on: **India - Japan Relationship.**
3. February 22, 2014: Prof. K. Uji, Chikushi Jogakuen University, Fukuoka, Japan delivered a lecture on : **Japanese Culture with special reference to Buddhism** 「日本文化について考える一特に仏教が与えた影響について」
4. February 25, 2014: Prof. Y. Kaburagi delivered a lecture on: **Indian Influence on Japanese Culture - Over 1000 Years Interaction across Eurasia.**
5. March 17, 2014: Mr. Susumu Tanaka, Director of Yokiso Museum, Nagoya, Japan presented a documentary video on: **Meeting of Rabindranath Tagore and Mr. Suketami Ito and The activity of Mr. P. Hariharan.**

National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/ Research Scholars in details.

Gita A Keeni

1. September 11 and 12, 2013: International Conference on "Miyazawa Kenji and his Notion of Co-existence and Co-prosperity: A Re-interpretation of his Literary Works" organized by the Center for Japanese Studies, JNU in New Delhi and presented a paper on : **Reinventing the spirit of Kenji Miyazawa, manifested in his poetic creation: AME NIMO MAKEZU, KAZE NIMO MAKEZU.**

宮沢賢治の詩的創造力を支える生き方を探る- 「雨にも負けず」を通して

2. November. 18- 23, 2013: Attended a UGC workshop at Delhi University, New Delhi.
3. March 21-24, 2014: Attended the international seminar on "Interactions: Tagore and Global/Local Personalities" organized by the Rabindra Bhavana, Visva-Bharati Santiniketan and presented a paper on : **Rabindranath Tagore and Tenshin Okakura in the light of India-Japan Cultural relation.**
4. April 24, 2013: Attended a seminar on "Japanese Grammar" at Kolkata. The seminar was conducted by Madam. Ryoko Iseda, the Language Officer of the Japan Foundation, New Delhi Office and was co-organized by the Eastern India Japanese Language Teachers' Association (EIJALTA) and the Indo Japan Language Studies Society, Kolkata, the Consulate General of Japan, Kolkata and the Japan Foundation, New Delhi.

Ajoy Kumar Das

1. April 24, 2013: Attended a seminar on "Japanese Grammar" at Kolkata. The seminar was conducted by Madam Ryoko Iseda, the Language Officer of the Japan Foundation, New Delhi Office and was co-organized by the Eastern India Japanese Language Teachers' Association (EIJALTA) and the Indo Japan Language Studies Society, Kolkata, the Consulate General of Japan, Kolkata and the Japan Foundation, New Delhi.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

1. May 9, 2013: Recitation of Tagore's Japanese rendering by Ms. Gita A Keeni and Mrs. Keiko Saito on the birth

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anniversary celebration of Tagore.

2. December 1-4, 2013: The Kyoto Bunkyo University, Kyoto, Japan visited Santiniketan, as a part of their Study Tour Program to know about the culture of Bengal. The team led by Prof. S. Sugimoto visited the department. During their stay they had interactive sessions with the students of the department.

3. December 22, 2013: Ms. Gita A Keeni compiled and directed a programme titled *Gitanjali - Kabitanjali* that was staged at Shantidev Ghosh Sabhagriha, Gitanjali. Foreign students studying in different departments of Visva-Bharati recited renderings of Tagore's poems in their mother tongue together with their counterpart's recitation in Bengali. Mrs. Keiko Saito, a guest teacher of the department and Ms. Yukino Amemiya, Japanese student of the Department of Philosophy and Religion and a student instructor of the department recited two of Tagore's poems in the Japanese rendering.

4. February 21, 2013: The Chikushi Jogakuen University, Fukuoka, Japan visited Santiniketan during February 21-23, 2014 and had a Cultural interaction with the students of the department.

5. March 10, 2014: A programme on Japanese Folksongs was organized by the department on the occasion of the 60th year of the Department. Mr. Osamu Koganei, the 'Goodwill Ambassador' from Miyajima, the world heritage site in Hiroshima gave a taste of Japanese Folksongs together with his narratives on each song.

Publications

i) Text books ii) Other books iii) Monographs iv) Research Papers. (Author(s), title of Paper, year of Journal volume No., Pages), v) Number of paper published in Peer/reviewed journals: National/International.

Gita A Keeni

ISBN 978-93-82663-16-4, 2013,

ISBN 978-93-82041-17-7,

2014,

3. Proverbs and Popular Sayings in Bengali and Japanese languages/cultures: A Critical view (from gender perspective), The Visva-Bharati Quarterly, vol. 21 Numbers 3 & 4 and vol. 22 Numbers 1 & 2 October 2012 to September 2013. pp. 83-102

4. Development of the Japanese Department at Visva-Bharati, Santiniketan, West Bengal, JAPANESE STUDIES AROUND THE WORLD 2013, New Trends in Japanese Studies, International Research Center for Japanese Studies, Kyoto, Japan, October 2013, pp35-37 世界の日本研究 — 日本研究の新しい動向

Ajoy Kumar Das

1. Comparative Analysis of the measures adopted by Japan and India for achieving the goal of Primary education, JOURNAL OF KNOWLEDGE Vol. No.1 ISSN 2321-791X, August 2013 National, pp. 231~238

Md. Aliul Azim (Research Scholar)

1. A Retrospect on Tagore Lectures in Japan, Journal of Knowledge (ISSN: 2321-791X), (Multi-Disciplinary. Peer Reviewed Journal), Vol, No 1, 1st August 2013, pp.199~206

Others

Ajoy Kumar Das

1. Participated in the Refresher Course on Comparative Literature at ASC Burdwan University (December 4- 24, 2013)

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

1. The department formulated a short term Japanese Language (3 months) curriculum for the students of Birbhum Institute of Engineering and Technology, Birbhum, West-Bengal.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development.

History:

Visva-Bharati, in keeping pace with its global character started the department with two-year Certificate and one-year Diploma Courses in the year 1954 under Dr. Probodh Chandra Bagchi. This is the first university in India to introduce Japanese Language courses. Since its inception many eminent Japanese Scholars came to Santiniketan on teaching assignments and were attached to the department. In the initial stage of the department, Japanese Buddhism and Language were taught.

In the year 1976, Japanese was introduced as a subsidiary subject in the High School level of Visva-Bharati. This is the only place, where Japanese Language is being taught at the High School level. Till 2001 the teachers of the department actively took part in the teaching of Japanese Language at the High School level.

In the year 1999, the department started four-year B.A. Honours Course. Subsequently, a two year M.A. Course was introduced in the year 2006.

Future Plans:

The department intends to expand with the view to keep in pace with the present requirement of Japanese Language in India. Along with its development in the new academic fields, the department aims to grow as a cultural center as well as a research center for Japanese Studies in order to have a better understanding of both the societies. The library with a large number of books in Japanese and in English (on Japan) can provide necessary guidance to the scholars of Japanese Studies. A number of Japanese universities and educational institutions in Japan are showing interest to establish cultural as well as academic ties with the department of Japanese, Nippon-Bhavana. This endeavour of the department may work as an impetus to enrich the international character of the university and strengthen the age-old cultural relation between India and Japan.

Particulars in details of the Departmental Library

[Please note that every column must be filled up as per requirement of the UGC]

- a) Area in (Sq. meters) quoted for the library) : 176 sq. mts.
- b) Is there separate provision for Reading Room? : Yes
- c) Total No. of books : 13,808+152 = 13,960
- d) Total Number of books purchased during the year received : 152
- e) Total Number of Periodicals Approximately : 400
- f) Total Number of Periodicals purchased during the year : The department receives periodicals from different Japanese institutes time to time.
- g) Total Number of Readers Approx. : 100
- h) Total No. Books and Periodicals issued : The departmental library does not have lending facility for students.
- i) Total Number of Staff-members (category wise) : None. Mr. Atsushi Yokozawa, a Japanese National, enrolled as a student of Russian Language, Certificate Course is offering honorary service to the library.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included

1. January 24, 2014, **Japan Education Fair** was organized. The representatives of Tokyo University and Ritsumeikan University office, India, came down to Santiniketan and explained various programmes, scholarships that were offered by different Universities of Japan.

2. January 24, 2014, Mr. T. Watanabe, the Managing Director of Nomura Research Institute Financial Technologies India Pvt. Ltd., Kolkata visited the department. The prime purpose of his visit was to interact with the students of the department. Consequent to this visit three of the students were offered placement recently.

3. February 28, 2014, Prof. Fransis Britto from Sophia University, Japan, visited the department and had an interactive session with the final year students of M.A. and B.A.

DEPARTMENT OF CHINESE LANGUAGE & CULTURE

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Scholarship/Achievements

In 2014, one student of the Department was selected by the Indian Government for Human Resource Development Ministry Scholarship, Government of India, to pursue studies in China under the India-China Bilateral Cultural Exchange Programme

A 15 member student delegation from Visva-Bharati visited Yunnan University from 26th May to 4th June, 2013.

Departmental Seminar(Speakers, Title of the Seminar, Date)

1. Orientation Programme for Army Education Corps Panchmari, Madhyapradesh was organized by the Department from 1st September to 3rd September, 2013.
2. An interaction Programme among the faculty and students of the Department of Chinese Language & Culture, Cheena-Bhavana, Visva-Bharati and Sena Sikshana Corps Prasikshan College Kendra, Panchmari, Madhyapradesh held on 2nd September, 2013. In the Department of Chinese Language & Culture, Cheena-Bhavana, Visva-Bharati.
3. 14th November, 2013: Visva-Bharati and Cheena-Bhavana jointly organized an International Conference on "TAGORE ACROSS CULTURES: THE NOBEL PRIZE AND BEYOND" Renowned Chinese scholars like Prof. Tan Chung, Prof. Wei Li Ming, Prof. Amartya Sen and others participated in this conference.
4. Conference on "CHINA INDIA: CHALLENGES TO THEIR GOOD NEIGHBOURLY RELATIONS" held on 23rd November, 2013 organized by Association for Asia Scholars and the Department of Chinese Language & Culture, Cheena-Bhavana, Visva-Bharati.
5. A Lecture session held on 17th January, 2014 at 3.30 pm. Prof. Tan Sen. Eminent Indian Scholar, delivered a talk on "Pan-Asianism and India-China Interactions during the Early Twenty Century".

National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research Scholars in details.

Jayeeta Ganguly

Seminar/Conferences/Workshop

24 January 2014: 30th Session of the Paschimbanga Itihas Sansad held at P.N. Das Collage, Palta, North 24-Parganas from 24th to 26th January, 2014; made a presentation on "Baudha dharme Bhaktivada"

7 February 2014: International Seminar on "Bhikkhuni Sangha and its importance in Buddhism" organized by Department of Indo-Tibetan Studies, Purba palli, Santiniketan from 7th to 9th February, 2014; made a presentation on "Bhikkunis in the Buddhist Tradition." Also chaired the last session of the seminar (Academic Session VIII)

Publications:

Article titled "Yoga--its significance in the Present-day World" published in the Felicitation Volume in Honour of Prof. (Dr.) Sohan Raj Tater published by Dr. Suresh Kumar Agarwal, Dr. Sanjeev Sogani, Shri Vijay Gupta, Dr. Vial Prakash Sharma, Dr. Vidyasagar Singh, Shri Bhupes Kumar Jain (Editor) in July, 2013. pp. 253-262.

Article titled "Tagore and China" published in The Visva-Bharati Quarterly Volume 20 Numbers 3 & 4 & Volume 21 Numbers 1 & 2, October, 2011 to September, 2012, Published on August 8, 2013 (22nd Sravana, 1420) pp. 61 - 67.

Avijit Banerjee

Seminar/Conferences/Workshop

1-2 June, 2013: International Conference "From Tagore to Mo Yan : The Universality of the One Hundred Year's Oriental Culture" organized by Tongji University , Shanghai, China; made a presentation on "Tagore and his Chinese Friends" 泰戈尔与他的中国朋友 in Chinese .Also Acted as a Moderator in one of the Parallel Sessions.

6-7 June, 2013: International Conference - China-South Asia Think Tank Forum, organized by Yunnan Academy of Social Sciences, Yunnan, China; made a presentation on "Strengthening People-to-People Relations: The keystone of India-China Relations"

24th September, 2013: UGC Sponsored One Day State Level Seminar on "Tagore in Translation" organized by Bethune College, Kolkata; made a presentation on "Translation of Tagore's Work in China"

8th to 9th November, 2013: International Conference on "Tagore's Legacy of Inter-Cultural Interaction: India, China and Civilizational States" organized by Institute of Chinese Studies, Delhi Presented; made a presentation on "Rabindranath Tagore's Contribution towards Modern Chinese Literature".

25th November, 2013: 9th Kolkata 2 Kunming Forum, organized by Centre for Studies in International Relations and Development, Kolkata; made a presentation on "Educational Cooperation- A potential Growth Area in India -China bilateral Cooperation".

25th November, 2013: International Conference on "China and India in South East Asia" organized by Association of Asia Scholars, New Delhi and MAKAIS, Kolkata; made a presentation on " Chinese Diaspora in Kolkata " .

12th to 14th December, 2013: "Sixth All India Conference of China Studies" organised by Institute of Chinese Studies, Delhi in collaboration with IIM, Kojhikode ; made a presentation on "A Study of Indian Philosophy in Contemporary China".

14th to 16th December, 2013: "Hindi Divas Samaraha-2013" organized by Hindi Bhavana, Visva-Bharati; made a presentation on "Present Status and Future of Hindi Studies in China".

17th December 2013: "Refresher Course in Comparative Literature" organized by University of Burdwan; made a presentation on "Contemporary Chinese Literature".

3rd March, 2014: "Refresher Course in History" organized by University of Burdwan; made a presentation on "Chinese History".

5th to 6th March, 2014: Seminar on "Synergizing Chinese Language Expertise-2014" organized by Air Force Station, Bagdogra; made a presentation on "Audio Visual Technique in Chinese Language Teaching".

24th to 25th March, 2014: International seminar on "North East India in India's Look East Policy " organized by Association of Asia Scholars, Delhi and Manipur University made a presentation on "Chinese Scholars Perception on North East India" .

Publication

On "Fa Fang" in Fa Fang Baodan, ed. Liang Jian Lou, Unity Press, Beijing, China, May, 2013 pp-75-76, pp76-77, ISBN-978-7-5126-1748-3

"Impact of Indian Music on Ancient Chinese Music - A Brilliant Illustration of India-China Cultural Fusion" in India and China Intercultural Perspectives ed. Sabaree Mitra , Patrecia Uberoi, Manoranjan Mohanty, ICS and Gyan Publishing House, New Delhi, 2013, pp. 177-183, ISBN: .978-81-212-1228-1

Tandrima Pattrea

Publication

Five Articles on Chinese Studies -A Collection of Bengali Essays, Kolkata: Kamalini 2013, ISBN : 978-93-816876-41-3

Atreya Bhatta

Acted as Teacher in Charge from Visva-bharati in the Work and Study Tour at Yunnan University, Kunming, China from 27th May 2013 to 6th June 2013.

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5-6 March, 2014: Seminar on "Synergizing Chinese Language Expertise-2014" organized by Air Force Station, Bagdogra; made a presentation on "The Changes and Evolution in Chinese language During the May 4th Movement".

Debdas Kundu

Seminar/Conferences/Workshop

Participated in the 9th Refresher Course in Comparative Literature from 4th December to 24th December 2013 at UGC-ASC, The University of Burdwan.

14 December 2013: "9th Refresher Course in Comparative Literature" organized by University of Burdwan from 4th December to 24th December 2013; made a presentation on "Cultural Identity in Chinese Poetry"

Chiranjib Sinha

Seminar/Conferences/Workshop

14th November, 2013: Participated in the One Day International Conference on "Tagore Across Cultures: The Nobel Prize and Beyond" organized by Visva-Bharati.

23rd November, 2013: Participated in the seminar on "China-India: Challenges to their Good Neighbourly Relations" jointly organized by Association for Asia Scholars, New Delhi and Cheena Bhavana, Visva Bharati.

Publication

"Tagore's Contribution in Sino-Indian Relation" in State, Nation and Multiculturalism: Problem in Perspective Published by Department of History and Political Science, Chandidas Mahavidyalaya, 2013, ISBN : 978-81-924226-0-2.

Extension activities/NSS/Cultural and other activities organized by the Department and Students of the Department.

25th Baishak, 1419 (15th April, 2013) : Rabindra Sangeet was Sung in Chinese Language at Rabindra-Bhavana, Visva-Bharati by the Students of Cheena Bhavana, Visva-Bharati.

A Photographic Exhibition was held on 20th September, 2013 at 3.30 pm. in the Department of Chinese Language & Culture, Cheena-Bhavana, Visva-Bharati.

Department of Chinese Language & Culture, Cheena-Bhavana, Visva-Bharati organized a Chinese Quiz Competition on 5th October, 2013. Twenty (20) students participated in this event.

Department of Chinese Language & Culture, Cheena-Bhavana organized the Inaugural Ceremony of a Chinese "FILM FESTIVAL" held on 19th December, 2013 at 2.30 pm in association with Consulate of People's Republic of China in Kolkata. On this occasion, a Chinese film "LOST IN THAILAND" was Screened at Cheena-Bhavana, Visva-Bharati.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

Memorandum of Understanding between Visva-Bharati and Yunnan

In order to encourage contact and cooperation between the faculty members, departments and other affiliated institutes and programmes, Visva-Bharati and Yunnan University, Kunming, China signed an MOU in July, 2011. The MOU was extended for a period of three years in April, 2013. Under this MOU, seven Chinese teachers had taken part in the teaching and research programme of the department. Under this programme, till date, thirty students from Yunnan University visited Visva-Bharati and about forty students from Visva-Bharati visited Yunnan University. The MOU had also provision for exchange of students and faculty between the two universities.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with the indication of the future plans for development :-

Visva-Bharati Cheena-Bhavana (Department of Chinese Language and Culture) was established by Gurudeva Rabindranath Tagore and Prof. Tan Yun-Shan on 14th April 1937 with great ideas of strengthening the age old culture relation and interfaces between India and China through personal contacts and investigations into the history of interrelationship between the two countries. Its establishment was in partial fulfillment of Gurudeva's desire for undertaking collective research work on different aspects of International cultural studies by the great minds of the modern world and for spreading the noble message of universal friendship and brotherhood among the people of the world. The

untiring zeal and effort of Professor Tan Yun-Shan with the constant inspiration from Gurudeva Rabindranath Tagore opened up a new vista of Sino-Indian cultural Fellowship in India and in the entire world to some extent.

The Founder Director of Cheena-Bhavana, Professor Tan Yun-Shan expressed his solemn hopes and aspirations on the future of this institution with the following words:

"The Visva-Bharati Cheena-Bhavana is not only a center for Sino-Indian studies but also a concrete link of love and friendship between our two countries, and its aim and goal is not only for the good of our two nations but for the good of the whole world as well. I most humbly pray to all eminent persons in all the times not only in India and China but in the world at large to land their sympathies, help and blessings to this institution."

Echoing the spirit of Gurudeva, Prof. Tan Yun-Shan expressed high hopes and aspirations about the future role of Cheena-Bhavana but in view of the limited resources he made an appeal to the scholars, statesman and leaders of the world to grace this institution with their blessing and support. Cheena-Bhavana was thus envisaged by Gurudeva to grow up as an advanced center of research. The aim and objectives of the Cheena-Bhavana were spelt out as follows:

1. To conduct research studies in Indian and Chinese Learning.
2. To promote interchange of Indian and Chinese cultures.
3. To cultivate friendship and fraternity between the two nations of India and China.
4. To join and unite the people of India and China.
5. To promote jointly, universal peace and harmony of humanity.
6. To help in building up "The Great Unity" of the world.

Gurudeva Tagore aspired to see this institution playing a significant role in Sino-Indian relationship, as reflected in the general rules of the university, which is as follows:

"The objective of this department (Cheena-Bhavana) shall be to establish and promote cultural exchange between China and India for which purpose it will provide facilities for Chinese scholars to study Indian languages, literatures, history, religion, philosophy etc. as well for Indian scholars to study Chinese language, literature, religion, philosophy etc. --- Buddhism being regarded as the nucleus for all such studies."

(Visva-Bharati Bulletin No. 24 of April, 1939)

The institution attracted a good number of students and scholars particularly from China and various parts of India, from almost all Asian countries and also from Africa, Europe and America. The larger chunk of the foreign students came from Sri Lanka, Japan, Myanmar, Thailand and Nepal. The academic works of all these scholars, the names of whom, is not possible to mention within this limited scope, enriched the department by their research works of rich academic merit. The research outputs of all these scholars were published either in book form or articles in periodicals and other academic journal of India and abroad. Besides, a voluminous amount of translation works was carried out and the department started the publication of the Sino-Indian Journal. The department has also been privileged by the visits of many distinguished personalities and patrons who greatly enriched the institution with their donations for financial support.

The Cheena-Bhavana library is the best of its kind in preserving Chinese books and journals in whole South Asia with its treasure house of over fifty thousand rare and invaluable books. It is a special feature, a rare treasure not only to the Visva-Bharati University but also to the entire nation.

Any other relevant information

Chronology of the Visit of delegations to Cheena-Bhavana during April 2013 to March 2014

Two member Chinese Delegation Visited the Department of the Chinese Language & Culture, Cheena-Bhavana, Visva-Bharati on 14th June, 2013.

A two member delegation from Vietnam - (1) Prof. Ho Xuan Binh, Director-General of the Vietnam Institute of India and Southwest Asian studies, (2) Dr. Le THI Hang Nga, Head of Historical & Culture studies and Assistant of Foreign Affairs, Vietnam Institute of India and Southwest Asian studies visited Cheena-Bhavana, Visva-Bharati and Interacted with the faculty and students of the Department on 28th October, 2013.

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A Chinese delegation's visited Cheena-Bhavana from 15th - 17th December, 2013.

A Fourteen member delegation, Comprising of students and faculty from Yunnan University, People's Republic of China visited Visva-Bharati University under MOU between Yunnan University and Visva-Bharati University from 18th to 24th February, 2014, the delegation Interacted with the students and also visited various department. On this occasion Department of Chinese Language & Culture, Cheena-Bhavana organized a small Culture Programme on Baul Sangit, Raibashe and few performance by the students of Yunnan University and students of Cheena-Bhavana , Visva-Bharati on 24th February, 2014.

An Interactive session was held on 14th March, 2014 among the new Consul General of the People's Republic of China in Kolkata Wang Xuefeng with faculty and students of Cheena-Bhavana, Visva-Bharati.

CENTER FOR BUDDHIST STUDIES (CBS)

Brief History

Nobel Laureate Rabindranath Tagore favored to open educational departments for study and research in Buddhism through languages like Sanskrit, Pali, Chinese and Tibetan. The invitation of Sylvian Levi in 1921 to Santiniketan may be termed as the beginning of academic and scientific study and research of Buddhism at Visva-Bharati of which Tagore was a student himself.

In the year 2005, Dr. Narendra Dash, the former Head of the Department of Indo-Tibetan Studies, applied the University Grants Commission for the establishment of a Center for Buddhist Studies at Visva-Bharati, which was sanctioned accordingly in the same year. Due to his enthusiastic effort, though it was actually sanctioned under the UGC "Scheme of Epoch Making Social Thinkers in India" in 2005, however, it was able to start its activities only in 2007. It is an inter-disciplinary and inter-departmental educational forum. The objectives of the Centre are:

1. Class Lectures
2. Special Lectures
3. Documentary Film-Shows/Cultural Film-Shows
4. International and National Seminar/ Conference/Workshop
5. Exhibitions
6. Translation and Research Projects
7. Publication
8. Short Course on Buddhist Studies

Seminar/Conference organized within the year April 2013-March 2014

During the last academic year (2013-2014), the Centre organized a Three-Day International Seminar on "Bhikkhuni Sangha and Its Importance in Buddhism" from 07-09, February, 2014. It was financed by UGC and Visva-Bharati, and the Convener was Sanjib Kumar Das.

Seminar/Conference attended within the year April 2013-March 2014

Sanjib Kumar Das, In-charge, CBS

7th-9th February, 2014: International Seminar on 'Bhikkhuni Sangha and Its Importance in Buddhism' from organized by Centre for Buddhist Studies, Visva-Bharati, Santiniketan. Paper submitted and presented on 'Bhikkhuni Sangha: An Issue of Criticism and Counter Criticism'

February 20-21, 2014: National Seminar on "Impact of Globalization on Tribal language, Literature and Culture" from organized by the Department of Assamese, Marathi & Tamil, Visva-Bharati, Santiniketan in collaboration with CIIL, Mysore. Paper submitted and presented on "Stakna Monastery: A Forgotten Spiritual Heritage in India."

7th-9th February, 2014: International Seminar on 'New dimensions of Buddhist literature (other than Pali) for understanding Buddhism' from organized by the Department of Pali, University of Calcutta. Paper submitted and presented on 'New Dimensions of Buddhist Literature (other than Pali) for understanding Buddhism'

Extension activities/NSS/Cultural and other activities

1. A Five-Day Short-term course on Applied Buddhism was held by the Centre for Buddhist Studies, Visva-Bharati in collaboration with Santiniketan Ambedkar Buddhist Mission, Santiniketan w.e.f. 20th January 2014 running under the umbrella of the Department of Indo-Tibetan Studies. A number of more than fifty Buddhist followers including the students and staff members of the Centre and Department of Indo-Tibetan Studies took active part.

2. A number of 13 eminent scholars including the faculty members of the Department of Indo-Tibetan Studies were

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invited by the Centre for Buddhist Studies to deliver special/endowment lectures on different topics related to Buddhist Studies.

Future development

The Centre envisions for publishing three books in this academic year with the editorial help of Prof. Suniti Kumar Pathak and Prof. Somdatta Mondal. The name of the three books is:

1. Buddhist Studies: A Prospective Dimension
2. Bhikkhuni Sangha
3. Compendium of Essays on Buddhist Studies

The Centre also envisions for undertaking research projects and publishing an annual journal.

VIDYA-BHAVANA (Institute of Social Sciences)

The Vidya-Bhavana, at present the College of Humanities and Social Sciences of the Visva-Bharati, came into existence in July, 1919 soon after Gurudev solemnized the establishment of the Visva-Bharati in December, 1918. It started functioning under the name Uttarvibhaga - the department of advanced studies. The name Vidya-Bhavana was adopted in 1925.

Vidya-Bhavana, the Institute of Humanities and Social Sciences, was conceived as an Institute of Higher Studies and Research, and has always occupied a key position in Visva-Bharati. The eminent scholar - Adhyapaka Bidhusekhar Shastri testified that this nomenclature evolved out of a positive idea, learning (Patha) leads to education (Shiksha), mentioned in the pages of the Santiniketan Patrika of Magha 1332 BS and the date of the Institutes informal inaugural was also 8 Paus of 1325 BS (Last week of Dec. 1925).

Vidya-Bhavana is now a major faculty of the University with seven major departments and one subsidiary unit functioning under it [Philosophy & Comparative Religion, History, Geography, Ancient Indian History Culture & Archaeology, Economics, Journalism & Mass Communication, Anthropology and Education (Subsidiary unit)].

Vidya-Bhavana offers courses of studies in the Honours, Post-Graduate, M. Phil., Ph.D. At present, there is also an increasing trend proliferating modern literary and social scientific research. Quite a few projects funded by external agencies have been successfully executed by teachers of the Vidya-Bhavana. Vidya-Bhavana holds the promise of going ahead towards establishing National Integration and World peace through religious and cultural harmony, dissemination of learning and the consequent values of self-sacrifice and universal brotherhood.

DEPARTMENT OF ECONOMICS AND POLITICS

Brief History of the Department and Future Plan

The Department of Economics & Politics began its journey as a separate department in 1953 under Siksha-Bhavana (Institute of Science). Later it came under Vidya Bhavana (Institute of Social Sciences) and the first batch of postgraduate students came out in 1958 and the first Ph.D was awarded in 1969.

From the very outset the department focused on empirical research in the area of agriculture and rural development. The faculty of the department distinguished themselves in research on areas including land tenure, farm management, agrarian productivity and rural poverty. Much of this research was carried out in collaboration with the well-known Indian and international economists, as well as with other departments/centres of Visva-Bharati like Agro-Economic Research Centre, Santiniketan and has won recognition in India and abroad.

While the principal focus remained the same throughout, the research interests of the department gradually broadened to include the areas of planning, economic development in general, participatory rural development, macroeconomics, international trade, political economy and environment-resource economics. In recognition to its research activities in these areas, the Planning Commission of India has provided the Department with an endowment of Rupees thirty lakhs to set up a unit on Planning and Development (Planning Unit) and for setting up a Chair as well as carrying out research and other related activities. The Planning unit has recently been renamed as 'A K Dasgupta Centre for Planning and Development' by Visva-Bharati with the approval from the Planning Commission. The University has relocated this Centre from the Department of Economics & Politics to the former residence of Late Professor A. K. Dasgupta (Address: Nirala, 33 Purbapalli, Santiniketan) donated by Professor Partha Dasgupta, Frank Ramsay Professor, University of Cambridge and Dr. Alakananda Patel, son and daughter of Professor Dasgupta, respectively. However, the change is only in geographical location and the centre continues to function under the department. Professor Pranab Kumar Chattopadhyay of Department of Economics & Politics is now holding the post of the Chair Professor (Hony).

Many of the faculty members and research scholars are engaged in research work in such varied fields as: issues in economic thought, impact of globalization on Indian agriculture, fisheries, small scale industry, Panchayati Raj System, micro-credit, insurance, development induced displacement and so on. Faculty members have also obtained fellowships offered by government and non-government agencies for undertaking research in foreign universities and institutions. In addition to obtaining teaching and research positions in universities, colleges and research institutes in India and abroad, our students have been offered positions in reputed economic and financial institutions like the RBI, NABARD etc.

The UGC has awarded the Department financial assistance at the level of DRS-1 for five years from 1.4.2009 to 31.03.2014 under the Special Assistance Programme (SAP) with thrust area on Agriculture, Environment and Rural Development.

The Department is now adopting various new plans of diversifying academic activities. Department looks forward to receive DRS-II from UGC and would like to extend its ongoing research activities. It has vision take up action research as well as interdisciplinary research in collaboration of other Visva-Bharati departments as well as institutions outside the Visva-Bharati.

Departmental Seminar:

Following Departmental seminars/invited special lectures have been organized by the Department during last one year:

28 July 2013: 'Rural Development: Tagorian Concept' by Dr Satyanarayan Bhattacharyya (Dy. Registrar, Academic and Research) in association with A K Dasgupta Centre for Planning and Development.

24 August 2013: 'Women Empowerment and Livelihood' by Mr Deepak David, DGM-CSR, Essar Foundation in association with A K Dasgupta Centre for Planning and Development.

5 September 2013: Ms. Bodhirupa Sinha, Adhyakhsya, Patha Bhavana, delivered a special seminar on 'Sikshak Rabindranath' in the Department.

21 September 2013: 'Adivasi Economics' by Prof. Felix Padel, Centre for World Environmental History, University of Sussex and Indian Institute of Health Management Research, Rajasthan. (With financial assistance from UGC-SAP (DRS-I))

17 January 2014: 'Bidding Behaviour given Point and Interval Values in a Second Price Auction' by Dr Prasenjit Bannerjee, Dept. of Economics, University of Manchester.

18 January 2014: 'Slumdogs vs. Millionaires - Inequality and Agrarian Crisis in India' by P. Sainath on organized by Department of Economics and Politics, along with the Centre for Journalism and Mass Communication (CJMC), Visva-Bharati.

07 March 2014: 'The Land Question in West Bengal: Understanding Some Immediate Complexities' by Dr. Aparajita Bakshi, Assistant Professor, Tata Institute of Social Sciences, Mumbai. (With financial assistance from UGC-SAP (DRS-I))

17 March 2014: 'Indian Experiments on Health and Education' by Professor Raghabendra Chattopadhyay of Indian Institute of Management, Calcutta. (With financial assistance from UGC-SAP (DRS-I))

28 March 2014: 'Economics of War and Peace' by Professor Felix Padel, Centre for World Environmental History, University of Sussex and Indian Institute of Health Management Research, Rajasthan, Visiting Professor (UGC-SAP DRS I) Dept. of Economics and Politics.

National Conference/Seminar organized by the Department

23-24 November 2013: National Seminar titled Challenges and Prospects of Inclusive Growth in Rural India in association with A K Dasgupta Centre for Planning and Development.

09 March 2014: Seminar titled Food Security and us in collaboration with PUNARNABA (a non-profit organization).

21-22 March 2014: International Seminar on Political Economy of Agrarian Crisis and Environmental Challenges in India, with financial assistance from UGC-SAP (DRS-I).

Participation in National/International Conferences/Seminars/Workshops by the teaching faculty of the Department during last one year is listed below:

Madhusudhan Ghosh

6-7 March 2014: Presented a paper in the Annual Conference of the Indian Association for Research on National Income and Wealth, held at Mahatma Gandhi Labour Institute, Ahmedabad.

25-26 March 2014: Presented a paper as an invited speaker and acted as discussant in the National Seminar on Applications of Panel Data (as a part of Golden Jubilee Celebration of the Indian Econometric Society), held at the Centre for Economic & Social Studies, Hyderabad.

Sarbajit Sengupta

3 February 2014: Participated in a Panel Discussion on Capital Inflow and Economic Development in an International Workshop on Asymmetric Demography and Global Financial Governance organized by Centre for Studies in Social Sciences Calcutta and Centro de Estudios de Estado y Sociedad, Buenos Aires, Argentina.

21 March 2014: 'Oligopoly and Financial Structure' in a national workshop on Corporate Finance, organized by Centre for Advance Studies, Jadavpur University.

Pranab Kumar Chattopadhyay

17-18 January 2014: Chaired two sessions in the International seminar titled Issues in Development, Well-Being and Livelihood, organized by the Department of Economics, University of Burdwan.

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27-28 January 2014: Delivered a lecture in the seminar on FDI and Its Role in Development process: Old Debates and Perspectives, in a national seminar organized by Sripat Singh College, Jiaganj, Mursidabad. Also chaired a session.

14 March 2014: Delivered a lecture on 'The Economic of Jangalmahal' in the workshop organized by the Sidhu Kanhu Birsha University. Also chaired a session.

21-22 March 2014: Chaired a session in the International seminar on Political Economy of Agrarian University and Environmental Challenges in India, organized by the Department of Economics and Politics, Visva-Bharati [UGC-SAP Seminar].

Sudipta Bhattacharyya

27-28 March 2014: 'Neo-liberalism, Agrarian Crisis and Halted Capitalist Transition in India: Survey Findings from West Bengal', in the National Seminar on Indian Economy: People, Political Economy, Path, and Phases: Annual Seminar of Forum of Development Economics, Jointly organized by Department of Economics, University of Calcutta and Institute of Development Studies Kolkata and held at the Department of Economics, University of Calcutta.

21-22 March 2014: Chaired the keynote session at the Two Day National Seminar on Political Economy of Agrarian Crisis and Environmental Challenges in India, organized by UGC SAP (DRS-I), Dept. of Economics and Politics, Visva-Bharati, Santiniketan.

4-6 March 2014: 'Neo-liberalism and Agrarian Transition in India: The Mode of Production Debate Revisited', in the International Conference on The Return of the Land Question: Dispossession, Livelihoods and Contestation in India's Capitalist Transition, organized by Faculty of Arts and Australia India Institute, University of Melbourne, Institute of Development Studies Kolkata and Indian Institute of Management Calcutta, at IDSK, Kolkata.

28 January 2014: 'Globalization, Trade and Corporate Agribusiness in India', in the State Level Seminar on FDI and its Role on Development Process: Old Debate and New Perspective, organized by Sripat Singh College, Jiaganj, Murshidabad.

13 January 2014: 'India's Neo-liberal Reform and Halted Agrarian Transition: Rejuvenation of the Mode of Production Debate', in the seminar on Rural Development: Theory and Policy, in the Agro-Economic Research Centre, Visva-Bharati, Santiniketan.

6-7 December 2013: 'Participation and Rural Transformation: Some Marxian Theoretical Discourse in the Recent Past Laboratory of the Marxist Ruled State of West Bengal for Three Decades', in the UGC Sponsored National Seminar on Decentralized Development and Rural Governance in India: Challenges and Opportunities, organized by Union Christian Training College, Berhampore, Murshidabad.

23-24 November 2014: Chaired the technical session on the theme 'Agriculture and Rural Development' at the Two Day National Seminar of A. K. Dasgupta Centre for Planning and Development, Dept. of Economics and Politics, Visva-Bharati, Santiniketan.

Pranab Kanti Basu

29 June 2013: 'Inclusive Development with Emphasis on Innovation' delivered at International Annual Conference of Asian Society for Innovation Planning held in New Delhi jointly with DSP, JNU and NISTADS.

Apurba Kumar Chattopadhyay

27-28 March 2014: Participated in the Annual Seminar on 'Indian Economy: People, Political Economy, Path and Phases' organized by FDEK, Department of Economics, University of Calcutta at Kolkata.

Santadas Ghosh

8-9 April 2013: Delivered a set of four lectures on the topic 'Research Methodology and Sample Survey' as a resource person in the Refresher Course in Economics organized by UGC-Academic Staff College, Goa University, from 28th March to 18th April, 2013.

6-9 August 2013: Participated as a Resource Person in an international workshop on Environment and Natural Resource Economics jointly organized by The Royal University of Bhutan (RUB) and South Asian Network for Development and Environmental Economics (SANDEE), held in Lobesa (Bhutan).

5-8 December 2013: 'Extreme Event, Livelihood Loss and Ecological Sustainability: Exploring policy alternatives in Sundarban' in the Seventh Biennial Conference of the Indian Society for Ecological Economics (INSEE), at Tezpur University, Tezpur, Assam. Also chaired a session.

4-13 March 2014: Delivered a series of lectures as a resource person on Research Design, Sampling, Questionnaire Designing, Survey Implementation Challenges, in the International Winter School in Environmental and Resource Economics, organized by South Asian Network of Development and Environmental Economics (SANDEE) during in Kathmandu, Nepal.

27 March 2014: 'Environmental Valuation: Estimating Recreational Value' as an invited speaker and resource person in a national workshop on Accounting for Ecosystem Services: Theories and Practices organized by Centre for Advanced Studies, Department of Economics in collaboration with Global Change Programme, Jadavpur University (Kolkata).

Saumya Chakrabarti

22-23 May 2013: 'National rural employment guarantee programme of India: how far equalizing?' in the Federalism and Inequality Conference organized by the Centre for Latin American and Caribbean Studies, Watson Institute, Brown University, USA.

5-6 September 2013: 'Unorganized manufacturing in India: persistence of misery and a critique of transition' in the Silver Jubilee Conference on Labour and Development organized by the IGIDR, Mumbai, India.

25-27 September 2013: 'Public policy and inequality alleviation / MGNREGP of India' in the 7th Congress of the Latin American Political Science Association, University of Andes, Bogota, Colombia.

6-7 January 2014: 'Informal sector: tortuous transition OR persistence of misery?' in the 23rd Annual International Conference on Contemporary issues in Development Economics, organized by the Department of Economics, Jadavpur University, India.

Amit K Biswas

26 November 2013: Delivered an invited lecture on 'Economic Policy, Corrupt Importers and Domestic producers' at IIM (Lucknow).

Biswajit Mondal (on leave from August, 2013)

28 May 2013: 'Factor Return and Output due to Time Zone Difference and Induced Capital Inflow', in the Workshop on Trade and IO, at RIEB, Kobe University, Japan.

4 June 2013: 'Trade Reform, Informal Sector and Extortion', in the Workshop for International Trade and FDI, in Graduate School of Economics, Hitotsubashi University, Tokyo, Japan.

14 June 2013: 'Trade Reform, Intermediation and Corruption', in the Institute of Economics, Yagoto Seminar, in School of Economics, Chukyo University, Nagoya, Japan.

20 June 2013: 'Trade Reform, Intermediation and Corruption', in the Economics workshop, in Graduate School of International Cultural Studies, Tohoku University, Sendai, Japan.

Soumyadip Chattopadhyay

7 November 2013: 'Towards a Discursive Evaluation of Participatory Governance in Indian Cities' at the Brooks World Poverty Institute, University of Manchester.

24 October 2013: 'Contesting Inclusiveness: Policies, Politics and Processes of Participatory Urban Governance in Indian Cities' at the Development Planning Unit, University College London (First DPU Lecture of Academic Session 2013-14).

23 October 2013: 'Contours of Participatory Urban Governance in Indian Cities: Potentials and Challenge' at the Centre of South Asian Studies Seminar Series at SOAS, University of London.

Anamika Muktan

25-28 April 2013: Attended a workshop on 'Capacity Building of Women Managers in Higher Education' organized by SAM, UGC programme, in Kolkata.

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9-10 November 2013 : 'Quality of employment in India, in the Post liberalization period', in the 17th Indian and Political Economic Association Conference, organized by the School of Economics, University of Hyderabad.

17-18 January 2014: 'Condition of Women workers in India' in the International Conference on Issues on Development: Well-being and Livelihood, organized by Dept. of Economics, Burdwan University.

Several Research Scholars of the department also participated in National/International Conferences/Seminars/Workshops throughout the year.

Ongoing Research Projects in the Department:

Sl. No.	Title of the Project	Sponsoring Agency	Amount sanctioned (Rs.)	Status (ongoing or / completed)
1	Stagnation of the Agrarian Economy: An Enquiry into Its Nature and Causes In Five Central Districts of West Bengal During 1999-2000 to 2009-10 (PI: Apurba Kumar Chattopadhyay Co-I: Biswajit Haldar)	UGC	6,49,600	Ongoing
2.	A Comparative Study of the Methods and Impacts of Employment Guarantee Schemes across the Global South: Inclusion or Elite Capture? (PI: Saumya Chakraborti)	Brown International Advanced Research Inst. (BIARI) Alumni Research Grant 2012-13	USD 4050	Submitted in July 2013

Academic Distinctions Gained by Teachers in the Department:

Biswajit Mondal, Assistant Professor of the Department, has been awarded JSPS (Japan Society for the Promotion of Science) visiting fellowship, Kobe University, Japan, May-June, 2013.

Biswajit Mondal, Assistant Professor of the Department, has been awarded C.V. Raman Fellowship for post-doctoral study in University at Albany-SUNY, USA, August 2013-August, 2014.

Amit Biswas, Assistant Professor of the Department, has been selected for the ICSSR - DFG bilateral programme to visit Germany for three months in 2014 to conduct joint research with German host at Technological University of Dresden.

Soumyadip Chattopadhyay, Assistant Professor, has been awarded the Commonwealth Academic Fellowship 2013 (awarded by the Commonwealth Scholarship Commission UK) and Visiting Scholar - Department of Town and Regional Planning, University of Sheffield during Sep 2013 to Nov 2013.

Ms. Anamika Moktan of the Department has been awarded the K.N Raj fellowship October 2013

Saumya Chakraborti, Associate Professor, has acted as an Editorial Board Member of Asian Journal of Research in Business Economics and Management.

Sudipta Bhattacharya, Professor and Head of the Department, had acted as Guest Editor and also as Member, Editorial Advisory Board of International Journal of Pluralism and Economics Education, Geneva, Switzerland, Vol.4, No.4, 2013, pp.334-351, (ISSN: Print: 1757-5648. Online: 1757-5656)

Professor Madhusudan Ghosh has acted as a peer reviewer for articles in the following journals:

Canadian Journal of Agricultural Economics
Journal of Agricultural Science
Global Business Review

Professor Sarbajit Sengupta has acted as a nominated member of the following academic bodies of other Universities of West Bengal:

University Council, Gour Banga University Malda
General Body, Institute of Development Studies, Kolkata
PG Board of Studies, Burdwan University
Board of Studies, West Bengal State University

Publications

Madhusudhan Ghosh

Book

(Edited) Rural Development in India - Challenges and Prospects, Serials Publications, New Delhi, 2013 (Co-editor: A.K. Chattopadhyay), ISBN: 978-8183875929.

Journal Articles

Inclusive Growth, Livelihood Security and Rural Poverty in India, In S.K. Datta and P.K. Kuri (Eds.) Rural Livelihood in India, Serials Publications, New Delhi, 2014, ISBN: 978-8183876131, pp. 338-358.

Regional Inequalities in Human Development in India, Journal of Income and Wealth, 35(2) 2013, 33-52.

Growth and Performance of Commodity Futures Market in Indian Agriculture, In M. Ghosh & A.K. Chattopadhyay (Eds.) Rural Development in India - Challenges and Prospects, Serials Publications, New Delhi, 2013, ISBN: 978-8183875929, pp.3-17.

Contributed a section on 'Human Development and Convergence' in India Rural Development Report 2012-13, Orient Blackswan Pvt. Ltd., 2013, ISBN: 978-8125053927, pp. 69-71.

Pranab Kumar Chattopadhyay

Books

(Edited) Inclusion and Empowerment: Essays on Some Aspects of Rural Development, ISBN-9789381274382

(Edited) Gender, Opportunities and Empowerment: Aspects of Rural Development, ISBN- 9789381274477

(Edited) Some Empirical Aspects of Economic Growth and Diversification in India's Emerging Economy, ISBN-9789381274545

(Edited) Growth and Diversification: Aspects of Rural Development, ISBN:978-93-81274-78-1

(Edited, with Somnath Mukherjee) Prevalence of Substance Abuse Among Street Teens of Purulia District, West Bengal in Gender, Opportunities and Empowerment: Aspects of Rural Development, ISBN- 9789381274477

Sudipta Bhattacharyya

Books

Two Decades of Market Reforms in India: Some Dissenting Views, (Edited) Anthem Press, London, 2013, ISBN: 9780857283269.

Challenges of Livelihood and Inclusive Rural Development in the Era of Globalization, (Co-edited with Pranab Kumar Chattopadhyay), New Delhi: New Delhi Publisher, 2013. ISBN: 978-93-81274-25-5.

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Book Chapters

Participation and Rural Transformation: Some Marxian Theoretical Discourse in the Recent Past Laboratory of the Marxist Ruled State of West Bengal for Three Decades, in Rajiv Sen (ed) Proceedings of the UGC Sponsored National Seminar on Decentralized Development and Rural Governance in India: Challenges and Opportunities, 6-7 Dec, 2013, Union Christian Training College, Berhampore, Murshidabad, pp. 25-50, ISBN: 978-81-926963-1-7.

Neo-liberal Transformation of the Interventionist Economy: A Study of West Bengal in Agrarian Crisis in India: The Way Out (ed. By K. Suman Chandra, V. Suresh Babu & Pradip Kumar Nath), Academic Foundation, New Delhi, Ch-18, pp.497-512. ISBN: 978-93327-0032-1.

A Critical Look at Two Decades of Market Reform in India, in Two Decades of Market Reform in India: Some Dissenting Views, Anthem Press, London, Ch-1, pp.1-26. ISBN: 085728326X.

Changing Employment Scenario during Market Reform in India in Two Decades of Market Reform in India: Some Dissenting Views, Anthem Press, London, Ch-9, pp.159-175. ISBN: 085728326X.

Journal Articles

'Global Crisis, Financialization and the Third World: A Marxist Approach', in Bangla Journal, Published from Toronto, Canada, Vol.11, No.19, pp.208-214, December, 2013, ISSN No. 1488-0792.

'Political Economy of Agrarian Crisis and Slow Industrialisation in India', Social Scientist, New Delhi, (Co-author: Mathew Abraham, Anthony D'Costa), Nov-Dec 2013, Vol.41, No.11-12, pp.43-63. ISSN: 0970-0293.

Neo-classicism or Pluralism? Teaching and Research of Economics During the Era of Neo-liberal Reforms in India', International Journal of Pluralism and Economics Education, Geneva, Switzerland, Vol.4, No.4, 2013, pp.334-351, ISSN: Print: 1757-5648. Online: 1757-5656

'Participatory Rural Self-Governance under the Left Regime in West Bengal: An Alternative to Neo-liberal Developmentalism' in European Journal of Development Research, (Co-author with Manik Bhattacharya). Vol 25, No.3, 2013, pp. 385-407. ISSN: 0957-8811.

Pranab Kanti Basu

Article

Byartheta Kar Partir Na Dorshoner' in Prabrit Das Mohapatra et.al. (ed.) Bamraj totwa o chorchay Charchapad, Kolkata. 2013. ISBN 978-93-80489-23-0.

Apurba Kumar Chattopadhyay

Articles

'Performance of Agriculture and Rural Income Distribution in West Bengal in the Post-reforms Period', in the Seminar Proceeding titled Emerging Rural Transformation and Resource Utilisation in the Post-Globalisation Period, Department of Economics, Rabindra Bharati University, Kolkata, June 2013.

'Higher Education: Issues Related to Quality and the Role of the Stakeholders', Open Eyes, Volume 10, Nos. 1 & 2, December 2013, pp. 99-108, ISSN: 2249-4332.

'Water Resources in India: Some Issues in Irrigation Management', in S Pan (ed), Economic Reforms and Common Property Resources: Issues and Challenges, Regal Publications, New Delhi 2014. Pp. 140-153. ISBN: 978-81-8484-323-1.

Saumya Chakrabarti

Articles

"Agriculture - industry interaction in an open-economy framework: some theoretical observations"; in Inclusion and Empowerment, ed. P.K. Chattopadhyay; New Delhi Publishers, India; April 2013.

"Economics of rural non-farm sector: certain characteristics and determinants" (co-authored with S. Mondal and A.K. Chattopadhyay); in Rural Development in India: Challenges and Prospects, eds. M. Ghosh and A.K. Chattopadhyay; Serials Publications, New Delhi; May 2013.

"Globalization and inclusive growth: a critical note" (co-authored by A. Chatterjee); in *Nrtattv: The Anthropology*; Vol. 3, No. 1; January-June 2013.

"Interrogating inclusive growth: Formal-informal duality, complementarity, conflict"; in *Cambridge Journal of Economics*; doi: 10.1093/cje/bet016, 17 July 2013 (online first); Vol. 37, No. 6; November 2013.

"Formal-informal dichotomy: revisiting the debate on agriculture-industry linkage"; in *The Economic and Labour Relations Review*; doi: 10.1177/1035304613517988, 14 January 2014 (online first); Vol. 25, Issue 1; March 2014.

"Conflict or coexistence? / a story of big and small retailers" (co-authored with T. Haldar); in *Review of Development and Change* (accepted on 31 January 2014).

Amit K Biswas

Book

Agriculture, Trade and Foreign Investments: The Indian Experience (LAP - Lambert Academic Publishing, Germany) ISBN: 978-3-659-52461-5. (In press)

Journal articles:

Foreign Investment in India: Scopes, Opportunities and Challenges, *Dukool* (du-kool.com; a bilingual magazine, Cincinnati, USA) Vol. 4 (final part of four volume article), April, 2013.

Import Competition and Rural Industries, *SAP Working Paper*, Department of Economics & Politics, Visva-Bharati, 2014.

Biswajit Mondal

Articles

Trade Openness, Corruption, and Factor Abundance: Evidence from a Dynamic Panel (with Suryadipta Roy and Sugata Marjit) (2014): *Review of Development Economics*. 18(1), pp 45-58. Wiley-Blackwell.

Corruption and Trade in General Equilibrium (with Sugata Marjit) (2013): *Journal of Social and Economic Development*. Vol.15 (Special Issue), pp 77-94. ISSN: 09725792. ISEC, Bangalore.

Trade with Time Zone Differences: Factor Market Implications (with Toru Kikuchi and Sugata Marjit) (2013): *Review of Development Economics*. 17(4), pp 699-711. Wiley-Blackwell.

Trade Reform, Intermediation and Corruption (with Sugata Marjit) (2013): *Economic Modelling*. 33, pp 741-746. Elsevier.

Recession: A Boon for the Informal Sector? (2013): Chapter 17 in M. Ghosh and A. K. Chattopadhyay (ed.) *Rural Development in India-Challenges and Prospects*, Serial Publications, New Delhi, India.

Transaction Costs, Technology Transfer and Mode of Organization (with Sugata Marjit) (2013): Chapter 4 in R. Acharyya and S. Marjit (ed.) *Trade, Globalization and Development: Essays in Honor of Kalyan K. Sanyal*. Springer.

Soumyadip Chattopadhyay

Decentralized Provision of Public Services in Developing Countries: A Review of Theoretical Discourses and Empirical Evidences in *Social Change* (Sage Publications), 43 (3), pp. 421-441.

Publications: Under A.K. Dasgupta Centre for Planning and Development

The A. K. Dasgupta Centre for Planning and Development, Funded by the Planning Commission of India and hosted by the Department of Economics & Politics, has published the following books during last one year:

Inclusion and Empowerment: Essays on Some Aspects of Rural Development edited by Prof. Pranab Kumar Chattopadhyay

Gender, Opportunities and Empowerment: Aspects of Rural Development edited by Prof. Pranab Kumar Chattopadhyay

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Some Empirical Aspects of Economic Growth and Diversification in India's Emerging Economy edited by Prof. Pranab Kumar Chattopadhyay

Growth and Diversification: Aspects of Rural Development edited by Prof. Pranab Kumar Chattopadhyay

Designing New Course/ Curriculum introduced by the Department:

From interactions with the students that the faculty sincerely felt the need for supplementing classroom teachings with some complementary activities. It was resolved in a subsequent BOS meeting that students will be given exposure to field work and primary survey in surrounding villages with the financial and logistic support from Agro-Economic Research Centre (AERC), Visva-Bharati from the next year.

Also, from these meetings with students, it emerged that a large section of the Departmental students wants additional insight on socialistic economic structures and the Marxian philosophy. This had resulted in the organization of a series of lectures on Marxian Economics, outside the set syllabus of the Departmental courses. The lectures were delivered by Prof. Pranab Kanti Basu of the Department. This non-credit course has attracted a large section of students beyond the class hours.

Other Relevant Information on the Department:

Prof. Sudipta Bhattacharya has taken over as the Head of the Department of Economics & Politics with effect from 25.08.2013.

Prof. Madhusudan Ghosh, senior-most professor in the Department, has assumed the charge of Principal, Vidya Bhavana, from 1st July, 2013.

A. K. Dasgupta Centre for Planning and Development, a centre funded by the Planning Commission of India and hosted by the Department, has been shifted to 33, Nirala, Purbapalli, Santiniketan on 22nd February 2014.

Prof. Karunamoy Mukherjee Memorial Prizes for students of the Department who stood first in the B.A. (Hons) and M.A. Examinations in 2012, has been conferred on 05.10.2013

Under UGC-SAP (DRS-I) Programme, five Working Papers has been published during this period. The Working papers are uploaded in the University Website and freely downloadable from <http://www.visva-bharati.ac.in/About%20VB/contents/projects.html>

The Annual Education Excursion of the Department has been completed successfully this year in Andhra Pradesh.

GENPACT, a leading consultancy firm has expressed interest in getting involved with the Department for possible arrangements of campus Interviews in future. Towards this end, a team of senior executives had delivered a talk titled 'Exploring Market Research' to the students of the Department on 05.10.2013.

Hosted by the A. K. Dasgupta Centre for Planning and Development, the following dignitaries have visited the Centre and the Department during last one year:

Dr. Alaknanda Patel visited the Centre from 13th -16th April, 2013.

Prof. Ramprasad Sengupta visited the Centre 27-28th May 2013 and 18-19th June 2013.

Sri Dilip Ghosh, Member, 4th State Finance Committee, Government of West Bengal, interacted with Faculty and students of the Department during 23-24th November, 2013.

The A. K. Dasgupta Centre for Planning and Development, has initiated the following research projects during last one year:

"A Pestle approach to Integrated Water Management System in Kurseong town of Darjeeling district" by Sri Sanjay

Prasad, Urban Planner, Kurseong.

"Crop Insurance in West Bengal: A Study on the link between coverage of Crop Insurance and Crop Diversification" by Sri Hemanta Sarkar, WBSS, Assistant Director, Bureau of Applied Economics and Statistics, Govt. of West Bengal.

"Differential in Gender Related Livelihood Constraints and Opportunities: Case Study of Some Rural Regions in Bankura District" by Prof. Soumyendra Kishore Datta, Professor, Department of Economics, University of Burdwan and Ms. Tanushree De, Project Investigator, ICSSR Project, Department of Economics, University of Burdwan.

"Climate Change Creates Trade Opportunities in India" by Dr. Soumyananda Dinda, Associate Professor, Sidho Kanho Birsha University, Purulia.

"Land Dependency in Rural West Bengal: A Case Study" by Dr. Santadas Ghosh, Associate Professor in Economics, Department of Economics and Politics, Visva-Bharati. The data of the study has been collected and data entry had been completed.

"Health Insecurity and Vulnerability across Socio-economic Classes: A Study on Bolpur-Sriniketan Community Development Block" by Soumyajit Chakraborty, M.Phil, Institute of Development Studies Kolkata [IDSK], University of Calcutta.

"Impact of Self-Help Group activity on Condition and Empowerment of Women: A Case Study" by Ms. Somashree Mukherjee, M.Phil student, Institute of Development Studies Kolkata [IDSK], University of Calcutta.

"SHG and Women Empowerment: A Village Study" by Prof. Pranab K. Chattopadhyay, Professor, Department of Economics & Politics, Visva-Bharati, Sri Daya Shankar Kushwaha, A. K. Dasgupta Centre for Planning and Development and Ms. Madhurima Kundu, Hindu College, Delhi University.

The UGC-SAP (DRS-I) Programme in the Department has run successfully and enabled the Department to host a large number of Visiting Faculty from premier institutions in India and abroad during last year. As many as five such economists and scholars from India and abroad had visited and delivered Departmental seminar/talks on various contemporary issues. Following is the list of visiting faculties under the UGC-SAP (DRS-I) Programme during last one year:

Prof. Ratan Khasnabis (Professor, Calcutta University) during 7-9 March, 2014.

Dr. Subhaneel Chowdhury (Institute of Development Studies, Kolkata) during 7-9 March, 2014.

Dr. Felix Padel (Centre for World Environmental History, University of Sussex and Professor, School of Rural Management, Indian Institute of Health Management Research (IIHMR), Rajasthan) during 28 February - 29 March, 2014.

Prof. Amiya Kumar Bagchi (Professor Emeritus, Institute of Development Studies, Kolkata) during 21-22 March, 2014.

Prof. Shapan Adnan (Associate, Contemporary South Asian Studies, University of Oxford) during 20-24 March, 2014.

DEPARTMENT OF GEOGRAPHY

The Department of Geography was established in the late sixties (1968) with only 3 years undergraduate honours course. Subsequently the two years post-graduate course was introduced in 1978 with a total capacity of approx. 30 students in each year. Both the UG and PG courses contain altogether 800 marks. Besides, the department also conducts researches leading to Ph.D. degree since late eighties.

Keeping in mind the present developmental trends in Geography, the department in recent years has paid attention particularly to the following thrust areas of the subject like water resources management, landscape ecology, population & settlement, infrastructures development, Urban & regional planning and development etc along with the existing course curriculum. The department also feels that the installation of modern systems are required for collecting, processing and displaying the spatial and non-spatial data with the development of remote sensing applications and introduction of Geographical Information System (GIS).

1. Name of the Department: Department of Geography, Vidya Bhavana.
2. Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examination:
UGC (JRF) - 3
NET - 14

Departmental Seminar:

Report on Departmental Seminar:

Department of Geography organized a National Seminar on Research Frontiers in Man-Nature Interface, from 1-2nd March, 2014. Inaugural Session at Lipika Auditorium was graced by the Keynote Address of Honorable Vice Chancellor Prof Sushanta Datta Gupta. Prof Tapati Mukhopadhyay, Director of Rabindra Bhavana highlighted the philosophical concept of the seminar theme in her speech as Guest of Honour. Three Memorial lectures were delivered by Prof G.K.Panda of Utkal University, Dr Kanchan Mukhopadhyay of Anthropological Survey of India, Sri Gopinath Saha, Ex Director of NATMO on Research Trend and Spatial Mapping on Dimensions of Man-Nature Interface. Ten parallel sessions on first day and thirteen parallel sessions on second day were held in the premises of Padma Bhavana and Lipika Auditorium. About 120 scholars of different universities and colleges of India presented their research papers in scheduled sessions, each session of one and half hour ended with fruitful interaction between the speaker and the listeners. The topic of the sessions mainly covered the issues related to philosophy of Geography, Physical Geography, Regional Planning and Development, Anthropology, Emerging Environmental Hazards, Pollution & Public Health, Socio-economic dimension of Rural-urban environment, Environmental Management & Policies, Application of Geo-Spatial Technology.

Conference/Seminar/Workshop/Exhibition etc attended by Teacher/Research scholars in details

Malay Mukhopadhyay

Seminar Presentation

11-12 April 2013: 'Newer Dimension in Economic Policies - Thinking Afresh' in the UGC sponsored National Seminar, organized by Behrampur College, Murshidabad, West Bengal.

7-8 September 2013: 'Folk wisdom - A means of Environmental Restoration' as the keynote address in the UGC sponsored National Seminar, organized by Vivekananda College, Alipurduar, West Bengal.

22-23 November 2013: 'Environmental Purification through Revival of Sacred Groves -An Approach within Religion Practices' in the 2nd International Conference on Social Sciences, organized by Kelaniya University, Sri Lanka.

20-21 December 2013: 'Newer Dimension in Reservation Policies as a Measure for Social and Economic Development' in the UGC sponsored National Seminar, organized by Kaliachak College, Malda, West Bengal.

6-7 March 2014: 'Management of Natural Resources for Sustainable Development: Challenges and Opportunities' as the keynote address in the UGC sponsored National Seminar, organized by Mizoram University, Aizawl, India.

Sutapa Mukhopadhyay

11-13 November 2013: 'Analysis of Spatio-Temporal changes of the Diana River, West Bengal' in the International Conference & 35th Indian Geographers' Meet, organized by the Department of Geography, Burdwan University.

01-02 March 2014: 'An Appraisal on Spatio-temporal Changes of Geomorphological Environment of Estuarine Muriganga & Saptamukhi Interfluvial Area, part of Western Sundarban, India' in the National Seminar on Research Frontiers in Man-Nature Interface, organized by the Department of Geography, Visva Bharati.

Krishnendu Gupta

National & International Seminar/Conference

11-13 November 2013: 'Child Marriage: A Violation Of Health in Maldah District, West Bengal' in the 35th Indian Geographer's Meet & International Conference on Environment, Development and Equity organized by Department of Geography, University of Burdwan, Burdwan. (Co-author: M. H. Askari)

Also made a presentation on 'Rapid Urbanization and its social consequences in Burdwan city, West Bengal'. (Co-author: M. Arif)

28-30 December 2013: 'Changes in Socio-Economic and Health Conditions of Rehabilitated Slum Dwellers in Kolkata' in the 12th International Asian Urbanization Conference on Urban Dynamics, Environment and Health: Challenges For The Twenty First Century organized by Department of Geography, BHU. (Co-author: M.H. Askari)

Also made a presentation on 'Transformation of Socio-economic morphology in the core and fringe areas of a medium urban centre: A case study of Bolpur Town, West Bengal'. (Co-author: U. Chattopadhyay)

27-28 February 2014: 'District Wise Health Care Infrastructural Status of West Bengal: A Comparative study in Medical Geography' in the National Conference on Interdisciplinary Researches in Social Sciences in Eastern India with Special Reference to Jharkhand organized by Sociological Research Units, ISI Kolkata & ISI Giridih. (Co-author: M.H. Askari)

Also made a presentation on 'Socio-economic condition of Urban Poor in Burdwan City, West Bengal'. (Co-author: M. Arif)

Bhairu Lal Yadav

27 May-02 June 2013: Participated in "National Workshop on Contemporary Trends in Social Science Research", organized by Himachal Pradesh University, Shimla.

10 July-06 August 2013: Attended an UGC sponsored Orientation Programme at Academic Staff College, Punjabi University, Patiala.

01-02 March 2014: 'Socio-Economic and Demographic Correlates of Morbidity in Uttar Pradesh: A Regional Analysis' with Dharmendra Sharma in the National Seminar on 'Research Frontiers on Man-Nature Interface': organized by Department of Geography, Visva-Bharati, Santiniketan & Foundation of Practicing Geographers, Kolkata. Also acted as a Treasurer of the said seminar.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the department:

I) Freshers' Welcome & Farewell function

Academic distinctions gained by Teachers/Scholars or the Department as a whole-

Uma Sankar Malik

Member of the UG Council Member of Burdwan University, 2012-2013.

Board of Members of the Indian Geographical Foundation, Kolkata, ISSN 0975-3850.

Acting as Associate Editors of the journal Practicing Geographer, ISSN 0975-3850.

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Member of the PG Board of Studies, Department of Geography of Gour Banga University, Malda.
Visiting Fellow under UGC-SAP-DRS Programme of Burdwan University- 2013.

Malay Mukhopadhyay

Member of the PG Board of Studies, Dept. of Geography, Vidyasagar College Kolkata.(Affiliated under Calcutta University).

Member of the PG Board of Studies, Dept of Geography, Vivekananda College for Women, Kolkata (Affiliated under Calcutta University).

Member of the PG Board of Studies, Dept of Geography, Bhairab Ganguli College, Kolkata (Affiliated under State University, West Bengal).

Publications within the year April 2013-March 2014.

Malay Mukhopadhyay

Publications

A. Books

Geography behind Myth - The Tale of Noah's Deluge: Acb publications, Kolkata, India, 2014. ISBN 81-87500-78-6

B. Articles in Book

'The conflict between human rights and development strategies: A dilemma faced by the Onge tribal community', The Rite of Wrongs- Human Rights in India, Avenel Press, Kolkata, Ed. By Ajanta Paul, Women's Christian College October, 2013. ISBN 978-93-80761-33-6

'Folk wisdom - A means of environmental restoration' Folk culture, folk artistry and artisan society, N.L. Publisher, North Bengal. Ed. volume from Vivekananda college, Alipurduar 2013. ISBN 978-81-86860-98-4

'Biodiversity Conservation through revival of Sacred Groves - A Contemporary Issue in Geography', Management of Natural Resources for Sustainable Development - Challenges and Opportunities, Excel Publishers, New Delhi, Ed. Volume from Mizoram University, 2014. ISBN 978-93-82880-95-0

Krishnendu Gupta

Articles in Journals

'Growth and Development of Medical Geography and Its Thrust Area', Practising Geographer, Vol. 17, No. 2, Winter 2013, ed. Krishnendu Gupta & Hasan Askari, Kolkata, 2013: 77-88. ISSN 0975-3850.

Sudipta Sarkar

'Child marriage-situation of young brides in India,' Asia-pacific Journal of Social Sciences; Vol.V, No.2 July-Dec 2013, 61-75; ISSN 0975-5942.

DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

The Department of Ancient Indian History Culture and Archaeology is a direct descendent of Indological Studies that was initiated at Santiniketan, with the blessings of Rabindranath, and undertaken by Pundits Kshitimohan Sen and Vidhusekhara Sastri since 1907 onwards.

The Department was named Ancient Indian History and Culture in 1951 when Visva-Bharati became a Central University. The new nomenclature happened in 1977, with the introduction of Archaeology as a component of course structure.

The Department offers graduate courses in Semester system in the three-years Honours Level at B.A. and the two years Four Semester Course in M.A. in Ancient Indian History Culture and Archaeology. It also offers a one year Causal Course in Ancient Indian History Culture and Archaeology to the foreign students desirous of knowing basics of Indian civilisational ethos. In addition to the said course, the Department undertakes applied and field research oriented Ph.D programmes in Ancient Indian History Culture and Archaeology.

Conferences/Seminars/Lectures

Sarita Khettry

16-18 November 2013: 'Dictionary of Inscriptional Prakrit of Ashoka: A case study' in the Joint Annual Conference of 39th Session of Epigraphical Society of India & 33rd Session of Place names Society of India and National Seminar on Indian Epigraphy: Challenges & Opportunities, Ravenshaw University, Cuttack.

20-22 February 2014: 'Writings on Historical Geography of Bengal: A Survey' in an International Seminar on Sir Alexander Cunningham and the Art Heritage of India from, Department of History of Art, Banaras Hindu University, Varanasi.

10 March 2014 and 27 March 2014: Two lectures on the 'Origin of Brahmi Script' in the Certificate Course in Manuscriptology on the organised by Rabindra Bhavana, Visva-Bharati.

Dr. Bina Gandhi Deori

29-30 May 2013: 'Bamboo Artwork with special reference to the Traditional Ritual Altars among the Galo tribe of Arunachal Pradesh' in the International SAARC Regional Seminar on the Traditional Knowledge and Traditional Cultural Expressions of South Asia, Sigiriya, Sri Lanka.

5-10 August 2013: 'Donyi-Poloism of the Galos of Arunachal Pradesh' and 'Indigenous Knowledge of the Galo tribe and Sustainable Development' in the 17th World Congress of the IUAES organized by the University of Manchester, UK.

21-23 August 2013: 'Use of Bamboo shoots among the Galo tribe of Arunachal Pradesh' in the International Conference on Asian Art, Culture and Heritage, Colombo, Sri Lanka.

9-13 Oct 2013: 'The Oral History and Genealogy of the Galos of Arunachal Pradesh, India' in The Oral History Association, Annual Meeting in Oklahoma City, USA.

12-18 January 2014: 'Indigenous Foodways of the Galos: A Challenge to Archaeology' in the Indo-Pacific Prehistory Association Congress at Angkor, Cambodia.

17-21 February 2014: Participated in a training course on Disaster Risk Management of Cultural Heritage at GIDM, Gandhinagar, organized by GIDM and Ritsumeikan University, Kyoto, Japan.

8 March 2014: Invited to deliver a lecture on The Look East Policy and Northeast India by the Kolkata Society of Asian Studies, Maulana Azad College, Kolkata.

K. Mavali Rajan

18-19 May 2013: 'Castes as Reflected in the early Tamil Literature' at 44th International Conference of the All India University Tamil Teacher's Association organized by Sri Raja Rajan College of Engineering and Technology, Karaikudi, Tamil Nadu.

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Remya V.P.

14-18 February 2014: 'Dravida Architecture: Lower Dravidadesa - West Coast' in the 5th Annual Conference of Society of South Asian Archaeology held at School of Studies in Anthropology, Pandit Ravi Shankar Shukla University, Raipur.

Publications/Books

Sarita Khettry

"Anji: A Study of Symbol in inscriptions of Bengal" Journal of Bengal Art, Vol. 18. 2013, pp.299-303.

Goutam Sengupta

Vibrant Rock: A Catalogue of Stone Sculpture In the State Archaeological Museum, West Bengal (Co-authored), Kolkata, 2014.

Bina Gandhi Deori

'Hunting - Gathering strategies of the Galos of Arunachal Pradesh' in the Commemorative Volume of Late Prof. T. C. Sharma 50 Years After Daojali-Hading: Emerging Perspectives in the Archaeology of Northeast India ed. Tiatoshi Jamir & Manjil Hazarika. Delhi, Research India Press, 2014. ISBN-13: 9788189131906.

K. Mavali Rajan

Medieval Tamil Society and Agrarian Slavery, Kolkata: Maha Bodhi Book Agency, 2014, (ISBN: No.978-93-80336-82-4)

"Castes as Reflected in the Early Tamil Literature", Aaivuk Kovai, Proceedings of the 44th International Conference of the All India University Tamil Teacher's Association, Vol.4, 2013, pp.2155-2159 (ISBN: No. 978-93-81724-15-6)

"Agrarian Servitude during the Medieval Period of Tamil Country", Journal of History & Social Sciences, Vol. IV, Issue I, January-June 2013, (ISSN: No. 2229-5798).

"Slavery in Early and Medieval Tamil Country", The Journal of Social Science and Humanity Research, Vol.I, No.1, January -June 2013, pp.94-104. (ISSN: No. 2321-8908)

"Agriculture in the Early Tamil Country", Central India Journal of Historical and Archaeological Research, Vol.II, No.7, July-September 2013 (ISSN: No. 2277-4157)

"Nationalism from Below: The Suppressed Class Uprising in Tamil Nadu", Golden Research Thoughts, Vol.3, Issue 5, November 2013 (ISSN: No. 2231-5063)

"Wet Crop Cultivation in Medieval Tamil Desa", ITIHAS- Journal of Andhra Pradesh State Archives and Research Institute, Vol. XXXVI, January- December 2012, pp. 48-59 (ISSN: No. 0970-812X) (Published in 2013)

Remya V.P.

'Gajaprishtakara Srikovils (Apsidal sanctum sanctorum) of Trissur', The Journal of Social Sciences and Humanity Research, Vol. I, No. 2, July-December 2013, ed. Jigar Mohammed & Sailen Debnath, 2013 325-333 ISSN 2321-8908
'Architecture of K?rala temples', International Journal of Social Sciences and Humanities, Vol 3, Issue 1, June 2013, Tumkur university, Tumkur ISSN 2277-7997

Others

Remya V.P.

Successfully completed Ph.D. degree from University of Mysore in December, 2013

Orientation Course at UGC-Academic Staff College, Jawaharlal Nehru University, New Delhi from 11th November to 6th December, 2013.

Goutam Sengupta

Invited to Guest Edit the forthcoming Volume of Lalit Kala, Journal of the Lalit Kala Academy, New Delhi.

Member of the Editorial Board. Indian Journal of History of Science, Indian National Science Academy, New Delhi.

DEPARTMENT OF HISTORY

Chhanda Chatterjee

Organisation of International Conference

International Conference on 'The Indian Freedom Movement and Partition of the Sub-continent' on February 10-11, 2014 Inaugurated by Prof. Sabyasachi Bhattacharya, Tagore National Fellow, Ministry of Culture and Former Vice-Chancellor, Visva-Bharati, Keynote Addresses by Prof. Uma Dasgupta, noted Tagore Scholar and Prof. Bashabi Fraser, Joint Director, Scottish Centre for Tagore Studies, Edinburgh Napier University and Royal Literary Fellow, Dundee. Prof. J.S.Grewal, Former Vice-Chancellor, Guru Nanak Dev University, Amritsar was the Chief Guest. Prof. Geraldine Forbes, Professor Emerita, Oswego, New York, Prof. Mandakranta Bose, Director of Research and Professor Emerita, Columbia University, Vancouver, Canada, Professor Sushil Chaudhury, Fellow, Royal Historical Society, London and Professor Indu Banga, Former Professor, Panjab University, Chandigarh acted as Guests of Honour. The Conference was presided over by Prof. Tapati Mukherjee, Director Rabindra Bhavana on behalf of Prof. Sushanta Dattagupta, the Honourable Vice-Chancellor, Visva-Bharati.

Co-Ordinator of UGCDRS(S&P) Phase-II of Department of History, Visva-Bharati.

Paper Presentation in International Conference

'Recasting the Outcaste : Rabindranath Tagore and His Six Punashcha Poems' Presented in an international Conference on Tagore against Discriminations held on 1 November, 2013 in the Metropolitan University, Prague, Czech Republic

Publications

Monograph : Tagore and the Sikh Gurus : A Search for Indigenous Modernity (Manohar, New Delhi, 2014)
Literature as History : Early to Contemporary Times (Primus, New Delhi, 2014), Edited with an introduction.

Bhaskarjyoti Basu

Delivered the 'Professor Sunil Kumar Sen Memorial Lecture' on 'Transformations in Coromandel Trade in the Mid-eighteenth Century' on 05.03.2014 at the Institute of Historical Studies, Kolkata.

Bipasha Raha

International/National Seminar/Conference/Workshop Attended

Invited Speaker in the International Workshop on 'History of Botanical and Meteorological Data on the Indian Ocean', jointly held by JNU and University of Sussex, JNU 30-31 August, 2013

Resource person in the UGC National Seminar on 'Changing Society of Twentieth Century Bengal (from historical perspectives) with special reference to North Bengal,' jointly held by Prasanna Deb Women's College and Maynaguri College, Jalpaiguri, held at Prasanna Deb Women's College, 26-28 September, 2013

Invited Speaker UGC National Translation Workshop on 'Stories for Children and Young Adults,' Department of English and Other Modern European Languages, Visva-Bharati', 16-18 January, 2014

Presented a paper in the International Conference on 'The Indian Freedom Movement and the Partition of the Sub-Continent,' Department of History, Visva-Bharati, 10-11 February, 2013

5. Invited Speaker in the International Conference on 'Interactions: Tagore and Global/Local Personalities' held by Rabindra Bhavana, Visva-Bharati, 21-24 March, 2014

Invited Speakers in Orientation Programmes/ Refresher Courses

Invited Speaker in the 90th Orientation Programme, Academic Staff College, Burdwan University, 6-26 June, 2013

Invited Speaker in the Winter School, Academic Staff College, Burdwan University, January, 2014 on 'Research Methodology in Social Sciences'

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Otherts

Visiting Professor, Department of History, Vidyasagar University, March 2014

Major Research Project

Completed UGC Major Research project on 'The Rural World in Contemporary Literature: Changing Perceptions in Colonial Bengal, 1930-50,' submitted report in July 2013

Publications

Article 'Harinath Majumdar and the Bengal Peasantry' published in Indian Historical Review vol.40, no. 2, 2013, pp. 331-53

Syed Ejaz Hussain

Publications:

International Journal

A research paper entitled "Silver Flow and Horse Supply to Sultanate Bengal with Special Reference to Trans-Himalayan Trade (13th-16th Centuries)" has come out in the Journal of Economic and Social History of the Orient (JESHO), Netherlands, Vol. 56, No. 2, 2013, pp. 264-308.

A research paper entitled "Discovery of Husain Shah's New Inscription and Ruins of a Jami Mosque from Husainabad in Ballia District of Uttar Pradesh and Diffusion of the Bengal Art" has been published in Journal of Bengal Art, Dhaka, Vol. 18, 2013, pp. 9-21.

National Journal

A research paper titled "Symbolism and the State Authority: Reflections from the Art on Indo-Islamic Coins" has been published in the Indian Historical Review, New Delhi, Vol. 40, No. 1, 2013, pp. 17-40.

A research paper titled "Jaunpur as a Seat of Bhakti Tradition and Hindi Love Lores", came out in Journal of Islamic History and Culture of India, (published by the Department of History and Culture, University of Calcutta), Vol. 1, 2012 (came out in 2013), pp. 184-93.

Seminars/Conferences/Lectures:

Delivered two lectures in Refresher Course in the Department of History, University of Calcutta on 22 February, 2014. Topic of first lecture was "Silver Supply in Sultanate Bengal" and the topic of the second lecture was "Horse Supply in Sultanate Bengal".

Participated in the National Seminar on Trends of Progressive Thought in Islam organized by the Department of Islamic History and Culture, University of Calcutta on 25 February, 2014 and presented a paper titled "Animal Rights in Islam: Some Reflections".

Participated in the International Conference on "The Indian Freedom Movement and the Partition of the Sub-continent" held in the Department of History, Visva-Bharati, Santiniketan on 10-11 February, 2014 and presented a paper titled "The Discourse of 1857: Kuer Singh Chapter Revisited".

Arpita Sen

PUBLICATION

'Khasi Society: Through a Gendered Lens of an Autobiography Atmajibansmriti (1889-1916) in edited Amarendra Thakur, Proceedings of North East India History Association, Thirty Third Session, Shillong, 2013

PAPERS PRESENTED

Attended the 34th Annual Conference of North East India Association held at Manipur University, Canchipur, Imphal from 11 to 13 November, 2013 and presented a paper entitled 'Bengal vs Assam': The Story Behind the Merger of Cooch Behar with West Bengal in 1950.

Participated and presented a paper on "Divide and Quit: The Politics of Partition in Ireland and India", in the International Conference "The Indian Freedom Movement and the Partition of the Sub-continent," on 10-11 February, 2014, Department of History, Santiniketan.

Arunava Das

Participated and presented a paper on Religious Tourism in India : Past, Present and Future in the seminar session of Bouddha Mahotsava held at Pelling, West Sikkim during 16-18 December, 2014. It was jointly organised by Nava Nalanda Mahavihara (deemed university) and Association for conservation and Tourism.

Amarendra Kumar,

Honours/Awards/Achievements:

Appointed/Engaged as a Visiting Fellow by the Gujarat Vidyapeeth, Ahmedabad, from 08-04-2013 to 13-04-2013.

Availed the Third Spell of Associateship under the Associates' Programme of the UGC Inter-University Centre for Humanities and Social Sciences at the Indian Institute of Advanced Studies, Shimla, from 01.10.2013 to 31.10.2013.

Selected/Appointed as the Deputy Coordinator of the UGC DRS SAP (Phase II) of the Department of History, Visva-Bharati, Santiniketan.

Papers Published:

Published a research paper titled 'Naval Endeavours of Chhatrapati Sambhaji and the Siddi of Janjira', in Shouryabhumi, A Peer Reviewed International Journal [ISSN: 2319720X], Vol-1, Issue 3 (Aug-Oct 2013), pp.77-8.

Seminars attended/ Paper presented:

Presented a paper titled 'Gandhi, Rabindranath Tagore and Nationalism', at a National Seminar "Grass-root Workers of Gandhian Era (1920-1947)", organised by Department of History & Culture, Gujarat Vidyapeeth, Ahmedabad (20,21 December, 2013).

Presented a paper titled 'Anglo-Maratha Contest in the Pre-Colonial Period', at an International Seminar "Rewriting the Colonial History of Colonial India" organised by the Department of History, Jadavpur University, Kolkata (20, 21 January, 2014).

Presented a paper titled 'Nationalism and Imagination: Maratha Historiography as a Vehicle for Promotion of Anti-Colonial Nationalism' at an International Seminar "The Indian Freedom Movement and Partition of the Sub-continent", organised by Department of History, Visva-Bharati, Santiniketan (10-11 February, 2014)

Acted as a Resource Person (Maratha Identity), at a National Seminar "Historical Perspectives on Identities: Issues and Challenges", organised by the P.G. Department of History, Sambalpur University, Sambalpur, Odisha on 23rd March 2014.

Pum Khan Pau

Papers presented at seminars/conferences

"Colonialism vs Chieftainship: The Making of Colonial 'Agent' in Chin Hills", presented at the National Seminar on Democratisation Process and the Zomis, organized by Siamsinpawipi Shillong, 19-20 March, 2013.

"Words as Weapon: Propaganda and its impact on the Zo during the Second World War", presented at the 35th North-East India History Association conference, Manipur University, 11-13 November, 2013.

"Revisiting the Indo-Burma Theatre: Representing the Zo (Kuki-Chin) in the struggle for British and Japanese Empires during the Second World War", presented at the International Seminar on Renewing the military history of colonial India, Jadavpur University, 20-21 January 2014.

"Anglo-Kuki Relations in Manipur, 1835-1947" presented at the International Seminar on "The Indian Freedom Movement and the Partition of the Sub-continent", organized by Department of History, Visva Bharati University, Santiniketan, 10-11 February, 2014.

"Colonial Modernity and the Making of Identity with reference to the Zo (Kuki-Chin)" presented at the National Seminar on "Impact of Globalisation on Tribal Language, Literature and Culture", organized by Assamese, Marathi and Tamil Language Units, Bhasa Bhavan, Viavs Bharati University, Santiniketan, 20-21 February, 2014.

"Fragmented Frontier: The Politics of British Policy towards the Chin -Lushai Hills, 1881-1898", presented at the National Seminar on "Rethinking Construction of "Frontier" and Identity in North East India" organized by Department of History, Pachhunga University College, Aizawl, 27-28 February, 2014.

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Published papers

"Manipur and the Chin Hills: James Johnstone's proposal for annexation of Chin Hills Reviewed", Proceedings of the 33rd NEIHA session, Rajiv Gandhi University, Itanagar, 2012, pp.437-444. (published in 2013)

"Colonialism vs Chieftainship: The Making of the Colonial 'Agent' in Chin Hills" in Thianlalmuan Ngaihte and Sasang Guite (ed) Democratisation Process in North East India: Some issues and challenges, New Delhi (forthcoming).

"Situating Local Events in Geo-Political Struggles between the British and Japanese empires: the Politics of Zo Participation during the Second World War", in Journal of Imperial and Commonwealth History, DOI: 10.1080/03086534.2014.894705 (Routledge)

Sudhi Mandloi

Orientation Course - Attended Orientation program held in Oct, 2013, University of Raipur.

Seminar Attended - Participated in International Seminar held in 2014, Dept. of History Visva Bharati.

Seminar Paper presentation -Presented paper - National Seminar held in 2014, Dept. of History, University of Raipur.

DEPARTMENT OF ANTHROPOLOGY

Manas Ray

Papers

'A Preliminary Approach of... Properties', Elixir, USA, with others, ISSN: 2229-712X, 2013

'Migration at... Oraons', Mediterranean Journal of Social Sciences, Rome, Italy, 4(13), with others, ISSN: 2039-2117, 2013

'Nature of conventional or traditional Clan and Village settlement in 21st Century: An Anthropological study on Oraon in 24pgs.(N), WB', Nritatya- The Anthropology, Visva-Bharati, Santiniketan, 2 & 3 (3 & 4), with others, ISSN: 2249-9830, 2013

Arnab Ghosh

Das M, Pal S and Ghosh A. 2013, Synergistic effects of ACE (I/D) and Apo E (Hha I) gene polymorphisms on obesity, fat mass, and blood glucose level among the adult Asian Indians: a population based study from Calcutta, India Indian Journal of Endocrinology and Metabolism 17 (1): 101-104

Nag T and Ghosh A. 2013, Cardiovascular disease risk factors in Asian Indian population: A systematic review Journal of Cardiovascular Disease Research 4 (4): 222-228

Ghosh A and Bhagat M. 2014, Association of television viewing time with central obesity status in rural Asian Indian women: Santiniketan women study. American Journal of Human Biology 26 (3): 427-430

Ghosh A. 2014, Explaining overweight and obesity in children and adolescents of Asian Indian origin: the Calcutta childhood obesity study. Indian Journal of Public Health 58 (2): 125-128

Jyoti Ratan Ghosh

Papers

2013: Jyoti Ratan Ghosh and Arup Ratan Bandyopadhyay 'Central adiposity and the risk of hypertension in Asian Indian girls' in the World Journal of Pediatrics. 9:256-260.

2013: Jyoti Ratan Ghosh and Avipsa Sarkar 'Prevalence of undernutrition among Santal children of Birbhum District, West Bengal, India' in the Sri Lanka Journal of Child Health. 42: 147-150.P

21-23 February 2014: Priyanka Das, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh 'Central obesity and type 2 diabetes' in the 11th INCAA Congress held at Dibrugarh University, Assam. (Pp. 90)

26-28 March 2014: Priyanka Das, Arup Ratan Bandyopadhyay and Jyoti Ratan Ghosh 'A study on the relationship between body fat distribution and blood glucose level in adult Bengalee females' in the National Seminar on Ethnic Diversity in India & Ambedkar's Idea on Social Justice at the Department of Anthropology, University of Calcutta. (Pp. 1)

Rangya Gachui

20-21 February 2014: 'The local self-governing institutions of the Koirang Tribe of Manipur' in the seminar Impact of Globalization on tribal language literature and culture, organised by Assamese, Marathi and Tamil language unit of Bhasha-Bhavana, Visva-Bharati in collaboration with Central institute of Indian languages, Mysore.

25-26 March 2014: 'The local self-governing institutions of the Tarao Tribe of Manipur' in the UGC sponsored National Seminar titled Anthropology in the 21st Century, organised by Department of Anthropology, University of North Bengal in collaboration with Anthropological Survey of India.

27-28 March 2014: 'Inpui youth dormitory' in the seminar titled Ethnic Diversity in India and Ambedkar's Idea of Social Justice, organised by Department of Anthropology, University of Calcutta.

Publications

Article in Book Chapter:

"An Oinam Poumai potter at work: Some implications for ceramic ethnoarchaeology' 50 years after Daojali-Hading: Emerging perspectives in the Archaeology of North East India: Essays in honour of Tarun Chandra Sharma. Edited by Tiatoshi Jamir and Manjil Hazarika; New Delhi, Research India Press; 2014: 218-226, ISBN: 978-81-89131-90-6

DEPARTMENT OF PHILOSOPHY AND COMPARATIVE RELIGION

In April, 1964, the Department was converted into a Centre of Advance Study in Philosophy. The Centre was designed to promote higher studies and research in metaphysics in collaboration with scholars from other universities in and outside the country. The scheme of research to be followed in the Centre was formulated by the University Grants Commission in the following way:

i) To inquire into the rationale of the current anti-metaphysical movements, [ii] to reconstruct metaphysics in the light of charges brought against it by anti-metaphysical thinkers and [iii] to see how far the modern anti-metaphysical thinkers' reorientation of Ethics, Aesthetics and Religion is tenable. The scholars working in the centre had an extensive choice of subjects ranging from problems of perception to problems of Religion. The visiting fellows at the Centre from abroad included such eminent figures as Professor H.D. Lewis, Professor John Hick, Professor George Burch and Professor W.H. Walsh. The first director of the Centre was Professor Kalidas Bhattacharya, an eminent philosopher himself.

The Department received Special Assistance Programme for 5 years from 1985 to 1990. At present this department is dispassionately disseminating philosophical and religious knowledge for all circle people through the process of Under Graduate, Post Graduate courses as well as research activities.

Organized Seminar/ Lecture / Conference:

1. Two day National Seminar on Sri Ramakrishna Paramahansa and the Mystic Traditions of Eastern India on 18-19 February 2014.
2. One day National Seminar to observe Teachers' Day on 5th September 2013 on the Philosophy of S. Radhakrishnan.
3. One day national seminar on Swami Vivekananda in Resurgence of Indian Culture and Philosophy on 21st November, 2013 to observe World Philosophy Day.
4. Binodini Memorial Endowment lecture at Visva-Bharati on 6th March 2014, delivered by the Prof. Amita Chatterjee, Former Professor of Philosophy, Jadavpur University, Kolkata.
5. Probodh Chandra Bagchi Memorial Endowment lecture on March 11, 2014 delivered by Professor Dilip Kumar Mohanta, Former Vice-Chancellor, Kalyani University, Kalyani.
6. Organized two day National Seminar in association of the Anthropological Survey of India, Kolkata on March 25-26, 2014 at Visva-Bharati on Santal Culture and their Religious Beliefs.
7. Prof. Felix Padel, Senior Research Associate, Centre for Environmental History, Sussex University, U.K. visited the Department and discussed Some Issues of Tribal Religion on 20-03-2014.
8. Dr. Kalyan Kumar Bagchi, Emeritus Professor, Visva-Bharati delivered a lecture in the department on Philosophical issues and the Present World on 17-08-2013.

Md. Sirajul Islam

Seminars/Conferences/Workshops Attended

15-16 December 2013. UGC sponsored Two Day National Seminar on "The Place of Morality in Naxal Movement" organized by the department of Philosophy, RIHS, Bhograi, Balasore, Odisha. Presented a paper on Place of Morality in Naxalite Movement: An exposition.

4 February 2014. Three day National Seminar organized by the Dept. of Education, Vinaya Bhavana, Visva-Bharati and delivered a lecture on 4th February, 2014 on Sufi Philosophy of Education for World Peace and Mental Tranquility.

25 February 2014. One day National seminar on Trends of Progressive Thought in Islam organized by the dept. of Islamic History and Culture, University of Calcutta, Kolkata on February 25, 2014 and presented a paper on Is Islam progressive?

29 January 2014. Centenary Occasion of Handing Over of Nobel Prize to Gurudev Rabindranath Tagore at Raj Bhavana (Rajyapal Nivas), Kolkata, jointly organized by the Information and Cultural Affairs Department and Visva-Bharati

and Rabindra Bharati University.

4-10 August 2013. 23rd World Congress of Philosophy organized by the University of Athens, Athens, Greece. Presented a paper in Environmental Philosophy Section on Buddhism and Ecological Crisis: Challenge and Promise in Global Perspective.

17 September 2013. One day International Seminar on "Buddha in Anagarika Dharmapala and Swami Vivekananda's Life" Organized by Maha Bodhi Society of India, Kolkata in the occasion of 149th Birth Anniversary of the Late Ven'ble Anagaraika Dharmapala. Presented a paper on Influence Buddhism on Indian Society and Culture.

October 9-10, 2013. ICCR, New Delhi sponsored International Conference on the commemoration of 150th birth anniversary of Swami Vivekananda organized by the Indian Embassy of Argentina, Buenos Aires, Argentina at Universidad Abierta Interamericana, Buenos aires, Argentina in and presented a paper on Swami Vivekananda's Notion of Universal Religion.

27 November 2013. Delivered a lecture at Kavi Jay Dev College, Illam Bazar, University of Burdwan on Role of NSS to Maintain National Unity.

Research Papers:

Published an article on "Sufivad: Sahaj Sadhanaya Manab Dharma" (in Bengali) Varnaparichaya, 1st Year, No. 2, Kolkata, 2013.pp. 56-64.

Published an article "Iqbal's Poetic Creativity and Philosophical Acumen for National Integration", The Visva-Bharati Quarterly, Vol-20(number-3&4) and vol- 21(number 1&2) 2011-12 (received in 2013), ISSN: 0972043X, pp. 129-136.

Published an article on Swami Vivekananda and National Integration: An Analysis in Islamic Viewpoint, Book-Swami Vivekananda and National Integration, edited by Projit Kumar Palit, Delta Book World, New Delhi, 2013, ISBN: 978-81-926244-2-6, pp. 121- 136.

Published an article on "Sufi Spirituality and Its Universal Outlook: An Analysis "in The Visva-Bharati Quarterly, Volume-22, Numbers 3&4, October 2013-March 2014,66-79. ISSN: 0972043X,

Others

General Secretary International Congress of Social Philosophy (ICSP), 2013-14.

Joint Secretary, Social Network for the Assistance to People (SNAP), Kolkata, 2012-13.

Member, Executive Council, Aliah University,Kolkata.2013-14

President, Visva-Bharati University Faculty Association (VBUFA), Visva-Bharati, Santiniketan.

Felicitation received from the Maha Bodhi Society of India, Kolkata on the occasion of 149th Birth Anniversary of the Late Ven'ble Anagaraika Dharmapala held on 17-09-2013.

Natun Gati Visva-Navi 2014 award received in the Muslim Institute Hall, Haji Md. Mahasin Square, Kolkata.

Felicitation received from the Gaudiya Mission, Amlajore, Durgapur, Burdwan in 2014 on the occasion of 150 death anniversary of Sri Bhakti Vinod Thakur.

Felicitation received from the Dept. of Bengali, Rabindra Bharati University, Kolkata in 2014.

Manjari Chakrabarty

Seminar/Conference/Workshop Attended

4-6 July 2013. 18th Biennial Conference of the Society for Philosophy and Technology (SPT) at ISEG, Technical University of Lisbon, Portugal. Title of the paper presented: "On the relation between Material Artefacts and Human Organism: Can Philosophy of Technology be useful for Cognitive Archaeology?"

15-18 December, 2013. 16th International Conference on "Translation, Comparatism and the Global South"organised by the Forum on Contemporary Theory (FCT) held in Mysore, Karnataka. Paper presented "Does Incommensurability imply Incomparability and Incomprehensibility?"

18-19 December, 2013. National Workshop on Philosophy of Science held during at the Department of Philosophy, Central University of Hyderabad. Paper presented: "A Philosophical Study of Material Artefacts"

02-05 February, 2014. International Conference on "Science, Technology and Values" organised by Indian Institute of

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Science and Religion in association with Jnana-Deepa Vidyapeeth (JDV), Pune from. Title of the paper presented: "A Philosophical Study of Human-Technology Relations"

13-14 February, 2014. National Seminar on "The Postmodern Paradigm in Philosophy" organised by the Department of Philosophy, North Bengal University under the Special Assistance Programme (SAP) of UGC. Title of the paper presented: "A Critique of the Foundationist Model of Reason: Postmodernists v/s Popper"

Ranjan Mukhopadhyaya

14-29 June 2013. Resource Person in 2nd Summer School Workshop on "Working of Mind: Formal and Philosophical Approaches Based on Nyaya-Vaisesika", organized by 'Centre for Exact Humanities', IIIT, Hyderabad, under 'Indiradevi Dhanrajgiri Endowment Program', hosted by IIT-BHU, Varanasi.

9-23 October 2013. Visiting Fellow at the Department of Philosophy of Jawaharlal Nehru University, New Delhi for 15 days.

17 - 18 Dec, 2013. Presented Paper titled "Paradoxes in Logic and Mathematics" in 'National Workshop on Philosophy of Science', organized by the Department of Philosophy, University of Hyderabad.

30 - 31 Jan, 2014. Presented Paper titled "Definitions" in a 2-Day National Seminar on 'Language and Mind - Twentieth Century Perspectives', organized by the Department of Philosophy, Jadavpur University.

12 - 14 March, 2014. Invited Speaker and delivered a talk on "Logic: Classical and Intuitionist: An Investigation into the Foundations of Mathematics", in a National Symposium on 'Mind, Matter and Mathematics: A Dialogue', organized by Hemvati Nandan Bahuguna Garhwal University, New Tehri, Garhwal, Uttarakhand.

Gour Hajra

Publications

"The Jaina concept of Ahimsa and its relevance in modern society" 'Anukrity. ISSN No. 2250 - 1193

"Swami Vivekananda's Neo-Vedanta and its critical Evaluation." 'Wisdom Herald' ISSN 2231 - 1483

"Jaina concept of omniscience (kevalajnana) - A critical and comparative study." Anusilana' ISSN 0973 - 8762

"Jaina ethics and its impact on Society." Shodh Drishti' ISSN 0976 - 6650

Others

Joint coordinator of a Two- Days National Seminar on "Ramkrishna Paramhansa and the Mystic Tradition of India" on 18-19 February, 2014 at Visva-Bharati, Santiniketan.

Maya Das

Seminar/Conference etc.

5 - 6 September 2013 : National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order, organized by Vinay-Bhavana, Visva-Bharati. Paper presented: "Philosophy of Radhakrishnan and the Universal Audience". Also chaired a session in the seminar.

21 November, 2013 : One day National Seminar on Swami Vivekananda in Resurgence of Indian Culture and National Unity, organized by the Department of Philosophy & Religion, Visva-Bharati, Santiniketan, paper presented: "Swami Vivekananda's Philosophical Ideas for the Future".

31 December 2013 - 1 January 2014 : Two Day Winter Camp on Personality and Leadership Development for an Awakened Nationhood, organized by the Department of Education, Vinay-Bhavana, Visva-Bharati, Santiniketan, invited as Guest of Honour, given lecture on "Personality Development: Its Aim and Need"

18 -19 February 2014 : Two Day National Seminar on Sri Ramakrishna Paramahansa and the Mystic Traditions of India; organized by the Department of Philosophy & Religion, Visva-Bharati, Santiniketan, paper presented: "Sri Ramakrishna Paramahansa and Indian Mysticism".

Publication

Article in book chapter: "Relevance of Swami Vivekananda's Philosophical Ideas for the Future", Understanding Vivekananda, published by Swami Suparnananda, Secretary, Ramakrishna Mission Institute of Culture, Kolkata, India, First published: September 2013, 224-254, ISBN 978-93-81325-31-5.

Rekha Ojha

National & International Seminar/Conference etc

5 September 2013- National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order organized by Vinaya-Bhavana, Visva-Bharati, Santiniketan from 5-6 September, 2013; made a presentation on 'Women Education in Radhakrishnan Commission: A Discourse'.

21 November, 2013- World Philosophy Day, National Seminar on Swami Vivekananda in Resurgence of Indian Culture and National Unity organized by Department of Philosophy and Comparative Religion, Visva-Bharati; made a presentation on 'Relevance of Swami Vivekananda's view on women in 21st century' from 21-22, November, 2013.

3 February, 2014- National Seminar on 'Treasure of Tranquillity: Philosophical Legacy of Indian Education organized by Department of Education, VinayaBhavana, Visva-Bharati, Santiniketan from 3-4 February, 2014;made a presentation on 'The Vedic Attitudes Towards Women and its Relevance in Twenty first Century: A Feminist Approach'.

9 February, 2014- National Seminar on 'Achievements of Women in Indian Theatre'organized by Women's Studies Centre in Association with KarmiMandali, Visva-Bharati, Santiniketan from 9-10 February, 2014;made a presentation on 'Feminist Theatre in India as a source of Projecting Women's Issues'.

18 February, 2014- National Seminar as RamkrishnaParamhansa and the Mystic Traditions of Eastern India organized by Department of Philosophy and Comparative Religion, Visva-Bharati, Santiniketan from 18-19 February, 2014; made a presentation on 'Sri Ramkrishna's Women Disciples'.

25 March, 2014 - National Seminar on Santal Culture and their Religious Beliefs' organized by Department of Philosophy and Religion, Visva-Bharati, Santiniketan and The Anthropological Survey of India,Kolkata, from 25-26 March, 2014;made a presentation on 'Impact of Mining Project on Adivasi Women in Mining Area. A Discours'.

Publications

"Yoga and Meditations in the Empowerment of Women: An Ethical Perspective"; International Organization of Scientific Research; Vol 3; Issue 4; April 2013; ISSN:2278-8719

"Women and Technology in India: A Philosophical Discourse," International Journal of Scientific and Research Publications; Vol 3; Issue 7; July 2013;ISSN:2250-3153

"Intersex and Identity Crisis" The Journal of UGC-ASC Nainital 'Quest'; Volume7; Issue 3; September 2103;ISSN:2249-0035

Others

Completed Refresher Course on 'Women's Studies' at University of Burdwan, West Bengal from 22.10.2013 to 11.11.2013

Member of Indian Association for Asian and Pacific Studies

Guided BA Dissertation on topics: Santhal Gods and Goddess and their Religious History,

Ramakrishna Math and Mission, Bharat Sawaasram Sangar Seva Bhavana

Jointly Conducted Intra-University Youth Festival 2013.

Jointly Conducted CV Awareness Preparation Class for Job Fair, 2014.

Jointly Conducted special class for Job Fair Participants on 'How to Face Interview

M.P. Terence Samuel

Seminars/Conference etc

26 September, 2014: National Seminar, 'Tamil Society in 19th Century', conducted by the Department of Journalism and Science Communication, Madurai Kamaraj University in association with Kaalachuvadu Publishers. Presented a paper, 'Naveenamaagum Marabugal - Shanar Naadaaraana Varalaaru (Modernity of Tradition - A History of Shanars Becoming Nadars)'.

12 March 2014: National Seminar on 'Religions, Literatures: Conceptual Formations', conducted by the Inter-Religious Scholars' Forum of the School of Religions, Philosophy and Humanist Thought, Madurai Kamaraj University, Madurai. Presented a paper, 'Epistemology of Colonial Discourse - Fanon's Perspectives'.

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PUBLICATIONS

Articles in Journals/Seminar Proceedings

'Double Consciousness - A Subaltern Resistance to Absolutist Reasoning', Journal of Social Science and Humanity Research, Vol. I, No. 2, July - December, 2013, Ed. Binay Barman, Bankura, 2013: 259 - 271. ISSN 2321-8908.

Co-authored 'Gendered Differentiation in the Laws of Manu: An Analysis of Patriarchal Objectification of Women', Journal of Social Science and Humanity Research, Vol. I, No. 2, July - December, 2013, Ed. Binay Barman, Bankura, 2013: 317 - 324. ISSN 2321-8908.

'Epistemology of Colonial Discourse - Fanon's Perspectives', Proceedings of the National Seminar on 'Religions, Literatures: Conceptual Formations', Ed. P. Divya, et al., Madurai Kamaraj University, Madurai, 2014: 534 - 538. ISBN 978-81-910214-7-9

Farha Naaz

Did some research work as a minor project financed by the unassigned grant by Visva-Bharati on the "Concept of the Perfect Man in the Philosophy of Ibn al-Arabi" during the period under report.

Mousumi Roy

Attended Refresher Course, ASC Rajasthan University, Jaipur, December 9- December 28, 2013.

CENTRE FOR JOURNALISM & MASS COMMUNICATION

Name of the students qualified in UGC/CSIR/NET/SLET & GATE Exam.:

Priyanka Roy (1 - NET June, 2013)

Departmental Seminar (Speakers, Title of the seminar, date) :

Dr. Pravin Sinha (Senior Advisor -FES), Dr. S.P. Srivastava (National Labour Law Association), Prof. Prasanta Ghosh (VB), Dr. Sujit Pal (VB) - National Seminar on 'Key Labour Issues in Birbhum, West Bengal' on 5-6 April 2013 in collaboration with Friedrich Ebert Stiftung (FES), Germany.

Mr. MJ Akbar, Kiran Prasad, Asian Communication & Media Congress - 'National Deliberation on Communication for National Integration: The Issues in Role of Media' on 20 April 2013.

Workshop on Newspaper Editing on 16 September 2013.

Workshop on Advertising on 15 November 2013.

Workshop on Public Relations and Media Management on 16 September 2013.

Workshop on Media Organization Management on 4 April 2013.

Workshop on Development Communication on 20 November 2013.

Prof. Suranjan Das, VC, Calcutta University, Dr. Buroshiva Dasgupta, NSHM, Snehasis Sur, Doordarshan, Prof. Dipankar Sinha, Calcutta University, Subhro Niyogi, Journalist, Times of India, Debasish Mazumdar, Head- Finance & Accounts, FES, Prof. Somdatta Mandal, VB, Prof. Tapati Mukherjee, VB - 'Role of Social Media: A New Voice in a Democracy' in collaboration with Friedrich Ebert Stiftung (FES), Germany on 28 -29 September 2013.

Prof. Sundeep Muppiddi (Hartford University), Mr. P. Sainath (Journalist), Mr. Paranjay Guha Thakurta (Journalist), Prof. Somdatta Mandal, VB - ICSSR sponsored International Conference on 'Crony Journalism: Redefining Journalistic Practices' on 18-19 January 2014.

Special Lecture by P. Sainath on 'Slumdogs vs. Millionaires - Inequality and Agrarian Crisis in India' on 18 January 2014.

Special Lecture by Hiranmoy Karlekar on 19 December 2013.

Special Lecture by Paranjay Guhathakurta on 13 January 2014.

Only National & International standard Conference/Seminar/Workshop/Exhibition

Attended by Teachers/Research Scholars in details:

Bipab Loha Chowdhury

13 February 2014: Invited lecture on 'Review of Health Communication Status in Contemporary Health Policy in India' in International Communication Management Seminar at Mudra Institute of Communication, Ahmedabad.

18 March 2014: As guest speaker gave lecture on 'Communication for Man Management' in ICFAI University, Agartala, Tripura.

Others

Country Director, Asian Communication & Media Congress

Member of the Managing Committee, Arkadyuti College of Education, Suri

Member of Media Information & Communication Centre of India

Member, Trustee Board, GRTF, New Delhi

Mausumi Bhattacharyya

19 April 2013: Nominated from India in the Scientific Committee of the 'Symposium On ASIA- USA Partnership

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Opportunities' organized by the Kennesaw State University, USA held in Atlanta in April, 2013 and presented a paper on 'Mobile Phone: A New Tool to Empower Rural India'.

18-19 January 2014: Presented a paper entitled 'Is Social Media A Holy Cow?' in the ICSSR sponsored International Conference on 'Crony Journalism: Redefining Journalistic Practices' held at Visva Bharati, Santiniketan.

27-28 February 2014: Presented a paper at GGS Indraprastha University on 'Gender Situation at Higher Education System and Media' in a national seminar sponsored by ICSSR.

30 January 2014: Participated in a Paper Presentation Session titled 'Media and Communication Education In the Digital Era' organized by the American Center, Kolkata and NSHM, Institute of Media and Design as an external expert.

18-19 January 2014: Organised the ICSSR sponsored International Conference on 'Crony Journalism: Redefining Journalistic Practices' as Seminar Director.

5-6 April 2013: Organised the National Seminar on 'Key Labour Issues in Birbhum, West Bengal' in collaboration with Friedrich Ebert Stiftung (FES), Germany as Seminar Director.

28 -29 September 2013: Organised the 'Role of Social Media: A New Voice in a Democracy' in collaboration with Friedrich Ebert Stiftung (FES), Germany as Seminar Director.

Others

Member, Young Leader's Think Tank - India, FES, Germany

Member, Media Information & Communication Centre of India, New Delhi

Member, Foundation for Media Professionals, New Delhi

Convener, Women's Study Centre Board, Visva-Bharati

Member, The World at Large Committee, Visva Bharati

Chairperson, Internal Complaints' Committee for Prevention of Sexual Harassment at Workplace, Visva Bharati

Joint Cultural Secretary, Kormimondali, Visva-Bharati (up to June 2013)

Sanhita Chatterjee

20 April 2013: Presented a paper entitled 'Network Spaces: Emerging Forms of Social Protests in India' at the National Deliberation On Communication For National Integration: The Issues in Role of Media organised by Center for Journalism and Mass Communication, Visva-Bharati in Collaboration with Asian Communication and Media Congress, India Chapter.

23-24 August 2013: Presented a paper entitled 'The Interplay of Democracy and Power in The New Network Sphere: The Indian Context' at a national seminar on Questioning Identity: Response of the State and Community in Contemporary India organised by Department of Political Science and Sociology, Barrackpore Rastraguru Surendranath College in Collaboration with The Jadavpur Association of International Relations at the Barrackpore Rastraguru Surendranath College.

28-29 September 2013: Presented a paper entitled 'Digital Literacy in India: The Need of the Hour' at a national seminar on Role of Social Media: A New Voice in Democracy organised by Center for Journalism and Mass Communication, Visva-Bharati in Collaboration Friedrich Ebert Stiftung (FES), Germany.

7-8 March 2014: Presented a paper entitled 'Questioning the Role of Social Media Platforms in Influencing Pre-Election Public Opinion' at Allahabad University at a National Seminar on Democracy in India: Emerging Trends organized by UGC-SAP, Department of Political Science & Nehru Studies Centre, University of Allahabad.

10-12 December 2013: Presented a paper entitled 'Emergence of New Network Sphere through the Interplay of Power and Counter Power: The Indian Perspective' at the Annual International Studies Convention 2013 on Re-imagining Global Orders: Perspectives from the South organised by the School of International Studies, Jawaharlal Nehru University (JNU), in partnership with Central University of Gujarat, University of Calcutta, University of Hyderabad, University of Pune, Pondicherry University and Panjab University.

20-22 February, 2014: Presented a paper entitled 'Reservations on the Women's Reservation Bill - Mapping Its Potential

Impact on Women's Empowerment in India' at the ICSSR Sponsored International Conference on 'Redrawing The Boundaries of International Relations: Going Beyond State and Power' organised by the Department of Political Science, Ravenshaw University, India.

18-19 January 2014: Organised the ICSSR sponsored International Conference on 'Crony Journalism: Redefining Journalistic Practices' as Convener.

5-6 April 2013: Organised the National Seminar on 'Key Labour Issues in Birbhum, West Bengal' in collaboration with Friedrich Ebert Stiftung (FES), Germany as Convener.

28 -29 September 2013: Organised the 'Role of Social Media: A New Voice in a Democracy' in collaboration with Friedrich Ebert Stiftung (FES), Germany as Convener.

Others

Member, 'Students' Activity Centre', Visva Bharati.

Student Affairs, In Charge, CJMC, Visva Bharati.

Ongoing Research Projects in the Department : Nil

Extension activities/NSS/Cultural & other activities organized by the Department and participated by the Teachers and Students of the Department:

1. Organized Freshers Welcome, Farewell Programme, Picnic etc
2. Participated in 'Vriksha Ropana', 'Poush Utsava', 'Vasanta Utsava' Anandabazar and other university functions and festivals during 2013-14.
3. CJMC collaborated with Indira Gandhi Centre, Department of Economics and Political Science etc. in organizing different programmes.

Academic distinctions gained by Teachers/Scholars of the Department as a whole (Like recognition as DSA or CAS etc.)

Bipab Loha Chowdhury

Member, Board of Research Studies in Journalism & Mass Communication, Burdwan University, West Bengal. (Till date)

Member, BOS in Journalism, West Bengal State Text Book Board(Till date)

Member,U.G.Board, West Bengal State University, Barasat (Till date)

Member, P.G. Board, West Bengal State University, Barasat (Till date)

Member of the Committee of Research in Journalism & Mass Communication, NSOU,Kolkata

Member, NCERT Committee on Curriculum for Media Studies,2010

Manuscript Reviewer in Journalism & Mass Communication, WBSBB, Kolkata

Mausumi Bhattacharyya

Member, Advisory Committee, International Journal of Communication Development, New Delhi

Guest Editor, Global Media Journal - India (Summer Issue on New Media)

Vice Chancellor's Nominee, Board of Studies, PG Diploma Course in Mass Communication & Videography, Vidyasagar University, Midnapore, WB

External Member, BOS, Journalism & Mass Communication, Distance Education, Kalyani University, WB

External Expert, BOS, Mass Communication and Videography, Rabindra Bharati University, Kolkata, WB

External Expert, BOS, Journalism & Mass Communication, Distance Education, Kalyani University, Kalyani, WB

External Expert, Structuring 'Sound Designing Course' for National Institute for Open Schooling under Dept of Education and Literacy, MHRD

External Expert, BOS, Journalism Department, St. Xavier's College

Publication within the year April 2013 - March 2014

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Bipab Loha Chowdhury

Paper on Atmaboi Jayate Putraho: Rabiputra Rathindranath (Bengali), Antarbaha, ISSN2278-7380, Vol.12, May 2013
Jointly edited book on Issues in Media and Communication, February 2014, ISBN 978-81-922957

Mausumi Bhattacharyya

Edited book entitled 'Voice of Social Media In Democracy' (January 2014, ISBN: 978-81-7522-584-8).
Chapter entitled 'Social Media and Digital Literacy: Path for the Masses to Science' in a book entitled 'Voice of Social Media In Democracy' (January 2014, ISBN: 978-81-7522-584-8).

Sanhita Chatterjee

Chapter entitled 'New Media: Synonymous with Social Change' in a book entitled 'Voice of Social Media In Democracy' edited by Dr. Mausumi Bhattacharyya (January 2014, ISBN: 978-81-7522-584-8).

Designing new Course/Curriculum or any other teaching innovations introduced by the Department:

1. Students are given exposure to presentation skills, interview techniques etc. by the faculties and industry professionals to prepare themselves for the greater challenges in future.
2. Event management skill is taught through organising various events like conferences, seminars, workshops, film screenings, special lectures etc.

A brief history on the development of the Vibhaga concerned with an indication of the future plans for development: Gurudev Rabindranath Tagore's interest in media is well known. His contribution to different literary journals and his naming Indian Broadcasting Service as 'Akashvani' are also very well known. When Visva-Bharati began its Centre for Journalism & Mass Communication (CJMC) in 2000 with PG Diploma Course in Journalism & Mass Communication, it was the founder's goal, which started preparing future communicators fine-tuned for connecting people across the world.

In 2000-2001, its 14 months Diploma Programme had 23 students. A specially designed Bridge Course leading to MA for students of PG Diploma Course was started in 2002-2003. From 2003-2004, a full-fledged 2-year MA Degree course was started with 25 students. In 2004-2005, more students took admission. At present foreign students are also studying at CJMC.

From 2009-10 session, semester system has been introduced. The PG Degree curriculum is now divided in Four Semesters (Six months duration each). The first semester takes care of the Communication Principles, Media Laws, History of Press, Reporting and Editing of Print Journalism, Heritage and Cultural Studies (with thrust on Rabindra Studies). Second Semester is mostly practical oriented. Along with Communication Research students are trained with the details of Print, Television and Radio Journalism. There are compulsory Visual, Radio and Newspaper projects. Students prepare documentary films, Radio jingles/talks/interviews in their second semester. Third Semester is devoted to Advertising, Public Relations, Development and Rural Communication. In the Fourth Semester, every student specializes in one of the subjects among Media Management and Film Studies and Web Journalism. In this year, every student completes a dissertation. Film Studies and Web Journalism students prepare short film and web projects. In 2013-2014 session, they have made a film named 'Shortcut to Zodiac'.

CJMC presently has one Professor (through CAS), one Associate Professor and one Assistant Professors and one Assistant Professor supported by a pool of Guest Lecturers (Internal). CJMC also has one Field Officer who organizes regular field activities of the students and coordinates the news items published in the departmental publication 'Visva Bharati Chronicle'.

Many of the students were absorbed in Times of India, The Telegraph, Anandabazar Patrika, The Statesman, Hindustan Times, Probhat Khabar, ABP Ananda, E-TV Bangla, E-TV Rajasthan, Indian Express, TIS, Axis Bank, Siliguri College, Siliguri, Yuva Parivartan (New Delhi), Rani Birla College, Kolkata, Indian Information Service, Information and Cultural Service (West Bengal), Kaivalya Foundation, New Delhi etc.

CJMC aims to update the present course curriculum with a special emphasis on Rural Communication and New Media under Mass Communication Studies. Also explore the probability of introducing short-term courses on Advertising, Public Relations, Science Communication etc.

Any other relevant information :

CJMC organised a student film screening on January 18, 2014 with three documentaries (made by the second semester students of 2012-2013 session) and a short film (made by the fourth semester students of the 2011-2013 session)

In 2013-14 session, 1 student got 'Gandhi Fellowship' funded by a renowned organization Kaivalya Foundation, New Delhi.

Two students of CJMC were selected by Yuva Parivartan, New Delhi.

Public Relations (Semester III, Paper IX) topper, Esha Chakraborty (2011-2013 Session) was felicitated by the Public Relations Society of India, Kolkata Chapter.

CJMC has one Field Officer (Chandranath Banerjee), who coordinates all the projects related to field based practical workshops/projects -

Coordinated in organising the ICSSR sponsored International Conference on 'Crony Journalism: Redefining Journalistic Practices' as Convener on 18-19 January 2014.

Coordinated in organising the National Seminar on 'Key Labour Issues in Birbhum, West Bengal' on 5-6 April 2013 in collaboration with Friedrich Ebert Stiftung (FES), Germany.

Coordinated in organising the 'Role of Social Media: A New Voice in a Democracy' in collaboration with Friedrich Ebert Stiftung (FES), Germany on 28 -29 September 2013.

SIKSHA-BHAVANA (Institute of Science)

Siksha-Bhavana (Institute of Science) comprises eleven constituents: ten Departments and one Centre, viz. Departments of Chemistry, Mathematics, Physics, Botany, Zoology, Statistics, Computer & System Sciences, Biotechnology, Environmental Studies and Integrated Science Education & Research and Centre for Mathematics Education where both teaching and research programmes are running leading to award of B.Sc. (Hons.), M.Sc., Integrated M.Sc., and Ph.D. degrees. Over this period of time, this Bhavana has made remarkable strides in both teaching and research, and has generated scientific awareness among the surrounding populace in consonance with the ideas of Gurudev Rabindranath Tagore, through its extension programmes. Interdisciplinary programmes of teaching and research have been developed and the institute has produced excellent graduates who are serving the society through their work in prestigious universities, institutions and organizations in various regions of the country and abroad. All the departments and centres are doing commendable work with motivation for excellence in developing new courses and in initiating novel fields of research. Five departments, Physics, Chemistry, Mathematics, Zoology and Botany have already received the recognition from the Department of Science & Technology, Govt. of India in the form of FIST grants. The Departments of Mathematics, Chemistry and Botany have been awarded Special Assistance Programme (DRS) from UGC. The Department of Zoology has been awarded Centre for Advanced Study (CAS) from the UGC. The M.Sc. programme of the Centre for Biotechnology is supported by the Department Biotechnology, Govt. of India and students admitted to this course are those qualified through the All India Entrance Examination conducted by JNU, New Delhi. These students also get a monthly stipend of Rs. 3000/-. The Five Year Integrated M.Sc. Course in Science (Physical Science and Life Science) initiated in the academic session 2009-2010, intended for attracting highly motivated and talented students to research and education in basic sciences, is currently running successfully. The students are admitted in this course through National Entrance Screening Test (NEST) and are awarded scholarship Rs.5,000/- p.m. under the INSPIRE Programme of DST, Govt. of India.

The performance of the students of the Bhavana in the national level tests like, NET, GATE and SET has been very encouraging. In the year under report, a large number of students have qualified in UGC-CSIR NET, GATE and SET examinations.

A proposal for establishment of a multidisciplinary advanced research centre in Siksha-Bhavana, named Centre for Research on Bio-Resources, has been submitted.

This year Siksha-Bhavana organized a large number of seminar lectures:

(a) A monthly lecture series was arranged under the name of Siksha-Bhavana Seminar Circle, and faculty members of the Bhavana delivered popular lectures:

Date	Speaker	Topic
23.8.2013	Prof. S. P. Adhikary, Dept. of Biotechnology	Biodeterioration of stone monuments of cultural heritage of India and technology for their conservation
20.9.2013	Prof. S. N. Chakraborty Dept. of Physics	Bohr's Hydrogen Atom Model
31.10.2013	Prof. R. K. Kar Dept. of Botany	Oxygen: Benefits and threats to plants
29.11.2013	Prof. I. N. Basu Mallik Dept. of Chemistry	Prospects of fuel cells and bio-fuel cells in India

- | | | |
|------------|--|--|
| 20.12.2013 | Prof. S. Chaudhury | Dept. of Environmental Studies Bioindicators:
Tools for climate change prediction |
| 27.1.2014 | Prof. S. P. Sinha Babu
Dept. of Zoology | Current status of neglected diseases in India with
special emphasis on lymphatic filariasis |
- (b) Prof. Sumanta Chattarji of National Centre for Biological Science, Bangalore on 27th Feb, 2014 delivered an invited seminar talk organized by Siksha-Bhavana in collaboration with Einstein Bhavana on 'Stress, emotional memories, and the brain'. Hon'ble Vice-Chancellor inaugurated the programme.
- (c) On 28th Feb' 2014, Siksha-Bhavana made a gala celebration of National Science Day at Visva-Bharati. Hon'ble Vice-Chancellor inaugurated and presided over the programme. Prof. Sudhendu Mondal, Adhyaksha, Siksha-Bhavana delivered the welcome address. Two celebrated former scientists of Siksha-Bhavana - Prof. Anil Kr. De (Chemistry) and Prof. Samir Bhattacharya (Zoology) were felicitated for their life time contribution. Hon'ble Vice-Chancellor took an interactive tutorial with the students present on 'Raman Spectroscopy'. Prof. Bikash Sinha delivered the NSD Oration Lecture on 'God Particle and Infant Universe at CERN'. The lecture was highly appreciated by the audience. The program ended with vote of thanks presented by Prof. Ashis Bhattacharyee, Vice-Principal, Siksha-Bhavana.
- (d) Prof. D. Balasubramanian, Director of Research, L. V. Prasad Eye Institute, Hyderabad delivered a special seminar lecture on 'Protein structural rationale of congenital eye cataract' at the Lipika auditorium on 15th March, 2014.
- (e) On 27th March, 2014, the Science Seminar Lecture Series (2014) - a new initiative by Siksha-Bhavana was held at the Seminar Room of Dept. of Botany. Five young faculty members of the Bhavana - Dr. B. Dam (Dept. of Botany), Dr. S. Mukherjee (Dept. of Zoology), Dr. R. Kundu (Dept. of Zoology), Dr. H. Gupta Joshi (Dept. of Botany) and Dr. S. Balachandran (Dept. of Environmental Studies) delivered talks on their current research interest.

DEPARTMENT OF PHYSICS

Name of the Department and detailed information

The Department of Physics, Visva-Bharati was established in 1963 with a provision for teaching at the B.Sc. Honours level. Subsequently, the M.Sc. Teaching programme was started in 1968 along with the efforts to develop research facilities in Physics. Initially the Department laid more emphasis on theoretical research due to its constraints. Gradually, with the support from different funding agencies, research works on theoretical as well as experimental physics had been started on a wide range of fields. Presently, in theoretical physics the faculty members are working on particle physics, scattering theory, many body interactions, super symmetric quantum mechanics, quantum optics, lattice dynamics, astrophysics, cosmology, etc. The areas covered by experimental research are microwave electronics, nuclear physics, radiation physics, condensed matter physics using nuclear techniques, nanoscience, molecular magnetism, Mössbauer spectroscopy, Raman spectroscopy experimental particle and nuclear physics, etc. Several research projects were being carried out with support from different funding agencies, e.g., DST, DAE, AERB, UGC, CSIR, IUC, IUAC, etc. In addition, experimental works using the major accelerator facilities at VECC, NSC, TIFR and Microton centre, Mangalore were also going on. The Department has recently procured an X-Ray powder Diffractometer-(Rigaku D/Max Ultima IV Automatic high resolution type) under FIST programme.

The Department is an associate centre of the Theoretical Physics Seminar Circuit. Some faculty members are having research collaborations with institutions abroad. Eminent scientists from our country and abroad regularly visit this department. The Department has been taking an active role in the curricular development at both the P.G. and U.G. Level. Presently the Department is offering six special papers (Condensed Matter Physics, Particle Physics, Electronics, Quantum Electronics, and Astrophysics & Cosmology and Nuclear Physics) at the Post-Graduate level. The 'Computer Applications' courses to the Under-Graduate as well as Post-Graduate students have been in effect since 1987 as knowledge in Computational Physics is now-a-days considered an essential ingredient of a Physics Curriculum. Students are trained in such a way that they can cope with their future requirements after passing out of the P.G. Level.

Name of the students qualified in UGC / CSIR / NET / SLET / JEST / GATE Examinations.

JEST 2013: (3 Students)

Sourav Mondal, Indrajit Tah, Suman Garai

JEST-2014: (9 Students)

Shoubhik Mandal, Samsul Arefin, Sabyasachi Paul, Arjun mani

Shilpa Kastha, Anirban Kundu, Riya Sebait, Saili Dutta, Soyrov Mandal

GATE- 2013: (4 Students)

Sanchari Bhattacharya, Debajyoti De, Indrajit Tah, Suman Chand

GATE-2014: (11 Students)

Samsul Arefin, Shoubhik Mandal,

Saili Dutta, Shilpa Kastha, Arghya Chattopadhyay, Arjun, Mani, Anirban Kundu

Sourav Kundu, Alik Panja, Joydwip Karmakar, Sanchari Bhattacharya

NET- 2013: (8 Students)

Suman Mondal, Debapriya Roy, Arindam Biswas

Suman Garai, Arjun Mani, Shuvoraj Ghosh, Saili, Dutta, Mehboob A.K. Nooruddin

Departmental Seminar / Symposia.

National and International standard Conference / Seminar / Workshop / Exhibition etc. attended by teachers / Research Scholar in detail

B.C. Gupta

24-27 October 2013: 'Structural, electrical and catalytic properties of platinum nanotubes' delivered at the International Symposium on Nanostructures and their Applications in Renewable Energy at Peking University, Beijing, China.

22-23 November 2013: 'Emergence of Quantum Mechanics' and 'Nano-structures and their Applications' at the State Level Seminar entitled Quantum Mechanics: Theoretical Concepts and Applications organized by Domkal College, Murshidabad.

29-31 August 2013: 'Gold wire structures Si(001):2x1' presented at CMDAYS NIT, Rourkela.

S. Roy

8-10 November 2013: Attended the 79th Annual meeting of Indian Academy of Sciences at Chandigarh as an invited teacher.

Biswajit Pandey

11 January 2014: Delivered two lectures in a IUCAA short course on Astronomy and Astrophysics held at Birbhum Institute of Engineering and Technology, Suri.

S. Sil

13 June 2013: Impact of Rashba and Dresselhaus spin-orbit interaction on the charge and spin transport in mesoscopic ring by Shreekantha Sil at Martin Luther University Halle, Germany.

P.K. Ghosh

2-6 December 2013: International Conference on Quantum Integrable System, S.N. Bose National Centre for Basic Sciences, Kolkata. Delivered talk on 'Pseudo-hermitian Deformation of Quantum Integrable Systems'.

Anagha Chakraborty

24-28 March 2014: Participated and delivered a talk on 'Recent Status of Vibrational Structure in Spherical Nuclei' in the Joint ICTP-IAEA Workshop on Nuclear Structure and Decay Data: Theory and Evaluation ICTP, Trieste, Italy.

Aditya Sow Mandal

23-25 April 2013: IUCAA sponsored workshop on X-ray Astronomy at IUCAA Resource Centre(IRC), Dept. of Physics, North Bengal University.

13-24 January 2014: MIT-IUCAA workshop on X-ray studies of Transient Astronomical Sources at IUCAA, Pune, India

Prof. Swapan Mandal

13-14 September 2013: 'Quantum entanglement in two coupled linear oscillators' at the National Conferences on Physical Sciences at DHSK College, Dibrugarh, Assam.

26-28 March 2014: 'Classical and Quantum oscillators with time dependent parameters' at the National conference on Physics of Advanced Optical Materials and Photonics (PAOMP 2014) organised by Department of Physics and Technophysics, Vidyasagar University and Siksha-o-Onusandhan University, Bhubaneswar, Orisa.

Swapan K. Mandal

3-5 July 2013: Delivered invited talk on 'Fabrication of Single Polymer Chain Towards Connecting Single Molecule Using STM' Swapan K. Mandal, Y. Okawa and M. Aono at the International Conference on Electron Microscopy, SINP, Kolkata, India.

20 December 2013: Fabrication of single polymer nanowire using STM, 385-th MANA Seminar, NIMS, Tsukuba, Japan.

Ch-II

A. Bhattacharjee

19-23 Dec 2013: A. Bhattacharjee, D. Roy, M. Roy, J. Kusz. THERMANS- 2013, Indian Thermal Analysis Society (ITAS), Homi Bhabha National Institute, Mumbai, India.

12-13 August 2013: A. Bhattacharjee, H. Mandal, M. Roy and J. Kusz, International Conference on Frontiers in Energy, Environment, Health and Materials Research (EEMR - 2013): Bhubaneswar, IMMT, India.

International Conference on the Applications of the Mössbauer Effect (ICAME 2013), OPATIJA, Croatia.

25-27 September 2013: A. Bhattacharjee, A. Rooj, M. Roy, J. Kusz. Second National Seminar on NEW MATERIALS RESEARCH and NANOTECHNOLOGY-NSNMRN2013, Department of Physics, Government Arts College, Ooty.

T. Chattopadhyay

18-19 September 2013: Delivered a talk on his contributed paper in the IEEE International Conference on Circuits and Systems (ICCAS-2013) held in Kuala Lumpur, Malaysia.

6-7 January 2014: Delivered a talk on his contributed paper in the International (IEEE) Conference on Electronics, Computing and Communication Technologies (CONECCT-2014) held in Bangalore.

Sudipta Das

13th December 2013: First Topical Conference on Gravity and Cosmology (Eastern Region) held at Saha Institute of Nuclear Physics, Kolkata.

13-15 March 2014: National Conference on Current Trends in Particle Physics Research (CTPPR2014) held at the Department of Physics, University of Kalyani.

Amitava Bandyopadhyay:

13-14 September 2013

Invited Talk: 'Diode laser sources: their fabrication and use in different fields of spectroscopy', National Conference on Physical Sciences, DHSK College, Dibrugarh, Assam.

'A study of the effect of a control signal on the transparency of an alkali vapour medium: Application to cesium D transition' - Khairul Islam, Arindam Ghosh, Dipankar Bhattacharyya, Amitava Bandyopadhyay -National Conference on Physical Sciences, DHSK College, Dibrugarh, Assam.

6 - 9 December 2013: 'Effect of a coherent control field on the propagation of a weak coherent probe field through an absorbing atomic vapour' - Khairul Islam, Arindam Ghosh, Dipankar Bhattacharyya, Amitava Bandyopadhyay, 5th Indian Youth Science Congress, Visva-Bharati, Santiniketan.

On going Research Projects in the Department

T. Chattopadhyay

Name of the Project: Synchronized semiconductor laser response to intensity- and frequency/ phase modulated light waves

Funding Agency: CSIR, New Delhi.

1st year sanctioned amount :13,64,000 /- INR

Date of commencement : May 10, 2013

P.K.Ghosh

Name of the Project : Physics and Mathematics of PT-symmetric systems

Sponsoring Agency: SERC, DST, Govt. of India for the period 2013-2016

Sanctioned Amount : Rs. 13, 44, 000

M. Maity

Name of the Project: Study of New Particles with the CMS at the Large Hadron

Collider and Heavy Ion Physics with the LHC at CERN

Sponsoring Agency: Department of Science & Technology, Government of India
Sanctioned Amount: Rs. 431.30 lakhs, April 2009 - March 2014

T. K. Kundu

Name of the Project : Metal nanoparticles embedded in oxide thin films for memory device application.

Sponsoring Agency : UGC, New Delhi India.

Amount Sanctioned : Rs. 7.46 lacs.

A. Bhattacharjee:

Name of the Project: Electrical, Magnetic and Microstructural Characterization of some Composite Biopolymer

Sponsoring Agency: CSIR, Govt. of India

Sanctioned Amount: 15.74 lacs INR excluding OVERHEAD GRANT

(Tenure: JULY, 2011 - JUNE, 2014)

S. K. Mandal:

Name of the Project : Chemical synthesis and physical properties of multiferroic nanostructures.

Sponsoring Agency : CSIR.

Amount Sanctioned : Rs. 15 Lacs INR

B. Mukherjee

Name of the Project: Measurement of prompt proton decays in $N = Z$ nuclei using Indian Gamma Detector Array.

Sponsoring Agency : Inter-University Accelerator Center, New Delhi (an autonomous center of UGC).

Amount Sanctioned : One FR fellowship plus consolidated INR 25,000/- per year for 3 years.

S. Roy

Name of the Project: Experimental study of percolation phenomenon through contactless techniques. (F.No.41-1402/2012(SR) dated 30.07.2012)

Sponsoring Agency: UGC, India

Amount Sanctioned: 1,70,000/- INR

Anagha Chakraborty

Name of the project: "Search for Non-yrast Collective States in ^{150}Nd "

Sponsoring Agency: UGC-DAE Consortium for Scientific Research, Kolkata Centre.

Amount Sanctioned: One UFR fellowship plus consolidated INR 25,000/- per year for 3 years.

Swapan Mandal

Name of the project: Dynamics of ion in Paul trap: Effects of micromotion, Sponsoring Agency: CSIR, India.

Amount Sanctioned: INR 13,42,000 for three years.

Name of the project: Velocity selective coherent population trapping of multilevel atomic systems.

Sponsoring Agency: UGC, India.

Amount Sanctioned: INR 15,00,000 for three years.

Amitava Bandyopadhyay

Name of the Project: "Manipulation of population in an atomic vapour system through coherent laser beams"

Funding agency: Department of Science & Technology (DST), New Delhi.

Sanction order no. SR/FTP/PS-079/2010, dated: 14/08/2013

Fund: INR 17.25 Lakh

Academic distinctions gained by the Teachers / Scholars or the Department as a whole (Like recognition as a D.S.A or C.A.S. etc.)

Ch-II

T. Chattopadhyay

Reviewed paper of "Electronic Letters (UK)"

Senior Member of IEEE (USA).

Fellow of IETE (India).

A. Bhattacharjee

Visiting Professor at Saha Institute of Nuclear Physics, Kolkata

(1 Feb - 31 April 2013).

Reviewer of Journals: Solid State Communications, Materials Letter, Environmental Monitoring & Assessment J. Physics: Condensed Matter.

S. Sil

Visiting Professor at University of Duisburg, Germany from 18 May to 29 June 2013.

P.K. Ghosh

Awarded a Fellowship under the Scientific Bi-lateral Exchange Programme of Indian National Science Academy, New Delhi.

Host University/Institution	Period of visit	Title of lecture delivered
Nuclear Physics Institutes, ASCR, Prague	07/04/13 to 03/05/13	Pseudo-hermitian deformation of quantum systems (Seminar on April 19, 2013)
Joint Laboratory of Optics of Palacky University & Institute of Physics of ASCR, Olomouc	23/04/13	Do
Department of Physics, University of Hradec Kralove,	24/04/13 to 25/04/13	Do
Faculty of Mathematics & Physics, Charles University, Prague	30/04/13	Do
Cathedra of Mathematics, FNSPE Czech Technical University, Prague	26/04/13	Self-adjoint extensions of rational Calogero-type models

Swapan Mandal

20-21 February 2014

Adjudicator for the presentation in physics section of 21st West Bengal State Science and Technology Congress, University of Burdwan.

Visited the Department of Physics, University of La-Plata, Buenos Aires, Argentina during July-August 2013 as an associate member of the TWAS.

Visited the Department of Physics, Heriot-Watt University, Edinburgh under the INSA-RSE programme during December 2014.

Academic achievement: Associate Member, The third world academy of sciences, Trieste, Italy. INSA-RSE (Royal Society Edinburgh) visiting Scientist nomination in 2013.

B. C. Gupta

Reviewer of APS journals: PRL, PRB etc.

Adjunct faculty of Department of Physics, University of Illinois at Chicago, USA.

S.K. Mandal

Visiting Professor, MANA, National Institute of Materials Science (NIMS), Tsukuba, Japan, 1-31 December 2013.

Reviewer to various International Journals (AIP, ACS, Elsevier).

Asmita Sengupta

Professional society membership

1. Swiss Chemical Society-2014

2. British Science Association-2014

Reviewer: Journal of Photochemistry and Photobiology B - Biology (scopes. Elsevier),

Journal of Pure and Applied Chemistry

European Physical Journal -Applied Physics ,

International Journal of Advancements in Research & Technology (IJOART) ,

International Journal of Physics

Sudipta Das

Reviewer of journals : New Astronomy (www.elsevier.com/locate/newast)

Pramana - Journal of Physics

Book Publication within the year April 2013 - March 2014

R. K. Singha

R. K. Singha, S K Ray, 'Silicon-Based Detectors and Sources for Optoelectronic Devices', in an Edited book Guided Wave Optics and Photonic Devices Eds. Shymal Bhadra and Ajoy K Ghatak, Chap. 9, pp. 203-224, May 17 2013 by CRC Press, Taylor and Francis, USA. ISBN 9781466506138.

Publication in refereed journals within the year April 2013 - March 2014.

T. Chattopadhyay

T. Chattopadhyay and P. Bhattacharyya, "Role of line width enhancement factor on the frequency response of the synchronized quantum cascade laser," Optics Communications, vol. 309, pp. 349-354, November, 2013.

T. Chattopadhyay and P. Bhattacharyya, "A Scheme for Low Noise Optical Pulse Generation," Journal of Optics, vol. 42, no. 2, pp. 148-155, April-June, 2013.

T.K. Kundu

"Structural and Optical Properties of Alumina Templated Undoped and Co-Doped Zinc Oxide Nanoparticles", Nantu Karak, Pijus Kanti Samanta, and Tapas Kumar Kundu, Journal of Nanoengineering and Nanomanufacturing, 3, 1, 2013

B. C. Gupta

"Work function and Young's modulus of Platinum Nanotubes: Density functional study" by Monoj Das, Prajna Mukherjee, S. Konar and Bikash C. Gupta; Physica Status Solidi (b) 250, 1519 (2013).

"Electronic and magnetic properties of pristine and transition metal doped ZnTe nanowires" by Prajna Mukherjee, Bikash C Gupta and Puru Jena, J. Phys.: Condens. Matter 25, 266003 (2013).

B.Mukherjee

"Charged particle detector array for GDA" , S.Muralithar, B.Mukherjee, R.P.Singh, G.Mukherjee, P.Joshi, A.Punithan ,B.Sahu, A.Gupta, R.Ahuja, R.Ram, S.Rao, S.K.Saini, J.Zacharis and R.K.Bhowmik, Nuclear Instruments and Methods in Physics Research A Vol 729, page 849-855 ,2013.

Ch-II

Subhasish Roy

"An MPI Daemon-Based Temperature Controller for an AC Susceptometer",
S. Roy, A. Chakravarti, S. Sil; Vol. 2, Issue 12 (December 2013), IJAREEIE.

R.K. Singha

S Manna, R Alugiri, R K Singha, S Das and S K Ray,

"Electroluminescence from metal-insulator-semiconductor tunneling diode using compressively strained Ge on Si_{0.5}Ge_{0.5} virtual Substrates", Optics Express, 21(23), pp. 28219-31, Nov 18, (2013), doi: 10.1364/OE.21.028219

Yizhak Yacoby, Naomi Elfassy, Samit K. Ray, Raj K. Singha, Samaresh Das, Eyal Cohen, Shira Yochelis, Roy Clarke, Yossi Paltiel, "Morphology and growth of capped GeSi quantum dots", J Nanopart Res, pp. 1-7, 15:1608, 4 April, (2013). DOI 10.1007/s11051-013-1608-3.

Biswajit Pandey

"A method for testing cosmic homogeneity with Shannon entropy", Biswajit Pandey, 2013, Monthly Notices of the Royal Astronomical Society, 430, 3376

"Exploring the non-linear density field in the Millennium simulations with tessellations - I. The probability distribution function", Biswajit Pandey, Simon White, Volker Springel, Raul Angulo, 2013, Monthly Notices of the Royal Astronomical Society, 435, 2968

S. Sil

"Spin-orbit interaction induced spin selective transmission through a multi-terminal mesoscopic ring", M. Dey, S.K. Maity, S. Sil, and S. N. Karmokar, Jour. Appl. Phys. Vol 114, page 164318 (2013)

"An MPI daemon-based temperature controller for an AC susceptometer, S.Roy, A. Chakravarti and S. Sil, IJAREEIE vol 2, page 6264, (2013).

"Lattice bosons in a quasi-disordered environment: The effect of next nearest neighbour hopping on localization and bose Einstein condensation", R. Ramkumar, A. N. Das and S. Sil, Physica A vol 401, page 214 (2014).

Biplab Roychoudhuri

B. Raychoudhuri, "Sagnac Effect in (2+1)-Dimensional Gravitational Field",
Mod. Phys. Lett. A Vol. 29, No. 3 1450014, (2014)

B. Raychoudhuri, F. Rahaman and M. Kalam, "On Topological Defects And
Cosmological Constant", Mod. Phys. Lett. A Vol. 29, No. 1, 1450007, (2014)

Aparna Saha

"Dissipative systems in a non-dissipative framework", Umapada Das, Aparna Saha, Subrata Ghosh and Benoy Talukdar, Physica Scripta, Vol.87, (2013), 065403.

"Dynamical systems theory for the Gardner equation", Aparna Saha, B. Talukdar and Supriya Chatterjee, Phys. Rev. E, 89, (2014), 023204.

"On the localization of Rydberg wave packets", Supriya Chatterjee, Aparna Saha and Benoy Talukdar, Eur. Phys. Journal D, 67, (2013), 240.

"Solutions of the coupled Higgs field equations", Benoy Talukdar, Swapan K Ghosh, Aparna Saha and Debabrata Pal, Phys. Rev. E, 88, (2013), 015201.

S.K.Mandal

"Pronounced Multiferroicity in Oleic Acid Stabilized BiFeO₃ Nanocrystals at Room Temperature", Dabbugalla Mahesh, Swapan K. Mandal, Bipul K. Mahato, Bivas Rana, and Anjan Barman, J. Nanosci. Nanotechnol. 13, 4090, 2013.

"Structural and Optical Properties of Single Crystalline Bismuth Nanoparticles in Polymer", Lutful Kabir and Swapan K. Mandal, Int. J. of Mod. Phys.: Conference Series 22, 654 (2013).

"Ordered Monomolecular Layer as a Template for Regular Arrangement of Gold Nanoparticles", Marina Makarova, Swapan K. Mandal, Yuji Okawa, and Masakazu Aono, Langmuir 29, 7334 (2013).

A. Bhattacharjee

Bhattacharjee, A., Mandal, H., Roy, M., Kusz, J. and W. Hofmeister, "Microstructural and Magnetic Characterization of the Fly Ashes from Thermal Power Plants in West Bengal, India", *Environmental Monitoring & Assessment* (Springer) 185 (2013) 8673-8683.

Bhattacharjee, A., Rooj, A., Roy, D., Roy, M., "Thermal decomposition study of ferrocene [(C₅H₅)₂Fe]".

J. Expt. Phys. (2014). doi:10.1166/jnn.2014.9231

Bhattacharjee, A., Mandal, H., Roy, M., Kusz, J., and Hofmeister, W., "Physical Characteristics of Fly Ashes From Three Thermal Power Plants In West Bengal, India: A Comparative Study", *Int. J. Chem. Tech. Res.* 5 (2013) 836-843.

Asmita Sengupta

" Positron Lifetime Measurements In Natural Rubber With Different Fillers", A. Mandal, S. Mukherjee, S. Pan, A. Sengupta, *International Journal of Modern Physics*, Vol. 22 (2013) 112-117.

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'Thermal Analysis in High Energy Electron Irradiated Polystyrene Studied by Differential Scanning Calorimetry', ArunavaMandal , Sandip Pan , Subrata Mukherjee, Achintya K. Saha, C.Ranganathaiah, AsmitaSengupta , ; "International Journal of Engineering Research Technology" (ISSN no. 22780181, ESRSA Publication), Conference Proceedings, page nos: 30-31 2013

"Defect study of Alpha irradiated undoped INSB using Positron Annihilation Spectroscopy" Sandip Pan, ArunavaMandal, Subrata Mukherjee, Achintya K. Saha, Anibarn Roychoudhury, Dipankar Das, Asmita Sengupta , *IJRSET*, Vol3, Special issue2, Feb.2014, p135-139, ISSN-23476710

"Variations in Specific Heat and Microstructure in Natural Rubber Filled with Different Fillers as Studied by Differential Scanning Calorimetry", Arunava Mandal, Sandip Pan, Subrata Mukherjee, Achintya K. Saha, Sabu Thomas, Asmita Sengupta

Journal of Polymer and Biopolymer Physics Chemistry. 2014, 2(1), 25-28 DOI: 10.12691/jpbpc-2-1-4

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"An Interacting Model of Dark Energy in Brans-Dicke Theory" Sudipta Das, Abdulla Al Mamon ,*Astrophys Space Sci* 351, 651 (2014).

Conference Proceedings:**T. Chattopadhyay**

T. Chattopadhyay and P. Bhattacharyya, S. D. Majumder and B.J. Mondal, "Design and Analysis of a Microwave Band Reject Filter using a Double Magic Tee," *Proceedings of (IEEE) SPCOM-2014, International Conference on Signal Processing and Communications-2014 (SPCOM-2014)*, Indian Institute of Science (IISc.) Bangalore, July 22-25, 2014, IEEE Xplore.

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T. Chattopadhyay and P. Bhattacharyya, "Frequency Response of a Microwave Notch Filter in Presence of Two Interfering Tones," Proceedings of IEEE Techsym-2014, IEEE Students' Technology Symposium 2014 (IEEE Techsym 2014), Indian Institute of Technology Kharagpur (IITKGP), February 28 - March 2, 2014, IEEE Xplore.

T. Chattopadhyay and P. Bhattacharyya, "Microwave FM/ AM signal separator: Design and Analysis," Proceedings of IEEE CONECCT-2014, International Conference on Electronics, Computing and Communication Technologies (CONECCT - 2013), Indian Institute of Science (IISc) Bangalore, January 6-7, 2014, IEEE Xplore.

T. Chattopadhyay and P. Bhattacharyya, B. J. Mondal and S. D. Majumder, "Design and Analysis of Microwave Notch Filter using a Pair of Magic Tees," Proceedings of (IEEE) ICMAP-2013, International Conference on Microwave & Photonics-2013, Indian School of Mines (ISM), Dhanbad, Jharkhand, India, December 13-15, 2013.

T. Chattopadhyay and P. Bhattacharyya, "Optical Generation of 94 GHz Millimeter Wave Signal," Proceedings of IEEE International Conference on Circuits and Systems (ICCAS 2013), pp. 56-59, Kuala Lumpur, Malaysia, September 18-19, 2013, IEEE Xplore.

T.K. Kundu

"Visible luminescence from triethanolamine-modified zinc oxide nanoparticles", N. Karak, P. Barik and T.K.Kundu, American Institute of Physics Conf. Proc. 1536, 181 (2013); doi: 10.1063/1.4810160

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Department of Chemistry

The Department of Chemistry has started its undergraduate programme in 1962 and postgraduate programme in 1969. In spite of infrastructural and funding deficiencies the department's overall performance has been very satisfactory. The students are performing excellently in GATE, NET and several other competitive examinations of repute. The Department is actively engaged in research in the fields of Natural Products, Synthetic Organic Chemistry, Green Chemistry, Supramolecular Chemistry, Coordination Chemistry, Solution Chemistry, Biochemical Thermodynamics, Non-conventional energy sources, Analytical Chemistry and Theoretical Chemistry. The Department has introduced new courses in the field of applied chemistry and advanced courses in existing fields. It has published about (118) papers in this academic session.

Name of the Students qualified in UGC/CSIR/NET/GATE Examinations:

NET: Md. Asif Amin, Kollol Mukherjee, Sudip Das, Shrabani Mondal
 GATE: Md. Asif Amin, Kollol Mukherjee, Shrabani Mondal, Aditi Panja
 Chandan Gharui, Suman Kr. Mondal, Tanushree Sutradhar, Joydeep Das,
 Boyli Ghosh, Moumita Dutta

Departmental Seminars/Conferences/Workshops:

26th July 2013: Prof. Swadesh Mukhul Santra, University of Central Florida, USA delivered a seminar lecture on 'Engineering and study of nanomaterials for bioimaging, biosensing and crop protection'
 7th August 2013: Prof. Dulal Chandra Ghosh, University Of Kalyani (Retired) delivered a seminar lecture on 'New Electronegativity Scale'
 3rd October, 2013: Dr. Suman Chakraborty NCL, Pune delivered a seminar lecture on 'Molecular Dynamics simulation of Protein-Protein interaction.'
 3rd October, 2013: Dr. Deboshree Ghosh, NCL, Pune delivered a seminar lecture on 'Random Matrix theory - A relatively new method for calculation of electronic structure of molecules.'
 8th February 2014: Prof. R N Zare, Stanford University, USA delivered a seminar lecture on 'The Chemistry of Drink: Human Alcoholysis.'
 9th March 2014: National seminar organized by department of chemistry, visva-bharati on 'recent advances in chemistry.'

National and International standard Conference/Seminar/Workshop/Exhibition etc.

28th June, 2013: Refresher Course in Materials Science organized by ASC-Burdwan University from June 28, 2013 - July 18, 2013; Dr. Naznin Ara Begum had participated.
 12th July, 2013: CRSI Mid year Symposium 2013 organized by Institute of Technology Surathkal, Mangalore, Karnataka, India from July 12-13, 2013; Dr. Kartick Chandra Bhowmick made a presentation on 'A truly catalytic and highly enantioselective direct aldol reaction in aqueous media: Application of a new catalyst derived from 4-hydroxy-L-Proline and Abietic acid.'
 26th September, 2013: National conference on Trends in Theoretical Chemistry organized by BARC, Mumbai from September 26-28, 2013; Prof. Pranab Sarkar had participated.
 26th September, 2013: National conference on Physical Chemistry Research: Teaching and Industrial Perspectives (PCRTIP-2013) organized by Department of Chemistry, Jadavpur University, September 28, 2013; Dr. Manas Ghosh had participated.
 3rd October, 2013: In the National conference on Recent Development in Chemistry organized by Department of Chemistry NIT Durgapur, West Bengal from October 3-5, 2013, Dr. Adinath Majee made a presentation on 'Neat Reaction : A Green Protocol.', Dr. Biswajit Dey presented a poster and Dr. Shovan Mondal made a presentation on 'Enantioselective Cascade Rearrangement of Eneidyne with Memory of Chirality.'
 4th October, 2013: National conference on Fundamental Applied Chemistry (NACFAC-2013) organized by the

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Department of Chemistry, Dhirajalal Gandhi College of Technology, Salem-636 309 on 4th October, 2013; Prof. Pranesh.Chowdhury made a presentation on 'Aniline/cupric ion complex on silica surface: synthesis, characterization and analytical application.'

7th October, 2013: National conference on Current Trends in Biochemical and Biophysical Modelling (BBM 2013) organized by The S. N. Bose National Centre for Basic Sciences, Kolkata from October 7-8, 2013; Dr. Bidhan Chandra Bag gave an invited talk on 'New mechanism to account violation of Kramers' theory on protein folding kinetics.'

11th October, 2013: International conference on Advanced Polymeric Materials (ICAPM-2013) jointly organized by International and Interuniversity Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, Beijing University of Chemical Technology, Beijing, China, Wroclaw University of Technology, Wroclaw, Poland and International Unit on Macromolecular Science and Engineering (IUMSE), Mahatma Gandhi University, Kottayam, Kerala, India at International and Interuniversity Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam from October 11-13, 2013.; Dr. Naznin Ara Begum gave an invited talk and also chaired a session.

20th November, 2013: In the International conference on Colloid and Interface Science organized by the Department of Chemistry, North Bengal University, India from November 20-23, 2013; Dr. Sudip Kumar Mondal presented a poster, Dr. Biswajit Dey presented a poster and Dr. Shovan Mondal made a presentation on 'Photoactivated Bergman Cyclization of New thiol-Containing Eneidyne Coated Gold Nanoparticles and Studies on their DNA Cleavage Activities.'

4th December, 2013: National conference on Frontiers in Chemistry Research organized by Burdwan MUC Women's College, Burdwan from December 04-05, 2013; Prof. Pranab Sarkar had participated.

6th December, 2013: In the 5th youth Congress jointly organized by SRM University and Visva Bharati at Visva Bharati, Santiniketan, W.B. from December 6-9, 2013, Prof. Pranesh.Chowdhury made a presentation on 'Sonochemical synthesis of poly(vinyl alcohol) capped silver nanoparticles and evaluation of its anti-filarial activity.' He also made a presentation on 'Tyrosine controlled green synthesis of bioactive nano particles in presence of water soluble biocompatible polymers' and on 'Synthesis and characterization of polymer inspired grapheme.' A presentation on 'Adsorption behavior and recycling of Cr(III) by the synthesized aniline/silica composite' was also made by him. Dr. Sudip Kumar Mondal had participated as member of judges for oral and Poster presentation and Dr. Naznin Ara Begum had participated and acted as rapporteur for Chemistry/Physics & Mathematics sections.

12th December, 2013: National Conference on Photosciences: Contemporary Challenges and Future Perspectives, organized by Indian Photobiology Society and Department of Chemistry, Jadavpur University, December 12-14, 2013; Dr. Manas Ghosh made a poster presentation.

4th January, 2014: National conference on Non-equilibrium Statistical Physics and Non-linear Dynamics organized by IACS, Jadavpur from January 02-04, 2014; Prof. Pranab Sarkar had participated.

6th January, 2014: National conference on Introduction to Gaussian: Theory and Practice organized by New Delhi, India from January 6-10, 2014; Dr. Gourab Kanti Das made a presentation on 'Reaction modeling on metal catalyzed isomerization reaction.'

13th January, 2014: DST ISPIRE internship winter camp organized by ISERC, Visva-Bharati, Santiniketan from January 13-17, 2014; Dr. Adinath Majee gave an invited talk on 'Green chemistry: a step towards sustainable development and better future.'

23rd January, 2014: National conference on recent trends in Chemical Sciences organized by the School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh-492010 from January 23-25, 2014; Prof. Pranesh.Chowdhury made a presentation on 'Sonochemical Synthesis of water-soluble fluorescent silver nanocluster and Hg²⁺ sensing.'

29th January, 2014: International conference on Harnessing Natural Resources for Sustainable Development: Global Trends organized by Cotton College, Guwahati, Assam from January 29-31, 2014; Dr. Adinath Majee made a presentation on 'Green approach for some well known organic reactions.'

5th February, 2014: International conference on Functional Materials organized by the Materials Science Centre, IIT, Kharagpur from February 5-7, 2014; Prof. Pranesh Chowdhury made a presentation on 'Studies on fluorescence properties of polymer inspired grapheme oxide nanoparticles', 'Quantitative immobilization of thioacetamide onto silica gel for easy detection and separation of mercuric ion' and 'Polymer inspired silver nanoparticles: A potential antifilarial agent.'

6th February, 2014: International conference on Global Opportunities for Latest Developments in Chemistry and Technology-2014 organized by School of Chemical Sciences, North Maharashtra University, Jalgaon, M.P., India from February 6-8, 2014; Prof. Goutam Brahmachari gave an invited lecture on 'Designing energy efficiency in chemical transformations: An emerging and pragmatic domain for the synthetic organic chemist', on '3-Oxo-olean-12(13),18(19)-dien-29a-carboxylic acid: A potent antibacterial triterpenoid from *Limnophila indica* (Scrophulariaceae)', and on 'Development of an efficient MCR-protocol for the facial one-pot synthesis of biologically relevant 4H-pyran-annulated Heterocyclic scaffolds at room temperature.'

7th February, 2014: National conference on Molecular Architecture, Dynamics and Assembly in Living systems organized by Indian Biophysical Society and Saha Institute of Nuclear Physics held at Saha Institute of Nuclear Physics from February 7-10, 2014; Dr. Gourab Kanti Das presented a poster.

22nd February, 2014: National conference on the Development of Modern Technology: A catalyst for the advancement of science (DMTCAS-2014) organized by Birbhum Institute of Engineering and Technology from February 22-23, 2014; Dr. Bijoy Krishna Dolui made a presentation on "Title- Study of solvation process of a series of homologous β -amino acids in non-aqueous binary mixtures of protic EG and protophobic dipolar aprotic DMSO."

24th February, 2014: In the International conference on Environmental Biology and Ecological Modelling (ICEBEM 2014) organized by the Department of Zoology, Visva-Bharati University, Santiniketan, India from February 24-26, 2014; Dr. Bijoy Krishna Dolui had presented a poster, Dr. Kartick Chandra Bhowmick made a presentation on 'An environmentally benign direct asymmetric aldol reaction', Dr. Bhabatosh Mandal made a presentation on 'Chromatographic method of pre-concentration, Separation, Removal and recovery of Zn(II) from aqueous Solution with Viable and Inactivated Microalgae in fixed bed reactors and density functional optimization of extracted species', Dr. Biswajit Dey had presented a poster and Dr. Shovan Mondal made a presentation on 'DNA Cleavage Activities of New thiol-Containing Eneidyne Coated Gold Nanoparticles'.

In the International conference on Lights in Chemistry Materials and Biology organized by IIT Kharagpur, WB, India from February 24-25, 2014; Dr. Sudip Kumar Mondal made an oral presentation.

9th March, 2014: In the National conference on Recent Advances in Chemistry organized by the Department of Chemistry, Visva-Bharati on March 9, 2014, Prof. Pranesh Chowdhury made a presentation on 'Synthesis of poly(N-isopropyl acrylamide)/Mesoporous silica nanocomposite', on 'Synthesis of PMETAC/SDNP composite: Study of its anion selectivity', Prof. Pranab Sarkar, Naznin Ara Begum, Dr. Swapan Kumar Chandra, Dr. Md. Motin Seikh, Ms. Bula Singh and Prof. Asim K Das participated, Dr. Shovan Mondal made a presentation on 'Synthesis of Fused sultones by Ring-Closing Metathesis', Dr. Prithidipa Sahoo and Dr. Bijoy Krishna Dolui had made poster-presentation and Prof. Goutam Brahmachari made a presentation on 'Facile access to symmetrical Bis(Benzhydryl) ether using p-toluene sulfonyl chloride under solvent-free condition', on 'Facile access to biologically relevant 4H-pyran-annulated Heterocyclic scaffolds via one-pot Multi-component reaction at room temperature', on 'L-proline catalyzed multi-component one-pot synthesis of gem-diheteroarylmethane derivatives via solvent-free grinding operation under room temperature condition', on 'Magnetically reusable MnFe₂O₄ nano-material: Synthesis and application in the synthesis of benzimidazoles and quinoxalines at room temperature under aerobic conditions', and on 'An anthraquinone derivative from *Cassia sophera* Linn. (Caesalpinaceae)'.

12th March, 2014: Orientation programme on Rabindranath and Santiniketan organized by Visva-Bharati on 23rd February and 12th March, 2014; Dr. Shovan Mondal had participated.

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Ongoing Research Projects in the Department:

Name of the teacher: Prof. P. Chowdhury

Name of the Project: i) Development of high performance ion exchange resin based on quaternized polymers for selective extraction and recovery of chromium from industrial wastewater ii) Development of new biocompatible hybrid materials based on grafting organic polymers onto inorganic nano particles; iii) Design, synthesis and characterization of new biocompatible hybrid materials based on grafting organic polymers onto inorganic nano particles

Sponsoring Agencies: CSIR and DST, New Delhi.

Amount Sanctioned: 15L, 16 L & 30 Lakhs INR

Duration of the project: 4, 4 and 3 yrs

Name of the teacher: Prof. P. Sarkar

Name of the Project: Electronic Structure of Carbon based Nanohybrid Materials Sponsoring Agencies: CSIR, New Delhi.

Amount Sanctioned: 10 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Prof. G. Brahmachari

Name of the Project: A Sincere Drive to Develop Eco-Friendly Methodologies for Some Useful Organic Transformations in the Absence of Organic Solvents.

Agencies: CSIR, New Delhi.

Amount Sanctioned: 13 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. G. K. Das

Name of the Project: Theoretical investigation on the mechanism of various transformations of biomolecules by co-factor dependent enzymes.

Agencies: UGC, New Delhi.

Amount Sanctioned: 7 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. S. K. Chandra

Name of the Project: Synthesis, structure, characterization and magnetic properties of transition metal complexes with multidentate ligands.

Agencies: DST, New Delhi.

Amount Sanctioned: 24 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. S. K. Chandra

Name of the Project: Synthesis, structure, characterization and magnetic properties of transition metal complexes with multidentate ligands.

Agencies: DST, New Delhi.

Amount Sanctioned: 24 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. N. A. Begum

Name of the Project: i) Studies on biogenic synthesis of metal nanoparticles with tailor-made structural properties; ii) To study the mechanism of antioxidant as well as DNA damage prevention activities of different naturally occurring flavonoids and their synthetic derivatives.

Sponsoring Agencies: CSIR and DST, New Delhi.

Amount Sanctioned: 21 & 24 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. A. Hajra

Name of the Project: Exploration of Functionalized Nanomaterials in Coupling Reaction: Synthesis of Organic Molecules having Potential Applications in Medicinal and Material Chemistry.

Agencies: CSIR, New Delhi.

Amount Sanctioned: 23 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. B. Dey

Name of the Project: Expolartion of intriguing supramolecular features of various metallosupramolecular networks of transition metal ions with N,S,O-donor organic ligands in water media.

Agencies: DST, New Delhi.

Amount Sanctioned: 25 Lakhs INR

Duration of the project: 3 yrs

Name of the teacher: Dr. S. K. Mondal

Name of the Project: Better Understanding of Electrostatics and Dynamics in Protein and their Role in Protein Function Using New Synthetic Fluorescent Amino Acids as Probe.

Agencies: UGC, New Delhi.

Amount Sanctioned: 6 Lakhs INR

Duration of the project: 2 yrs

Name of the teacher: Dr. P. Sahoo

Name of the Project: Water Soluble Photoresponsive Fluoroionophore with Small Cavitand: Design, Synthesis and Living-Cell Imaging for Heavy Metal Ions.

Agencies: UGC, New Delhi.

Amount Sanctioned: 6 Lakhs INR

Duration of the project: 2 yrs

Name of the teacher: Dr. S. Mondal

Name of the Project: Synthesis of bio-active heterocycles.

Agencies: DST, New Delhi.

Amount Sanctioned: 35 Lakhs INR

Duration of the project: 3 yrs

Extension activities/NSS/Cultural and other activities organized by the department and participated by the teachers and students of the department.

To cover the rural hinterland of our university extension activities of the Chemistry Department undertaken are:

(i) Organization of seminar for generating awareness about safe and responsible use of chemical in day to day life, small scale handicraft business and agriculture.

(ii) Initiate a programme to prepare a data base for locally available traditionally used plants and their phytochemical profiles. These data are helpful in (a) searching of low cost source of natural antioxidants which will fight against their malnutrition and (b) identifying naturally occurring nontoxic plants based pigments, which can be replaced synthetic dyes and (c) educating the people about locally avail vale biopesticides.

(iii) NSS, School level seminar

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Publications within the year April 2013- March 2014

(i) Text books:

Prof. A. K. Das: Fundamental Concepts of Inorganic Chemistry, Vol 1-7, CBS Publishers & Distributors Pvt. Ltd. ISBN NO: 978-81-239-2351-2; 978-81-239-2352-9; 978-81-239-2353-6; 978-81-239-2354-3

(ii) Other books

Goutam Brahmachari (2013), Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds: An Overview, In: Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds, Goutam Brahmachari (Editor), CRC Press (Taylor & Francis Group), USA, pp. 1-8.

Goutam Brahmachari (2013), Gambogic Acid: A Caged Prenylated Garcinia Xanthone Potent Anticancer Agent of Pharmaceutical Promise, In: Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds, Goutam Brahmachari (Editor), CRC Press (Taylor & Francis Group), USA, pp. 393-415.

Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds, edited by Goutam Brahmachari (with a foreword by Prof. Dr. Raphael Mechoulam, and Prof. Dr. Takuo Okuda), CRC Press/Taylor Francis Group, LLC, USA, 2013.

Natural Bioactive Molecules: Impacts & Prospects, edited by Goutam Brahmachari (with a foreword by Prof. Dr. Arnold Demain), Alpha Science International Ltd., Oxford, U.K., 2013 (ISBN: 978-1-84265-780-5); co-published by Narosa Publishing House Private Ltd., New Delhi, India, 2013 (ISBN: 978-81-8487-235-4).

Vitamin B6 derived cofactor Pyridoxal-5'-phosphate: Promising Role in Drug Development Programme, K. Chakrabarty and G. K. Das, in Natural Bioactive Molecules: Impacts and Prospects (ed. By G. Brahmachari) Narosa Publishing House, pp 7.3-7.23, 2014.

(iii) Monographs NIL

(iv) Research papers in peer reviewed journals (National and International).

Ligand mediated tuning of the electronic energy levels of ZnO nanoparticles. Saha, S.; Sarkar, S.; Pal, S.; Sarkar, P. RSC Advances 2013, 3, 532.

Electronic structure of ZnO/ZnS core/shell quantum dots. Saha, S.; Sarkar, P. Chem. Phys. Lett. 2013, 555, 191.

'The GA-DFTB method: A new avenue for finding the lowest energy structure of quantum dots', in 'Collections on Recent Advances in Chemical Sciences' Sarkar, P. in the memory of Acharya Prafulla Chandra Ray published by Dept. of Chemistry, The University of Burdwan, 2013.5.

Nearly linear scalability of the time-dependent discrete variable representation (TDDVR) method for the dynamics of multi-surface multi-mode Hamiltonian. Ahemed, B.; Sardar, S.; Sahoo, T.; Sarkar P.; Adhikari, S. J. Theo. Comput. Chem. 2013, 12, 1350042.

Energetics and electronic structure of encapsulated graphene nanoribbons in carbon nanotube. Mandal, B.; Sarkar, S.; Sarkar, P. J. Phys. Chem. A 2013, 117, 8568.

Tuning the band energy alignment of semiconductor nanohybrids for photovoltaic applications. Saha, S.; Sarkar, S.; Sarkar, P. ISRAP Bulletin 2013, 25, 44.

Tuning the energy levels of ZnO/ZnS core/shell nanowire to design an efficient nanowire based dye-sensitized solar cell. Saha, S.; Sarkar, S.; Pal, S.; Sarkar, P. J. Phys. Chem. C, 2013, 117, 15890.

Chair like NiAu_6 : clusters assemblies and CO oxidation study by ab initio methods. Nigam, S.; Sahoo, S. K.; Majumder, C.; Sarkar, P. Chem. Phys. Lett. 2013, 584, 108.

Theoretical prediction of a new two-dimensional carbon allotrope and NDR behaviour of its one-dimensional derivatives. Mandal, B.; Sarkar, S.; Pramanik A.; Sarkar, P. Phys. Chem. Chem. Phys. 2013, 15, 21001.

Pure carbon-based Schottky diode, an implication of stretched carbon nanowire. Mandal, B.; Pramanik, A.; Sarkar, S.; Sarkar, P. J. Appl. Phys. 2013, 114, 173701.

Mechanism of the Gold(III) catalyzed isomerization of substituted allenes to conjugated dienes: A DFT study. Basak,

- A.; Chakrabarty, K.; Ghosh, A.; Das, G. K. *J. Org. Chem.*, 2013, 78, 9718.
- New bimolecular mechanistic pathway for 1,3-hydrogen shift in allenamide and allene system: A theoretical prediction. Basak, A.; Gupta, S. N.; Chakrabarty, K.; Das, G. K. *Comput. Theor. Chem.* 2013, 15, 1007.
- A new colorimetric and fluorescent bis(coumarin)methylene probe for fluoride ion detection based on the proton transfer signaling mode. Mahapatra, A. K.; Maiti, K.; Sahoo, P.; Nandi, P. K. *Journal of Luminescence* 2013, 143, 349.
- Carbazole phenylthiosemicarbazone-based ensemble of Hg²⁺ as selective fluorescence turn-on sensor toward cysteine in water. Mahapatra, A. K.; Roy, J.; Sahoo, P.; Mukhopadhyay, S. K.; Banik, A.; Mandal, D. *Tetrahedron Lett.* 2013, 542, 946.
- Influence of pulse shape in modulating excitation kinetics of impurity doped quantum dots. Pal, S.; Ghosh, M. *Superlattices and Microstructures* 2013, 55, 118.
- 'Influence of oscillatory impurity potential and concurrent gasping of impurity spread on excitation profile of doped quantum dots', Pal, S.; Ghosh, M. *Journal of Materials* 2013 Article ID 795450, 7 pages, (Invited Article).
- Influence of external field and consequent impurity breathing on excitation profile of doped quantum dots. Pal, S.; Ghosh, M. *Journal of Luminescence* 2013, 138, 48.
- Excitation kinetics of impurity doped quantum dot triggered by Gaussian white noise. Pal, S.; Sinha, S. S.; Ganguly, J.; Ghosh, M. *ISRN Condensed Matter Physics* 2013, Article ID 798153, 6 pages, (Invited Article).
- Excitation kinetics of quantum dot induced by damped propagation of dopant: Role of confinement potential and magnetic field. Pal, S.; Ghosh, M. *Chem. Phys.* 2013, 423, 15.
- Influence of damped propagation of dopant on the excitation kinetics of doped quantum dots. Pal, S.; Datta, N. K.; Ghosh, M. *J. Phys. Chem. C.* 2013, 117, 14435.
- Modulation of excitation kinetics of impurity doped quantum dots by the interplay between confinement sources and multiplicative Gaussian white noise", Ganguly, J.; Pal, S.; Ghosh, M. *Superlattices and Microstructures* 2013, 63, 110.
- Additive Gaussian white noise modulated excitation kinetics of impurity doped quantum dots: Role of confinement sources", Ganguly, J.; Pal, S.; Ghosh, M. *Superlattices and Microstructures* 2013, 63, 215.
- Excitation kinetics of impurity doped quantum dot driven by Gaussian white noise: Interplay with external field", Pal, S.; Sinha, S. S.; Ganguly, J.; Ghosh, M. *Chem. Phys.* 2013, 426, 54.
- Coupled influence of damped propagation of dopant and oscillatory confinement sources on excitation kinetics of doped quantum dot. Pal, S.; Ghosh, M. *Euro. Phys. J. B* 2013, 86, 498.
- Ferrimagnetism up to 200 K in Ti-rich double perovskites ACu₃Ti_{4-x}Mn_xO₁₂: Role of double exchange mechanism. Seikh, M. M.; Caignaert, V.; Pralong, V.; Raveau, B. *Appl. Phys. Lett.* 2013, 103, 082401.
- The ordered double perovskite PrBaCo₂O₆: Synthesis, structure and magnetism. Seikh, M. M.; Pralong, V.; Lebedev, O. I.; Caignaert, V.; Raveau, B. *J. Appl. Phys.* 2013, 114, 013902.
- Influence of bismuth on the magnetic & electrical properties of La₂MnNiO₆. Nautiyal, P.; Seikh, M. M.; Pralong, V.; Kundu, A. K. *J. Magn. Mater.* 2013, 347, 111.
- Heat capacity, thermopower and magnetoresistance effects in multiferroic La_{0.5}Bi_{0.5}Mn_{0.5}Fe_{0.5}O₃. Jha, V. K.; Nautiyal, Seikh, M. M.; Chatterjee, R.; Mahendiran, R.; Kundu, A. K. *J. Mater. Sci.* 2013, 48, 7629.
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Designing New Course/Curriculum or any other teaching innovations introduced by the department.

UG & PG- Primarily we preferred usual chalk-board method. But there are many topics we introduced through slide show.

Ph. D. Course Works- Primarily through slide show presentation.

A brief history on the development of the Bhavana/Sadana/ Vibhaga concerned with an indication of the future plans for development

On the basis of our previous research work, we have identified the following thrust area for our future research: "Design, Synthesis, Characterization and Understanding the Structure and Behavior of Functional Materials for their Potential Technological Application" The aim of this thrust area is to build an understanding of the chemistry of functional materials both experimentally, conceptually and theoretically and to utilize this understanding to control the assembly, structure and function of these materials which have long term potentials in energy, biomedical and other technologies.

The specific objectives under this thrust are the followings:

- Exploring and understanding the size, shape and composition dependent electronic structure of functional nanomaterials.
- Theoretical understanding of the interfacial electron transfer processes in Quantum Dot sensitized Solar cells by ab initio time-domain atomistic simulation method.

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- c. Theoretical studies on excitation profiles and transport properties of doped quantum dot systems for understanding of dynamical aspects of quantum dot nanodevices.
- d. Computational studies on the effect of solvents and catalysts on the stereo- and regio- specificity of 1,3-H shift reactions relevant to the synthesis of bio-active organic compounds.
- e. Eco-friendly and economic synthesis, and characterization of energy relevant nanomaterials e.g. semiconductor and magnetic nanomaterials with an emphasis on their controllable structures and tailored reactivity.
- f. Development of biogenic/green routes for the synthesis of bio-compatible polymeric
- g. Nanocomposites and metal nanoparticles for their bio-medical applications.
- h. Exploration and exploitation of novel and green nano-catalyst for the synthesis of biologically relevant molecules.
- i. Development of facile synthetic routes for versatile organometallic supramolecular architectures and inorganic co-crystals followed by their characterization.
- j. Synthesis and studies on the properties of transition metal oxides with triangular arrangement of oxygen framework (triangular and Kagome Lattices) exhibiting magnetic frustration.
- k. Development of bio-friendly solid phase extractors for metal ion separation.
- l. Eco-friendly synthesis of biocompatible, thermo-sensitive and conducting polymer and polymer/silica nanoparticle composite.
- m. Studies on the kinetics of metal nanoparticle catalyzed reductions of biologically relevant transition metal complexes to explore mechanistic pathways of some important biological redox processes.

Any other relevant information

Beyond our syllabus scholarly activities we performed the followings:

- (i) Student's seminar and group discussion on some advanced topics of chemistry have been introduced. Students are encouraged to make power point presentation to discuss their topics.
- (ii) Resourceful person and ex-students (distinguished alumni of the department) are invited to interact with the present student and faculties for well directed motivations.
- (iii) Display of wall magazine at regular interval is a well known practice of our department.

Department of Mathematics

Name of the students qualified in UGC / CSIR- NET, SET, GATE

Name UGC/ CSIR -NET/ SET/GATE

Abhisek Sarkar LECTURESHIP : (CSIR-NET), GATE

Ainul Haque LECTURESHIP : (CSIR-NET), GATE

Lokenath Kundu LECTURESHIP : (CSIR-NET)

Manami Chatterjee LECTURESHIP : (CSIR-NET), GATE

Swaraj Paul JRF : (CSIR-NET), GATE

Tushar Kanti Das : JRF (CSIR-NET), GATE

Upasana Samanta : CSIR-NET LECTURESHIP

Kanika Mandal : GATE

Departmental Seminar (Speakers, Title of the Seminar, Date):

A. National Seminar

Title of the National Seminar: "Recent Perspectives on Nonlinear Mathematics and its Applications" on 25-26 March 2014 under DRS SAP (Phase II).

The objective of this seminar was to bring together theoreticians, who are engaged in developing various mathematical tools and techniques as well as researchers from different fields of Mathematical, Biological and Physical Sciences, to discuss comprehensive and up-to-date information on the tools and methodologies that are available for nonlinear systems. We firmly believe that they will exchange their ideas and views on the recent developments in nonlinear mathematical sciences and applications through interactions, deliberations and offer new perspectives on nonlinear sciences. The invited speakers included - Dr. A. Bandyopadhyay, Jadavpur University, Kolkata, Prof. B. Samaddar, BESU, Howrah, Prof. Chanchal Kumar Basu, WB State University, Barasat, Dr. D. Dey, Kalyani University, Kalyani, Prof. D. K. Ganguly, University of Calcutta, Prof. D. P. Dutta, North Bengal University, Darjeeling, Prof. G. P. Samanta, BESU, Howrah, Prof. G. Rangarajan, IISc, Bangalore, Prof. I. Lahiri, University of Kalyani, Prof. K. Kumar, IIT Kharagpur, Dr. M. Saha, University of Burdwan, Prof. P. Guha, SBNBCBS, Kolkata, Dr. P. Pal, NIT, Durgapur, WB, Prof. R. Sahadevan, RIASM, University of Madras, Prof. S. Bhattacharya, IIT Kharagpur, Prof. S. Chakraborty, Jadavpur University, Dr. S. Ghosh, University of Calcutta.

B. Visiting Professors to the Department

Prof. M. Vanninathan of TIFR Centre for Applicable Mathematics, visited the Department of Mathematics during 28 February to 15 March, 2014 and delivered a talk on Formation of Differential Equations.

1-2 March 2014: National Workshop on "*Mathematics Teaching under Semester System at Undergraduate Level: Perspectives & Strategies*" held at the Centre for Mathematics Education, Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan. The following Teachers participated - Prof. Syamal Kumar Samanta, Prof. Dulal Pal, Prof. Santabrata Chakravarty, Prof. Swapan Raha, Dr. P. Chatterjee, Dr. Prashanta Kumar Mandal, Dr. Madan Mohan Panja, Dr. Tarapada Bag, Dr. Dibyendu Banerjee, Dr. Tapas Ray Mahapatra, Dr. Anjan Kumar Bhuniya, Dr. Subhasis Ray, Dr. Amar Prasad Misra, Mr. Kalyan Hansda, Mr. Lakshmi Narayan Guin, Mr. Nikhil Pal, Mr. Mizanur Rahaman and

International Conference on Non-linear Science and Engineering

Dr. Srabani Debnath.

23-24 December 2013: Presentation on 'Modelling of quantum plasmas: Some applications' by Dr. Amar Prasad Misra in the International Conference on Nonlinear Science and Engineering at College of Engineering and Management, Kolkaghat, WB.

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28-30 January 2014: Presented a paper on 'Generation of rogue waves in plasmas' by Dr. Amar Prasad Misra in the 3rd International Conference on Mathematics & Applications at the Department of Mathematics, University of Burdwan.

6-7 March 2014: Paper presented on Solitary waves in a magnetized dusty electron-free pair-ion plasmas' by Dr. Amar Prasad Misra in the national Conference in Emerging trends in Physics of Fluids & Solids at the Department of Mathematics, Jadavpur University, Kolkata.

10-12 March 2014: Made a presentation on 'Evolution of spatiotemporal chaos in plasmas' by Dr. Amar Prasad Misra in the 3rd International Symposium on Complex Dynamical Systems & Applications at Indian Statistical Institute, Kolkata.

Ongoing Research Project:

National: (i) DST sponsored project titled "Nonlinear structures in quantum plasmas" (since 2012 to till date). Grants received: Rs. 13,70,000.00

(ii) UGC sponsored minor project titled "The study of the stability and spatial patterns through diffusion-driven instability in a predator-prey model" Duration Two years w.e.f. 01.07.2012. Grants received: Rs. 66, 000.00.

(b) international funding agencies: None

Extension activities / NSS / Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

The Department organized its annual study tour for the year 2013-2014 to Thiruvananthapuram and Chennai, and adjacent areas during 29 December, 2012 to 05 January, 2013. Ninetyfive students participated, escorted by teachers.

Academic distinctions gained by Teachers/Scholars or the Department as a whole

(Like recognition as DSA. or CAS etc):

The Department is pursuing the Special Assistance Programme entitled "Nonlinear systems with thrust on Fluid Mechanics supported by Quantum Mechanics and Fuzzy Mathematics". Also, the department has been receiving a financial assistance from DST, Govt. of India under its FIST Programme since 2004. (SAP - DRS Phase II) under University Grants Commission during 2013-2014 entitled

B) Academic distinction gained by Teacher

S. K. Samanta

Editorial board member of the following journals:

The Journal of Nonlinear Science and Applications

J P Journal of Fixed Point Theory and applications

Reviewer of the following international journals:

Fuzzy Sets and Systems (Elsevier)

Computers & Mathematics with Applications (Elsevier)

Information Sciences (Elsevier)

International Journal of Computer Mathematics

Dulal Pal

Reviewer of the following Journals :

Special topics and Reviews in porous media (Begell House)

Chemical Engineering Communications (Taylor & Francis)

Communications in Nonlinear Science and Numerical Simulations (Elsevier)

Energy-The International Journal (Elsevier)

International Journal of Heat and Mass Transfer (Elsevier)

Meccanica (Springer)

International Journal of Thermal Science (Elsevier)

Journal of Porous Media (Begell House)

S. Chakravarty

Member of the American Mathematical Society (AMS) and Calcutta Mathematical Society (CMS).

Reviewer of the following journals:

International Journal of Biomathematics (World Scientific Publishing Company)
Chemical Engineering Communications (Taylor & Francis Group)
Journal of Mechanics in Medicine and Biology (World Scientific Publishing Company)
Applications in Applied Mathematics (A & M University, Texas, USA)

Swapan Raha

Reviewer of the following journal:

IEEE Transactions on Fuzzy Systems

Prasanta Chatterjee

Member of the Life member of Asian African Association for Plasma Training

Reviewer of the following journals:

Indian J Physics
Pramana-Journal of Physics
Europhysics Letters
Earth Moon and Planets
Astrophysics & Space science
Advances in Space Research

Prashanta Kumar Mandal

Member of the Editorial board member of ISRN Journal of Biomedical Engineering (Hindawi publication),
Life Member of the Indian Society for Theoretical and Applied Mechanics (ISTAM) and Member of the American
Mathematical Society.

Reviewer of the following journals:

Meccanica (Press: Springer)
Chemical Engineering Communications (Press: Taylor & Francis)
Computer Methods in Biomechanics and Biomedical Engineering (Press: Taylor & Francis)
International Journal for Numerical Methods in Fluids (Press: John Wiley & Sons Ltd.)
International Journal for Numerical Methods in Biomedical Engineering (Press: John Wiley & Sons Ltd.)
International Journal of Thermal Sciences (Press: Elsevier)
Communications in Nonlinear Science and Numerical Simulations (Press: Elsevier)
Applied Mathematics and Computation (Press: Elsevier)
Mathematical Reviews (Press: American Mathematical Society)

Madan Mohan Panja

23-28 September 2013: Resource person in the Advanced Level Workshop on "Nonlinear Differential Equations:
Dynamics of Complex System, under NPDE-TCA" sponsored by DST, Govt. of India organized by Department of
Applied Mathematics, University of Calcutta.

Guided project work under INSPIRE fellowship of one undergraduate student of Jadavpur University, Kolkata.

Dibyendu Banerjee

Reviewer of the following journal:

The Journal of Nonlinear Sciences and Applications (TJNSA) University of Pittsburgh at Bradford, Bradford.

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Tarapada Bag

Reviewer of the following journals:

Iranian Journal of Fuzzy systems (University of Sistan and Baluchestan, Iran)
Fuzzy Information and Engineering (Springer-Verlag)
Mathematical Review (American Mathematical Society)

Anjan Kumar Bhuniya

Reviewer of the following journals:

Semigroup Forum
Soft Computing
Filomat
Southeast Asian Bulletin of Mathematics

Amar Prasad Misra

Life member of Plasma Science Society of India (PSSI) and Life member of IACS, Kolkata.

Reviewer of the following journals:

Physics of Plasmas (American Institute of Physics)
Physics Letters A (Elsevier Science)
Plasma Physics and Controlled Fusion (IOP Sc.)
Journal of Geophysical Research (Wiley Online Library)
Astrophysics and Space Science (Springer)
Journal of Plasma Physics (Oxford University Press)
Optics & Laser Technology (Elsevier Science)
Euro Physics Letters (EPS & IOP)
European Physical Journal B, D & E, France
Advances in Space Research (Elsevier Science)
IEEE Transactions on Plasma Science
Waves in Random and Complex Media (Taylor & Francis)
Optics Communications (Elsevier Sciences)
Physical Review & Research International (SCIENCEDOMAIN International)

Publications within the year April, 2013 - March, 2014

S.K. Samanta

'Finite dimensional fuzzy normed linear spaces', T. Bag and S. K. Samanta, The Annals of Fuzzy Mathematics and Informatics, 6 (2), 2013, 271-283, ISSN: 2093-9310.

'Softness of a soft set: Soft set entropy', P. Majumdar and S. K. Samanta, The Annals of Fuzzy Mathematics and Informatics, Volume 6, No.1, (2013), 59-68, ISSN:2093-9310.

'On soft inner product spaces', Sujoy Das and S. K. Samanta, The Annals of Fuzzy Mathematics and Informatics, Volume 6, No.1,(2013), 151-170, ISSN:2093-9310.

'Relation between fuzzy normed linear space and generating spaces of quasi-norm family', G. Rano, T. Bag and S. K. Samanta, The Journal of Fuzzy Mathematics, vol 21 (3), 2013, 677-688, ISSN: 1066-8950.

'Finite dimensional generating spaces of quasi-norm family', G. Rano, T. Bag and S. K. Samanta, Iranian Journal of Fuzzy Systems Vol.10 (5)2013, 113-125.

'Extensions of RT0 Topological Spaces of Fuzzy Sets', K C Chattopadhyay, H Hazra and S. K. Samanta, Int. J. Advance. Soft Comput. Appl 5 (2), 2013, 1-15.

'Soft linear operators in soft normed linear spaces', Sujoy Das and S. K. Samanta, The Annals of Fuzzy Mathematics and Informatics, Volume 6, No.2,(2013), 295-314, ISSN:2093-9310.

- 'On a fixed Point Theorem For a Cyclical Kannan-Type Mapping', Mitropam Chakraborty and S. K. Samanta, *Facta Universities (Nis)*, Vol 28, No. 2, (2013), 170-188.
- 'On multisets and multigroups, *The Annals of Fuzzy Mathematics and Informatics*', Sk. Nazmul, P. Majumdar and S. K. Samanta, Volume 6, No. 3,(2013), 643-656, ISSN:2093-9310.
- 'Connectedness in topology of intuitionistic fuzzy rough sets', H. Hazra and S. K. Samanta, *Scientia Magna*, Vol. 9 (2013), No. 2, 1-12.
- 'On soft metric spaces', Sujoy Das and S. K. Samanta, *J. Fuzzy Math*, Vol-21, 3, (2013), 707-734.
- 'Intuitionistic L-fuzzy Soft Sets and Intuitionistic L-fuzzy Soft Groups', Sk. Nazmul and S. K. Samanta, *Journal of Fuzzy Mathematics*, Vol-21, No. 2, 2013, 371-286.
- 'Soft metric', Sujoy Das and S. K. Samanta, *Annals of Fuzzy Mathematics and Informatics*, Vol-6, No.1, 2013, 77-94, ISSN: 2093-9310.
- 'Decision making based on similarity measure of vague soft sets', P Majumdar and S. K. Samanta, *Journal of Intelligent and Fuzzy Systems*, Vol- 24, No. 3, 2013, 637-646.
- 'Neighbourhood properties of soft topological spaces', Sk. Nazmul and S. K. Samanta, *Annals of Fuzzy Mathematics and Informatics*, Vol-6, No.1, 2013,1-15, ISSN: 2093-9310.
- 'On Intuitionistic fuzzy continuity and boundedness', P. Majumdar and S. K. Samanta, *The Journal of Fuzzy Mathematics*, 21(3), (2013), 531-542, ISSN: 1066-8950.
- 'On similarity and entropy of neutrosophic sets', P Majumdar and S.K. Samanta, *Journal of Intelligent and Fuzzy Systems*, 26 (2013), 1245-1252.
- 'Hahn-Banach extention theorem in generating spaces of quasi-norm family', G. Rano, T.Bag and S. K. Samanta, *The Annals of Fuzzy Mathematics and Informatics*, Volume 7, No. 2, (2014), 239-249, ISSN:2093-9310.
- 'Soft linear functionals in soft normed linear spaces', Sujoy Das and S. K. Samanta, *Annals of Fuzzy Mathematics and Informatics*, Vol 7 (4), 2014, 629-651. ISSN: 2093-9310.

Dulal Pal

- 'MHD mixed convective heat and mass transfer in a viscoelastic fluid in a porous medium towards a stretching sheet with viscous-Ohmic heating and chemical reaction', Dulal Pal and Sewli Chatterjee, *CANADIAN JOURNAL OF CHEMICAL ENGINEERING*, vol. 91, 2013 (published online: 25 July 2013) (Wiley Journal). DOI: 10.1002/cjce.21829. ISSN: 1939-019X
- 'MHD convection-dissipation heat transfer over a non-linear stretching and shrinking sheets in nanofluids with thermal radiation', Dulal Pal, Gopinath Mondal, K. Vajravelu, *INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER* 65 (2013) 481-490 (Elsevier Journal) ISSN: 0017-9310.
- 'Influence of Hall current and thermal radiation on MHD convective heat and mass transfer in a rotating porous channel with chemical reaction', Dulal Pal and Babulal Talukdar, *INTERNATIONAL JOURNAL OF ENGINEERING MATHEMATICS*, Volume 2013, Article ID 367064 (2013) 13 pages (Hindawi Publications).
- 'Hall current and MHD effects on heat transfer over an unsteady stretching permeable surface with thermal radiation', Dulal Pal, *COMPUTERS AND MATHEMATICS WITH APPLICATIONS*, 66 (2013) 1161-1180. (Elsevier Journal) ISSN: 0898-1221.
- 'Convective-radiation effects on stagnation point flow of nanofluids over a stretching/shrinking surface with viscous dissipation', Dulal Pal, Gopinath Mandal, K. Vajravelu, *JOURNAL OF MECHANICS*, March 2014, pp 1 - 9 (Online Published) (Cambridge University Press, United Kingdom) DOI: 10.1017/jmech.2014.8, ISSN: 1727-7191, EISSN: 1811-8216.
- 'Effects of temperature-dependent viscosity and variable thermal conductivity on MHD non-Darcy mixed convective diffusion of species over a stretching sheet', Dulal Pal and Hiranmoy Mondal, *JOURNAL OF EGYPTIAN MATHEMATICAL SOCIETY* 22 (2014) 123-133 (Elsevier Journal) ISSN: 1110-256X.
- 'Soret-Dufour effects on hydromagnetic non-Darcy convective-radiative heat and mass transfer over a stretching sheet in porous medium with viscous dissipation and Ohmic heating', Dulal Pal and Hiranmoy Mondal, *Journal of Applied*

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Fluid Mechanics 7(3) October 2014. (Paper ID: 20357) ISSN 1735-3572, EISSN 1735-3645.

'Effects of radiation on Darcy-Forchheimer convective flow over a stretching sheet in a micropolar fluid with non-uniform heat source/sink', Dulal Pal and Sewli Chatterjee, JOURNAL OF APPLIED FLUID MECHANICS, March 2014, ISSN 1735-3572, EISSN 1735-3645.

Santabrata Chakravarty

'Numerical simulation of Casson fluid flow through differently shaped arterial stenoses', Sarifuddin, S. Chakravarty and P. K. Mandal, ZAMP (DOI 10.1007/s00033 - 013 -0374 - 5) (2013).

'Physiological Flow of Shear-Thinning Viscoelastic Fluid Past an Irregular Arterial Constriction', Sarifuddin, S. Chakravarty and P. K. Mandal, Korea Australia Rheology Journal, Vol.25, No.3, 163 - 174 (2013).

'Heat Transfer to Micropolar Fluid Flowing Through an Irregular Arterial Constriction', Sarifuddin, S. Chakravarty and P. K. Mandal, International Journal of Heat and Mass Transfer, Vol.56, 538 - 551 (2013).

'Study of a Tri-trophic Prey-dependent Food Chain Model of Interacting Populations', M. Haque, N. Ali and S. Chakravarty, Mathematical Biosciences, Vol. 246, No. 1, 55-71 (2013).

Swapan Raha

'Fuzzy flip-flop as fuzzy systems', H. S. Gupta, S. Raha, Annals of Fuzzy Mathematics and Informatics, vol. 7, no. 4, 2014, pp. 579-606.

'Generalised disjunctive syllogism in Inverse Approximate reasoning', B. Mondal, S.Raha, In Proc. of the 2nd International Conference on Rough Sets, Fuzzy Sets and Soft Computing (ICRFSC12), Dept. of Mathematics, Tripura University, Suryamaninagar, Tripura, India, January 17-19, 2013.

Prof. Prasanta Chatterjee

'Interaction of cylindrical and spherical ion acoustic solitary waves with superthermal electrons and positrons', U N Ghosh and P Chatterjee, Astrophys and Space Sci. 344, 127 (2013).

'Soliton and shocks in pair ion plasma in presence of superthermal electron', U Samanta, P Chatterjee and M Mej, Astrophys and space sci, 345, 291(2013).

'Head-on collisions of ion-acoustic Kortweg de Vries/ modified Kortweg de vries solitons in a magnetized quantum electron- positron -ion plasma', M K Ghorui, U Samanta, P Chatterjee, Astrophys. and space sci., 345, 273(2013).

'Effect of nonextensivity during the collision between inward and outward ion acoustic solitary waves in cylindrical and spherical geometry', U N Ghosh and P Chatterjee, J. Plasma Phys. 2013 (accepted).

'Nonplanar ion acoustic solitary waves in electron-positron-ion plasma with warm ions, and electron and positron following q-nonextensive velocity distribution', D K Ghosh, U N Ghosh, G Mondal and P Chatterjee, IEEE Trans. Plasma Sci. 41, 1600 (2013).

'Higher order corrections to dust-acoustic ZK-solitons in a magnetized quantum dusty plasma', M K Ghorui, G Mondal and P Chatterjee, Astrophys. & space sci. , 346, 191 (2013).

'Bifurcation of nonlinear ion acoustic travelling waves in the frame of a ZK equation in magnetized plasma with a kappa distributed electron', U Samanta, A Saha and P Chatterjee, Phys. Plasmas, 20, 052111 (2013).

'Electron acoustic dressed soliton in quantum plasmas', P Chatterjee, G Mondal and C S Wong, Ind J. Phys, 87, 827-834 (2013).

'Response to Comments on "Nonplaner dust ion acoustic gardner soliton in a dusty plasma with q nonextensive electron velocity distribution"', Phys Plasmas. 20, 044703 (2013).

'Large amplitude double layers in a dusty plasma with nonthermal electrons featuring Tsallis distribution', K. Roy, T. Saha and P. Chatterjee, Astrophys Space Sci (2013) 346:409-413.

'Nonplanar ion acoustic shocks in electron-positron-ion plasma: effect of superthermal electros', D K Ghosh, P. Chatterjee, P K Mandal and B Sahu, Pramana- J. Physics 81, 491 (2013).

'Effects of Kappa-Distributed Electrons on Ion-Acoustic Shock Waves in an e-p-i Plasma in Non-Planar Geometry', K. Roy, A. Paul, G. Mandal, P. Chatterjee, Journal of International Academy of Physical Sciences, 17, 1 (2013) (ISSN-0974-9373).

- 'Bifurcation of dust ion acoustic travelling waves in a magnetized quantum dusty plasma', U K Samanta, A Saha, P. Chatterjee, *Astrophys & space Sci.* (2013) 347: 293-298.
- 'Effect of ion kinematic viscosity on large amplitude dust ion acoustic solitary waves', T Saha, K Roy, P. Chatterjee, *Astrophys & space sci.*(2014) 349:745-751.
- 'Head-on collision of electron-acoustic Korteweg-de Vries solitons in a magnetized quantum plasma', M K Ghorui, U K Samanta and P. Chatterjee, *Astrophys & space Sci.* DOI:10.1007/s 10509-013-1535-x.
- 'Bifurcation of electron acoustic travelling waves in a unmagnetized quantum plasma with hot and cold electrons', A Saha and P Chatterjee, *Astrophys & space Sci.* 349, 239-244 (2014).
- 'Dust ion acoustic travelling waves in the framework of a modified Kadomtsev-Petviashvili equation in a magnetized dusty plasma with superthermal electrons', A Saha and P Chatterjee, *Astrophysics and Space Science*, DOI: 10.1007/s10509-013-1685-x.
- 'Cylindrical Zakharov-Kuznetsov equation for ion-acoustic waves with electrons featuring non-extensive distribution', U N Ghosh P K Mandal and P Chatterjee, *Astrophysics and Space Science*, DOI: 10.1007/s10509-013-1670-4.
- 'Bifurcations of ion acoustic solitary waves and periodic waves in an unmagnetized plasma with kappa distributed multi-temperature electrons', A Saha and P Chatterjee, *Astrophysics and Space Science*, DOI: 10.1007/s10509-014-1796-z.
- 'Shock waves in a dusty plasma having q-nonextensive electron velocity distribution', K Roy, P Chatterjee, S. S. Kausik and C.S. Wong, *Astrophysics and Space Science*, DOI: 10.1007/s10509-014-1783-4.
- 'New analytical solutions for dust acoustic solitary and periodic waves in an unmagnetized dusty plasma with kappa distributed electrons and ions', A Saha and P. Chatterjee, *Physics of Plasmas*, 21, 022111 (2014).
- 'Bifurcations of ion acoustic solitary and periodic waves in an electron-positron-ion plasma through non perturbative approach', A Saha and P. Chatterjee, *Journal of Plasma Physics* (2014).
- 'Bifurcations of dust acoustic solitary waves and periodic waves in an unmagnetized plasma with nonextensive ions', A Saha and P. Chatterjee, *Astrophysics and Space Science*, DOI 10.1007/s10509-014-1849-3.

Prashanta Kumar Mandal

- 'Persistence and global stability of Bazykin predator-prey model with Beddington De-Angeli response function', S. Sarwardi, M. Haque, and P. K. Mandal, *Communications in Nonlinear Science and Numerical Simulation*, 19, 189-209 (2014).
- 'Physiological flow of shear-thinning viscoelastic fluid past an irregular arterial constriction', Sarifuddin, S. Chakravarty, and P. K. Mandal, *Korea - Australia Rheology Journal*, 25, pp. 163-174 (2013).
- 'Bifurcation analysis of a modified Leslie-Gower predator-prey model with Beddington-DeAngelis functional response and strong Allee effect', P. J. Pal and P. K. Mandal, *Mathematics and Computers in Simulation*, online 28 August (2013).
- 'Dynamical behaviour of a two-predator model with prey refuge', S. Sarwardi, P. K. Mandal and S. Ray, *Journal of Biological Physics*, 39 (4), pp 701-722 (2013).

Madan Mohan Panja

- 'Evaluation of singular integrals with Daubechies refinable functions', M. M. Panja and B N Mandal, *Investigations in Mathematical Sciences* 3, (In Press) 2013.
- 'Daubechies scale function based quadrature rules for singular and hypersingular integrals with variable singularities', M. M. Panja and B N Mandal, *Investigations in Mathematical Sciences* 3, 155-176 (2013).

Tapas Ray Mahapatra

- 'Stability of dual solutions in stagnation-point flow and heat transfer over a porous shrinking sheet with thermal radiation', T. Ray Mahapatra and S.K. Nandy, *Meccanica*, Vol. 48 (2013), 23-32.
- 'Mixed convection in a lid-driven square cavity filled with porous medium in the presence of thermal radiation and non-uniform heating', T. R. Mahapatra, D. Pal and S. Mondal, *International Journal of Applied Mathematics and Mechanics*, Vol. 9(13) (2013) pp. 23-51.

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'Effects of slip and heat generation/absorption on MHD stagnation flow of nanofluid past a stretching/shrinking surface with convective boundary conditions', Samir Kumar Nandy, Tapas Ray Mahapatra, International Journal of Heat and Mass Transfer, Vol. 64 (2013) pp. 1091-1100.

Dibyendu Banerjee

'On maximum modulus and maximum term of iterated entire functions', Dibyendu Banerjee and Nilkanta Mondal, Indian Journal of Mathematics, in press (2014).

Tarapada Bag

'A fixed point theorem in Dislocated Fuzzy Quasi-Metric Spaces', G. Rano, T. Bag, International Journal of Mathematics and Scientific Computing, Vol. 3(1) (2013) 1-3. (ISSN 2231-5330).

'Finite Dimensional Fuzzy Normed Linear Spaces', T. Bag, S.K.Samanta, Annals of Fuzzy Mathematics and Informatics, Vol. 6(2) (2013) 271-283. (ISSN 2287-6235).

'Fuzzy Real Inner Product Spaces', S. Mukherjee, T. Bag, Annals of Fuzzy Mathematics and Informatics, Vol. 6(2) (2013) 377-389. (ISSN 2287-6235).

'Finite Dimensional Fuzzy Cone Normed Linear Spaces', T. Bag, International Journal of Mathematics and Scientific Computing, Vol. 3(1) (2013) 9-14. (ISSN 2231-5330).

Anjan Kumar Bhuniya

'Structure and some characterizations of left k -clifford semirings', A. K. Bhuniya, Asian-European J. Math., 06, 1350056 (2013).

Subhasis Ray

'Integration by parts of Laplace-Perron integral', S. Ray and T. Garai, Rev. Bull. Cal. Math. Soc. 21,(1) 2013, pp. 71-78 (ISSN: 0008-0659).

'Convexity Conditions For The Higher Order Symmetric Laplace Derivable Functions', A. Garai and S. Ray, Allahabad Math. Soc. Volume 28, No. 2, 2013 (0971-0493).

'Convexity Conditions For Approximate Generalized Riemann Derivable Functions', S. Ray and T. Garai, Indian Journal of Mathematics, Volume 55, No.3, 2013 (ISSN-0019-5324).

Amar Prasad Misra

'Electrostatic solitary waves in dusty pair-ion plasmas', A. P. Misra and N. C. Adhikary, Phys. Plasmas 20, 102309 [12 pages], (2013).

Lakshmi Narayan Guin

'Existence of spatial patterns in a predator-prey model with self- and cross-diffusion', L. N. Guin, Applied Mathematics and Computation, DOI: 10.1016/J.AMC.2013.10.005.

'Spatiotemporal dynamics of reaction-diffusion models of interacting populations', L. N. Guin and P. K. Mandal, Applied Mathematical Modelling (Elsevier), 2014. (DOI: <http://dx.doi.org/10.1016/j.apm.2014.02.022>).

Designing New Course / Curriculum or any other teaching innovations introduced by the Department:

The Department of Mathematics is in an advanced stage of modifying and upgrading its current syllabi for three-year BA/B Sc (Honours) and two-year MA/M Sc courses. The BA/B Sc (Honours) syllabus was last modified and upgraded in 2009. The semester system was introduced in the two-year MA/M Sc course in 2009 and the syllabus was upgraded accordingly.

The department has now introduced Choice Based Credit System (CBCS) both at the undergraduate and postgraduate levels. The curriculum was designed by the Board of Studies (BOS) in Mathematics. This CBCS system has been introduced with effect from the academic session 2011-2012.

A brief history on the development of the Bhavana / Sadana / Vibhaga concerned with an indication of the future plans for development:

The Department of Mathematics is the oldest department under Siksha-Bhavana (Institute of Science). It was established

in 1961 with the introduction of BA/B Sc (Honours) in Mathematics. Subsequently in 1963, two-year MA/M Sc course in Mathematics was started in the department along with the regular Ph. D. programme.

At the moment, the members of faculty are engaged in the following areas of research:

(a) Real Analysis, (b) Complex Analysis, (c) Functional Analysis, (d) Fuzzy Topology, (e) Fuzzy Functional Analysis, (f) Abstract Algebra, (g) Fluid Mechanics, (h) Computational Fluid Dynamics, (i) Atmospheric Sciences, (j) Biomechanics, (k) Plasma Physics, Nonlinear Dynamics (l) Symmetry and Painleve Analysis of differential equations, (m) Artificial Intelligence, (n) Quantum Scattering Theory, (p) Wavelet based Numerical Analysis.

In recognition of the contributions of the faculty members in their fields of research as evidenced in the number and excellent quality of publications in national and international journals of repute, the University Grants Commission has brought the Department of Mathematics under its Special Assistance Programme (SAP) - DRS (Phase - II). The department proposes to establish a "Centre for Nonlinear Studies" in the development budget during the next Five-Year Plan.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included:

During the last academic year 2013-2014, the Department of Mathematics admitted 15 students for Ph D. course work, 9 students have been awarded Ph.D. degree and 5 have submitted their thesis.

DEPARTMENT OF ZOOLOGY

Name of the Department: Zoology

Name of the students qualified in UGC-CSIR NET/SLET and GATE Examinations:

Swati Gupta (NET-LS)

Poulami Nath (NET-LS)

Departmental Seminars:

The Department of Zoology, Visva-Bharati organized the International Conference on Environmental Biology and Ecological Modeling (ICEBEM) in collaboration with the International Society for Ecological Modeling (ISEM) from February 24-26, 2014. The conference provided a very good opportunity for better understanding of the modern trends in different fields of biology with special emphasis on environmental biology and ecological modeling. There were about 250 participants including ten scientists from six foreign countries namely, USA, Italy, Japan, South Korea, China and Bangladesh, which gave the conference a true international flavor.

The conference was inaugurated by Hon'ble Vice-Chancellor Professor Sushanta Dattagupta. Professor Bernard C. Patten, Professor Brian D. Fath and Principal of Siksha Bhavana, Professor Sudhendu Mandal graced the occasion. In the Inaugural Session, Professor Bernard C. Patten, Emeritus Regents' Professor, Odum School of Ecology, University of Georgia, USA delivered the key-note speech and Professor Brian D. Fath, Towson University, USA delivered the plenary speech. The three day Conference included distinguished lectures from renowned scientists, budding scientists and both oral and poster presentations from young scientists and student participants. There were around 77 lectures in total which included two key note lectures, one plenary lecture, seven invited lectures, twelve special lectures and fifty five oral presentations. In addition, there were 98 poster presentations.

Only National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/ Research Scholars in details:

V.C. Joy

19 December 2013: contributed lead article on 'Soil biota as indicators of soil health', page no. 028, 'Ecotoxicological evaluation of fly ash and heavy metal pollution in laterite soil using biochemical parameters in *Cyphoderus javanus* Börner (Collembola: Insecta)' with Atrayee Sahana. Presented a paper on 'Short-term ill effects of IGR pesticides on the growth and reproduction of non-target soil Collembola *Cyphoderus javanus* Börner' by Ipsita Saha and V.C. Joy in the 10th National Symposium on soil Biology and Ecology, organized by the University of Agricultural sciences, Bangalore from December 19-21, 2013.

17 February 2014: 'Biomarker indices in *Cyphoderus javanus* Börner (Collembola: Insecta) for evaluation of fly ash and heavy metal toxicity in lateritic soil' by Atrayee Sahana and V.C. Joy, and 'Effects of IGR pesticides on the life-history parameters in non-target soil Collembola *Cyphoderus javanus* Börner' by Ipsita Saha and V.C. Joy, organized by the 4th International Conference on Ecotoxicology and Environmental Sciences, New Delhi, India from February 17-19, 2014.

24 February 2014: 'Short-term evaluation of fly ash and heavy metal toxicity in lateritic soil using biomarker indices of *Cyphoderus javanus* Börner (Collembola: Insecta)' by Atrayee Sahana and V.C. Joy, and 'Evaluation of toxicity and persistence of IGR pesticides in lateritic soil using life-history parameters in non-target soil Collembola *Cyphoderus javanus* Börner' by Ipsita Saha and V.C. Joy, in the International Conference on Environmental Biology and Ecological Modelling (ICEBEM) organized by the Department of Zoology, Visva-Bharati, Santiniketan.

Saumen Kumar Maitra

09 July 2013: 5th Refresher Course in Life Sciences organized by the University of Burdwan; delivered Keynote Address and a Lecture.

20 July 2013: 91st Orientation Program organized by the University of Burdwan; delivered two Lectures.
 17 September 2013: Department of Endocrinology, P.G. Institute of Basic Medical Sciences, University of Madras, Taramani, Chennai; delivered Invited Lectures during 17-19 September, 2013.
 28 September 2013: Science Academies' Short-term Lecture Workshop sponsored by Indian Academy of Sciences and organized by the Department of Zoology, Bethune College, Kolkata; delivered an Invited Lecture on 'Recent Advance in Animal Science Research'.
 09 January 2014: Refresher Course in Life Sciences organized by the University of Calcutta; delivered a Lecture.
 21 January 2014: 93rd Orientation Program organized by the University of Burdwan; delivered two Lectures.
 18 March 2014: Seventh Inter-Congress Symposium of the Asia and Oceania Society for Comparative Endocrinology (AOSCE) held at National Taiwan Ocean University, Keelung, Taiwan during March 18-24, 2014; delivered Keynote Lecture.

Santi Prasad Sinha Babu

27 April 2013: 'Surface proteins from *Setaria cervi*, a bovine filarial parasite activate macrophage through Toll like Receptor4 (TLR4) mediated signaling pathway', P-47-48, by Mukherjee, S.; Mukherjee, N., Saini, P., Roy, P., and Sinha Babu, S.P., 'Antifilarial activity of N-Butanol fraction obtained from stem bark of *Diospyros peregrina*', P-66, by Saini, P., Mukherjee, N.; Mukherjee, S., Roy, P. and Sinha Babu, S.P., and 'Azadirachta indica, a possible remedy towards lymphatic filariasis: a molecular and biochemical study' by Mukherjee, N.; Saini, P., Mukherjee, S., Roy, P. and Sinha Babu, S.P.; P-75. presented in the 24th National Congress of Parasitology organized by the Regional Medical Research Centre for Tribals (ICMR), Jabalpur, Madhya Pradesh, from April 27-29, 2013.
 06 December 2013: 'Tyrosine controlled green synthesis of bioactive silver nano particle in presence of water soluble biocompatible polymers', P-130, by Roy, B., Mukherjee, S.; Mukherjee, N., Chowdhury, P., and Sinha Babu, S.P. was presented in the 6th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, from December 6-9, 2013.
 24 February 2014: 'Optimization of influential parameters for improved growth of *Pichia guilliermondii*, opportunistic yeast isolated from microfilaraemic patients: a modelling approach', P-149, by Mukherjee, S.; Mukherjee, N., Saini, P., Roy, P., and Sinha Babu, S.P., 'In vitro and in vivo antifilarial activity of *Azadirachta indica* ethanolic leaf extract on *Dirofilaria immitis* microfilaria', P-148, by Mukherjee, N.; Saini, P., Mukherjee, S., Roy, P., and Sinha Babu, S.P., 'Tormentone acid: a potential antifilarial natural compound', P-149-150, by Saini, P., Gayen, P., Mukherjee, N.; Mukherjee, S., Roy, P., and Sinha Babu, S.P., were presented in the International Conference on Environmental Biology and Ecological Modelling (ICEBEM) organized by the Department of Zoology, Visva-Bharati, Santiniketan, from February 24-26, 2014.
 05 March 2014: '*Setaria cervi*, a bovine filarial parasite activates macrophage through Toll like Receptor 4 (TLR4) mediated signaling pathway: In vitro and in vivo approaches', P-106-107 by Mukherjee, S.; Seal, S., Mukherjee, N., Bhattacharya, S., and Sinha Babu, S.P.; 'Ethanolic extract of *Azadirachta indica* causing apoptosis by ROS enhancement in *Dirofilaria immitis* microfilaria: In vitro and in vivo studies', P-107-108 by Mukherjee, N., Saini, P., Mukherjee, S.; Roy, P., and Sinha Babu, S.P., and 'Ursolic acid from *Nyctanthes arbor-tristis*: A potential compound for the treatment of bancroftian filariasis', P-277, by Saini, P., Gayen, P., Mukherjee, N., Mukherjee, S.; and Sinha Babu, S.P. were presented in the 6th ASEAN Congress of Tropical Medicine Parasitology (ACTMP), organized by the Malaysian Society of Parasitology and Tropical Medicine, Kuala Lumpur, Malaysia, from March 5-7, 2014.

Santanu Ray

24 February 2014: International Conference on Environmental Biology and Ecological Modelling (ICEBEM) organized by the Department of Zoology, Visva-Bharati, Santiniketan, from February 24-26, 2014; acted as Joint Convenor.
 08 July 2013: South Asian & African River Delta Alliance (SAARDA), Centre for Policy Dialogue (CPD), Dhaka, Bangladesh, from July 8-10, 2013.
 27 October 2013: The 19th Biennial conference of International Society for Ecological Modeling Ecosystem Sustainability in the context of Global Change, Toulouse, France, from October 27-31, 2013.

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27 December 2013: International Conference on Recent Trends In Science & Technology (ICRTST 2013), College of Engineering and Management, Kolaghat, India, from December 27-29, 2013.

01 March 2014: One day Seminar on the Modern Trends in Network Biology, Calcutta University, Kolkata.

Ansuman Chattopadhyay

24 February 2014: 'Effect of Sodium Fluoride on Oxidative Stress and mRNA Expression Pattern of Antioxidant Genes in Zebrafish (*Danio rerio*)' by Mukhopadhyay D and Chattopadhyay A., 'Arsenic induced genotoxicity in glutathione depleted mammalian cells: differential response in vitro and in vivo' by Srivastava R, Sengupta A, Banerjee PP, Bhattacharya S, Chattopadhyay A., 'Anticancer activity of endophytic fungi associated with *Potentilla fulgens* L.; an ethnomedicinal plant of Northeast India' by Banerjee PP, Nath A, Sengupta A, Mukherjee S, Mukhopadhyay D, Joshi SR, Bhattacharya S, Chattopadhyay A., and 'Biological efficacy of crude GnRH extract from Indian murrel and its comparison with Ovaprim treatment: annual reproductive phase related steroidogenesis and induced spawning of *Labeo rohita* Ham.' by Sengupta A, Saha SK, Chattopadhyay A., were presented in the International Conference on Environmental Biology and Ecological Modelling (ICEBEM) organized by the Department of Zoology, Visva-Bharati, Santiniketan, from February 24-26, 2014.

Samar Kumar Saha

05 December 2013: 'Effect of *Azadirachta indica* A. Juss (neem) on oocyte maturation, oviposition, reproductive potentials and embryonic development of a freshwater fish ectoparasite *Argulus bengalensis* Ramakrishna, 1951 (Crustacea: Branchiura)' by Anirban Banerjee, Subha Manna, Samar Kumar Saha was presented in UGC-DRS sponsored National Seminar on "Bioprospecting of Natural Products" organized by the Department of Zoology, University of Burdwan, West Bengal, from December 5-6, 2013.

24 February 2014: 'Tissue specific structural variations of mitochondria of fish ectoparasite *Argulus bengalensis* Ramakrishna, 1951 (Crustacea: Branchiura): Functional implications'.

by Anirban Banerjee, Samar Kumar Saha, 'Refurbishment of arsenicosis in testes of mice by selenium' by Sanghamitra Das, Anirban Banerjee, Samar Kumar Saha, Santi Prasad Sinha Babu were presented in the International Conference on Environmental Biology and Ecological Modelling (ICEBEM-2014) in the Department of Zoology, Visva-Bharati, Santiniketan, from February 24-26, 2014.

Larisha M. Lyndem

27 April 2013: 24th National Congress of Parasitology organized by the RMRC Jabalpur, from April 27-29, 2013; Saptarshi Roy, Suman Kundu and Larisha M Lyndem; 'An in vitro effect of some medicinal plants on the goat trematode *Paramphistomum* sp: A future prospects on livestock'.

07 May 2013: Defining the Role of Women Scientists and Teachers in Promotion and Application of Science and Technology- Northeast India Perspectives, Shillong, India, organized by NASI North-East Region Local Chapter, Shillong in collaboration with Lady Keane College, Shillong; presented an Invited Lecture on 'The Status of Education of Tribal Women in North-east India'.

08 September 2013: Third Euro-India International Conference on Holistic Medicine organized by the Institute for Holistic Medical Sciences (IHMS), Kottayam, Kerala; presented an Invited Lecture on 'Hymenolepis diminuta: Ultrastructural and biochemical studies of the in-vitro effects of Cassia plant'.

05 December 2013: 'In vitro anthelmintic effect of *Clerodendrum viscosum* on *Paramphistomum* sp.' by Suranjana Nandi, Saptarshi Roy, Bidisha Ukil, Suman kundu and Larisha M. Lyndem, and 'Anthelmintic efficacy of ethanol extracts of leaves of cassia plants on *Paramphistomum cervi*' by Saptarshi Roy, Suman Kundu and Larisha M Lyndem were presented in the UGC-DRS sponsored National Seminar on Bioprospecting of Natural Products, organized by the University of Burdwan, from December 5-6, 2013.

Sudipta Maitra

21 October 2013: International Conference on Comparative Endocrinology and Physiology organized by the Department of Zoology, Rtm Nagpur University, from October 21-23, 2013; presented an Invited Lecture.

18 December 2013: International Conference on Integrative and Comparative Physiology (SEIB 2013) organized by the Centre for Evolutionary and Integrative Biology, University of Kerala; from December 18-20, 2013; presented an Invited Lecture.

Surjya Saikia

01 March 2014: 'Production and sustainable management of nutrient-rich small fish (SIS) in ponds and wetlands for improved nutrition in South Asia' in Bangladesh organized by 'WorldFish' from March 01-02, 2014; participated in the Workshop.

Rakesh Kundu

27 March 2014: Science Seminar Lecture Series (2014) held at the Department of Botany, Visva-Bharati, Santiniketan; delivered a lecture on 'Trailing the mystery of Hilsa (*Tenulosa ilisha* Ham.) migration: an observation'.

Sutapa Mukherjee

27 March 2014: Science Seminar Lecture Series (2014) held at the Department of Botany, Visva-Bharati, Santiniketan; delivered a lecture on 'Understanding the molecular mechanism of adipose tissue dysfunction in obesity mediated insulin resistance'.

29 March 2014: 'Supplementation of T3 recovers hepatocytes from oxidatively damaged inner mitochondrial membrane leading to apoptosis in hypothyroid rats', P-79, by S. Mukherjee, L. Samanta, A. Roy, S. Bhanja and G.B.N. Chai., and 'Immobilized laccase: Potential role of a biocatalyst in neutralizing toxic compounds', P-53, by S. Ghosh and S. Mukherjee were presented in the National Symposium on Emerging Trends in Biotechnology: Present Scenario and Future Dimensions organized by the P.G. Department of Biotechnology, Utkal University, Bhubaneswar from March 29-30, 2014.

Samir Bhattacharya

28 August 2013: Department of Biomedical Sciences, Quillen College of Medicine, East State Tennessee University, Johnson City, Tennessee, USA; delivered a lecture on his contributions to understand the relationship between lipid induced insulin resistance, inflammation and immunity.

27 October 2013: DST INSPIRE program at University of Kerala; delivered Invited Lecture on 'Charm of new discoveries in Science: And why we fail to achieve that?'.

28 February 2014: Science Day celebration at Dibrugarh University; delivered Invited Lecture on 'How can we enjoy science?'.

Shelley Bhattacharya

27 August 2013: Department of Biomedical Sciences, Quillen College of Medicine, East State Tennessee University, Johnson City, Tennessee, USA; delivered a lecture on 'Achatina C-reactive protein induces apoptosis-like death of bacteria'.

17 November 2013: SETAC, 34th Annual Meeting, North America, Nashville, TN from November 17-21, 2013; Sarkar S, Mukherjee S, Chattopadhyay A, Bhattacharya S., 'Manifestation of arsenic induced changes in zebrafish, *Danio rerio*'.

28 January 2014: DST INSPIRE program at Ujjain from January 28-31, 2014; delivered a lecture on 'Stem cell research: significance and possibilities'.

24 February 2014: 'Low dose arsenic trioxide induced oxidative stress in liver of zebrafish, *Danio rerio*' by Sarkar S, Mukherjee S, Chattopadhyay A, Bhattacharya S., 'Concentration dependent switch over of Type I and Type II cell death in mercury induced rat hepatocytes' by Chatterjee S, Ray A, Chattopadhyay A, Bhattacharya S., 'Anticancer activity of endophytic fungi associated with *Potentilla fulgens* L.; an ethnomedicinal plant of Northeast India' by Banerjee PP, Nath A, Sengupta A, Mukherjee S, Mukhopadhyay D, Joshi SR, Bhattacharya S, Chattopadhyay A., and 'Arsenic induced genotoxicity in glutathione depleted mammalian cells: differential response in vitro and in vivo' by Srivastava R, Sengupta A, Banerjee PP, Bhattacharya S, Chattopadhyay A., and 'Toxicology of pesticides: A journey from environmental studies to a detection tool' by Shelley Bhattacharya were delivered during the International Conference

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on Environmental Biology and Ecological Modelling (ICEBEM-2014) in the Department of Zoology, Visva-Bharati, Santiniketan, from February 24-26, 2014.

Ongoing Research Projects in the Department:

- i. Name of the Teacher: Arun Kumar Ray (PI)
 - ii. Name of the Project: 'Mode of association of autochthonous bacteria in the gastrointestinal tracts of some freshwater fish and their identification'.
 - iii. Sponsoring Agencies: UGC, Govt. of India
 - iv. Amount Sanctioned: Rupees 7.00 Lakh
- i. Name of the Teacher: Arun Kumar Ray (PI)
 - ii. Name of the Project: 'Characterization and identification of phytase-producing bacteria from fish gut and their application in formulation of plant-based carp diets'.
 - iii. Sponsoring Agencies: CSIR, Govt. of India
 - iv. Amount Sanctioned: Rupees 12.00 Lakh
- i. Name of the Teacher: Saumen Kumar Maitra (PI)
 - ii. Name of the Project: 'Role of melatonin in gonadal maturation in Indian carp *Catla catla*'.
 - iii. Sponsoring Agencies: DBT, Govt. of India (Ref. No. BT/PR11423/AAQ/ 03/421/2008)
 - iv. Amount Sanctioned: Rupees 23.08 Lakh
 - v. Duration of the Project: Completed in April 2013
- i. Name of the Teacher: Saumen Kumar Maitra (PI) in collaboration with:
 - a. Norwegian University of Science Technology (NTNU)
 - b. Fisheries Research Division, Nepal Agricultural Research Council (NARC)
 - c. Kathmandu University, Aquatic Research Unit (Aquatic Ecology Center)
 - d. Delhi University
 - e. Sweco-Groner
 - ii. Name of the Project: 'Fish Farming Development in Nepal (FFDN)'
 - iii. Sponsoring Agencies: The Norwegian Ministry of Foreign Affairs
 - iv. Amount Sanctioned: 18,400,000 (Eighteen million and four thousand Norwegian Kroner)/ 9000,000 (Nine million Norwegian Kroner, for NTNU including the funds for Visva-Bharati University and Delhi University, India)
 - v. Duration of the Project: Completed in June 2013
- i. Name of the Teacher: Saumen Kumar Maitra (PI)
 - ii. Name of the Project: 'Functional characterization of gastrointestinal melatonin in carp *Catla catla*'.
 - iii. Sponsoring Agencies: CSIR, Govt. of India (Ref. No. 37(1390)/09/EMR-I dated 07.10.2009)
 - iv. Amount Sanctioned: Rupees 13, 42,485
 - v. Duration of the Project: Completed in February 2014
- i. Name of the Teacher: Santi P. Sinha Babu (PI); Samir Bhattacharya (Co-PI)
In collaboration with Sri Ramachandra University, Chennai and M/s. East India Pharmaceutical Works Ltd., Kolkata
 - ii. Name of the Project: 'Product development of *Phyllanthus niruri* and *Glycine max* (L.) Merr., formulation for the management of diabetes and associated complications, its validation, standardization, preclinical and pharmacological evaluation'
 - iii. Sponsoring Agencies: DST, Govt. of India (VID&P/413/2012-2013/TDT(G))
 - iv. Amount Sanctioned: Rupees 65.35 Lakh
 - v. Duration of the Project: August 2012-August 2015

- i. Name of the Teacher: Santi P. Sinha Babu (PI)
 - ii. Name of the Project: 'Curcumin: a potential compound for the control of bancroftian filariasis'
 - iii. Sponsoring Agencies: CSIR, Govt. of India (Grant No.: 37(1516)/11/EMR-II)
 - iv. Amount Sanctioned: Rupees 19, 07,560.00
 - v. Duration of the Project: December 2011-December 2014
- i. Name of the Teacher: Santi P. Sinha Babu (PI)
 - ii. Name of the Project: 'Ferulic acid from Vitex negundo: a potential compound for the control of bancroftian filariasis'
 - iii. Sponsoring Agencies: UGC, Govt. of India (Grant No.: 42-534/2013 (SR))
 - iv. Amount Sanctioned: Rupees 12, 90,800
 - v. Duration of the Project: April 2013-April 2016
- i. Name of the Teacher: Ansuman Chattopadhyay (PI)
 - ii. Name of the Project: 'Arsenic induced modulation of trace elements in mammalian cells'.
 - iii. Sponsoring Agencies: UGC-DAE-CSR (Collaborative Research Scheme)
 - iv. Amount Sanctioned: Rupees 10 Lakh
 - v. Duration of the Project: October 2009- October 2013
- i. Name of the Teacher: Ansuman Chattopadhyay (PI)
 - ii. Name of the Project: 'Isolation characterization and anti-cancer property of endophytic fungal metabolites from north eastern India'.
 - iii. Sponsoring Agencies: DBT twinning project
 - iv. Amount Sanctioned: Rupees 82 Lakh of which VB Component: Rupees 37.96 Lakh
 - v. Duration of the Project: December 2010 -June 2014
- i. Name of the Teacher: Ansuman Chattopadhyay (PI)
 - ii. Name of the Project: 'Genotoxicity and apoptosis induction after co-exposure to Arsenic and Fluoride in mammalian cells: effect on radiosensitivity and modulation of trace elements'.
 - iii. Sponsoring Agencies: UGC-DAE-CSR (Collaborative Research Scheme) Support as facility user
 - iv. Amount Sanctioned: Rupees 58.8 Lakh of which VB Component: Rupees 25 Lakh
 - v. Duration of the Project: January 2014-January 2017
- i. Name of the Teacher: Ansuman Chattopadhyay (PI); Shelley Bhattacharya (Co-PI)
 - ii. Name of the Project: 'Polymer supported green silver nanoparticles: using plants of north east India; studies on toxicity and anti-cancer property'.
 - iii. Sponsoring Agencies: DBT twinning project (Ref. No. BT/473/NE/TBP/2013)
 - iv. Amount Sanctioned: Rupees 58.8 Lakh of which VB Component: Rupees 25 Lakh
 - v. Duration of the Project: February 2014-February 2017
- i. Name of the Teacher: Sudipta Maitra (PI); Samir Bhattacharya (Co-PI)
 - ii. Name of the Project: 'Attempt to conserve endangered catfishes of Arunachal hill streams by manipulating germ cell maturation'.
 - iii. Sponsoring Agencies: DBT, Govt. of India
 - iv. Amount Sanctioned: Rupees 75 lakh of which Rupees 35.46 Lakh VB component
 - v. Duration of the Project: Maarch 2011-2014
- i. Name of the Teacher: Sudipta Maitra (PI)
 - ii. Name of the Project: 'Regulation of gonadotropin-dependent oocyte maturational competence in catfish (Clarias batrachus)'.

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- iii. Sponsoring Agencies: UGC, Govt. of India
- iv. Amount Sanctioned: Rupees 6.91 Lakh
- v. Duration of the Project: Feb 2011- Jan 2014
- i. Name of the Teacher: Shelley Bhattacharya (PI); Samir Bhattacharya (Mission Director); Dr. Sudipta Maitra (Program Coordinator)
in collaboration with CSIR-NEIST, Jorhat.
- ii. Name of the Project: 'North-East exploration for pharmaceutical' (a Plan Period Project for 5 years)
- iii. Sponsoring Agencies: CSIR, Govt. of India (HCP 0005)
- iv. Amount Sanctioned: Rupees 214 Lakh
- v. Duration of the Project: 2012-2017
- i. Name of the Teacher: Samir Bhattacharya (CC-PI); Surjya Kumar Saikia (CI); Rakesh Kundu (CI)
- ii. Name of the Project: 'Stock characterization, captive breeding, seed production and culture of Hilsa (*Tenulosa ilisha*)'
- iii. Sponsoring Agencies: ICAR, Govt. of India (Ref. No. NFBSFARA/3021/2012-13) Collaborative Research Project
- iv. Amount Sanctioned: Rupees 159.7478 Lakhs.
- v. Duration of the Project: 2012-2017
- i. Name of the Teacher: Samir Bhattacharya (Co-PI); Mihir K Chaudhuri, Vice Chancellor Tezpur University (PI); Subeer S. Majumdar, Scientist, National Institute of Immunology (PI)
- ii. Name of the Project: 'A novel stable vanadium compound for the alleviation of diabetes'
- iii. Sponsoring Agencies: DBT, Govt. of India. (BT/367/NE/TBP/2012)
- iv. Amount Sanctioned: Rupees 76.70 Lakhs.
- v. Duration of the Project: 2014-2017
- i. Name of the Teacher: Samir Bhattacharya (PI)
- ii. Name of the Project: 'Type 2 diabetes and its amelioration.'
- iii. Sponsoring Agencies: NASI Project (Ref. No. NAS/598/12/2012-13)
- iv. Amount Sanctioned: Rupees 1.00 Lakh contingency per annum along with salary of fellow and Honourarium
- v. Duration of the Project: Five years
- i. Name of the Teacher: Shelley Bhattacharya (PI)
- ii. Name of the Project: 'Stemness and differentiation of rat adult hepatic stem cells: Interaction with metals'
- iii. Sponsoring Agencies: NASI Project (Ref. No. NAS/71/5/2011-12)
- iv. Amount Sanctioned: Rupees 1.00 Lakh contingency per annum along with salary of fellow and Honourarium
- v. Duration of the Project: Five Years
- i. Name of the Teacher: Rakesh Kundu (PI)
- ii. Name of the Project: 'Understanding the role of Nrf2-Keap1 pathway in developing drug resistance in lung cancer cells'
- iii. Sponsoring Agencies: UGC-FRPS Start-Up Grant, Govt. of India
- iv. Amount Sanctioned: Rupees 6 Lakhs
- v. Duration of the Project: Two years
- i. Name of the Teacher: Sutapa Mukherjee (PI)
- ii. Name of the Project: 'To study lipid induced changes in adipocyte antioxidant response and the role of NADPH oxidase in obesity mediated insulin resistance'.
- iii. Sponsoring Agencies: UGC-FRPS Start-Up Grant, Govt. of India
- iv. Amount Sanctioned: Rupees 6 Lakhs
- v. Duration of the Project: Two years

Extension activities/NSS/Cultural and other activities organised by the Department and participated by the Teachers and students of the Department.

The Department conducted a study tour to Sundarban during December 29, 2013 to January 2, 2014 taking B.Sc. (Semester-VI) and M.Sc. (Semester-II) students along with the teacher escorts. The study tour to this complex ecosystem has greatly enriched our students to understand biodiversity, forest ecosystem, conservation and the conflict between the native villagers and wild animals.

A. Academic distinction achieved by the Department

Recognized by the UGC, Govt. of India as Centre of Advanced Study (CAS Department) since April 2007. The 1st CAS was successfully accomplished during April 2007- March, 2012. The 2nd CAS has been initiated from April 01, 2012 and shall continue for 5 years.

B. Academic distinction achieved by the Teachers

Samir Bhattacharya

Samir Bhattacharya was awarded the CSIR-Technology Award in 2013 by the Govt. of India for discovering anti-arthritis medicine along with CSIR-NEIST, Jorhat scientists. He was awarded the G. K. Manna Memorial Award on October 22, 2013 by AICCG, University of Kerala.

Arun Kumar Ray

He has collaborative research in the area of Fish Microbiology with Professor Einar Ringø, Department of Marine Biotechnology, Norwegian College of Fishery Science, University of Tromsø, Norway. He is also a Member of the Editorial Board of the Journal: *Acta Ichthyologica et Piscatoria* (Poland) and reviewer of the following journals:

Aquaculture (Elsevier)
 Aquaculture Research (Blackwell)
 Aquaculture Nutrition (Blackwell)
 Journal of the World Aquaculture Society (Blackwell)
 Bioresource Technology (Elsevier)
Acta Ichthyologica et Piscatoria (Poland)
 Natural Product Radiance (CSIR, India)
 Israeli Journal of Aquaculture (Bamidgheh, Israel)
 Food and Chemical Toxicology (Elsevier)
 Proceedings of the Zoological Society (Kolkata, Springer)

Saumen Kumar Maitra

Saumen Kumar Maitra was nominated by the University of Tripura as an External Expert in P.G. Board of Studies in Zoology for the period 2014-2016.

He is a reviewer for the International Journals:

General and Comparative Zoological Science (Elsevier Press)
 Comparative Biochemistry and Physiology (Elsevier Press)
 Neurochemistry International (Elsevier Press)
 Aquaculture Research (Elsevier Press)
 Therapeutic Advances in Endocrinology and Metabolism (SAGE Publications)
 Ecotoxicology and Environmental Safety (Elsevier Press)
 Veterinary Clinical Pathology (Wiley-Blackwell)
 Journal of Fish Biology (Wiley Blackwell)
 African Journal of Environmental Science and Technology
 Asian Fisheries Science Journal (Selangor, Malaysia)

Santi P. Sinha Babu acted as Expert for evaluation and allocation of minor research project proposals (UGC) received

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from colleges of North-East region.

He was invited as a Reviewer of the following Journals:

Microscopy Research and Technique (John Wiley and Sons)

Immunological Investigations (Taylor & Francis)

Pharmaceutical Biology (Informa Pharmaceutical Science)

Journal of Parasitic Diseases (Springer)

Cell Proliferation

BMC Cancer

Santanu Ray served as chairperson of one of the sessions and also served as one of the adjudicators for best oral and poster presentation in the 19th Biennial conference of International Society for Ecological Modeling Ecosystem Sustainability in the context of Global Change, Toulouse, France, from October 27-31, 2013.

Santanu Ray is the Associate Editor of the journal 'Ecological Modelling - An International Journal on Ecological Modelling and System Ecology' published by ELSEVIER, Netherlands (from January, 2009 onwards).

He is a Member of the Editorial board of International Journals:

Ecological Modelling - An International Journal on Ecological Modelling and System Ecology published by ELSEVIER, Netherlands (First and only member from India from 2001).

Ecological Informatics- published by ELSEVIER, Netherlands (First and only member from India from November, 2011).

Network Biology- published by the International Academy of Ecology and Environmental Sciences

Computational Ecology and Software - published by the International Academy of Ecology and Environmental Sciences

Journal of Ecosystem- published by Hindawi Publication, USA

Chinese Journal of Population Resources and Environment - published by Taylor & Francis.

He is the Secretary, Asia-Pacific Chapter, International Society of Ecological Modelling (ISEM), Head Office, Maryland, U.S.A from 2012 onwards.

He is a Member of National Network of Mathematical and Computational Biology (NNMCB).

He is a Reviewer of International/National Journals:

Ecological Modelling - ELSEVIER, Netherlands

Ecological Complexity - ELSEVIER, USA

Journal of Biological Systems - World Scientific Publication Co., Canada

BMC - Ecology - Biomedical Centre, Michigan, USA

International Journal of Phytoremediation- Taylor and Francis, USA

Journal of Theoretical Biology - ELSEVIER, Netherlands

Mathematical and Dynamical Systems in Biological Sciences, France

Environmental Modelling and Software - ELSEVIER, USA

Current Science - Indian Academy of Science, Bangalore, India

Research and Reviews in BioSciences - Trade Science Inc., India

Ecological Engineering - ELSEVIER, USA

Climate Change - Springer

Ecological Informatics - ELSEVIER

Applied Mathematical Modelling - ELSEVIER

Ecological Indicators - ELSEVIER

Rakesh Kundu is a Member of the National/International Societies:

Indian National Science Congress Association, Kolkata, India.

Society of Biological Chemists, Bangalore, India.

American Society for Pharmacology and Experimental Therapeutics (ASPET), Bethesda, MD.

European Society for Comparative Endocrinology, Zurich, Switzerland
 Rakesh Kundu is Reviewer of the Journal" PLoS ONE.
 Sutapa Mukherjee has become a Life Member of the National Societies:
 Indian National Science Congress Association, Kolkata, India.
 Society of Biological Chemists, Bangalore, India.
 Society of Reproductive Biology and Comparative Endocrinology, Chennai, India.

Publications within the year April 2013-March 2014

A. Books

S.K. Saikia and D.N. Das, 'Laboratory handbook on basic ecology (Soil, water, plankton and feeding ecology with special mention to periphyton)', Science Publishing Group, New York 10018, USA (ISBN 978-1-940366-08-01), 2014.

B. Articles in Journals

Askarian, F., S. Sperstad, D.L. Merrifield, A. K. Ray and E. Ringø, 'The effect of different feeding regimes on enzyme activity of Atlantic cod (*Gadus morhua* L.) gut microbiota', *Aquaculture Research*, Vol. 44, No. 5, pp. 841-846, 2013.
 Roy, T., G. Banerjee, S. K. Dan and A.K. Ray, 'Optimization of fermentation conditions for phytase production by two strains of *Bacillus licheniformis* (LF1 and LH1) isolated from the intestine of rohu, *Labeo rohita* (Hamilton)', *Proceedings of the Zoological Society*, Vol. 66, No. 1, pp. 27-35, 2013.

Banerjee, G., A.K. Ray, F. Askarian and E. Ringø, 'Characterization and identification of enzyme-producing autochthonous bacteria from the gastrointestinal tract of two Indian air-breathing fish', *Beneficial Microbes*, Vol.4, No.3, pp.277-284, DOI: 10.3920/BM2012.0051, 2013.

Banerjee, G. and A.K. Ray., 'Characterization and identification of protease and amylase-producing bacteria isolated from the gastrointestinal tract of climbing perch, *Anabas testudineus* (Bloch)', *Deccan Current Science*, Vol. 9, No. 1, pp. 150-159, 2013.

Dan, S.K. and A.K. Ray., 'Characterization and identification of phytase-producing bacteria isolated from the gastrointestinal tract of four freshwater teleosts', *Annals of Microbiology* DOI: 10.1007/s13213-013-0664-3 (in press).

Roy, T., G. Banerjee, S.K. Dan, P. Ghosh and A. K. Ray., 'Improvement of nutritive value of sesame oilseed meal in formulated diets for rohu, *Labeo rohita* (Hamilton), fingerlings after fermentation with two phytase-producing bacterial strains isolated from fish gut', *Aquaculture International* DOI: 10.1007/s10499-013-9691-0 (in press).

Roy, G. and Joy, V.C., 'Dose-based impact of coal fly ash on ecologically important microbial functions in lateritic agricultural soil', *Journal of Soil Biology and Ecology*, Vol. 33, No. 1&2, pp. 95-103, 2013.

Mukhopadhyay, S., Roy, S. and Joy, V.C., 'Enhancement of soil enzyme activities by the feeding impact of detritivore arthropods on tropical forest tree leaf litters', *Tropical Ecology*, Vol. 55, No. 1, pp. 95-110, 2014.

Atreyee Sahana and Joy, V.C., 'Temporal changes of *Collembola* population and alterations of life history parameters and acetylcholinesterase and superoxide dismutase activities in *Cyphoderus javanus* (*Collembola*) as biomarkers of fly ash pollution in lateritic soil', *Toxicological and Environmental Chemistry*, Vol. 95, No. 8, pp. 1359-1368, 2014.

Ipsita Saha and Joy, V.C., 'Potential ill effects of IGR pesticides on life-history parameters in ecologically important soil *Collembola* *Cyphoderus javanus* Börner', *International Journal of Science Environment and Technology*, Vol. 3, No. 2, pp. 365-373, 2014.

Atreyee Sahana, Soumik Agarwal, Shelley Bhattacharya, and Joy Vadakepuram Chacko, 'Oxidative stress responses in *Cyphoderus Javanus* Börner (*Collembola*), for ecotoxicological monitoring of heavy metal pollution in lateritic soil', *Pollution Research*, Vol. 33, No. 4. (In press).

Maitra S. K., Chatteraj, A., Mukherjee, S. and Moniruzzaman M., 'Melatonin: A potent candidate in the regulation of fish oocyte growth and maturation', *General and Comparative Endocrinology*, Vol. 181, pp. 215-222, 2013.

Mukherjee, S., Moniruzzaman M. and Maitra S. K., 'Daily and seasonal profiles of gut melatonin and their temporal relationship with pineal and serum melatonin in carp *Catla catla* under natural photo-thermal conditions', *Biological Rhythm Research*, Vol. 45, pp. 301-315, 2014.

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- Mukherjee A & Sinha Babu, S.P., 'Pseudomonas fluorescens mediated suppression of Meloidogyne incognita infection of cowpea and tomato', Archives of Phytopathology and Plant Protection, Vol. 46, pp. 607-616, 2013.
- Gayen P, Nayak A, Saini P, Mukherjee N, Maitra S, Sarkar P, Sinha Babu, S.P., 'A double-blind controlled field trial of doxycycline and albendazole in combination for the treatment of bancroftian filariasis in India', Acta Tropica, Vol. 125, pp. 150-156, 2013.
- Giri BR, Roy B, Sinha Babu, S.P., 'Evidence of apoptosis in Raillietina echinobothrida induced by methanolic extracts of three traditional medicinal plants of Northeastern India', Experimental Parasitology, Vol. 134, pp. 466-473, 2013.
- Mukherjee N, Mukherjee S, Saini P, Roy P, Sinha Babu, S.P., 'Antifilarial effects of polyphenol rich ethanolic extract from the leaves of Azadirachta indica through molecular and biochemical approaches describing reactive oxygen species (ROS) mediated apoptosis of Setaria cervi', Experimental Parasitology, Vol. 136, pp. 41-58, 2014.
- Saha SK, Chowdhury P, Saini P, Sinha Babu, S.P., 'Ultrasound assisted green synthesis of poly(vinyl alcohol) capped silver nanoparticles for the study of its antifilarial efficacy', Applied Surface Science, Vol. 288, pp. 625-632, 2014.
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C. Articles in Book Chapters

Chattopadhyay A, Podder S., 'Vinyl Fluoride (Book chapter). In book: *Encyclopedia of Toxicology*, Third Edition, Vol.4, Elsevier Inc., Academic Press, Editor: Wexler P, pp.939-941, 2014.

Patents Applied

Chaudhuri MK, Hussain S, Bharadwaj S, Sinha UB, Talukdar D, Bora U, Majumdar SS, Bhattacharya S, Dasgupta S, Kundu R, Bhattacharya S, Bhattacharya S (2013) Insulin mimetic active comprising oxodiperoxo vanadates and a pharmaceutical composition obtained thereof. US Patent. Application No. 14/007506.

Seal S, Chatterjee P, Bhattacharya S, Pal D, Dasgupta S, Kundu R, Mukherjee S, Bhattacharya S, Bhuyan M, Bhattacharyya PR, Baishya G, Barua PK, Barua NC, Rao PG, Bhattacharya S (2013) A synergistic pharmaceutical composition useful for the treatment of lung cancer. PCT International. Application No. PCT/IN2012/000581 (WO2014002104).

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Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

Choice-based credit system for B.Sc. and M.Sc. and compulsory course work for Ph.D. has been introduced. Presently, the syllabi of B.Sc. (Hons.), M.Sc. and Ph.D. Course Work are being revised. Seminar library and reading room facility renovated.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

About the department

The Department of Zoology, one of the pioneer departments under Siksha-Bhavana (Institute of Science) has a proud history of dedicated academic service for more than 46 years in teaching and research. Some of the highlights of the department are interdisciplinary teaching and research in the frontier fields of Life Sciences, quantum of external funding for research, number of on-going research projects, number of Ph.Ds produced, number of research papers published in international and national journals, number of patents filed, and MOU signed for collaborative research with Research Institutes.

The courses offered by the department at present are B.Sc. (Honours) and M.Sc in Zoology. Our continued efforts in the coming years would be to build up this department to a centre of excellence with all modern facilities for teaching and research. This department has well developed infrastructure and sophisticated equipments for undertaking in-depth research in any branch of Integrative Biology. The department has been recognized by UGC for providing special assistance under SAP in 1994 and thereafter received grants like COSIST from UGC and FIST from DST. Because of the continued quality of teaching and research, UGC has recognized the department as Center of Advanced Study (CAS) in Zoology. The 1st CAS was successfully accomplished during April 2007-March 2012. The 2nd CAS has been initiated from April 01, 2012 and will continue for the next five years. DST-FIST (Level-II) has also been initiated from 2012.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included.

The existing syllabus gives more or less equal importance to both theoretical and practical courses. The department has trained persons to handle the live/preserved animal specimens used for teaching and research. The existing animal room is small but has all the facilities to house rabbits, mice and rats required for general classes and research. However, a bigger animal house with proper facilities for housing different groups of animals as per the recommendations of the Animal Ethics Committee is required. The department has placed a proposal for Animal House which is under processing. The department takes all measures to ensure the ethical aspects of preparing the animals for class and research purposes. The existing syllabus contains the minimum use of only easily available/cultivable groups of animals for practical demonstration and other experiments. Our students in undergraduate and postgraduate courses receive the best practical training not only in all aspects of Zoology but also in other branches of Life sciences like Biochemistry, Cell Biology, Genetics, Ecology, Immunology, and learn modern experimental techniques using sophisticated equipments. We proudly acknowledge that this type of advanced facilities could be created for the benefit of students only through the generous grants received from the UGC and DST for infrastructure development and by the hard labour of teachers. However, we are now facing acute shortage of space for further extensions of the building and development of student amenities like class rooms, practical labs, research labs, animal/fish rearing rooms, toilets, etc.

DEPARTMENT OF BOTANY

- (i) Students qualified in NET-4
- (ii) Student qualified in GATE-8

Departmental Seminar/Workshop:

Seminar-4

- (a) National and International Standard Conferences/Seminars/Workshops etc. attended by the faculty member:
- (b) Debidas Bhattacharya Endowment Lecture, December 19, 2013. Professor Sumita Jha Head, Department of Genetics and Co-Ordinator, Centre for Advanced Study in Botany & Former Head, Department of Botany, University of Calcutta, delivered the Endowment Lecture on "Medicinal Plants Biotechnology".

Sudhendu Mandal

A. Ph.D. Students:

Working: Eight (2 - CSIR NET, 1-BSI Fellow, 3-Teacher candidate & 2-Other Fellow

B.Conferences/Seminars/Workshops, etc. attended :

1. Delivered Invited lecture as Resource Person on "Plant Taxonomy teaching in Universities" at the One Day Brainstorming Session on Plant Taxonomy of the Botanical Survey of India (Ministry of Environment & Forests, Govt. of India) at the Central National Herbarium, Indian Botanic Garden, Shibpur, Howrah on 25th April 2013.
2. Attended the Technical Advisory Committee (TAC) meeting of the Indian Statistical Institute on 24th June 2013.
3. Delivered Invited lecture on "Genesis of science research and Academy of Science & Technology, West Bengal" at the Indian National Science Academy, New Delhi on 28th June 2013.
4. Delivered Welcome Address and Introductory Lecture at the 79th Foundation Day of the Indian Science News Association at the Bose Institute, Kolkata on 9th July 2013.
5. Attended three meetings of the Executive Council of the Indian Science News Association in Kolkata as Member-Secretary.
6. Attended two Editorial Board Meetings of the Journal Science and Culture, ISNA at the University of Calcutta, Kolkata as Member of the Editorial Board.
7. Attended two Executive Council meeting of the Plant Physiology Forum at the Department of Botany, University of Calcutta, Kolkata as Vice-President.
8. Attended three meetings of the Executive Council of the West Bengal Academy of Science & Technology at the IICB, Kolkata as Treasurer.
9. Chaired the Technical Session I and addressed at the 22nd S.M. Sircar Conference 2013 of the Plant Physiology Forum at the Botany Department, Calcutta University on 12th August 2013.
10. Delivered Project related presentation on "Airborne microbiota over solid waste dumping site in Imphal, Manipur and their impact on human health" at the DBT office, Govt. of India, New Delhi on 3rd September 2013.
11. Delivered Invited Lecture on "Genesis of Science Education in India" at Meet the Scientist Programme of the XXVI Training Programme on Science Communication and Media Practice sponsored by the DST, Govt. of India, New Delhi organized by the Indian Science News Association, Kolkata from 9th July to 21st September 2013.
12. Delivered Lecture as Guest of Honour at the Three-Day Annual Festival of the Bolpur High School, Bolpur on 6th October 2013.
13. Attended the Programme on "Asia's First Nobel - A few Song Offerings from Gitanjali" in presence of the Hon'ble President of India and Paridarsaka, Visva-Bharati on 11th October 2013 at Lipika Auditorium, Santiniketan
14. Attended and participated the National Conference on "Frontiers in Algology and Algal Biotechnology (NCFAAB 2013)" at the Palli Siksha-Bhavana, Visva-Bharati, Sriniketan from 15-17 November 2013.

15. Delivered welcome address and introductory remarks at the 78th Annual General Meeting of the Indian Science News Association at the Bose Institute, Kolkata on 26th September 2013.
16. Participated the 5th Youth Science Congress at Santiniketan from 6-9th December 2013 organized by the MSSRF, SRM University, Rajib Gandhi National Institute of Youth Development and Visva-Bharati, Santiniketan and chaired the scientific session on Biological sciences..
17. Attended and presented the Treasurer's report at the Annual General Meeting of the West Bengal Academy of Science & Technology at the IICB, Kolkata on 17th December 2013.
18. Presided over the inaugural session and delivered Invited Lecture on " Tagore and Library" at the DST INSPIRE INTERNSHIP Winter Camp -organised by the Integrated Science Education & Research Centre, Visva-Bharati, Santiniketan on 13th January 2014.
19. Delivered Keynote address as Chief Guest at the Inaugural Session of the UGC sponsored National Symposium "Environmental Degradation and its impact on germplasm with special reference to North East India" at the Botany department, D.K. College (Gauhati University), Mezia, Assam on 23rd January 2014.
20. Attended the programme to commemorate the occasion of awarding medal and diploma of the Nobel Prize to Gurudev Rabindranath Tagore at the Rajbhavan, Kolkata on 29th January 2014.
21. Delivered inaugural address at the Extension Programme of the Centre for Mathematics Education at the Silut Basantpur High School, Burdwan on 30th January 2014 and chaired the First Technical session.
22. Delivered lecture as Guest of Honour at the Golden Jubilee Celebration Programme of Satyanarayana Girls'High School, Labpur on 10th February 2014.
23. Attended the Orientation Programme on "Rabindranath and Santiniketan" on 23rd February 2014 organised by the BOS in Tagore studies, Rabindra-Bhavana, Santiniketan.
24. Delivered Presidential address at the Inaugural programme of the International Conference on Environmental Biology and Ecological Modelling (ICEBEM 2014) and chaired the Scientific session-II (Ecological Modelling and Field Ecology) on 24th February 2014 at Santiniketan organized by the CAS Department of Zoology, Visva-Bharati.
25. Delivered welcome address and lecture at the National Seminar on "Science & Technology Policy: The need for state specific appraisal" at the Bose Institute, Kolkata on 26th February 2014 organised by the Indian Science News Association, Kolkata.
26. Delivered Presidential address at the Inaugural programme of the National Workshop on "Mathematics Teaching under Semester system at Undergraduate level: Perspectives and Strength" on 1st March 2014 at Santiniketan.
27. Delivered Presidential address at the UGC SAP DRS National Seminar on "Recent Advances in Chemistry" at the department of Chemistry, Visva-Bharati, Santiniketan on 9th March 2014.
28. Presided over the inaugural session and delivered Invited talk on "Plants, Environment and Human Health" at the Workshop on "Plant Diversity: Utilization and Climate Change" on 19th March 2014 at Santiniketan.
29. Delivered lecture as Chief Guest at the National Conference on RAMEM 2014 at the Bengal Institute of Management, Santiniketan on 22nd March 2014.
30. Delivered valedictory address at the 3-Day Residential Field Training Programme "Identification of common Plants" organized by the West Bengal Biodiversity Board, Dept. of Environment(Govt. of W.B.), BSI (Govt. of India) and Visva-Bharati at Santiniketan on 24th March 2014.
31. Inaugurated the UGC DRS sponsored National Seminar on "Recent Perspectives on Nonlinear Mathematics and its applications" on 25th March 2014 at the department of Mathematics, Visva-Bharati, Santiniketan.
32. Delivered Inaugural address and chaired the session at the UGC DRS Seminar on "Biodiversity and Sustainable Development" at the department of Botany, Visva-Bharati, Santiniketan, on 28th March 2014.

C. Academic Distinctions:

1. Joined as Adhyaksha (Dean), Siksha-Bhavana (Institute of Science), Visva-Bharati, Santiniketan on 1st January 2014.
2. Vice-President and Executive Council Member, Plant Physiology Forum, Kolkata

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3. Honorary Secretary and Executive Council Member, Indian Science News Association, Kolkata.
4. Honorary Treasurer and Executive Council Member, West Bengal Academy of Science & Technology, Kolkata.
5. President (Honorary), Birbhum Banabani Chetana Udyog, Bolpur.
6. Expert Member of the QRT (Quinquennial Review Team) of Sorghum and All India Sorghum Improvement Project of the Indian Council of Agricultural Research (ICAR), New Delhi (2012-2013).
7. Expert Member, Technical Advisory Committee (TAC) of Library, Documentation and Information Sciences Division of the Indian Statistical Institute, Kolkata.
8. Expert Member of the Committee for Assessment of the Promotion/Career Advancement & Screening -cum- Assessment/F.C.S. of the Bose Institute, Kolkata.
9. Expert Member, Selection Committee for the posts of Assistant Professor/Associate Professor/Professors of different Universities/ Institutions.
10. Invited Speaker to deliver special lecture at the DST INSPIRE INTERNSHIP Winter Camp- 2014 organised by the Integrated Science Education & Research Centre, Visva-Bharati, Santiniketan from 13-17th January 2014.
11. Member, Organising Committee of the XXVII Training Programme on Science Communication and Media Practice 2013 of the Indian Science News Association, Kolkata sponsored by the Department of Science & Technology, Govt. of India, New Delhi.
12. Editorial Advisory Board and Review Member of the Journals: (a) Science and Culture, (b) Journal of Current Sciences, (c) Indian Journal of Environment & Ecoplanning, (d) International Journal Mendel, (e) Indian Journal of Landscape Systems and Ecological Studies, (f) Everyman's Science, (g) Nucleus, (h) Bangladesh Journal of Botany and (i) Brazilian Journal of Microbiology.
13. External Member, Board of Studies in Botany of the North Eastern Hill University, University of Burdwan and Gour Banga.
14. Chairman/Chief Guest/President/Keynote speaker in different National level Seminar/Conference/Workshops in different parts of India.
15. Moderator and External Examiner for Ph.D., M.Phil. and M.Sc. of the Universities like Assam, Burdwan, Kalyani, Calcutta, Gauhati, North Orissa, North Eastern Hill University, Sambalpur, Utkal and Vidyasagar.

D. Research publications:

1. Mandal, S. (2013). Library, Tagore and Copyright. In A Discourse on Reprographic Rights and Copyright: Contemporary Facets (Eds. D.K. Sinha et al.). Publ. Indian Statistical Institute (ISBN: 978-81-927468-0-7), Kolkata, pp.11-17.
2. Biswas, K., Mondal, S, and Mandal, S. (2013). Role of some nutrients on in vitro pollen germination of *Solanum torvum* Swartz. *Cibtech Journal of Bio-Protocols*, 2(1): 32-38.
3. Biswas, K., Mondal, S, and Mandal, S. (2013). Floral biology and pollination of *Solanum sisymbrium* Lamk. *Int. Jour. Curr. Res.* , 5(6): 1429-1433.
4. Biswas, K., Mondal, S, and Mandal, S. (2013). Floral biology and pollen dispersal of *Caesalpinia crista* L. In *Medicinal Plants: Various Perspectives* (Eds. J.P. Keshri & R. Mukhopadhyay), Publ. The University of Burdwan, pp.277-282.
5. Bhattacharya, K. and Mandal, S. (2013). Study of diversity of the dicotyledonous medicinal plants of the district of Burdwan, West Bengal. *Int. Jour. Curr. Res.*, 5(7): 1635-1643.
6. Choudhury, S., Rahaman, C.H., Mandal, S. and Ghosh (2013). Folklore knowledge on medicinal usage of the trial belt of Birbhum district, West Bengal, India. *Int. Jour. Botany and Research*, 3(2): 43-50.
7. Choudhury, S., Rahaman, C.H. and Mandal, S. (2013). Pharmacognostic and antimicrobial studies of *Trichosanthes cucumerina* L. - A medicinal plant of Cucurbitaceae. In *Medicinal Plants : Various Perspectives* (Eds. J.P. Keshri & R. Mukhopadhyay), Publ. The University of Burdwan. pp. 142-156.
8. Maithy Roy, A., Banerjee, N. and Mandal, S. (2013). Studies on alkaloid yield in mutants of *Catharanthus roseus* (L.) G.Don. through character correlation and path analysis. *Elixir Applied Botany*, 64: 19193-19198.

Samit Ray

5-6 September 2013: Rabindranath Tagore and Sarvapalli Radhakrishnan in Indian Education organised by Vinaya-Bhavna, Visva-Bharati.

19- 26 November 2013: Cryptogams- From Curriculum to Application organised by Probir Chatterjee Research Foundation in collaboration with Department of Botany, V.B. delivered lecture and hands on training in Bryophytes.

January 2014: DST-INSPIRE Internship winter camp at Visva-Bharati - Classification of living world. Sponsored by DST, Govt. Of India.

28 March 2014: Colloquium at Dept. of Biotechnology, Burwan University, entitled "Vistas in Biotechnology" - Algal Biotechnology sponsored by DBT, Govt. of India.

6- 9 December 2013: 5th Indian Youth Science Congress, Visva-Bharati, Santiniketan -lecture on "Youth Development".

Kashinath Bhattacharya

27 October 2013: Delivered an invited lecture entitled 'Role of pollen grains in causing respiratory allergy' in the 3rd National Conference on Respiratory Allergy and Immunology, organised by Allergy and Asthma Research Centre, Kolkata.

18 December 2013: The 18th Prof. A.K. Ghosh Memorial Lecture on 'Origin and Evolution of Life- A Logical Approach', organised by Botanical Society of Bengal in Botany Department, Calcutta University.

3- 7 February 2014: Attended and presented an invited lecture entitled 'Pollen grains constitute atmospheric biopollutants causing human respiratory allergy' in the 101st Indian Science Congress (Section: Environmental Sciences) held at Jammu University, Jammu.

19 March 2014: Delivered an invited lecture in a two-day Workshop on Plant Diversity: Utilization and Climate change held in Visva-Bharati.

26 April 2014: Delivered an invited lecture entitled, 'Pollen analysis - Recent and Sub-recent' in the Workshop IV (Topic: Hands-on Training on Palaeobotanical and Palynological Techniques) organised by Centenary Celebration Committee, Department of Botany, Calcutta University.

Nirmalya Banerjee

6- 9 December 2013: Participated in 5th Indian Youth Science Congress Organized by MSSRF, SRM University, Rajiv Gandhi National Institute of Youth Development and Visva-Bharati.. Also chaired a session.

19-20 March 2014: Made a presentation in workshop on "Plant diversity: Utilization and Climate change" organized by Visva-Bharati, Santiniketan.

28 March 2014: Participated and chaired the seminar on "Biodiversity and Sustainable Development" Organized by Visva-Bharati, Santiniketan.

Rup Kumar Kar

28 February- 02 March 2014: National Conference on Current Trends in Life Sciences Research and Challenges Ahead organized by School of Life Sciences, Sambalpur University, Odisha. Plenary Lecture on 'Reactive oxygen species: New face revealed'.

07- 10 March 2014: International Symposium on "Plant Signaling and Behavior" organized by The Society of Plant Signaling & Behavior and Department of Botany, Delhi University, Delhi. Oral presentation on "Reactive oxygen species (ROS)-mediated growth and gravisensitivity of embryonic axes during germination of Vigna radiata seeds".

Narayan Chandra Mandal

6- 9 December 2013: Participated in 5th Indian Youth Science Congress Organized by MSSRF, SRM University, Rajiv Gandhi National Institute of Youth Development and Visva-Bharati.. Acted as one of the organisers and the coordinator of Registration desk.

Subrata Mondal

" 6- 9 December 2013: Participated and presented work in 5th Indian Youth Science Congress Organized by MSSRF,

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SRM University, Rajiv Gandhi National Institute of Youth Development and Visva-Bharati.

Chowdhury Habibur Rahaman

22-23 November 2013: "Environmental Issues: Protection, Conservation & Management" organized by the Department of Environmental Studies, Visva-Bharati. Made an oral presentation on 'Quantitative Ethnobotanical Research in Conservation and Management of Plant Resources :The Indian Scenario'.

5-6 December 2013: Participated and delivered an invited lecture on 'Bioprospecting of Natural Products' organized by the Department of Zoology, The University of Burdwan. Delivered an invited lecture on 'Ethnobotany and Bioprospecting of Natural products - A review with reference to Ethnobotany of Birbhum district, West Bengal, India'.

27-29 December 2013: XXIII Annual Conference of Indian Association for Angiosperm Taxonomy on "Recent Advances in Plant Taxonomy Research" organized by Department of Botany, Rastrasant Tukadoji Maharaj Nagpur University. Made an oral presentation on 'Quantitative Ethnobotanical Research in India : An overview'. Also acted as Judge in a technical session.

7-9 March 2014: International Congress of The Society for Ethnopharmacology on " Globalization Traditional Medicine : Present and Future Prospects" organized by Faculty of Pharmacy, Sri Ramachandra University, Porur, Chennai. Oral presentation on " Ethnomedicinal plant resources of Laterite zone of West Bengal: A quest for its Bioprospecting potentialities".

19-20 March 2014: Joint organizing Secretary in the "Two-day Workshop on Plant diversity: Utilization and Climate change" organized by Visva-Bharati, Santiniketan. Also made a presentation in the workshop.

22-24 March 2014: 3-Day residential Field Training Programme on "Identification of Common Plants" organized by West Bengal Biodiversity Board, Department of Environment, Govt. of West Bengal in collaboration with Botanical Survey of India, GOI & Visva-Bharati held at Department of Botany, Visva-Bharati. Acted also as an expert.

29 December 2013: Acted as Judge in a technical Session of the XXIII Annual Conference of Indian Association for Angiosperm Taxonomy on "Recent Advances in Plant Taxonomy Research" organized by Department of Botany, Rastrasant Tukadoji Maharaj Nagpur University.

Soma Sukul nee Chunari

3- 4 September 2013: 'New homeopathic potencies promote plant growth and development' and 'Cuprum Sulphuricum - a homeopathic drug can combat toxic effect of Cu, promote seed germination and peroxidase activity in *Vigna unguiculata* L' in XXVII GIRI Symposium, Bern, Switzerland.

6- 9 December 2013: 5th Indian Youth Science Conference, Visva-Bharati, Santiniketan.

Adani Lokho

22-24 March 2014 : Three days residential field training programme on 'Identification of Common Plants' at Visva-Bharati, Santiniketan. Participated as expert.

Hema Gupta (Joshi)

27 March 2014: Science Seminar Lecture Series (2014) organized by Siksha-Bhavana, Visva-Bharati. Presentation on 'Vegetation structure and soil N-transformation rates in two dry deciduous forests of West Bengal'.

Bomba Dam

6-9 December 2013: 5th Indian Youth Science Congress at Visva-Bharati, Santiniketan. Actively participated and acted as Rapporteur of a scientific session.

27 March 2014: Science Seminar Lecture Series (2014) organized by Siksha-Bhavana, Visva-Bharati. Presentation on 'RNA-Seq: A Novel Approach for Global Transcriptome Analysis'.

Satish Kumar Verma

6-9 December 2013: 5th Indian Youth Science Congress at Visva-Bharati, Santiniketan, West Bengal from 6-9 December 2014; Actively participated and acted as evaluator for Life science Oral and Posters session.

22- 24 March 2014 : 'Identification of common plants' at Visva-Bharati, Santiniketan organised by West Bengal Biodiversity Board; Actively participated as expert.

Nandalal Mandal

6-9 December 2013: 5th Indian Youth Science Congress jointly organized by MSSRF, SRM University, Rajiv Gandhi National Institute of Youth Development and Visva-Bharati and held at Visva-Bharati, Santiniketan, West Bengal from 6-9 December 2014; Actively participated and acted as evaluator for Life science Oral and Posters session.

(b) National and International Standard Conferences/Symposia/Workshops attended by Research Scholars/Associates:

The following Research Scholars/Associates attended various seminars and workshops:

Jaladhar Pal, Tustu Mondal, Anirban Paul, Sumana Aditya, Jeeta Sarkar, Satyajit Das, Lily Pal, Anindita Mukherjee, Sucheta Das, Ranjan Ghosh, Soma Barman, Ramanjan Ghanta, Megha Dutta Mudi, Bandana Pradhan, Uday Das, Swarnendu Mondal, Suman Kalyan Mandal, Sathi Saha, Kumaresh Pal, Suman Karmakar, Partha Ghosh, S, Biswas, J. Sutradhar, Sangita Ganguli, Subhajit Mondal.

Ongoing Research Projects in the Department:

Samit Ray

Project entitled "Prospecting chemicals components from Cyanobacteria to deal with UV radiation" sponsored by CSIR (completed in Sept. 2013); Amount Rs. 25.0 lakh.

Kashinath Bhattacharya

Project entitled "Preparation of People's Biodiversity Register (PBR) of Birbhum district, West Bengal" funded by West Bengal Biodiversity Board, Ministry of Environment & Forests, Govt. of West Bengal; Amount: Rs. 4.56 lakh (as PI).

Project entitled "Identification and immunochemical characterization of fungal spore allergens of West Bengal"; funded by UGC, Govt. of India; Amount: Rs 12,80,300 (as PI).

Nirmalya Banerjee

Project entitled "In vitro propagation and conservation of some rare and endangered species of Vanda and assessment of their genetic fidelity through molecular techniques"; funded by UGC, Govt. of India; Amount: Rs 7, 36,300 (as PI)

Rup Kumar Kar

Project entitled "Interaction of reactive oxygen species and ethylene in regulating axis growth during seed germination" funded by UGC, Govt. of India; Amount: Rs. 10.62 lakh (as PI).

Narayan Chandra Mandal

Project entitled "Assessment of Anti-Fungal Activity of the Extracts of a Plant of North East Institute of Science & Technology (CSIR) and Searching for its Probable Mechanism of Action" funded by CSIR, Govt. of India; Amount: Rs. 20 lakh (as PI).

DBT-Twinning Project entitled "An Ethno-Botanical Survey of Indigenous Angiosperm Flora of Tripura and Assessment of Antimicrobial Potentials of those Plants" funded by DBT, Govt. of India; Amount: Rs. 34.10 lakhs (14.5 lakhs for Visva-Bharati) (as PI).

Subrata Mondal

Project entitled "Pollination ecology of some species of Euphorbiaceae" funded by UGC, Govt. of India; Amount: Rs. 11,65,800 (as PI).

Chowdhury Habibur Rahaman

Project entitled "Inventorization and documentation of ethnomedicinal plants from Laterite zone of West Bengal with special reference to Bioprospecting of selected plant species" funded by UGC, Govt. of India; Amount: Rs. 11.58 lakh (as PI).

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Project entitled "Quantitative Ethnobotany, Conservation Priorities and Sustainable utilization of Medicinal Plants of Birbhum district, West Bengal with reference to Biological activity studies of some lesser known root drugs" funded by Department of Science and Technology, Govt. of West Bengal, Kolkata; Amount: Rs. 16.19 lakh (as PI).

Soma Sukul nee Chunari

Project entitled "A study of the mechanism of action of homeopathic potencies through plant models" funded by Dr. Bholanath Chakraborty Memorial Trust, Howrah-1. (Feb. 2013- Feb. 2016).

Bomba Dam

Project entitled, "Shift in microbial community structure in poultry (chicken) gut along its growth phase with special emphasis to their antibiotic resistance capability" sanctioned under the Young Scientists Scheme by SERB (Sanction No. SB/YS/LS- 16/2013). Amount: 23.9 Lakh (as PI). 2013-16.

Surendra Kumar Gond

Project entitled "Bioprospecting of endophytic fungi from *Rauvolfia serpentina* for reserpine and antimicrobials from West Bengal, India" funded by UGC, Govt. of India; Amount: Rs. 6.0 lakh (as PI).

Academic distinctions gained by Teachers/Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.):

Kashinath Bhattacharya

Elected as President of Environmental Sciences Section of the Indian Science Congress, 2014-15.

Elected as President of Indian Aerobiological Society for 2012-14.

Core Member, INDSUBIO (Indian Sub-Continent Biomization) Project under the auspices of IGBP (International Geosphere Biosphere Programme) headed by Prof. Sandy Harrison, Bristol University.

Member of Editorial Board: i) Indian Journal of Aerobiology, ii) Everyman's Science

Member of Board of Studies, Dept. of Environmental Sciences, Burdwan University.

Reviewer the following journals:

Quaternary Research - Springer; Review of Palaeobotany and Palynology- Elsevier; Aerobiologia- Springer; Grana-Taylor & Francis; Indoor & Built Environment- Karger; Current Science - India: Science & Culture- India; Journal of Indian Botanical Society- India and many other On Line Journals.

Nirmalya Banerjee

Member of Board of Research Studies in the Departments of Botany and Microbiology and Botany.

Reviewer of International journals (Plant Cell Tissue and Organ Culture, Plant Cell Reports, Genetica, Cytologia, Chromosoma, African Journal of Biotechnology, Indian Journal of Biotechnology).

Member of Selection committee of Burdwan University, Vidyagar University, Calcutta University, Bidhan Chandra Krishi Viswavidyalaya, Dibrugarh University, Tripura University.

Acted as Chairman, Admission Co-ordination Cell, Visva-Bharati.

Co-ordinator/ Director, Internal Quality Assurance Cell, Visva-Bharati.

Rup Kumar Kar

Member of the Editorial Board of journals (a) World Journal of Agricultural Science (IDOSI) (b) Journal of Theoretical and Experimental Biology (Elius Academic Publishers).

Reviewer of International Journals (Protoplasma, Plant Growth Regulation, Journal of Agricultural Science and Technology, Journal of Agronomy and Crop Science)

Narayan Chandra Mandal

Supervised Indian Academy of Sciences Summer Fellow Programme

Evaluator of Govt. funded projects of CSIR (GoI), ICMR and DST (GoWB)

Review of research papers of several journals such as 3-Biotech, African Journals, Process Biochemistry, IJBB, Bioresource Technol

External Member, M.Tech. Programme of NIT, Durgapur

Acted as Resource person in Refreshers Courses in Jadavpur University

Expert Member, Commission of Scientific and Technical Terminology, GoI, for preparing Botany Glossary in Hindi and other regional languages

External expert member of Board of Research Studies in University of Gour Banga

External expert member of Board of Studies (UG) of Plant Protection of Burdwan University.

Bomba Dam

Member of the Editorial Board of the International Journal, "Microbiological Research", Elsevier.

Member of the Editorial Board of the International Journal, "Microbes and Health", Bangladesh Society for Veterinary Microbiology and Public Health.

Surendra Kumar Gond

Visiting scientist at Department of Plant Biology and Pathology, Rutgers University, NJ, USA since 18/12/2013 to 17/12/2014

Department as a whole

Received Level-I DST-FIST grant (Rs. 150.00 lakh).

Publications within the year April 2012- March 2013:

Samit Ray

Bhattacharya, S., Rath, J. and Ray, S. (2013). Bhattacharya, S., Rath, J., and Ray, S. 2013. Cyanobacteria of soil-crust from forest soils of Birbhum district, West Bengal - distribution of species in relation to soil-parameters. *Phykos*, 43 (20):1-8.

Bhattacharya, S., Rath, J. and Ray, S. (2013). Effect of pH and varying concentration of nitrate, phosphate and iron on morphology, growth and nitrogenase activity in a soil-crust cyanobacteria *Scytonema coactile* Montagne ex Born et Flah. *Phytomorphology*, 63 (3&4): 101-111.

Bhattacharya, S., Rath, J. and Ray, S. (2014). Species composition of soil-crust cyanobacteria in red soil zone of the district Birbhum, West Bengal: a comparison with alluvial zone, *Indian Hydrobiology*, 16 (2): 87-98.

Roy, S., Debnath, M. and Ray, S. 2014. The study of Cyanobacterial flora from the geothermal spring at Panifala, West Bengal, India, *Phykos*, 44 (1): 1-8.

Roy, S., Bhattacharya, S., Debnath, M. and Ray, S. 2013. Diversity of cyanobacterial flora of geothermal springs of Bakreswar, West Bengal, India - II. *Algological studies* (In press).

Kashinath Bhattacharya

Hussain M. M, Mandal J. & Bhattacharya K. 2013. Airborne load of *Cassia* pollen in West Bengal. Eastern India : its atmospheric variation and health impact. *Environmental Monitoring and Assessment*. 185: 2735-2744. DOI 10.1007/s10661-012-2744-4. Springer Science + Business Media B.V

Chakraborti T., Barman S., Mandal, N. C. & Bhattacharya K. 2014. Evaluation of antibacterial potential of some Indian honey samples against throat and skin infective pathogens. *International Journal of Current Microbiology & Applied Science*. 3(1): 362-369; ISSN 2319-7706

Hussain M. M, Mandal J. & Bhattacharya K. 2014. Aerobiological, clinical and immunochemical studies on *Alstonia scholaris* pollen from Eastern India. *Environmental Monitoring and Assessment*. DOI 10.1007/s10661-013-3390-1. Springer Science + Business Media B.V

Gupta V.K., Simlai A., Tiwari M., Bhattacharya K. & Roy A. 2014. Phytochemical contents, antimicrobial and antioxidative activities of *Solanum sisymbriifolium*. *Journal of Applied Pharmaceutical Science*. 4 (03): 075 - 080. DOI 10.7324/JAPS.2014.40315. ISSN 2231-3354

Ch-II

Nirmalya Banerjee

Naha, S., Mondal, T., and Banerjee, N. (2013): Asymbiotic seed germination and seedling development of *Vanda testacea* (Lindl.) Reichb. f.: An in vitro approach for optimization of cultural requirements for a medicinally important rare orchid. *International Journal of Current Research*, 5(4): 1006-1011. ISSN: 0975-833X.

Mondal, T., Aditya, S., and Banerjee, N. (2013): In vitro Axillary Shoot Regeneration and Direct Protocorm like Body Induction from Axenic Shoot Tips of *Doritis pulcherrima* Lindl. *Plant Tissue Culture & Biotechnology*, 23(2): 251-261. ISSN: 1817-3721.

Maithy Roy A., Banerjee N. and Mandal S. (2013): Studies on alkaloid yield in mutants of *Catharanthus roseus* (L.) G. Don. through character correlation and path analysis. *Elixir Applied Botany*, 64:19193-19198. ISSN 2229-712X.

Chaudhary B., Chattopadhyay P., Banerjee N. (2014): Modulations in seed micromorphology reveal signature of adaptive species-diversification in *Dendrobium* (Orchidaceae). *Open Journal of Ecology*, 2 (4): 33-42. ISSN: 2162-1993.

Pal P. K., Arefin M. B. and Banerjee N. (2014): In vitro regeneration of *Hygrophila schulli* (Buch. Ham) M.R. & S.M. Almedia through callus mediated somatic embryogenesis. *International Journal of Current Research* 4 (6): 5997-6002. ISSN: 0975-833X.

Rup Kumar Kar

R.K. Kar, Parvin, N. and D. Laha. 2013. Differential role of ethylene and hydrogen peroxide in dark-induced stomatal closure. *Pakistan Journal of Biological Sciences*, 16 (24): 1991-1996. ISSN 1028-8880/DOI: 10.3923.1991.1996

Chaudhuri, A., K.L. Singh and R.K. Kar. 2013. Interaction of hormones with reactive oxygen species in regulating seed germination of *Vigna radiata* (L.) Wilczek. *Journal of Plant Biochemistry & Physiology*, 1: 103. doi:10.4172/jpbp.1000103.

Das, S. and R.K. Kar. 2013. Role of hormones in differential growth responses of mung bean, *Vigna radiata* L. Wilczek, seedlings under water stress. *Journal of Theoretical and Experimental Biology*, 10 (1 and 2): 57-65. ISSN 0972-9720.

Narayan Chandra Mandal

Mandal, V., Sen, S.K. and Mandal, N.C. (2013), Production and partial characterisation of an inducer-dependent novel antifungal compound(s) by *Pediococcus acidilactici* LAB 5. *J. Sci. Food Agric.* (Wiley online library.com). DOI 10.1002/jsfa.6055. Impact factor- 1.759

Bhowmik, S., Datta, B.K., Basu Sarbadhikary, S. and Mandal, N.C. (2013) Contribution to the less known ethnomedicinally plants used by Munda and Santal Community of India with their ethnomedicinal justification. *World Applied Sciences Journal* 23: 1408-1417. (ISSN No.:1818-4952)

Bhattacharya, S.S., Barman, S., Ghosh, R., Duary, R.K., Goswami, L. and Mandal, N.C. (2013) Phosphate solubilizing ability of *Emericella nidulans* strain V1 isolated from vermicompost. *Indian J. Exp. Biol.* 51: 840-848. IF: 1.37

Bhowmik, S., Datta, B.K. and Mandal, N.C. (2014) Traditional usage of medicinal plants among the Mog community people and their chemical justification. *Acta Biologica Indica* 2: 361-366

Bandyopadhyay, B. and Mandal, N.C. (2014) Probiotics, Prebiotics and Synbiotics- In Health Improvement by Modulating Gut Microbiota: The Concept Revisited. *International Journal of Current Microbiology and Applied Sciences* 3: 410-420. (ISSN No.: 2319-7706). IF: 1.54

Chakraborti, T., Barman, S., Mandal, N.C. and Bhattacharya, K. (2014) Evaluation of antibacterial potential of some Indian honey samples against throat and skin infective pathogens. *International Journal of Current Microbiology and Applied Sciences* 3: 362-369. (ISSN No.: 2319-7706). IF: 1.54

Brahmachari, G., Mandal, N.C., Rajiv Roy, Ghosh, R., Barman, S., Sarkar, S., Jash, S.K. and Mandal, S. (2013) A new pentacyclic triterpene with potent antibacterial activity from *Limnophila indica* Linn. (Druce). *Fitoterapia* 90: 104-111. (Elsevier) IF: 2.37

Mukhopadhyay, S., Barman, S., Mandal, N.C., Bhattacharya, S. (2014) *Indian J. Exp. Biol.* NISCAIR, CSIR. In Press. IF: 1.37

Goswami, L., Sarkar, S., Mukherjee, S., Das, S., Barman, S., Paul, P., Bhattacharya, P., Mandal, N.C., Bhattacharya, S. and Bhattacharya, S.S. (2014) Vermicomposting of tea factory coal ash: metal accumulation and metallothionein response

in *Eisenia fetida* (Savigny) and *Lampito mauritii* (Kinberg). Bioresource Technol (Elsevier) In Press. IF: 5.17

Das, S and Mandal, N. C. (2013) Role of a *Lactobacillus* species (M8) in food preservation, In "New Horizons in Biotechnology" (DST Sponsored National Seminar), ISBN 978- 81- 927768- 0- 4, p150-156.

Subrata Mondal

Ghanta, R. and Mondal, S. (2013). Effect of some nutrients on In Vitro Pollen germination of *Crescentian cujete* L. Cibtech journal of Bio-Protocols. 2 (1). 1-7.

Biswas, K. Mondal, S. and Mandal, S. (2013). Roll of Some nutrients on in-vitro pollen germination of *Solanum torvum* Swartz. Cibtech journal of Bio-Protocols. 2 (1). 32-38.

Ghanta, R. and Mondal, S. (2013). Effect of some nutrients on In Vitro Pollen germination of *Withania somnifera* (L.) Dunal. Annals of Plant Science. 2 (6). 182-187

Biswas, K. Mondal, S. and Mandal, S. (2013) Floral Biology and pollination of *Solanum sisymbriifolium* Lamk. International Journal of Current Research. 5 (6). 1429-1433.

Ghanta, R. and Mondal, S. (2013). In Vitro studies on pollen germination of *Abroma augusta*. Advances in pollen spore research. 30. 61-68.

Chowdhury Habibur Rahaman

Saha, S. and Rahaman, C.H. Pharmacognostic and anatomical studies of *Antigonon leptopus* Hook. & Arn. - A promising medicinal climber, International J. Res. Ayurveda & Pharmacy, Vol. 4, No. 2, 2013: 186- 191. ISSN 2229-3566.

Pal, K. and Rahaman, C.H. Studies on Foliar Epidermal Micromorphology, Vegetative Anatomy and Xylem Elements of four members of Portulacaceae, International Journal of Current Research, Vol. 6, No. 02, 2014:4968-4975. ISSN 0975-833X3.

Das, U. and Rahaman, C.H. An observation on the phytotherapeutic uses of plants by the tribal people of some forest areas in Birbhum and Burdwan districts, West Bengal, India, J. App. Pharm. Sci. , Vol. 4, No. 04, 2014: 072-078. ISSN 2231-3354.

Choudhury, S., Rahaman, C.H. and Mandal, S. "Pharmacognostic and antimicrobial studies of *Trichosanthes cucumerina* L. - A Medicinal plant of Cucurbitaceae" In Medicinal Plants: Various Perspectives eds. J.P.Keshri & R.Mukhopadhyay. Burdwan :The University of Burdwan, 2012 :142- 156. ISBN: 81-87259-85-X, published in April, 2013.

Soma Sukul nee Chunari

Banerjee Poushali, Sukul Soma. 2013. 'Cuprum Sulphuricum - a homeopathic drug can combat toxic effect of Cu, promote seed germination and peroxidase activity in *Vigna unguiculata* L.', Proceedings of the XXVII GIRI Symposium; 2013Sep03-04; Bern (Switzerland), Int J High Dilution Res; 12(44):129-130.

Sukul Soma, Sukul Nirmal Chandra, Mondal Sandhimita, Sukul Anirban. 2013. 'New homeopathic potencies promote plant growth and development', Proceedings of the XXVII GIRI Symposium; 2013Sep03-04; Bern (Switzerland), Int J High Dilution Res; 12(44):98-99.

Adani Lokho

Lokho, A. 2013: 'Diversity of *Dendrobium* Sw. Its Distributional Patterns and Present Status in the Northeast India', International Journal of Scientific and Research Publications, Vol. 3, Nos. 5 May 2013, ISSN: 2250-3153.

Lokho, A. 2013: 'The Folk Medicinal Plants of the Mao Naga in Manipur, North East India', International Journal of Scientific and Research Publications, Vol. 2, Nos. 6 June 2013, ISSN: 2250-3153.

Eshuo, K. Lokho, A. and Doulo, V. 2013. 'Morpho-Taxonomic Studies on Genus *Radula* Dumort (Radulaceae: Hepaticae) from Nagaland, North East India', Indian Journal of Plant Sciences, Vol. 2, Nos. 2(3), 66-72. July-September 2013, ISSN: 2319-3824.

Hema Gupta (Joshi)

Nag, A. & H. Gupta (Joshi). A physicochemical analysis of some water ponds in and around Santiniketan, West Bengal, India. International Journal of Environmental Sciences vol. 4(5) Integrated Publishing Association, 2014: 676-682. ISSN 0976 - 4402

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Gupta Joshi, H. & M. Ghose. Community structure, species diversity and aboveground biomass of the Sundarbans mangrove swamps. Tropical Ecology vol. 55(3) International Society for Tropical Ecology, Varanasi, Banaras Hindu University, 2014: 283-303. ISSN 0564-3295

Bomba Dam

Dam B, Dam S, Kim Y, Liesack W. (2014) Ammonium induces differential expression of methane and nitrogen metabolism-related genes in *Methylocystis* sp. strain SC2. Environmental Microbiology. (Impact factor: 5.76).

Surendra Kumar Gond

Gond S.K., Mishra A., Sharma V.K., and Kharwar R.N. (2013) Isolation and characterization of antibacterial naphthalene derivative from *Phoma herbarum*, an endophytic fungus of *Aegle marmelos*. Current Science 105: 167-169.

Verma S.K., Gond S.K., Mishra A., Sharma V.K., Kumar J, Singh D.K., Kumar A., Goutam J., and Kharwar R.N. (2013) Impact of environmental variables on the isolation, diversity and antibacterial activity of endophytic fungal communities from *Madhuca indica* Gmel. at different locations in India. Annals of Microbiology DOI 10.1007/s13213-013-0707-9.

Kumar A., Gond S.K., Mishra A., Sharma V.K., Verma S.K. and Kharwar R.N. (2013) Role of different variables on site-specific isolation and distribution patterns of soil Mycoflora from Varanasi. Vegetos 26 (1): 88-95.

Satish Kumar Verma

Satish K. Verma, S. K. Gond, A. Mishra, V. K. Sharma, J. Kumar, D. K. Singh, A. Kumar, J. Goutam & R. N. Kharwar. Impact of environmental variables on the isolation, diversity and antibacterial activity of endophytic fungal communities from *Madhuca indica* Gmel. at different locations in India. Annals of microbiology (2013) DOI 10.1007/s13213-013-0707-9. ISSN: 1590-4261 (print) ISSN: 1869-2044 (electronic) (Impact Factor- 1.55)

Anuj Kumar, S K Gond, A Mishra, V K Sharma, Satish K. Verma and, R N Kharwar. Role of Different Variables on Site-Specific Isolation And Distribution Patterns of Soil Mycoflora from Varanasi. Vegetos (2013) 26 (1) : 88-95. ISSN: 2229-4473(Online) ISSN: 0970-4078(Print) (Impact factor 0.019)

Surendra K. Gond, Ashish Mishra, Vijay K. Sharma, Satish K. Verma, Ravindra N. Kharwar. Isolation and characterization of antibacterial naphthalene derivative from *Phoma herbarum*, an endophytic fungus of *Aegle marmelos*. Current Science (2013) Vol. 105, No. 2. ISSN: 0011-3891 (Impact factor 0.935)

Nandalal Mandal

Amod Kumar and N.L. Mandal (2013) Post-storage changes in mineral contents of different varieties of wheat grains. Communicated to jibs

K. Roy, N. L. Mandal and Sweta Roy (2013) Mycotoxins And Mycotoxicoses - An Overview, published Editor BN Chakraborty NBU, Siliguri.

A brief history on the development of the Vibhaga concerned with an indication of the future plans for development:

Department of Botany, Visva-Bharati has started undergraduate course in Botany in 1965 and postgraduate course in Botany in 1969. Later, School of Life-Science developed along with Zoology Department and curriculum has been modified accordingly. In view of current thrust on biotechnological approach in all spheres, a postgraduate course in Biotechnology has also been introduced in 1997 under the School of Life Science involving both the Department of Botany and Zoology and other science departments. In future Department is planning to develop further the research activities and introduce new courses in the demanding areas of modern science. Teachers of the Department are taking all measures to upgrade the syllabus and include modern techniques in their practical classes.

DEPARTMENT OF STATISTICS

The department was established in the year 1999 with under graduate studies. Post graduate studies started in the year 2003. Currently, it offers B.Sc. (Hons), M.Sc. and Ph.D. course in Statistics.

Departmental Seminar

O. P. Ghosh, National Sample Survey Office (NSSO), Govt. of India, Field Operation Division (FOD), West Bengal (North Zone) delivered lecture on "Indian Official Statistical System" on September 19, 2013.

Conference/Seminar/Workshop/Exhibition etc.

Kashinath Chatterjee

19 October 2013: Delivered a Colloquium talk at the Department of Mathematics, Jishou University, Hunan, China.

29 October 2013: Delivered a Colloquium talk at the Department of Statistics, Shanghai Normal University Shanghai, China.

12 November 2013: Delivered a Seminar talk on "Orthogonal Array and their Construction Procedure" at the Department of Mathematics, organized by the Centre for Theoretical Studies, Indian Institute of Technology Kharagpur.

20 December 2013: Attended Two Days National Seminar on "Advances in Statistics: Techniques & Applications" at Asutosh College, Kolkata and chaired a session.

21 February 2014: Attended National Conference on "Inference for Stochastic Processes-Recent Trends and Ideas" organized by the Department of Agricultural Statistics, Palli Siksha Bhavana, Visva-Bharati and chaired a session.

Sudhansu S. Maiti

30-31 October 2013: 'Role of Generalized Process Capability Indices in Quality Management' in National Seminar on Recent Trends in Applied Sciences and Humanities held at Durgapur Institute of Advanced Technology and Management, India.

21-23 December 2013: 'Dynamic $P(X<Y)$ and related inference' in International Conference on Mathematical Sciences for Advancement of Science and Technology held at IMBIC, Kolkata, India.

21-22 February 2014: 'Process Quality Management: A Generalized approach and Statistical Inference' in National Conference on Inference for Stochastic Processes-Recent Trends and Ideas, held on at the Department of EES, Palli Siksha Bhavana, Visva-Bharati.

19-21 February 2014: Attended Research Scholars Meet on Reliability Theory, Survival Analysis and Related Topics, held at Indian Statistical Institute, Kolkata and chaired a session.

Academic distinctions

Kashinath Chatterjee

16-23 October 2013: Visited Department of Statistics, Central China Normal University, Wuhan, China as visiting scientist.

18-19 October 2013: Visited Department of Statistics, Jishou University, China.

24-26 October 2013: Visited Department of Applied Mathematics, Donghua University, Shanghai, China, as visiting scientist.

26 October - 5 November 2013: Visited Department of Statistics, Shanghai Normal University Shanghai, China.

Reviewer for the journals-(a) Statistics and Probability Letters, (b) Journal of Statistical Planning and Inference, (c) Communications in Statistics: Theory and Methods, (d) Metrika.

Serving as an Associate Editor of the Journal of the Indian Society of Agricultural Statistics.

Ch-II

Sudhansu S. Maiti

Elected Member, Council of Directors, Calcutta Statistical Association, Kolkata for 2013.

Reviewer for the journals- (a) Communications in Statistics-Theory and Methods, (b) Journal of Indian Statistical Association, (c) Pakistan Journal of Statistics, (d) American Journal of Mathematical and Management Sciences, (e) Journal of Indian Statistical Association.

Publications

Kashinath Chatterjee

Angelopoulos, P., Koukouvinos, C. and Chatterjee, K. (2013). A lower bound to the measure of optimality for main effect plans in the general asymmetric factorial experiments. *Statistics*, 47, 2, 405-410.

Koukouvinos, C, Chatterjee, K. and Angelopoulos, P. (2013). Construction of Search Designs from Orthogonal Arrays. *Journal Stat. Theory and Practice*. 7, 774-782.

Yue, Rong-Xian, Xin, Liu and Chatterjee, K. (2014). D-optimal Designs for Multiresponse Linear Models With a Qualitative Factor. *Journal of Multivariate Analysis*, 124, 57-69.

Zujun, Ou, Qin., H. and Chatterjee, K. (2013). A Lower Bound for the Centered L_2 -discrepancy on Combined Designs Under the Asymmetric Factorials. *Statistics*. 47, 5, 992-1002.

Simlai, A., Chatterjee, K. and Roy, A. (2013): A Comparative Study on Antioxidant Potentials of Some Leafy Vegetables Consumed Widely in India. *Journal of Food Biochemistry*. (DOI: 10.1111/\$jfb. 12062)

Sudhansu S. Maiti

Maiti, S. S. and Murmu, S. (2013): Dynamic $P(X<Y)$ and related inference, *Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science*, 2, 92-108.

Dey, S., Dey, T. and Maiti, S. S. (2013): Bayesian estimation and prediction intervals for Maxwell distribution under conjugate prior, *Model Assisted Statistics and Applications*, 8(3), 193-203.

Saha, M. and Maiti, S. S. (2013): Estimation of Generalized Process Capability Indices: A Comparative Study, *Journal of Applied Statistical Science*, 20(2), 1-10.

Soumalya Mukhopadhyay

i. Sardar, T., Mukhopadhyay, S., Bhowmick, A. R. and Chattopadhyay, J.(2013): An Optimal Cost Effectiveness Study on Zimbabwe Cholera Seasonal Data from 2008-2011, *PLOS ONE*, Vol:8 issue: 12, page: e81231

Sourav Rana

Rana, S., Bhattacharya, S., Pal, J., Guerekata, G.M. and Chattopadhyay, J. (2013): Paradox of enrichment: A fractional differential approach with memory. *Physica A*, 392, 3610-3621.

Roy, P.K., Mondal, J., Rana S. and Datta, A. (2013) : Host pathogen interactions with recovery rate using fractional-order derivative: A mathematical approach. *Nonlinear Studies*, 20(2), 251-261.

Roy, P.K., Rana S., Datta, A, Sil, N. and Bhattacharya, S. (2013): Does theta-logistic growth have any stabilizing effect on population dynamics? - A study on the Salton Sea ecology. *Bulletin of Calcutta Mathematical Society*, 105(5), 333-348.

DEPARTMENT OF COMPUTER AND SYSTEM SCIENCES

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

a. Arnab Sadhu(GATE), b. Krishna Daripa(GATE) c. Abhishek Nandi (GATE)

Paramartha Dutta

Member of panel of Judges of the Student Research Convention, conducted by the West Bengal University of Technology on 29 January 2013.

Member of Board of in Post Graduate Studies in Computer Science and Engineering of Tripura University since 2013. Advisor to the Central Mechanical Engineering Research Institute, Durgapur funded by the Council of Scientific and Industrial Research (CSIR), Govt. of India for their Research project on "Smart Home Energy Efficient Technology Environment" at Embedded System Laboratory since 2013.

Member of the Expert Inspection Team appointed by the West Bengal University of Technology in a visit on 13 March 2013.

Member of Expert Committee for Faulty Appraisal of the Asansol Engineering College held on 17 August 2013.

Session Chair in various Conferences/Seminars-

Technical session in Zonal Seminar on ICT in present Wireless Revolution on 31 August 2013.

Technical Session in International Conference on Computational Intelligence: Modelling, Techniques and Applications (CIMTA 2012), Kalyani, India, September 2013.

Lectures Delivered

Invited lecture series on "System Analysis and Design" at the Department of Computer Science and Engineering of National Institute of Technology, Agartala during 12-14 April.

Invited lecture on "An insight into Dynamics of Evolutionary Algorithm" in the TEQIP (Phase - II) sponsored Staff Development Programme on "Soft Computing" organized by the Department of Computer Science and Information Technology of University Institute of Technology, Burdwan held on 03 July 2013

Invited lecture on "Fuzzy Mathematics in Machine Learning" in the TEQIP (Phase - II) sponsored Staff Development Programme on "Continuing Educational Programme in Machine Intelligence" organized by the Department of Computer Science and Engineering of Heritage Institute of Technology, Kolkata held on 16 July 2013.

Invited lecture on "Development of an Intelligent Gas Recognizer for Analysis of Sewer Gases" in the TEQIP (Phase - II) sponsored Staff Development Programme on "Advances in Computer Science and Information Technology" organized by the Department of Computer Science and Engineering of North Eastern Regional Institute of Science and Technology, Arunachal Pradesh held on 28 August 2013.

Invited lecture on "Introduction to LATEX" in the UGC sponsored Workshop on "Computational Tools and Open Source Software" organized by the UGC Academic Staff College of Burdwan University, Burdwan held on 31 August 2013.

Invited lecture on "Fuzzy Mathematics and Machine Learning" in the TEQIP (Phase - II) sponsored Faculty Development Programme on "Recent Trends in Information Technology" organized by the Department of Information Technology of College of Engineering and Management, Kolaghat held on 10 November 2013.

Invited lecture on "Multi Objective Optimization" in the TEQIP (Phase - II) sponsored Continuing Education Programme on "Soft Computing and its Application" organized by the Department of Computer Science and Engineering of Narula Institute of Technology, Kolkata on 13 November 2013.

Invited lecture on "An insight into Dynamics of Evolutionary Algorithm" in the TEQIP (Phase - II) sponsored Faculty Development Programme held on "Recent Development in Computer Science and Engineering" organized by the Department of Computer Science and Engineering of Govt. College of Engineering and Textile Technology, Berhampore, West Bengal held on 16 November 2013.

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Invited lecture on "Fuzzy Rule Guided Image Segmentation" in the TEQIP (Phase - II) sponsored Faculty Development Programme on "Recent Advances in Image Processing" organized by the Department of Computer Science and Engineering of Murshidabad College of Engineering and Technology, Berhampore, West Bengal held on 16 November 2013. Invited lecture series on "Technical features of LATEX - An Insight" in the TEQIP (Phase - II) sponsored National Workshop on "Document Preparation using LATEX" organized by the Department of Computer Science and Information Technology of National Institute of Technology, Patna during 23-24 December 2013.

Invited Plenary lecture on "Technology beyond CMOS - A Quantum dot Cellular Automata Approach" in the TEQIP (Phase - II) sponsored International Conference on "Recent Trends in Science and Technology" organized by the Department of Computer Science and Engineering of College of Engineering and Management, Kolaghat held on 28 December 2013.

Balaram Bhattacharyya

External Member, Board of Studies in Computer science, Benaras Hindu University, Varanasi

Member, Program committee, 5th International Conference on Information Technology in Bio- and Medical Informatics ITBAM 2014 held in Munich (Germany) September 1-5, 2014.

Member, Editorial Advisory Board, Sajosps (South Asian Journal of Socio-Political Studies)

Utpal Roy

7-8 September 2013: Inaugurated and delivered the Keynote Address in the Global Conference on Recent Trends in Electronic Communication Engineering Power and Control(ECEPC-2013), Organised by Krishi Sanskriti duringat Jawaharlal Nehru University, New Delhi..

Member of Editorial Board in the 2nd International Conference on Artificial Intelligence and Computer Science-2014, Bandung, Indonesia.

6-7 December 2013: Delivered the Keynote Address in the UGC sponsored National Seminar on AI and Its Impact on Modern IT World held at Gour Banga MahaVidyalaya.

13-17 November 2013:Delivered an invited talk and Chaired the session in a National Workshop on a "Advanced Optimization Techniques (STACOT-2013)" organized by the Department of Mathematics, National Institute of Technology Durgapur during

Served as Guest Faculty in the Department of Computer Science and Engineering, Tripura Central University, Agartala. Life member of Forum of Scientists, Engineers & Technologists (FOSET).

External Member of The Board of Studies, Department of Computer Science and Engineering, Gour Banga University, Malda.

Life Member of PANDA Collaboration since Nov. 2013

Others :

Served as Guest Faculty in the Department of Computer Science and Engineering, Tripura Central University, Agartala. Life member of Forum of Scientists, Engineers & Technologists (FOSET).

External Member of The Board of Studies, Department of Computer Science and Engineering, Gour Banga University, Malda.

Life Member of PANDA Collaboration since Nov. 2013

Life member Indian Science Congress Association Delivered the Keynote Speech in The Global Conference on Recent Trends in Electronic Communication Engineering Power and Control(ECEPC-2013), Organised by Krishi Sanskriti during 7-8 September 2013 at Jawaharlal Nehru University, New Delhi-110067.

Delivered a Keynote Speech in the UGC Sponsored National Seminar on AI and Its Impact on Modern IT World held at Gour Banga MahaVidyalaya(under Gour Banga University) during 6-7 December, 2013.

Life member Indian Unit for Pattern Recognition and Artificial Intelligence(Affiliated to International Association for Pattern Recognition)

Life member of Forum of Scientists, Engineers & Technologists (FOSET).

Publications**Paramartha Dutta****Books****Authored/Co-Authored**

P. Dutta and A. Pal, Authored Book entitled "Complete Reference for Design and Analysis of Algorithms", (for Computer Science and Engineering) published by Matrix Educare Eighth Edition in June 2013.

P. Dutta and A. Pal, Authored Book entitled "Complete Reference for Advanced Computer Architecture", published by Matrix Educare Seventh Edition in January 2013.

Articles in Journals

A. Banerjee, P. Dutta and S. Ghosh, "Fuzzy Controlled Energy Efficient Routing Protocol (FE2RP) for Mobile Ad Hoc Networks", International Journal of Computer Applications, vol. 61, No. 7, 2013.

S. Dasgupta and P. Dutta, "A Novel Game Theoretic Approach for Cluster Head Selection in Wireless Sensor Network", International Journal of Innovative Technology and Exploring Engineering, vol. 2, No. 3, pp. 40-43, February 2013.

S. Dasgupta and P. Dutta, "CIAC: Cluster Head Induced Affinity based Clustering for prolonging the Lifetime of Wireless Sensor Network", International Journal of Computer Application, vol. 75, No. 10, pp. 18-23, August 2013.

A. Banerjee, P. Dutta and S. Ghosh, "Experience Based Energy efficient Reactive Routing Protocol (EXERP) for Mobile Ad-hoc Networks", Arabian Journal for Science and Engineering, Springer, 2013, ISSN 1319-8025, DOI 10.1007/s13369-013-0813-9

J. Hazra, A. RoyChowdhury and P. Dutta, "An approach for determining angle of rotation of a gray image using weighted statistical regression", International Journal of Scientific and Engineering Research, vol. 4, issue 8, pp. 1006 - 1013, 2013.

D. Dutta, P. Dutta, and J. Sil, "Categorical Feature Reduction Using Multi Objective Genetic Algorithm in Cluster Analysis", LNCS Transactions on Computational Science, Springer, vol. 21, pp. 164 - 189, 2013.

Conference Proceedings

D. Dutta, P. Dutta, and J. Sil, "Simultaneous continuous feature selection and K clustering by multi objective genetic algorithm", in proceedings of the 3rd IEEE International Advance Computing Conference (IACC 2013), IEEE Press, Ghaziabad, UP, India, February 2013, pp. 928-933, DOI: 10.1109/ IAdCC.2013. 6514352.

K. Dasgupta, J. K. Mandal and P. Dutta, "Optimized Video Steganography using Genetic Algorithm (GA)", in proceedings of the First International Conference on Computational Intelligence, Modeling Techniques and Applications (CIMTA2013), 2013 Procedia Technology, Elsevier, pp. 131 - 137, ISSN: 2212 - 0173.

K. Dasgupta, B. Mandal, P. Dutta, J. K. Mandal and S. Dam, "A Genetic Algorithm (GA) based Load Balancing Strategy for Cloud Computing", in proceedings of the First International Conference on Computational Intelligence, Modeling Techniques and Applications (CIMTA2013), 2013 Procedia Technology, Elsevier, pp. 340 - 347, ISSN: 2212 - 0173.

A. Pal, J. P. Singh and P. Dutta, "The Path Length Prediction of MNET using Moving Average Model", in proceedings of the First International Conference on Computational Intelligence, Modeling Techniques and Applications (CIMTA2013), 2013 Procedia Technology, Elsevier, pp. 882 - 889, ISSN: 2212 - 0173.

P. Dutta and D. Mukhopadhyay, "New Architecture for Flip Flops using Quantum-Dot Cellular Automata", in proceedings of the 48th Annual Convention (CSI - 2013), Special Session on Computational Intelligence - Tools and Techniques for IT excellence, Springer Verlag, vol. 249, pp. 707 - 714, 2013.

DEPARTMENT OF ENVIRONMENTAL STUDIES

Name of the Department: Department of Environmental Studies

Name of the students qualified in UGC/CSIR/NET/SLET and GATE examination: Rumi Rabha (UGC-JRF)

Departmental Seminar: The Department organized a two day seminar titled "National Seminar on Environmental Issues: Protection, Conservation and Management during 22-23 Novemebr, 2013 in collaboration with Institution of Public Health Engineers (IPHE), India. Dr. K.J. Nath, President, IPHE, India presided over the inauguration programme. Prof. Sudipta Narayan Roy, Principal, Siksha-Bhavana introduce the guests. Dr Ashok Sanyal, Chairman, Biodiversity Board, Govt. of West Bengal was the chief guest & talked about the rich bioresources of India. More than 100 participated & presented papers in 10 technical sessions of the seminar held simultaneously in two rooms. Each session was preceded by a keynote speech by Prof. S.C. Santra, Dept. of Env. Studies, Kalyani Univ, Mr A.K. Sengupta, DG, Sulabh International, New Delhi, Dr Dipankar Adhay, Environment Protection Engineer, Kolkata, Dr RE Masto, Scientist CMIFR (CSIR), Dhanbad and Prof. M.K. Ghosh, Emeritus Prof. WBUT Kolkata.

Besides, the Department also organized the following lectures:

04-07-2013 : Dr. Subhankar Chatterjee on 'Exploiting microbes for environmental clean-up and biotechnology applications'.

13-07-2013 : Dr. Ankit Tandon on 'Long-term variations in total ozone column over India'.

27-07-2013: Prof. K. S. Reddy on 'Renewable energy Technology for sustainable energy supply'.

27-08-2013 : Dr. Sunandan Lala, Praxair India Pvt. Ltd., Bangalore on Waste water treatment Plants

27-08-2013 : Dr. Nilanjan Lala, Ritedose Corporation on Overview of the Pharmaceutical industry

27-08-2013 : Prof.. Ranjana Madan Lala, Emory University, Atlanta on 'The interface of mycobacterium tuberculosis and host immunity'.

26-11-2013 : Prof. C. K. Varshney on 'Environmental Impact Assessment: A tool for sustainable environmental management and advantages of preparing a good quality EIA'.

30-11-2013 : Dr. Ramesh Karuppaiah on 'Environmental Issues: Past, Present and Future'.

11-02-2014: Barrister Anindya Mitra on 'Environmental Law'.

Besides, there are about 20 seminar presentations from Ph.D. scholars and M.Sc. students of the department during the last one year.

National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/ Research scholars in detail

Shibani Chaudhury

22 November 2013: The papers 'Problems with coal bed methane produced water on adjacent agricultural lands' by U. Majee, G.N. Chattopadhyay, S. Chaudhury and B.C. Roy, 'A study on heavy metal bio-availability in soil using chemical speciation' by Debopriya Bhattacharyya, Sohini Banerjee and Shibani Chaudhury, and 'Impact of coal mining activities on surface and ground water in bastacola coalmine area, jharia coal field, India' by Abhijit Chowdhury, Shibani Chowdhury, Pulak Kr. Patra were presented : In the National Seminar on Environmental Issues: Protection, Conservation and Management, 22-23 November, 2013, Jointly Organised by Department of Environmental Studies, Visva-Bharati, Santiniketan and Institution of Public Health Engineers, India by the Department of Environmental Sciences, Siksha Bhavana, Visva-Bharati.

10 December, 2013: The papers 'Comparison of Biogas Production from Water Hyacinth (*Eichhornia crassipes*) and *Salvinia* (*Salvinia cucullata*)' by Mathew AK, Goswami R, Banerjee SN, Shome A, Chakraborty AK, Balachandran S, Shibani Chaudhury, and 'Design concept and configuration of a hybrid renewable energy system for rural electrification in India through BioCPV project' by T K Mallick, N Sarmah, S N Banerjee, L Micheli, K S Reddy, P C Ghosh, G

walker, Shibani Chaudhury, M Pourkashanian, J Hamilton, D Giddings, M Walker, K Manickam, A Hazara, S Balachandran, S Lokeswaran, D Grant, A K Mathew, were presented in the International Conference on Advanced Energy Research, 10-12 December, 2013, organised by Indian Institute of Technology, Mumbai.

30 January, 2014: The papers 'Study of Chemical Speciation of some trace elements in vermicomposted fly ash: perspective on metal bioavailability and enrichment' by D. Bhattacharyya and Shibani Chaudhury, 'Bacteria in heavy metal contaminated coal mine soil' by Sohini Banerjee and Shibani Chaudhury, 'Biogas Production from Aquatic Biomass Present in and around Santiniketan' by Mathew AK, Goswami R, Banerjee SN, Shome A, Chakraborty AK, Balachandran S, Shibani Chaudhury. And 'Role of Microbes in Biogas Production' by Arunima Shome, Ramansu Goswami, Anil K. Mathew, S N. Banerjee, Amit Kumar Chakraborty, S. Balachandran, Shibani Chaudhury were presented in the National Seminar on Environment: Pollution and Protection, Organised by National Institute of Technology, Durgapur.

3 February, 2014: The papers 'A study on chemical speciation and mobility of Cd, Cr, Ni in vermicomposted fly ash treated red & lateritic soil of Birbhum, West Bengal, India' by D. Bhattacharyya and Shibani Chaudhury and 'Effect of coal bed water on arable soil environment and their mitigation' by Utpal Majee, G.N.Chattopadhyay and Shibani Chaudhury were presented in the 101st Indian Science Congress, 3-7th Feb. 2014, Jammu organized by The Indian Science Congress Association.

17 February, 2014: The papers 'Eisenia fetida and Lampito mauritii exposed to polluted soil of industrial origin: a comparative study of GSH-GST and total biomass' by D. Bhattacharyya and Shibani Chaudhury, 'Toxic effects of coal bed water on soil environment and their mitigation' by Utpal Majee, G.N.Chattopadhyay, Shibani Chaudhury and B.C.Roy, and 'Trace elements in the dust trapped in air conditioner filters for the assessment Indoor air quality at Santiniketan' by D. Bhattacharyya, M. Gope, S. Balachandran and Shibani Chaudhury were presented in the 4th International Conference on Ecotoxicology & Environmental sciences (ICEES'14), Delhi, 17th-19th Feb. 2014, Organised by Institute of Ecotoxicology and Environmental Sciences.

Pratap Kumar Padhy

23 November 2013 : The papers 'Particulate load in rural kitchen from biomass fuel burning' by Nayek, S. and Padhy, P. K., 'Water quality evaluation of Suswa River system, the Ganges basin: Application of univariate, bivariate expressions and multivariate statistical approaches' by Manoj, K. and Padhy, P. K., 'Solid biomass fuel use in India and its effects on health: A review' by Rabha, R. and Padhy, P. K., and 'Physico-chemical characterization of water quality of Damodar River, India' by Karmakar, D. and Padhy, P. K. were presented in the National Seminar on Environmental Issues: Protection, Conservation and Management, Organized by Department of Environmental Studies, Visva-Bharati in collaboration with IPHE, Kolkata during 22-23rd November 2013.

13-17 January 2014: 'Indoor air pollution: A major environmental and public health concern', Invited Lecture in the DST Inspire Programme, Visva-Bharati.

1-3 February 2014: 'Effects of air pollution on forest resources and its possible management: A case study of Lalpahari Forests, Birbhum' presented in the National Seminar on Agriculture and Bio-Security in Changing Scenario organized by the Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati.

3-7 February 2014 : 'Reduced Lung Performance in Rural Women exposed to Kitchen Biomass Smoke' by Nayek, S. and Padhy, P. K., 'Classification and characterization of a South Asian river: Quality indices and graphical illustrations' by Manoj, K. and Padhy, P. K., 'Hydrogeochemical evaluation and multivariate statistical analyses of groundwater of the steel city Durgapur, India' by Bhattacharya, R., Manoj, K. and Padhy, P. K., were presented in the 101st Indian Science Congress (Section 7, Page 119) held at University of Jammu, Jammu during February 3 to 7, 2014.

24-26 February 2014: 'Effect of acute and chronic arsenic exposure on growth, structure and virulence of *Aeromonas hydrophila* isolated from fish' by Ramansu Goswami, Mazumder, S. and Padhy, P. K., and 'Assessment of indoor air quality status in the rural tribal homes of eastern parts of India' by Padhy, P. K., were presented in the International Conference on Environmental Biology and Ecological Modelling (ICEBEM - 2014) Organized by the Dept of Zoology, Visva-Bharati, Santiniketan during February 24 to 26, 2014.

Ch-II

1-2 March 2014 'Evaluation of indoor air pollution effects on respiratory health among exposed community in West Bengal' by Padhy, P. K in the National Seminar on Research Frontiers in Man-nature Interface, Organized by the Department of Geography, Visva-Bharati & Foundation of Practising Geographers, Kolkata. Also Chaired a Session.

Pulak Kumar Patra

5-6 September 2013: 'Man & Environment: Thoughts of Rabindranath & Radhakrishnan' presented in the Nat. Sem. on The Legacy of Radhakrishnan" Organized by Vinay Bhavana, Visva-Bharati.

22-23 November 2013: 'Impact of coal mining activities on surface and ground water in Bastacola coalmine area, Jharia coal field, India' by Abhijit Chowdhury, Shibani Chaudhury & Pulak Kr. Patra, presented in the National seminar on environmental issues: protection, conservation and management, Dept. of Env. Studies, Visva-Bharati.

22-23 November 2013 : 'Potentiality of crop growth simulation model for asseimpact of climate change on crop production' by Saon Banerjee, Subharanjan Das, Suman Samanta, Asis Mukherjee and Pulak Kr. Patra, 'Uptake of fluoride by plants : A review. Paper presented in the National seminar on environmental issues: protection, conservation and management' by Sakuntala Chakrabarti, Priyanka Biswas and Pulak Kumar Patra, and 'Effect on Soil Health and Environment for Excessive Use of Chemical Fertilizers in Some Agricultural Soils of Terai Region of West Bengal' by Dipankar Pal, Dibyendu Mukhopadhyaya and Pulak Kumar Patra were presented in the National seminar on environmental issues: protection, conservation and management, Dept. of Env. Studies, Visva-Bharati.

23-24 November 2013 : 'Watershed Management for Inclusive Growth' presented in the Nat. Sem. On Challenges & Prospects of Inclusive Growth Dept. of Economics, Visva-Bharati.

24-26 February 2014 : 'Pollution monitoring through Foraminiferal distribution study : A case from East Coast of India' by Pulak Kumar Patra and Pravasini Pati, presented in the International Conference on Environmental Biology & Ecological Modelling, , Dept. of Zoology, Visva-Bharati.

9 March 2014 : 'Medical Geochemistry: Perspectives and Prospects Paper' presented in the National Seminar on Recent Advances in Chemistry.

21-22 March 2014: Pulak kumar Patra & Sakuntala Chakrabarti Fluoride in Crop Plants: A Concern for Food Safety Paper presented in the Nat. Sem. on Recent Advances in Food Safety and Nutrition, , Sambalpur University.

25-26 March 2014: 'Nonlinear unmixing of hyperspectral images: a review' presented in the National Seminar on Recent Perspectives on Nonlinear Mathematics and its applications (RPNMA-2014), , Dept. of Mathematics, Visva-Bharati.

S. Balachandran

22-23 November 2013: Manash Gope, S. Balachandran "A review on distribution of trace elements in street dust of India" in "National Seminar on Environmental Issues: Protection, Conservation & Management" Dept. of Environmental Studies, Siksha-Bhavana, Visva-Bharati.

10-12 December 2013: Mathew AK, Goswami R, Banerjee SN, Shome A, Chakraborty AK, Balachandran S, Chaudhury, S. presented 'Comparison of Biogas Production from Water Hyacinth (*Eichhornia crassipes*) and *Salvinia* (*Salvinia cucullata*)' and T K Mallick, N Sarmah, S N Banerjee, L Micheli, K S Reddy, P C Ghosh, G walker, S Choudhury, M Pourkashanian, J Hamilton, D Giddings, M Walker, K Manickam, A Hazara, S Balachandran, S Lokeswaran, D Grant, A K Mathew presented 'Design concept and configuration of a hybrid renewable energy system for rural electrification in India through BioCPV project' in the International Conference on Advanced Energy Research, Indian Institute of Technology, Mumbai, ISBN: 978-81-928795-0-5.

30 January-1 February 2014: Mathew AK, Goswami R, Banerjee SN, Shome A, Chakraborty AK, Balachandran S, Chaudhury, S. presented 'Biogas Production from Aquatic Biomass Present in and around Santiniketan' and Debopriya Bhattacharya, S. Balachandran, S. Chaudhury presented 'Study of Chemical Speciation of some trace elements in vermicomposted fly ash: perspective on metal bio-availability and enrichment' and Banerjee SN, Shome A, Goswami R, Mathew AK, Banerjee SN, Chakraborty AK, Balachandran S, Chaudhury, S. Presented 'Role of microbes in biogas production' in the National Seminar on Environment: Pollution and Protection, National Institute of Technology, Durgapur.

3-7 February 2014: Manash Gope, S. Balachandran presented 'Chemical Speciation of Zn in roadside deposited dust of Asansol, West Bengal, India'. Was also accepted for oral presentation in 101th Indian Science Congress-2014, Jammu. 17-19 February 2014: Debopriya Bhattacharya, Manash Gope, S. Balachandran, S. Chaudhury presented 'Trace elements in the dust trapped in air conditioner filters for the assessment Indoor air quality at Santiniketan' in the 4th International Conference on Ecotoxicology & Environmental sciences (ICEES'14) organised by Institute of Ecotoxicology and Environmental Sciences, YMCA, New Delhi, organized by Institute of Ecotoxicology and Environmental Science, New Delhi.

27th March 2014: 'Cd in the street dust of Asansol, Paper presented in, Science Seminar Lecture Series (2014)', Seminar Room, Department of Botany, Siksha-Bhavana, Visva-Bharati.

Ongoing Research Projects in the Departments:

Shibani Chaudhury

a) Name of the Project: A comparative study of biotransformation mechanisms of earthworm *Lampito mauritii* and *Eisenia fetida* to soil of industrial origin.

Sponsoring agency: UGC, New Delhi

Amount Sanctioned: Rs.8,70,800/-

a) Name of the Project: Development and Integration of Biomass and Concentrating Photovoltaic System for the Rural and the urban Energy Bridge : BioCPV.

A research project under the Indo-UK Collaborative Research Initiative on Bridging the Urban and the Rural Divide. (BURD)

Sponsoring agency: DST, New Delhi (Indian Side)

Amount Sanctioned: Rs.5,57,17,125/- of which amount for Visva-Bharati is Rs.2,26,70,325/-. Shibani Chaudhury (PI), Prof. A. Hazra (Co-PI) and Dr. S. Balachandran (Co-PI). The other Co-PIs are from IITM and IITB.

Pratap Kumar Padhy

Name of the project: Physico-chemical characterization of River Ajay- A tributary of Ganga (April 2013 - March 2016), (as Co-PI, Dr. U. K. Singh, DISER, Visva-Bharati PI).

Sponsoring agency : UGC, New Delhi.

Amount sanctioned : Rs 12.06 Lakh

Sponsoring agency : Visva-Bharati.

Amount sanctioned : Rs 10,000/-

Pulak Kumar Patra

Name of the project: Hydrogeochemical and stable isotope investigations on the fluoride enrichment process of groundwater in parts of Birbhum District, West Bengal, India.

Sponsoring agency: UGC, New Delhi.

Amount sanctioned: Rs 2,29,500/-

Name of the project: General Research Grant from the University.

Sponsoring agency: Visva-Bharati.

Amount sanctioned: Rs. 10,000/-

S. Balachandran

Name of the Project: Development and Integration of Biomass and Concentrating Photovoltaic System for the Rural and the urban Energy Bridge : BioCPV.

A research project under the Indo-UK Collaborative Research Initiative on Bridging the Urban and the Rural Divide (BURD).

Ch-II

Sponsoring agency: DST, New Delhi (Indian Side)

Amount Sanctioned: Rs.5,57,17,125/- of which amount for Visva-Bharati is Rs.2,26,70,325/-. Prof. Shibani Chaudhury (PI), Prof. A. Hazra (Co-PI) and Dr. S. Balachandran (Co-PI). The other Co-PIs are from IITM and IITB

Extension activities/NSS/cultural and other activities organized by the department and participated by the teachers and students of the department

The M.Sc. students, research scholars and faculty members of Department of Environmental Studies (DES) were actively involved in the Environmental Awareness Campaign in the Poush Mela 2013. During this three days programme, the students and faculty members of DES monitored various environmental quality parameters (air, noise, water) of the Mela ground and its adjoining area. The Environment Cell, Visva-Bharati carried out procession in the Mela ground to create awareness of menace of plastic carry bags & plastic cups during Poush Mela. Painting and Slogan competitions were also held. The response for these competitions from the general public including housewives was encouraging. The local tribal community also volunteered in this programme and sold their eco-friendly goods (such as vermicompost manures, paper & gunny bags and handicrafts etc) from the stall.

Others

Shibani Chaudhury

Convenor on Workshop on Plant Diversity: Utilisation and Climate Change organized by Taxonomy Committee of Visva-Bharati on March 19-20, 2014.

Pratap Kumar Padhy

Acting as In-Charge of the Book Bank, Siksha-Bhavana, Visva-Bharati since April 2007 to till date.

Acted as Rapporteur for Natural Resource Management & Livelihoods Section of the 5th Youth Science Congress organized by Visva-Bharati during 6-9th December 2013.

Resource Person, Indoor air pollution: A major environmental and public health concern, DST Inspire Programme, Visva-Bharati, 13-17th January, 2014.

Chaired Two sessions (one Oral & one Poster) in the Environmental Science category of the 21st West Bengal State Science and Technology Congress, 2014 (WBSSTC-2014), Jointly organized by the University of Burdwan and the Department of Science & Technology, Government of West Bengal during 20-21st February 2014.

Pulak Kumar Patra

Member, panel of Judges, in the 5th Youth Science Congress organised by Visva-Bharati 6-9 Dec. 2013

Publications within the year April 2013 -March 2014:

Shibani Chaudhury

D. Bhattacharyya; S. Balachandran; Shibani Chaudhury. 2014 'Chemical speciation and mobility of some trace elements in vermicomposted fly ash'. Soil and Sediment Contamination: An International Journal, ISSN: 1532-0383 (Print), 1549-7887 (Online) DOI: 10.1080/15320383.2014.892915, Published online: 18 Mar 2014

Mathew AK, Goswami R, Banerjee SN, Shome A, Chakraborty AK, Balachandran Shibani Chaudhury, S. Comparison of Biogas Production from Water Hyacinth (*Eichhornia crassipes*) and *Salvinia* (*Salvinia cucullata*), In the proceedings of International Conference on Advanced Energy Research, 10-12 December, 2013, Indian Institute of Technology, Mumbai, 1535-1540, ISBN: 978-81-928795-0-5.

T K Mallick, N Sarmah, S N Banerjee, L Micheli, K S Reddy, P C Ghosh, G walker, Shibani Chaudhury, M Pourkashanian, J Hamilton, D Giddings, M Walker, K Manickam, A Hazara, S Balachandran, S Lokeswaran, D Grant, A K Mathew. Design concept and configuration of a hybrid renewable energy system for rural electrification in India through BioCPV project. In the proceedings of International Conference on Advanced Energy Research, 10-12 December, 2013, Indian Institute of Technology, Mumbai, 1659-1667, ISBN: 978-81-928795-0-5.

Kunal Bandyopadhyay, Shibani Chaudhury, Amit Kr Hazra. Renewable energy for sustainable rural development: A

transfer of technology. In the proceedings of International Conference on Advanced Energy Research, 10-12 December, 2013, Indian Institute of Technology, Mumbai, 1541-1547, ISBN: 978-81-928795-0-5.

Pratap Kumar Padhy

Rout, T. K., Masto, R. E., Ram, L. C., George, J. and Padhy, P. K. (2013). Assessment of human health risks from heavy metals in outdoor dust samples in a coal mining area. *Environmental Geochemistry and Health*, 35, 347-356.

Manoj K., Bhattacharyya R. and Padhy, P. K. (2013). Forest and Wildlife Scenarios of Northern West Bengal, India: A Review. *International Research Journal of Biological Sciences*, 2(7), 70-79, July (2013).

Manoj, K., Ghosh, S. and Padhy, P. K. (2013). Characterization and classification of hydrochemistry using multivariate graphical and hydrostatistical techniques. *Research Journal of Chemical Sciences*, 3(5), 32-42, May (2013).

Padhy, P. K. (2014). Effects of climate change on water resources, fisheries and aquaculture. In the Proceedings of National Seminar on Global Climatic Change, Sea level Rise, Coastal Pollution and its Effect on Capture & Culture Fishery and Sustainable Marine Fisheries Resources Management", sponsored by Ministry of Earth Sciences, Government of India at Seminar Hall of Department of Zoology, Utkal University, Bhubaneswar, Odisha. Organized by Aabahana, Nachuni, Khurda, during 9-10th March, 2014, pp. 14-22.

Pulak Kumar Patra

S. Chakrabarti, P.K. Patra, 2013 Effect of fluoride on superoxide dismutase activity in four plant crops. *Fluoride* v. 46(2): p.59-62

S. Chakrabarti, P.K. Patra, 2013 Effect of Sodium Fluoride on Seed Germination, Seedling Growth & Biochemistry of Paddy (*Oryza sativa* L.) *Asian J. Exp. Biol. Sci.* v.4(4) 2013 p.540-544

P. K. Pati and P. K. Patra, 2013 Heavy metal Distribution in major estuaries of Northern Odisha along the East Coast of India: An Indexing approach *International Journal of Earth Sciences and Engineering (IJEE)*, v.6, (05), 2013, P.1094-1102

Patra, P.K., 2014, Integrated Water Resource Management: A rural livelihood perspective, in Some empirical aspects of economic growth & diversification in India's emerging economy. Ed. P.K. Chattopadhyay New Delhi Publishers, New Delhi p.83-92.

Patra, P.K., 2014, Ground Water Quality in West Bengal: Challenges for Drinking Water Security in Growth and Diversification: Aspects of Rural Development.. Ed. P.K. Chattopadhyay New Delhi Publishers, New Delhi p.321-330.

S. Balachandran

D. Bhattacharyya; S. Balachandran; Shibani Chaudhury. 2014 Chemical speciation and mobility of some trace elements in vermicomposted fly ash. *Soil and Sediment Contamination: An International Journal*, ISSN: 1532-0383 (Print), 1549-7887 (Online) DOI: 10.1080/15320383.2014.892915, Published online: 18 Mar 2014.

Mathew AK, Goswami R, Banerjee SN, Shome A, Chakraborty AK, S. Balachandran, Shibani Chaudhury, S. Comparison of Biogas Production from Water Hyacinth (*Eichhornia crassipes*) and *Salvinia* (*Salvinia cucullata*), In the proceedings of International Conference on Advanced Energy Research, 10-12 December, 2013, Indian Institute of Technology, Mumbai, 1535-1540, ISBN: 978-81-928795-0-5.

T K Mallick, N Sarmah, S N Banerjee, L Micheli, K S Reddy, P C Ghosh, G walker, Shibani Chaudhury, M Pourkashanian, J Hamilton, D Giddings, M Walker, K Manickam, A Hazara, S Balachandran, S Lokeswaran, D Grant, A K Mathew. Design concept and configuration of a hybrid renewable energy system for rural electrification in India through BioCPV project. In the proceedings of International Conference on Advanced Energy Research, 10-12 December, 2013, Indian Institute of Technology, Mumbai, 1659-1667, ISBN: 978-81-928795-0-5.

A brief history of the development of the Bhavana/Sadana/Vibhaga concerned with an indication of future plans for development:

The Department of Environmental Studies (DES), Siksha Bhavana, Visva-Bharati was established in 1999 during the IXth Plan period as the Centre for Environmental Studies, supported financially by the UGC. From 2012 the Centre

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became a Department after approval of the Academic Council and Executive Council. The Department started its academic curriculum from the session 2000-2001, for all second year undergraduate students of the university. For this session (2013-2014) more than 1000 students are taking this course. The Department started the M. Sc. Course in Environmental Science from the session 2003-04. During this year the department has got the **DST-FIST sanction grant of Rs. 1.0 crore** and with the instruments procured out of the FIST grant, the department will develop good infrastructure for quality research, in different fields of environment. One of its founding objectives has been to act as a Nodal Department in the Eastern India, in the field of Environmental Studies.

Any other relevant information:

The faculty members of DES actively participate in environmental awareness programme in and around Santiniketan - Sriniketan - Bolpur areas. Resource persons are invited to the Department to help the students in different environmental activities.

DEPARTMENT OF BIOTECHNOLOGY

A. Conference organized by the Department

Organised the National Conference on Algology and Algal Biotechnology, at Visva-Bharati sponsored by DBT, DST and CSIR, Govt. of India, and in Colaboration with Agricultural Faculty (PSB) from 15th to 17th November 2013, at Sriniketan, with more than 200 participants from India and four participants from abroad. (Convenor Prof. S. P. Adhikary)
One day Science Programme on 'Food Security and GM Crops' sponsored by WB-DST to celebrate the National Science day, on October 31, 2013, at Santiniketan. Jt. Convenors, Dr. Jolly Basak, Dr. Narottam Dey

B. Departmental Seminars given by External Experts

DATE

TEACHER NAME TOPIC

24/03/2014 Dr. Pinaki Sar, Associate Professor, IIT-Kharagpur Microbial Diversity and Bioremediation: Insights From 'OMICS' Approaches

24/03/2014 & 25/03/2014 Dr. Sudip Chattopadhyay, Professor, NIIT- Durgapur Light Signal Transduction And Photo-morphogenesis

25/03/2014 Dr. Tapas C Ghosh, Bose Institute, Kolkata Basics for Bioinformatics

29/03/2014 Dr. Santa Sabuj Das, NICED, Kolkata Salmonella typhi-An Unusual Intracellular Pathogen

PUBLICATIONS

A. Books

Prof. S.P. Adhikary

Freshwater Algae of Eastern India. By. S.K. Das and S.P. Adhikary: New Delhi, Astral Publications, 526 p, 2014; ISBN:9789351242796

B. Research Papers in Journals

S.P. Adhikary

Keshri N and Adhikary SP. 'Diversity of cyanobacteria on stone monuments and building facades of India and their phylogenetic analysis'. International Biodeterioration and Biodegradation. 90:45-51, 2014. ISSN: 0964-8305

Jena M, Bock C, Behera C, Adhikary SP and Krienitz L. 'Strain survey on three continents confirms the polyphyly of the genus Pediastrum (Hydrodictyaceae, Chlorophyceae), Fottea,' Olomouc, 14: 63-76, 2014. ISSN: 1802-5439

Mohanty D and Adhikary SP. 'Assessment of changes in the algal diversity of Chilika lagoon after opening of new mouth to Bay of Bengal'. J. Water Resource Protection, 5:611-623, 2014. ISSN: 1945-3094

Keshari N and Adhikary SP. 'Characterization of cyanobacteria isolated from biofilmson stone monuments at Santiniketan, India'. Biofouling, 29: 525-536, 2013. ISSN0892-7014.

Bhakta S and Adhikary SP. Two new Taxa of Ecbalocystopsis (Chlorophyta) from eastern India. Nelumbo (Bulletin of Botanical Bot. Survey of India), 55:1-4, 2013.

Amit Roy

Gupta VK, Kaur C, Simlai A and Roy A. 'Antimicrobial activity of Pavetta indica leaves'. Journal of Applied Pharmaceutical Science (April 2013) Volume 3(04), Pages 078 - 082. DOI: 10.7324/JAPS.2013.3414. ISSN 2231-3354.

Simlai A and Roy A. 'Biological activities and chemical constituents of some mangrove species from Sundarban estuary: An Overview'. Pharmacognosy Reviews (July - December Issue, 2013; Online 25 October, 2013), Volume 7, Issue 14, 170 - 178. DOI:10.4103/0973-7847.120518. Publisher: Medknow Publications (Wolters Kluwer). ISSN: Print 0973-7847, Online - 0976-2787.

Simlai A, Chatterjee K and Roy A. 'A Comparative Study on Antioxidant Potentials of Some Leafy Vegetables Consumed Widely in India'. Journal of Food Biochemistry. Early view online publication on 17 December, 2013.

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DOI:10.1111/jfbc.12062. Online ISSN: 1745-4514. Publisher: Wiley Online Library.

Gupta VK, Simlai A, Tiwari M, Bhattacharya K and Roy A. 'Phytochemical contents, antimicrobial and antioxidative activities of *Solanum sisymbriifolium*'. *Journal of Applied Pharmaceutical Science*. Volume 4(03), Pages 075 - 080, March 2014. DOI: 10.7324/JAPS.2014.40315. ISSN 2231-3354.

Tathagata Choudhuri

Sahu SK, Mohanty S, Kumar A, Kundu CN, Verma SC, Choudhuri T. 2014. Epstein Barr virus nuclear antigen3C interacts with p73: interplay between a viral oncoprotein and cellular tumor suppressor. *Virology*. 448: 333-343 (IF: 4). ISSN: 0042-6822

Siddharth S, Mohapatra P, Preet R, Das D, Satapathy SR, Choudhuri T, Kundu CN. 2013. Induction of Apoptosis by 4-(3-(tert-butylamino)imidazo[1,2-*b*]pyridine-2-yl) Benzoic Acid in Breast Cancer Cells via Upregulation of PTEN. *Oncol Res*. 21: 1-13 (IF:3). ISSN: 0965-0407

Sahu SK, Choudhuri T. 2013. Lack of Association between Bax Promoter (-248G>A) Single Nucleotide Polymorphism and Susceptibility towards Cancer: Evidence from a Meta-Analysis. *PLoS One*. Oct 17;8(10):e77534 (IF: 4). ISSN: 1932-6203

Satapathy SR, Mohapatra P, Preet R, Das D, Sarkar B, Choudhuri T, Wyatt MD, Kundu CN. 2013. Silver-based nanoparticles induce apoptosis in human colon cancer cells mediated through p53. *Nanomedicine (Lond)*. 8: 1307-1322 (IF:6). ISSN: 1549-9634.

Mohapatra P, Preet R, Das D, Satapathy SR, Siddharth S, Choudhuri T, Wyatt MD, Kundu CN. 2013. The contribution of heavy metals in cigarette smoke condensate to malignant transformation of breast epithelial cells and in vivo initiation of neoplasia through induction of a PI3K-AKT-NF κ B cascade. *ToxicolApplPharmacol*. 15;275(3): 221-31 (IF:3) ISSN: 0041-008X

Jolly Basak

Bahadur RP and Basak J. Molecular modeling of protein-protein interaction to decipher the structural mechanism of nonhost resistance in rice. *J Bio MolStrDyn*. 32: 669-81, 2014 (IF 5). ISSN: 0739-1102.

Singh J, Hembram P and Basak J. Potential of *VignaUnguiculata* as a phytoremediation plant in the remediation of Zn from contaminated soil. *Am J Plant Sc*. 5: 1156-1162, 2014 (IF 0.3). ISSN: 2158-2742

Bej S and Basak J. MicroRNAs: The Potential Biomarkers in Plant Stress Response. *Am J Plant Sc*. DOI: 10.4236/ajps.2014.55089 (IF 0.3). ISSN: 2158-2742

Hinsinger DD, Basak J, Gaudeul M, Cruaud C, Bertolino P, Frascaria-Lacoste N and Bousquet J. 2013. The Phylogeny and Biogeographic History of Ashes (*Fraxinus*, Oleaceae) Highlight the Roles of Migration and Vicariance in the Diversification of Temperate Trees. *PLOS ONE*. 8: 1-14 (IF 4).ISSN · 1932-6203.

Lodha TD, Hembram P, Tep N and Basak J. 2013. Proteomics: A successful approach to understand the molecular mechanism of plant-pathogen interaction. *Am J Plant Sc*. 4: 1212-1226 (IF 0.3). ISSN: 2158-2742

Narottam Dey

Ganie SA, Karmakar J, Roychowdhury R, Mondal TK and Dey N. Assessment of genetic diversity in salt-tolerant rice and its wild relatives for ten SSR loci and one allele mining primer of salt gene located on 1st chromosome. *Plan.SystEvol*.(Online published.DOI 10.1007/s00606-014-0999-7).

Reddy BS, Karmakar J, Roychowdhury R and Dey N. Optimization of callus induction and callus multiplication in rice (*Oryzasativa L.*) landraces. *Res in Plant Biol*. 3(5):41-44. ISSN: 2231-5101.

Roychowdhury R, Karmakar J, Adak MK and Dey N. Physio-biochemical and microsatellite based profiling of lowland rice landraces for osmotic stress tolerance. *Am J Plant Sci*. 4:52-63. ISSN: 2158-2742.

Chaya S, Karmakar J, Ganie SA, Roychowdhury R, Paul A, Adak MK and Dey N. Genetic Profiling of a small heterogeneous population presenting traditional, wild and wild relatives of rice (*Oryzasativa L.*) in relation to osmotic stress tolerance. *NBU J Plant Sci* . 7 (1): 63-69.ISSN No. 0974 6927.

Samiran Saha

Saha S, Banerjee A, Verma A, Jha CK. Oral Treatment with Aqueous Solution of Coffeacaneophora Induce Protective Immune Response to Reduce Parasite Burden in Experimental Visceral Leishmaniasis. *Am J PhytClinTher.* 2: 242-251, 2014.

C. ARTICLES AS BOOK CHAPTERS**S.P. Adhikary**

Keshri Nand Adhikary SP. Ecology of cyanobacteria on stone monuments, biodeterioration and the conservation of cultural heritage. In. *Cyanobacteria: an economic prospective*. Eds. Sharma, N.K., Rai, A.K. and Stal, L.J., Wiley Blackwell, P. 73-90, 2014. ISBN:978-119-94127-9

Adhikary SP, Sethi SK and Sahu JK. Recovery of chlorophyll-a and nitrogenase activity in different population sizes of cyanobacteria after exposure to commercial fertilizers. In. *Microbiology and applications*, Ed. Rath, C.C., Har Krishan Bhalla & Sons, Dehradun, 365-379, 2013.

Rath J, Jena M and Adhikary SP. Biodiversity analysis of soil and freshwater algae of eastern and north-eastern regions of India. In. *Ecorestoration and Biodiversity conservation*. Eds. Gupta, A. and Mishra, G.P., Avishkar Publishers, Distributors, Jaipur 302003, pp.32-54, 2013. ISBN:978-81-7910-418-7

Dr. Narottam Dey

Dey N (2013) Role of Biotechnology and Genomics in Sustainable Rice Production. In *Eco conservation and Sustainable Living*. Narosa Publishing House, New Delhi. India (ISBN 978 1-8487-216-3), Chapter 14 Page-162-166.

Participation at National & International Seminar /Conference etc.**S.P. Adhikary**

25 April 2013: Brain storming seminar on Plant Taxonomy at Botanical Survey of India, Howrah. Delivered an invited lecture.

16-18 August 2013: International conference on Conserving Biodiversity for sustainable development at NIT, Rourkella, Invited lecture.

30-31 August 2013 :National seminar on New Horizons in Biotechnology, Haldia Institute of Technology, Haldia, , Invited lecture.

22-26 November 2013: National seminar on Cryptogams from curriculum to application. At Department of Botany, University of Calcutta, Invited lecture.

7-11 December 2013: Workshop on Modern Biotechnology: applications of micro- and nano technology systems at NIT, Durgapur, Invited lecture.

24-26 February 2014: Symposium on Biotechnology and Stress Biology of Algae and Cyanobacteria, CAS Botany, Banaras Hindu University, Varanasi, Plenary lecture.

28 February-2 March 2014: National Conference on Current Trends in Life Sciences Research and Challenges ahead. Sambalpur University, Burla, Odisha, Plenary lecture.

24-25 March 2014: National conference on Bioresources and its utilization, North Orissa University, Baripada, Odisha, Chief speaker.

29-30 March 2014: National symposium of development and Biotechnology in National scenario, Utkal University, Bhubaneswar, Odisha, Plenary lecture

20-21 February 2014: 21st West Bengal State Science and Technology Congress, University of Burdwan, Chaired one session.

Amit Roy

26-28 February 2013: Antimicrobial Potentials of the Mangrove Plants from Sundarban Estuary. Poster presented by Dr. Amit Roy, 5th International Symposium on Drug Development for Orphan/Neglected Diseases at CSIR-Central Drug Research Institute, Lucknow, UP, India. Organised by CSIR- Central Drug Research Institute, Lucknow

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17-20 November 2013: Antimicrobial activity of *Sonneratiacaseolaris* bark. Poster presented by Dr. Amit Roy, 54th Annual conference of AMI & International symposium on "Frontier Discoveries and innovations in Microbiology and its Interdisciplinary Relevance" (FDMIR-2013) held at Maharshi Dayanand University, Rohtak, India on, Organised by Association of Microbiologists in India.

21-23 November 2013: Partial Cloning of a gene encoding Phosphoketolase from *Termitomyces clypeatus*. Poster presented by Dr. Amit Roy BioSangam 2013 - International Conference on "Health, Environment & Industrial Biotechnology" held at MNNIT, Allahabad, Organised by Department of Biotechnology of Motilal Nehru National Institute of Technology, Allahabad, UP.

1 - 3 February 2014: Participated National Seminar entitled "Agriculture and Biosecurity under Changing Scenario" in Palli Siksha Bhavana, Visva Bharati.

Tathagata Choudhuri

18-24th October, 2013 : Participated as a Resource person at 14th INDO-US workshop in Flowcytometry, organised by IUSTF at Bhubaneswar on the "Use of flowcytometry in Viral studies".

Jolly Basak

24-25 March 2014: Cloning and Characterization of an Amino acid Permease gene from *Phaseolus vulgaris*. Hembram P, Chakraborty N, Banerjee P, Garai P and Basak J. UGC Sponsored National Seminar on Phytoresources: Utilization and Conservation. Organized by Department of Botany, North Orissa University, Baripada.

15-16 February 2014: Screening of nine cultivars of *Phaseolus vulgaris* for resistance/ susceptibility against Mungbean Yellow Mosaic India Virus disease. Patwa N and Basak J. International symposium on Trends in Plant Science Research. Differential responses of seven cultivars of *Phaseolus vulgaris* against salinity stress. Hembram P, Bej S and Basak J. International symposium on Trends in Plant Science Research. Organized by: Centenary Celebration Committee, Department of Botany, University of Calcutta.

15-16 February 2014: Molecular cloning and in silico characterisation of an amino acid permease gene from *Phaseolus vulgaris*. Chakraborty N, Banerjee P, Garai P and Basak J. International symposium on Trends in Plant Science Research. Organized by: Centenary Celebration Committee, Department of Botany, University of Calcutta.

3-7 February 2014: Prediction of three-dimensional structure of an Amino acid Permease from *Phaseolus vulgaris* var. seville. Hembram P, Chakraborty N and Basak J. 101 Indian Science Congress, Organized by: Jammu University, Jammu.

30-31 August 2013 : Amplification and Characterization of an Amino Acid Permease Gene from *Phaseolus Vulgaris*. Chakraborty N, Hembram P, Besra A and Basak J. pg 52. Proceedings of National Seminar on New horizons in Biotechnology, Organized by: Haldia Institute of Technology, Haldia.

30-31 August 2013: Patwa N, Mall DP and Basak J. Differential responses of Mungbean Yellow Mosaic India Virus Infection in seven varieties of *Phaseolus vulgaris* (French bean). pg 47-48. Proceedings of National Seminar on New horizons in Biotechnology, organized by Haldia Institute of Technology, Haldia.

Narottam Dey

01 March 2014: Paul A, Paul A and Dey N. Genetic Diversity and Population Structure of heterogeneous collection of rice landraces. Goswami S, Labor R, Paul A and Dey N. Utilization of landraces for improvement of submergence tolerance in rice (*Oryza sativa* L.) Presented in a National symposium on Sustainable agriculture for food and nutritional security in East and North East India: prospect & future.

1-3 February 2014: Dey N. Utilization of natural genetic resources for management of abiotic stress tolerance in rice presented in a National Seminar on Agriculture and Bio-Security in Changing Scenario at Department of ASEPAN, Visva-Bharati.

30-31 August 2013: Karmakar J, Goswami S and Dey N. Study of Plant Growth Promoting Rhizobacteria (PGPR) for abiotic stress tolerance. Presented in a National Seminar on New Horizons in Biotechnology, Department of Biotechnology, Haldia Institute of Technology, Haldia.

23-25 November 2013: Dey N. Traditional Rice Germplasm-its significance and Utilization. Karmakar J, Goswami S and Dey N. PGPR and Abiotic stress tolerance, presented in the 5th Indian Youth Science Congress in Visva?Bharati University, Santiniketan.

Dr. Samiran Saha

15-17 February 2014 Co-Chairman in three technical sessions. Partial identification and characterization of antioxidant activity of the components in methanolic extract of *Tinosporacordifolia* through thin layer chromatography. Ganguly S, Sinha S, Banerjee A and Saha S. International Seminar on the Progress and Prospect of 21st Century Research in Advance Life Sciences. Department of Botany, Vivekananda Mahavidyalaya, Haripal, Hooghly.

26 June-16 July 2013: Oral presentation entitled 'Control of Leishmaniasis: A Global Challenge' in the refresher course at Department of Food Technology and Biochemical Engineering, Jadavpur University.

Others

Nilanjana Das

11 October-10 November 2013: Visit to Edinburgh through INSA Royal Society of Edinburgh Bilateral Exchange fellowship 2013.

S. P. Adhikary

21 January-5 February 2014: Visited Mosonmagyaróvár, University of West Hungary at through UGC-Indo-Hungary Educational Exchange Program 2013-14.

Member of the Faculty Advisory Committee in the Centre for Advanced Studies in Botany, School of Life Sciences, Banaras Hindu University, Varanasi, 2013-14.

Member of the Faculty Advisory Committee in the Centre for Advanced Studies in Botany, North Eastern Hill University, Shillong, Meghalaya, 2013-14.

Member of Research Advisory Committee of the National Institute of Abiotic Stress Management, Baramati, Maharashtra, 2013- 2014.

Member of the monitoring committee of CSIR for the program "New Millennium Indian Technology Leadership Initiative, NMITLI" on "Biofuel from marine algae", 2013.

Member of the judging committee of ICAR, New Delhi for Jawaharlal Nehru Award for Outstanding doctoral thesis research in Agricultural and Allied Sciences, 2014.

Member of the expert committee of ICAR, New Delhi for Swami Sahajananda Saraswati outstanding extension scientists Award in Agricultural Sciences, 2013.

Member of the Consortium Advisory Council of the project of ICAR "Toll-like receptors in phylogenetically divergent fish species-their contribution in modulating the innate immunity", 2014.

Member of the Executive Council of the National Academy of Agricultural Sciences in the sectional committee on Natural Resource Management, 2014.

Member serving as reviewer for web based course in NPTEL on Fundamentals of Microbiology coordinated by IIT, Chennai, 2013.

Member of the Advisory committee of the P.G. Dept. Biotechnology, TilakMajhi Bhagalpur University, Bhagalpur, 2013-14.

Member of the selection committee for appointment of faculty positions at Central University, Jharkhand and F.M. University, Balasore, 2013-14.

7 October 2013: Refresher course in Life Sciences at Academic Staff College, North Bengal University. Delivered two lectures as Resource person.

Reviewer of paper submitted to the following journals: (i) Gene (Elsevier); (ii) Photochemistry and Photobiology (Elsevier); (iii) Journal of Applied Phycology (Taylor & Francis); Indian Journal of Microbiology (Journal of Association of Microbiologists of India); Phycos (Phycological Society of India); Seaweed research and Utilization Journal

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(Seaweed Research and Utilization Association); Current Science; Arid Land Management (Elsevier), Biology and Fertility of Soils (Springer); Agricultural Research (Springer)

Tathagata Choudhuri

Editorial Board member (Associate Editor) for the Journal Virus Disease published by Springer on behalf of Indian Virological Society

Editorial Board member (Associate Editor) for the Journal of Immunology and Vaccine Technology

Member (external expert) for Bio-safety committee of IMGENEX India,

Member for review committee concept notes received in the medicinal and aromatic plants project at ICAR Research Complex Barapani on 31st July 2013.

Member Advisory committee medicinal and aromatic plants board at ICAR Research Complex Barapani.

Reviewer of paper submitted to the following journals: Virology (Elsevier), PIOS1, Virus Disease (Springer), Scientific Communications (Science)

Jolly Basak

Member of the Moderation Board of the P.G. Microbiology Dept., Burdwan University, 2013-14.

Reviewer of paper submitted to Indian Journal of Biotechnology.

6. Research projects from funding agencies operated as PI during 2013-14:

S.P. Adhikary

Lab-to-Land project entitled 'Development of seaweed liquid fertilizer from seaweeds of Chilika lake for pulses and vegetable crops and entrepreneurship development in rural areas' sponsored by Department of Science and Technology, Govt. of India, New Delhi, 2011-2014. The project will be implemented in the villages in the Bolpur block adapted by Palli-Siksha Bhavana of Visva-Bharati and villages close to Chilikalake of Orissa in Ganjam district with an aim to develop entrepreneurs in seaweed liquid fertilizer among farmers, unemployed youth, SSGs in rural areas of West Bengal and Orissa. Amount sanctioned: Rs.10,61,000/-

MOU between Visva-Bharati and University of Rome "Tor Vergata" on "Biotechnologies and nanotechnologies for cultural heritage"; PI in Visva-Bharati Prof. S.P. Adhikary & PI in University of Rome Prof. Patrizia Albertano, Head of Phycology group, Biology Division; 2011-2014.

Dr. B.P. Pal National Environmental Fellowship Award on Biodiversity project of Ministry of Environment and Forests, Govt. of India on " Biodiversity assessment of algae and cyanobacteria from eastern Himalaya and hotspots of North-eastern region"; 2012-2014.

Amit Roy

UGC, Govt. of India funded research project entitled "Screening and characterization of antimicrobial compound(s) from *Ceriops decandra*, a beneficial mangrove plant from Indian Sundarban estuary", 2011-2013, Rs.9.15 Lakhs.

Tathagata Choudhuri

DBT funded project entitled "Replication in KSHV Latent DNA-a mechanistic approach", 2010-13, Rs. 30 lakhs.

DBT funded project entitled "Evaluate the mechanism of resveratrol mediated apoptosis in cigarette smoke induced breast cancer", 2010-13, Rs. 34.52 lakhs.

DBT funded project entitled "A comprehensive understanding of the Nasopharyngeal Carcinoma (NPC) in the North-Eastern Region of India, 2011-16, Rs. 799.34 lakhs.

Nilanjana Das

CSIR sponsored research project entitled "Evaluation of age-associated alterations in anti-oxidative defence in *Saccharomyces cerevisiae* and its role in accumulation of oxidative stress" 2013-15, Rs. 28 Lakhs.

UGC sponsored minor research project entitled "A study on the probable reasons behind selective susceptibility of proteins to age and/or oxidative stress using bioinformatics tools", 2013-2015 for Rs 1.2 Lakhs.

Jolly Basak

DST-Fast Track Research project entitled: "cDNA-AFLP to identify differentially expressed genes in Vignamungo upon inoculation with Mungbean yellow mosaic India virus" 2012-2015, Rs. 24 Lakhs

DBT, Govt. of India sponsored Research project entitled: "Identification and characterisation of Phaseolus vulgaris microRNAs differentially expressed in biotic stress condition by deep sequencing of small RNA transcriptomes; 2012-2015, Rs. 44.5 Lakh

Narottam Dey

DST, Govt. of West Bengal funded project entitled "Biochemical and Molecular Profiling of West Bengal Folk Rice Germplasm with reference to Abiotic Stress Tolerance" 2011-2014 Total sanction money-Rs. 10, 26,800/-

UGC, Govt. of India funded project entitled "Allele Mining for Stress Tolerance in Traditional and Wild Relatives of Rice (Oryza sativa L.)" funded by UGC." 2011-2014. Total sanction money-Rs. 8, 99, 300/

Samiran Saha

UGC, Govt. of India funded research project entitled 'Therapeutic and immune-modulatory potential, and mechanism of action of Tinospora spp. against visceral leishmaniasis', 2013-16, Rs. 13.19 Lakhs.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

The M.Sc. Biotechnology syllabus with semester system was re-revised in 2013-15 and implemented from the academic year 2013-15 basing on the expertise of the 7 faculties of the Department, distribution of the syllabus for teaching equally with emphasis on the basic biotechnology courses in the 1st and 2nd semester, and the applied courses including IPR, entrepreneurship and project work in the 3rd and 4th semester and with elective papers under the supervision of each faculty in the 4th semester, and also with a provision of choice based credit system for other courses of the University.

A brief history of the Development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

Biotechnology course at M.Sc. level was started at Visva-Bharati under the school of Life Sciences in the year 1997 with an intake of 10 students. Subsequently in the year 2004 the course was supported by the Department of Biotechnology through the DBT-HRD programme, and the students admitted into the course are those who qualify the joint entrance examination conducted by JNU for the course with an intake of 10 students per year. From the year 2009-10 it was increased to 15 and from 2010-11 it is 19 per year. The students receive scholarship @ Rs.3000 per month besides Rs.50,000/- per student for project work leading to a dissertation. The Centre for Biotechnology teaching was given Departmental status by the University from 2012-13 academic session. Presently the Department has state-of-art facilities in teaching and research at present under the guidance of seven permanent faculties with diverse field of specialization under Biotechnology. The syllabus is almost the same followed for Biotechnology course at the National level. Presently the teachers have grants through projects from UGC, DST, DBT, MOEF and WB-DST and in addition a MOU with University of Rome for international collaborative research has been implemented. Apart from that the yearly DBT-HRD grant for the course is showing its potential for development in the years to come.

CENTRE FOR MATHEMATICS EDUCATION

List of Publications in peer reviewed (National) Journals/ Books/ Proceedings:

Ph.D. Scholars registered/Theses submitted/ awarded during the academic year:

Name of Scholars	Research topic	Name of Guide	Ph.D. status
Avijit Roy	A study on mathematical creativity and some of its correlates of seventh and eighth standard Bengali medium school students	Prof. S. K. Samanta & Dr. Alok Sensarma	
Dilip Kumar Guin	Identification of the causes of anxiety and phobia in mathematics among the students of secondary schools and evolving a strategy for minimizing the same	Prof. S. K. Samanta & Prof. Taraknath Pan	

Conference/ Seminar/ Workshops/Symposia attended by the teachers:

Seminar/ Conference/Workshops/Symposia organized by the Department:

1. Workshop: Mathematics Teaching under Semester System at Undergraduate Level: Perspectives and Strategies, 1-2 March, 2014

2. Extension Programme:

Extension Programme in Mathematics at three venues

- (i) Silut Basantapur High School: 30-31 January, 2014
- (ii) Simlapal Madan Mohan High School: 15. 02.2014
- (iii) Sriniketan Community Hall; 25-26 February, 2014

Integrated Science Education & Research Centre (ISERC)

Name of the Department : Integrated Science Education & Research Centre (ISERC)

Name of the student qualified in UGC/CSIR/NET/SLET and GATE:

ISERC has started its first session with the first batch of students for the Five-Year Integrated M. Sc. in Physical Science in 2009. Two of our students from the first batch, Mr. Abhinav Bajpai and Mr. Dattatreya Mujumdar qualified GATE 2014.

Departmental Seminar: One

(i) DST INSPIRE CAMP during January 13-17, 2014

National and International standard Conference/Seminar/Workshop etc. attended by the Teacher/Research Scholar

Subrata Sinha

1-2 March 2014: National Workshop on Mathematics Teaching Under Semester System at Under Graduate Level: Perspectives & Strategies in Centre for Mathematics Education, Visva-Bharati.

Susanta Ghosh

1-2 March 2014: National Workshop on Mathematics Teaching Under Semester System at Under Graduate Level: Perspectives & Strategies in Centre for Mathematics Education, Visva-Bharati.

9 March 2014: One day National Seminar on Recent Trend in Chemistry in the Department of Chemistry, Visva-Bharati.

Umesh Kr. Singh

5-8 August 2013: Orientation Programme on Right to Education in National University of Educational Planning and Administration, (NCERT Campus), New Delhi.

22-23 November 2013: National Seminar on Environmental Issues: Protection, Conservation And Management in Visva-Bharati, Santiniketan.

6-9 December 2013: Fifth Indian Youth Science Congress in Visva-Bharati, Santiniketan.

1-2 March 2014: National Workshop on Mathematics Teaching Under Semester System at Under Graduate Level: Perspectives & Strategies in Centre for Mathematics Education, Visva-Bharati.

21-25 March 2014: One week workshop programme on "GROUND WATER" sponsored by Technical Education Quality Improvement Programme (TEQIP-II) in the Department of Civil Engineering, College of Technology, G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand State.

Swapan Kr. Pandit

1-2 March 2014: National Workshop on Mathematics Teaching Under Semester System at Under Graduate Level: Perspectives & Strategies in Centre for Mathematics Education, Visva-Bharati.

21-25 October 2013: International Workshop on Advances in PDE Modelling and Computation 2013 (APDEMC-2013) in Indian Institute of Technology Madras, India.

12-14 February 2014: International Conference on Emerging Trends in Applied Mathematics 2014 (ICETAM-2014) in Calcutta University, India.

On-going Research Projects in the Department:

Subrata Sinha

'Dye sensitized solar cell: photo-induced electron transfer in porphyrin based donor-acceptor dyads attached to nano-structured films' for 4 years (2010 - 2014) for an amount of Rs.31,80,463.00 funded by DAE-BRNS.

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Umesh Kr. Singh

'Water quality assessment of river Ajoy - A tributary of River Ganga' for 3 years duration (2013 - 2016)' for an amount of Rs. 12,06,800.00 funded by UGC, New Delhi

Extension activities organised by the department and participated by the teachers and students of the Department:

Teacher's Day was observed in a solemn programme by the students of Integrated Science Education and Research Centre (ISERC)

Publications within the year April 2013- March 2014

Papers published in Journals: 1 in National and 11 in International

Subrata Sinha (Physics)

Papers published in peer reviewed journals

'Zinc iodide: a mild and efficient catalyst for one-pot synthesis of aminoindolizines via sequential A3 coupling/cycloisomerization' by Subhajit Mishra, Avik Kumar Bagdi, Monoranjan Ghosh, Subrata Sinha, Alakananda Hajra, RSC Adv., 4, 6672-6676, 2014.

'Ground state charge transfer complex formation of some metalloporphyrins with aromatic solvents' by Mihir Ghosh, Biswajit Roy, Abhimanyu Jha, Subrata Sinha, Chem. Phys. Lett., 592, 149-154, 2014.

'Photophysics of Soret-excited free base tetraphenylporphyrin and its zinc analog in solution' by Mihir Ghosh, Aruna K. Mora, Sukhendu Nath, Asit K. Chandra, Alakananda Hajra, Subrata Sinha, Spectrochim. Acta Part A: Mol. Biomol. Spectrosc., 116, 466-472, 2013.

'Fluorescence self-quenching of tetraphenylporphyrin in liquid medium' by Mihir Ghosh, Sukhendu Nath, Alakananda Hajra, Subrata Sinha, J. Lumin., 141, 87-92, 2013.

Papers Presented in Conference/Invited talks

6-9 January 2014: 'Photoinduced electron transfer in porphyrin based donor-acceptor system in liquid medium' by S. Sinha, 'Ground state complex formation of metalloporphyrins with aromatic solvents' by M. Ghosh and S. Sinha, 'Photophysical studies of zinc tetrapyrrolylporphyrin in liquid media' by B. Roy and S. Sinha, and 'Photophysics of poly(9,9-di-(3-ethylhexyl)-9H-fluorene-2,7-vinylene) in liquid medium and thin film' by S. Layek and S. Sinha were presented at the Trombay Symposium on Radiation and Photochemistry (TSRP-2014) in BARC, Mumbai, India,

17-21 September 2013: 'Basic experimental techniques in UV-visible spectroscopy' by S. Sinha, 'Solvent sensitivity of free base octaethylporphyrin' by M. Ghosh and S. Sinha, 'Photophysics of free base tetrapyrrolylporphyrin' by B. Roy and S. Sinha, were presented at the Modern Methods in Materials Processing and Characterization (M3PAC - 2013), in the Department of Physics, NIT Durgapur, India,

20-22 March 2013: 'Solvent effect on the photophysical properties of porphyrins' by M. Ghosh and S. Sinha, was presented in the National Symposium on Radiation and Photochemistry (NSRP-2013), Department of Chemistry, NEHU, Shillong, India.

13-17 January 2014: 'Light: what we see and beyond' at the DST Inspire Internship Winter Camp, in ISERC, Visva-Bharati.

21 March 2014: Two lectures 'Prompt light from plastic' and 'Delayed light from plastic' delivered during the Refresher Course in Chemistry, in the Department of Chemistry, NEHU, Shillong.

22-28 March 2014: 'Fundamentals of UV-visible spectroscopy: Winter School on Advances in Laser Spectroscopy and Applications' in Department of Physics, Banaras Hindu University.

Susanta Ghosh (Chemistry)

Papers published in peer reviewed journals

'Electro Oxidation Study of Isopropanol in Surfactant Media' by Abhik Chatterjee, Susanta Ghosh and I. Basumallick in Research and review in electrochemistry, 4(4), (2013), 136-139.

'One pot synthesis of Zr⁴⁺ doped carbon coated LiFePO₄ cathode material for rechargeable Li-ion battery' by Bikash Mandal, I. Basumallick and Susanta Ghosh, in British Journal of Applied Science & Technology, 4(10), 2014, 1509 - 1519.

Papers Presented:

'Electrochemical studies on Li⁺/K⁺ ion exchange behaviour in K₄Fe(CN)₆ cathode material for Li, K-ion battery', presented as a poster in the 5th Indian Youth Science Congress (chemistry section) held at Visva-Bharati University, Santiniketan during 6-9th December, 2013.

Dr. Mahasweta Nandi (Chemistry)

'Adsorption over polyacrylonitrile based carbon monoliths', Mahasweta Nandi, Arghya Dutta, Astam Kumar Patra, Asim Bhaumik and Hiroshi Uyama, AIP Conference Proceeding 298 (2013) 1512.

'Peroxidative addition of cycloalkane by di-, tetra- and polynuclear copper(II) complexes', Mahasweta Nandi and Partha Roy, Indian Journal of Chemistry, Section A52A (2013) 1263-1268.

Synthesis of mesoporous hollow silica nanospheres using polymeric micelles as template and their application as a drug-delivery carrier, Manickam Sasidharan, Haruna Zenibana, Mahasweta Nandi, Asim Bhaumik and Kenichi Nakashima, Dalton Transactions 42 (2013) 13381-13389

Umesh Kumar Singh (Environmental Science)

Paper presented in Conference

Balwant Kumar, Umesh Kumar Singh, Pankaj Mehta "A review of air pollutants and its impact on human health" National Seminar on Environmental Issues: Protection, Conservation And Management (November 22-23, 2013), Visva-Bharati, Santiniketan.

Swapan Kumar Pandit (Mathematics)

Papers published in peer reviewed journals

Higher Order Compact Computations of Transient Natural Convection in a Deep Cavity with Porous Medium, Swapan K Pandit and Anirban Chattopadhyay, International Journal of Heat and Mass Transfer, 75 (2014) 624-636.

Paper presented in Conference

'Compact computations of transient flow in a rectangular cavity ' by Swapan K Pandit in International Workshop on Advances in PDE Modeling and Computation 2013 (APDEMC-2013) at Indian Institute of Technology Madras, India.

'Numerical Simulations of Mixed Convection in a Porous Double Lid Driven Cavity' by Anirban Chattopadhyay, Sreejata Sensarma, Swapan K Pandit in an International Conference on Mathematical Modeling and Computer Simulation with Applications- 2014 (ICMMCSA-2014) at the Indian Institute of Technology Kanpur, India.

'Numerical Simulations of Natural Convection and Entropy Generation in a Square Cavity with an Adiabatic Body', by Swapan K Pandit , 'Numerical Solutions of Incompressible Viscous Flows in a Double Lid Driven Cavity' Swapan K Pandit, Anirban Chattopadhyay, Sreejata Sensarma and 'Numerical Solutions of Incompressible Viscous Flows in a Double Lid Driven Cavity' by Hemanta Karmakar, Swapan K Pandit in the International Conference on Emerging Trends in Applied Mathematics 2014 (ICETAM-2014), at Calcutta University, India.

Nilanjan Bondyopadhyaya (Physics)

Papers published in peer reviewed journals

'Statistics of scattered photons from a driven three-level emitter in a one-dimensional open space' by Dibyendu Roy and Nilanjan Bondyopadhyaya, Physics Review A, 89, (2014) 043806.

'Topologically trivial zero-bias conductance peak in semiconductor Majorana wires from boundary effects' by Dibyendu Roy, Nilanjan Bondyopadhyaya and Sumanta Tewari, Physics Review B, 88 (2013) 020502.

Designing New Course/ Curriculum or any other teaching innovation introduced by the Department.

The centre has also started the Ph.D. programme in Physics (Spectroscopy, High Energy Physics) Chemistry (Electrochemistry, Material Science), Environmental Science (Hydrogeology, Water & Soil Pollution), Mathematics

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(Computational Fluid Dynamics) and Life Science (Cancer Biology, Neurobiology, Molecular Diagnostics).

As per DST-INSPIRE FELLOWSHIP guidelines, students are recommended to different national institutes and universities like IIT-Bombay, IIT-Delhi, IIT-Guwahati, IIT-Chennai, IIT Kharagpur, TIFR, Mumbai and IISc, Bangalore for doing their project work with their mentors.

Brief history of the development of the Centre/ Department concerned with an indication of the future plans for development.

University Grants Commission in its XI Five-Year Plan has accepted the recommendation of The High Level Committee (HLC) as constituted by The Paridarsaka (Visitor) of Visva-Bharati University, The Honorable President of India, to introduce a Five-Year Integrated Programme in Physical Science under Siksha-Bhavana (Institute of Science), Visva-Bharati. During last academic year, Life Science has been introduced to Five Year Integrated Programme. The course is intended for attracting highly motivated students to research and education in basic sciences. After successful completion of the course, a Five Year Integrated M. Sc. degree with Physics/Chemistry/Mathematics/Life Science major will be awarded to the candidates.

Any other relevant information:

Dr. Swapan Kumar Pandit, participated in the 5th Refresher course in Information Communication Technology at Academic Staff College, The University of Burdwan, during 11th September to 1st October 2013.

KALA-BHAVANA (Institute Of Fine Arts)

The first seeds of modern Indian art were planted in Kolkata at the end of the 19th century by E. B. Havell and Abanindranath Tagore. Following this Kala-Bhavana (Institute of fine Arts) was founded in 1919 i.e. two years prior to establishment of Visva-Bharati (1921). Here Nandalal Bose began to develop a new art movement on the basis of Rabindranath's philosophy of education and the role of culture in nation building. As his efforts took shape, Kala-Bhavana became one of the core institutions of Visva-Bharati.

A direct reflection of the success of the teaching programme of Kala Bhavana is its large number of distinguished alumni. They include Bendode Behari Mukherjee, Ramkinkar Baij, Satyajit Ray, Krishna Reddy, Prithwish Neogy, Hariharan, Jaya Appaswamy, K. G. Subramanyan, Jagdish Mittal, Sankho Choudhury, Riten Mazumdar, Kripal Singh Shekhawat, A. Ramachandran, Balbir Singh Katt, Sheela Gowda, Sitichai (Thailand), Shakuntala Kulkarni and others, to name a few who have made their mark in such diverse fields as painting, sculpture, murals, environmental art, textile design, commercial art, filmmaking, pottery, printmaking, museology, art history, art criticism, book illustration, and more remarkably demonstrated a high level of interdisciplinary versatility. Besides making their mark as creative humans, many ex-students have made a great impact on Indian art education as teachers at the various art colleges.

Kala Bhavana has at present five departments devoted to five streams of studies:

Painting (with Mural section), Sculpture, Graphic Art (Print making), Design: Textile and Ceramic & Glass and History of Art.

It has 4-year undergraduate (honours) and diploma programmes and 2-year postgraduate and advanced diploma programmes in all these areas. In the initial year of the undergraduate course they are made to go through an integrated programme before going in for three years of specialization, and the studios are so organized as to make inter-departmental contacts possible even later. In addition to these, there is a Ph.D. programme with facilities for research in the areas of traditional, modern, non-professional, and folk art, a 2-year course in crafts, and a one-year introductory course for foreign students who wish to familiarize with aspects of Indian art studies and practice. Apart from the academic departments, there is also a museum with a collection of remarkable excellence and diversity covering large number of art works of Rabindranath Tagore, Abanindranath Tagore, Gaganendranath Tagore, Nandalal Bose, Binod Behari Mukherjee, Ramkinkar Baij among others beside the traditional arts of India, Japan and China, a large representation of textiles, masks, toys, folk paintings and sculptures, and a cross-section of early modern Indian art.

Another area to be mentioned is a rare collection of books in Kala-Bhavana Library. It started in early days of Kala-Bhavana when Gurudev Rabindranath Tagore himself started collecting books from across the globe. The Bhavana is now introducing a centre for Interdisciplinary Art Practice to support the growing need for new age art practice, beside the traditional structure of specialization-based art schooling.

DEPARTMENT OF DESIGN

Only National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/ Research scholars in details:

Workshop of the Department of Design Kala-Bhanana 2013-2014

Organised a Workshop on 5th September, 2013 on the occasion of "Teacher's Day" at Malancha, Santiniketan.

Organised a Workshop in the Department of Design in Ceramic along with eminent ceramist P.R. Daroz in the month of March 2014.

Organised a Workshop in the Department of Design in Ceramic along with eminent ceramist Nok Wanvisa Jaikrachang in the month of February 2014.

Organised a Workshop in the Department of Design on Textile Design Software Application in the year 2014.

ASHOKE BHOWMIK

EXHIBITION:

"Praxis" A Group Show at Lalit Kala Academy Patna.2013.

Exhibition of graphic print at CIMA ART GALLERY, KOLKATA, 2013.

Participated in an Exhibition organized by Chitra kala parishad at Academy of Fine Arts, Kolkata.2014.

"Praxis" A Group Show at Lalit Kala Academy, New Delhi, 2013

AWARDS:

Received 'Shilpi Sammana 2014' from Ministry of Information and Culture, Government of West Bengal.

WORKSHOP:

Participated in a workshop on 5th September, on the occasion of "Teacher's Day" at Malancha, Santiniketan.2013

Graphics workshop at KALA BHAVANA, 2013

SISIR SAHANA

OTHERS:

Participated in a Group Show of all Faculty members of Kala-Bhavana at Patna.

Participated in a Group Show of all Faculty members of Kala-Bhavana at Rabindra Bhavan, New Delhi, 2013

Invited by Burapha University, Thailand to develop Memorandum of understanding for Students Exchange Program with Kala-Bhavana.

FILM MAKING:

Documentary Film:

Directed a documentary film 'Suryaprakash: A journey through 'Life and Art'. The Film was screened in the New Hope Film Festival, USA, in June, 2013.

Directed and produced a documentary film named:

'Nandan Mela, Kala-Bhavana and Santiniketan -A Collective Spirit'.

Film was screened at Kala-Bhavana, attended by The Vice chancellor, Visva-Bharati. 2013

Film was screened at Burapha University, Thailand and The Indian Council for Cultural Relations, Kolkata, 2014.

GOUTAM KUMAR DAS

EXHIBITION:

Participated in 27th Asian International Art Exhibition at Ratchamnoen contemporary Art Centre, Bangkok, Thailand January 19, March 22, 2013.

Participated in an exhibition at Patna, Bihar organized by the Kala-Bhavana & Bihar State Govt. 2014.

Invited and participated in the 1st International Art workshop & exhibition at Sanghai and Changhu, China, 2013.
Invited and participated in the 1st International Art workshop & exhibition at Naresuan University, Phitsanulok, Thailand 2013.

Participated in an Exhibition organised by Aakrity Art Gallery at Royal Calcutta Turf Club in March, 2013.

WORKSHOP:

Invited and participated in Pohchang 9th International Art Festival & workshop in Thailand, Organized by the Raja Mangala University, 2013.

Participated in an International Workshop at Silpakorn University, Thailand in the year 2014.

Invited and participated in the International Ceramic workshop along with two M.F.A. Students, organized by, Silpakorn University, 2013.

OTHERS:

Visited Burapha University Thailand for the MOU in the February, 2014. Participated on the occasion of Bachawat Foundation Art Day at Royal Calcutta Turf Club. One Sculpture Trophy had been presented to the Race Winner, which had been designed and executed in March, 2013.

WORKSHOP:

Participated in Kala-Bhavana Teachers Workshop in the year 2013.

PRASUN KANTI BHATTACHARYA

OTHERS:

"Praxis" A Group Show participated in the Kala Bhavana Teachers' exhibition at Lalit Kala academy, New Delhi, AT Sangit Kala Academy, Patna, Bihar, Nov. 2013

Exhibition of graphic print at CIMA, Art Gallery, Kolkata, 2013.

Exhibition of Painting at Emami Cheasel Art Gallery, Kolkata, 2013.

Participated in an exhibition, "Jaxtapose" (a conference of Art & interior Design), at Harrinton Street Art Centre, Kolkata-71, 2014.

Participated in a National level exhibition at ICCR, Kolkata, in the event of 158th birth anniversary of Swami Vivekananda, 2014.

WORKSHOP:

Participated in the Kala Bhavana Teachers' Workshop, on Tapestry organized by Kala Bhavana Teachers' 2013.

DEBASISH MAHALANOBISH

SEMINAR:

Participated in the National Level Seminar on 'Recent Trends in Geographical Research', organized by Foundation of Practicing Geographers and paper submitted on 'Galaxy of Temples at Khardah Village inquisitive search by her son of the soil'.

CONFERENCE:

Participated and presented paper in International Conference on Geography, organized- by Burdwan University, 2013.

OTHERS:

Acted as the Jury-member of the State Level Painting Competition on Energy Conservation, organized by D.V.C.

PUBLICATIONS

"The Saga continues - Nature, culture webbed with crafts"; in the National Conference on Emerging Trends in Textiles, Fibre & Apparel Engineering, organised by Department of Textile Technology, Government College of Engineering & Textile Technology, Berhampore, 2013. (ISBN: 978-1-63068-205-7)

"Tot potent mystery of the 26 Shiva temples at Khardah: Search by her son revealed"; in Journal of the Foundation of Practising Geographers- Volume 17, Number 2, winter 2013. (ISSN 0975-3850)

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The Triad : Nature, Artist and the Design"; in the 35th Indian Geographers' Meet & International Conference, organised by Department of Geography, The University of Burdwan, 2013.

"Ritualism binded with Nature The Thread of Saptoparni"; in the National Seminar on Research Frontiers In Man-Nature Interface, organised by Department of Geography, Visva-Bharati & Foundation of Practising Geographers, Kolkata, 2014.

"Galaxy of Temples at Khardah Village: Inquisitive Search by Her Son of the Soil"; in the National Seminar on Recent Trend in Geographical Research , organised by Foundation of Practising Geographers, Kolkata, 2013.

OTHERS:

'Beneath The Surface', a group show of experimental works by faculty members of Kala-Bhavana, at CIMA, 2013.

'Praxis', a group exhibition of the faculties of Kala-Bhavana at Lalit Kala Akademi, Rabindra Bhavan, New Delhi, 2013

'Praxis', a collective show of Kala-Bhavana faculties on 2013, at Patna Art Gallery.

Participated in the Kala Bhavana Teachers' Workshop , on Tapestry organized by Kala Bhavana Teachers' 2013.

KRISHNENDU BAG

OTHERS:

'Beneath The Surface', a group show of experimental works by faculty members of Kala-Bhavana, at CIMA, 2013.

'Praxis', a group exhibition of the faculties of Kala-Bhavana, at Lalit Kala Academy, Rabindra Bhavan, New Delhi, 2013.

'Praxis', a collective show of Kala-Bhavana faculties at Patna Art Gallery, 2013

'The Saffron Rebel', an exhibition of paintings, sculptures, and graphics to commemorate 150th Birth Anniversary of Swami Vivekananda, at Nandalal Bose and Jamini Roy Art Galleries ICCR Kolkata, 2013.

WORKSHOPS:

Participated in Kala-Bhavana faculties' workshop in Textile Frame Mural and Tapestry at Malancha, Santiniketan, and acted as a Convener and Resource Person, 2013

Acted as a Convener and Resource person in the Inter Department Students' Workshop on Batik with Natural Dyes, organized by Design Department, Kala-Bhavana, Visva-Bharati, 2013.

Convener and Resource person in the Departmental Student (M.F.A) Workshop on Textile Frame Mural (Fibre Art), organized by Design Department, Kala-Bhavana, Visva-Bharati, from 01st November-21st November 2013.

DEBASISH DAS

OTHERS:

"Akhil Bharatiya (Ceramic) Mati Pradarshani" at Bharat Bhavan, Bhopal, 2013.

Participated in a group show organized by Aranna Publishers for Celebrating One year Presidency of Pranab Mukherjee, Hon'ble President of India, at Kolkata & Delhi, 2013.

"Praxis" A Group Show at Lalit Kala Academy, New Delhi- 2013.

"Praxis" A Group Show at Lalit Kala Academy. Patna. 2013.

Participated in a group show "Mark on Clay" organized by "Maya Art Space" gallery at Kolkata 2014.

WORKSHOP:

Participated in a workshop at Malancha, Santiniketan, 2013

Participated in a workshop in the Department of Design in Ceramic along with eminent ceramist P.R. Daroz in the month of March 2014.

Participated in a workshop in the department of Design in Ceramic along with eminent ceramist Nok in the month of February 2014.

BHAVNA KHAJURIA BASUMATARY

SEMINARS

Attended International Seminar, "Crony Journalism: redefining journalistic practices" organized by Centre for Journalism & mass communication (CJMC), Visva-Bharati, Santiniketan-2014.

Others:

Group show at Lalit Kala Academy, Patna-2013.

Invited participant at a group show at Indian Council for Cultural Relations, Kolkata-2013.

Group show at Lalit Kala Academy, Rabindra Bhavana, New Delhi - 2013.

WORKSHOPS

Participation in Kala Bhavana Teachers' Workshop on weaving, at Kala Bhavana, Visva Bharati, Santiniketan-2013.

MADI LINDA

SEMINAR:

Participated in a National Level Seminar at Banaras Hindi University, Varanasi in the year 2014.

EXHIBITION:

"Praxis" A Group Show at Lalit Kala Academy, New Delhi, 2013.

"Praxis" A Group Show at Lalit Kala Academy, Patna 2013,

"SANIPARAB" Group Art Exhibition- 2013, Art, Culture Dept, Jharkhand, 2013

Kala Symposium- 2013 Kala -Bhavana Ranchi Art, Culture, Dept, Jharkhand, 2013.

Group Exhibition- 2013 Kala -Bhavana Ranchi Art, Culture, Dept, Jharkhand, 2013.

WORKSHOP:

Coordinated a Workshop on Ceramic at National Ball Bhavana (NTRC) New Delhi, 2013

Participated in a workshop at the Department of Design in Ceramic hosted by the eminent ceramist P.R. Daroz in the month of March 2014.

OTHERS:

Acted as external examiner at Banaras Hindu University for BFA 8th Semester Examination, 2014

ANUPAM CHOWDHURY

OTHERS:

Praxis" A Group Show at Lalit Kala Academy, New Delhi. 2013

"Praxis" A Group Show at Lalit Kala Academy. Patna, 2013

WORKSHOPS:

Participated in a workshop at Malancha, Santiniketan, 2013

Participated in a workshop at the Department of Design in Ceramic hosted by the eminent ceramist P.R. Daroz in the month of March 2014.

Participated in a workshop in the Department of Design in Ceramic along with eminent ceramist Nok in the month of February 2014.

ARCHANA DAS

EXHIBITIONS:

"Praxis" A Group Show at Lalit Kala Academy, New Delhi, 2013

"Praxis" A Group Show at Sangit Nattaya Sabhaghar, Patna, 2013

"Mrittika2" A Ceramic Group Show at Bharat Bhawan Bhopal, 2014

WORKSHOP

A joint workshop on Textile Tapestry at Malancha Kala Bhavana, Santiniketan, 2013

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A brief history on the development of the Bhavana/Sadana/Bibhag concerned with an indication of the future plans for development.

The Department of Design consists of two major design courses of studies, viz. the BFA/DFA, MFA/Advanced Diploma in Textile Design and BFA/DFA, MFA/Advanced Diploma in Ceramics and Glass Design. Besides these two major courses, there is also a course of two years Certificate course in Design, One Year Foreign Casual Course in Design, and One Year Indian Casual Course in Design, under the same roof of Design Department. The Department has a panel of expert teachers who have established themselves in their respective fields with their outstanding creative performances. The academic session of 2013-2014, has ended satisfactorily.

As in past, the Department has organized Nandan Mela with the works of teachers and students on the occasion of Birth Anniversary of Acharya Nanda Lal Bose, successfully. Apart from the scheduled academic activities, the students are participating in different workshops/Exhibitions too.

The Department of Design strives to be the appropriate venue for certain courses which are not available in Art Colleges elsewhere, such as courses in organic and traditional materials. The Department of Design is playing an important role in the contemporary creative field of Textile Design, both in India & abroad.

DEPARTMENT OF SCULPTURE

Departmental seminar/Workshop (Speakers, Title of the Seminar, Date)

16th November 2013. Slide show Presentation and Talk by Stephen Cox (Eminent British Sculptor).

Only International Standard conference/seminar/workshop exhibition etc attended by teachers/research Scholars in Detail.:

PANKAJ PANWAR

Exhibitions (Invited Participation)

Art Exhibition at The Danish Embassy, New Delhi 2013

Kala-Bhavan Teachers Exhibition at Lalit Kala Academy, New Delhi 2014

20th Anniversary Exhibition, CIMA, Kolkata, 2013-14

"Mrutika".. National Ceramic Exhibition at Bharat Bhavan, Bhopal, 2014

Open Air Sculpture Project at Lalbandh, Santiniketan 2014. (ongoing)

Invited Participation:

Scholar/Artist in Residence at R.L.V. College of Music and Fine Arts, Tripunithura, Kerala 2014.

Visiting Fellow at the Faculty of Fine Arts, Tripura University 2014

Chancellor's (Governor, WB) Nominee for Selection / screening committees of Rabindra Bharati University 2013

External Expert Member of the Selection Committee (Sculpture, Visual Arts), BHU, Banaras. 2013.

Subject Expert (Sculpture), Selection committee, Odisha Public Service Commission 2013

External Subject Expert (Sculpture) Member of the Selection committee, Patna University 2013

Member of the Advisory Board, Charukala, (State Academy of Fine Arts) Kolkata, WB.

SUTANU CHATTERJEE :

"Celebration2013 Kolkata" an Art Exhibition at Rabindranath Tagore Center, ICCR, Kolkata, organized by Prof. Dhiraj Choudhury collaboration with ICCR, Kolkata, 2013

"Sahanubhuti" by Emami chisel art curated by Dr, Archana Roy, 2013.

"Beneath the Surface" - an etching exhibition of K.B. teachers work, at CIMA, Kolkata - 2013.

'Praxis'-Kala Bhavana teachers exhibition at Lalit Kala Akademy, New Delhi-2013

'Praxis'-Kala Bhavana teacher's exhibition at Bharatiya Nritya-Kala Mandir- Lalit Kala Akademy, Bihar. - 2013.

WORKSHOP:

Kala Bhavana teachers Tapestry workshop at Santiniketan. - 2014.

Renovated, coordinated and supervised an outdoor sculpture of 'Vistiwala' by Suren Dey at Agro Economics Center, Santiniketan-2013.

OTHERS:

'Bhaskar Jamini Roy'- an article in a little magazine named - 'Aarattrick' - 2014.

'Bikash Debnath'- Book Publication by Rajya Charukala Parshad, Govt. of West Bengal-2014.

an Essay based on of interview with Sushen Ghosh regarding Ramkinkar Baij - 'Aamader Sa - Re - Ga - Ma' in a magazine -Shiladitya - 2014.

MATI LAL KALAI

EXHIBITION:

Participated in "PRAXIS" a group Exhibition of Kala-Bhavana art teachers at Lalit Kala Akademi, New Delhi-2013.

Participated in "PRAXIS" a group Exhibition of Kala-Bhavana art teachers at "Bharatiya Nritya-Kala Mandir" Lalit Kala Akademi, Patna- 2013.

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OTHERS:

Renovated outdoor sculpture of 'Vistiwala' by Suren Dey at Agro Economics Center, Santiniketan-2013.

Kala -Bhavana teachers Tapestry Workshop at Santiniketan. - 2014.

KAMAL DHAR

Participated in "PRAXIS" a group show of Kala-Bhavana art teachers at Lalit Kala Akademi New Delhi, 2013.

Participated in "PRAXIS", a group show of Kala-Bhavana art teachers at Bharatiya Nritya-Kala Mandir- Lalit Kala Akademy Patna, 2013.

Folk Art workshop and seminar at Bewar, Rajasthan. 2013.

All India Art exhibition ICCR, Kolkatta. 2014.

RISHI BARUA

Held the post of Vice-Principal Administration.

Invitee artist at International Art Camp at Shanghai and Baosheng Park, China, in October 2013, followed by

International Art Exhibition at Baosheng Park Gallery, China.

Participated in "PRAXIS" a group show of Kala-Bhavana art teachers at Lalit Kala Akademi New Delhi 2013 and at Bharatiya Nritya-Kala Mandir- Lalit Kala Akademy Patna, 2013.

Organised and Coordinated Post Graduate Final Year student's Art Exhibition at ICCR Gallery, Kolkata, March 2014

Organised and Coordinated Post Graduate First Year student's Art Exhibition at Gorky Sadan, Kolkata, April 2014

Teacher in Charge for students Study Tour at Bishnupur in January 2014.

AMIT KUMAR DHARA

Participated in "PRAXIS" a group Exhibition of Kala-Bhavana art teachers at Lalit Kala Akademi, New Delhi- 2013.

Participated in "PRAXIS" a group Exhibition of Kala-Bhavana art teachers at "Bharatiya Nritya-Kala Mandir" Lalit Kala Akademy, Patna, 2013.

Renovated outdoor sculpture of 'Vistiwala' by Suren Dey at Agro Economics Center, Santiniketan-2013.

Kala -Bhavana teachers Tapestry workshop at Santiniketan. - 2014.

LAWANSHAIBHA KHARMAWLONG

EXHIBITION:

Participated in "PRAXIS" a group show of Kala-Bhavana art teachers at Lalit Kala Akademi New Delhi 2013.

Participated in "PRAXIS" a group show of Kala-Bhavana art teachers at Bharatiya Nritya-Kala Mandir- Lalit Kala Akademy Patna, 2013.

Kala -Bhavana teachers Tapestry workshop at Santiniketan. - 2014.

SAJAD H HAMDANI

Co President India National Committee WAG World Art Games HQ Zagreb Croatia.

Recent Shows:

International

Participated in a Group exhibition as an invited artist in the "First International Art Dissemination 2014" at Silpakorn University Bangkok 2014.

Participated in "PRAXIS" a group show of Kala-Bhavana art teachers at Lalit Kala Akademi New Delhi 2013.

"A Poem by Sajad H Hamdani published in SHEERAZA English: A quarterly Journal of Culture and Literature, Vol. IX No.4 Oct-Dec 2013 Published by Jammu and Kashmir Academy of Art Culture and Languages"

Extension activities

Departmental students participated in Nandan Mela, the Annual Celebration of Acharya Nandalal Bose's birthday, from 1-3rd December 2013.

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.) Nil

A brief history on the development of the Bhavana/ Sadana/ Vibhaga concerned with an indication of the future plans for development.

Since the beginning of Kala Bhavana Department of Sculpture played an important role in the development of the institute as a centre for alternative art practice and set up a new platform in the context of Modern Indian art. The ideology of Rabindranath Tagore, a great thinker and Nandalal Bose, disciple of Abanindranath Tagore contributed to the growth of the Santiniketan School in early twentieth century. The department was started informally under the guidance of Ramkinkar Baij in 1932. Initially, under Ramkinkar Baij, and later under Sarbari Roychoudhury, Ajit Chakraborty, Bipin Goswami, Bikash Debnath, Sushen Ghosh and Suren De, the department imparted training to innumerable students who later made their mark as eminent sculptors of India.

The Department attracts students from various parts of the country and abroad as well, such as countries like Japan, Korea, Thailand, U.K., France, U.S.A., Bangladesh, Mauritius, U.S.S.R., Srilanka etc

Many important sculptors studied in the Department who have initiated and contributed in the development of new vocabularies in contemporary sculpture, to name a few from various generations are Sankho Choudhury, Prabhas Sen, Jitendra Kumar, Avtar Sing Panwar, M. Dharmani, Madan Vatnagar, Suren Pandey, Balbir Sing Katt etc

Particulars in details of the Departmental Library.

Attached with Kala-Bhavana profile.

Any other relevant information, which in the opinion of the head of the department is worth reporting, Should be included.

1. Kaushik Halder. - National Award by Lalit Kala Akademi, Delhi. 2014.
2. Rangskhembor Mawblei. - National Scholarship by Ministry of Human Resource Development, Govt of India.
3. Nikhil Bonde - National Scholarship by Ministry of Human Resource Development, Govt of India.
4. Shweta Kevale Naik. - Chinese Scholarship to China.
5. Jagwinder Singh - Exchange Program to China. 2014.
6. Aslam & Biswajit - invited to a workshop at Kanpur IIT. 2013.

DEPARTMENT OF PAINTING

Name of the Bhavana : Kala Bhavana,

Name of the Department : Painting, Kala Bhavana,

Name of the Adhyaksha of the Bhavana : Prof. Sisir Sahana

Name of the Head of the Department : Sri Arghya Priya Majumdar

Name of the students qualified in UGC/CSIR/NET/SLET & GATE Examination-

(Ph. D., UGC Net Qualified with Fellowship)

A) BHASKAR HAZARIKA (2013)

B) SHREYO SENGUPTA (2013)

C) JYOTIRMOY DAS (2013)

Departmental Seminar/Workshop (Speakers, Title of the Seminar & Date)

17.03.2014 to 27.03.2014 Workshop and Lecture Demonstration on Thangka Painting, Artist Pema Wangel Bhutia, Sikkim-coordinated by Sri Dilip Mitra. Associate professor, Dept. of Painting. All the Teachers & Students of Painting Department Participated. Workshop on 3D Painting on the floor conducted by Tracy Lee in Kala Bhavana, 2014. Organized Traditional Folk Music Performance of Leto Drama at Nandan Mela, 2013 by Hara Kumar Gupta from Kharia, Md. Bazar, Patelnagar, Birbhum.

Presentation and performance by Hetal Chudasam (Artist from Baroda) and Marcus Wood (UK based Artist) 2013

Organized Contemporary Performance "Notes on Tea", by Jyoti Dogra, Mumbai IFA fellow, 2013.

Organized presentation and film (Pennadi/ My Mirroor is the Door) screening by Tamil Contemporary

poet Leena Manimekalai, 2013

Workshop and Lecture Demonstration on Narrative Scroll Painting by Michal Glikson, PhD Scholar, Australian University as a Visiting Fellow 2013

Presentation and workshop on performance Art by Inder Salim Performance artist as part of his IFA Foundation Fellowship, 2013

Presentation and discussion on Sitespecific activity in Heritage Site, by Sadya Mizan director of Uronto, Residential art Exchange Programme, 2014

National and International standard Conference /Seminar /Workshop/Exhibition etc. attended by Teachers/ Research scholar in details.

NANDADULAL MUKHERJEE:

"Praxis" - a travelling show of Kala Bhavana Faculties, 1st at Lalit Kala Academy, New Delhi,

Kala Bhavana teachers group art show at Patna Lalit Kala Academy, Patna, Bihar, december 2013.

" Beneath The Surface" a group show of experimental etching works by faculty members

of Kala Bhavana, Santiniketan; at CIMA art gallery, Kolkata

Exhibition of prints at Nandan art gallery, Kala Bhavana.

Participated in the Tapestry workshop, organized by Department of Design, Kala Bhavana, Visva Bharati. September-2013

DILIP MITRA:

Participated in Textile workshop organized by Department of Design, Kala Bhavana, as part of teachers Workshop.-2013

" Beneath the Surface" -a group show of prints at Nandan Art Gallery, Kala Bhavana, and Later at CIMA Art Gallery, Kolkata,-2013

PRAXIS. A Collective flaunts of the kala Bhavana Faculties, 24-30 October 2013 Lalit Kala Akademi New Delhi. and later at Patna Lalit Kala Academy.

23 artist Painting/ Sculpture/Graphic show at Maya Art Space, Kolkata- 13 to 27 September, 2013.
Participated as an Invited Artist at Rajya Charukala Parsod, in Kolkata- 2014

Experience in Mural

5'x 12' Ceramic glaze on terracotta mural at Computer Center, Visva-Bharati, Santiniketan-2014

SITANSU MUKHOPADHYAY:

"Praxis" - a travelling show of Kala Bhavana Faculties, 1st at Lalit Kala Academy, New Delhi, 2013

Kala Bhavana teachers group art show at Patna Lalit kala Academy, Patna, Bihar, december 2013.

" Beneath The Surface" a group show of experimental etching works by faculty members of Kala Bhavana, Santiniketan; at CIMA art gallery, Kolkata, 2013

Participated in the Tapestry workshop organised by Department of Design, Kala Bhavana, Visva Bharati. September-2013

SANCHAYAN GHOSH:

Reversed perspective:3 Conjunctures An Interdisciplinary Architectural Intervention on landscape Study, focusing on the Landscape of Birbhum, 2013-14 in Experimenter, Kolkata

Conducted workshop on Sound and Performance Art with the students of Srinagar Art College, Srinagar, Jammu & Kashmir, 2013

Designed Play Neel Ranger Ghora, written by Mohit Chattopadhyay and directed by Sheema Mukhopadhyay, Rangroop, Kolkata 2013

Designed play, Mefisto, directed by Suman Mukhopadhyay, Tritio Sutra, Kolkata, 2013

Designed play, Urubhangam, directed by manish Mitra, Arghya, Kolkata, 2013

Praxis" - a travelling show of Kala Bhavana Faculties, 1st at Lalit Kala Academy, New Delhi,-2013

2nd, Bihar Lalit Kala Academy, Patna -2013

Exhibition of prints at Nandan art gallery, Kala Bhavana.-2013

Reverse Perspective -II, Black Box: Walking on the Edge: A Site specific Installation based on the life of Hara Kumar Gupta (a Leto Poet) in Nature Morte Gallery, New Delhi, as part of the show NO HORIZONS , 2014

Jointly curated with Saumik Nandi Majumdar an Installation & Performance on Violence and Gender issues with students of Kala Bhavana in Jadavpur University Campus on invitation from Ebon Alap to celebrate ten years of their publications, hosted by Tagore Centre , Jadavpur University

Invited to participate in the workshop on Tagore, Pedagogy and Contemporary Visual Culture Network in Berlin Germany 11 and 12 April, 2014 organized by Department of Arts, Goldsmith, London

Presented a performance on sound relationship and textuality in the seminar organized as part of the Show Tagore's Post Office in nGbk, Berlin , Germany, 2014

Designed play Bisharjan, directed by Debanshu majumdar, Sahityika, Santniketan, 2014

Designed play Karkat Krantir Desh, directed by Kaushik Sen, Swapna Sandhani, Kolkata, 2014

ARGHYA PRIYA MAJUMDER:

"Praxis" - a travelling show of Kala Bhavana Faculties, 1st at Lalit Kala Academy, New Delhi, 2013

Kala Bhavana teachers group art show at Patna Lalit kala Academy, Patna, Bihar, december 2013.

" Beneath The Surface" a group show of experimental etching works by faculty members, 2013 of Kala Bhavana, Santiniketan; at CIMA art gallery, Kolkata, 2014

Participated in the Tapestry workshop organised by Department of Design, Kala Bhavana, Visva Bharati. September-2013

AMBARISH NANDAN:

Participated in the Tapestry workshop organised by Department of Design, Kala Bhavana, Visva Bharati. September-2013

"Beneath the surface" -a group show of prints at Nandan Art Gallery, Kala Bhavana, and Later at CIMA Art Gallery, Kolkata,-2013

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PRAXAIS (art exhibition) A Collective flaunt of the Kala Bhavana Faculties, Lalit Kala Academy, New Delhi, 2013
New Delhi.

Kala Bhavana teachers group art show at Patna Lalit Kala Academy, Patna, Bihar, 2013.

Participated in National level Group show organized by Art Family, at
Birla Academy of Art & Culture, Kolkata, 2014.

Participated in National level Group show titled Hanging Thought ,
at Lucknow Lalit Kala Academy,UP, 2014

Participated in Thanka Painting Workshop organized by Painting Department ,Kala Bhavana,Visva Bharati,
under the Faculty Development Programme from 17th march to 27th march 2014.

An article Titled-(An unique Durga Patachitra of Bengal) published in -Art Family ,
(An international research journal of art & aesthetics-ISSN no-2249-0248

PRASANTA SAHU:

"Art for Life-2"-a group show at DLF Gurgaon,Organised by DLF and AAPSA art, New Delhi-2013

"Praxis" - a travelling show of Kala Bhavana Faculties, 1st at Lalit Kala Academy, New Delhi,-2013
2nd, Bihar Lalit Kala Academy, Patna -2014

"Anuchitra" -Contemporary Miniatures, a group show at Ganges art gallery, Kolkata-2013

"Beneath The Surface" a group show of experimental etching works by faculty members
of Kala Bhavana, Santiniketan; at CIMA art gallery, Kolkata-2013

Exhibition of prints at Nandan art gallery, Kala Bhavana.-2013

"Shrom O Shramik" , a group show at Ganges art gallery, Kolkata.-2013

"Open Studio Day" -a group exhibition and interactive session between artists and audience
at Priyashree art Gallery, Baroda.-2013

"Tomorrow"- a group show at ICIA Gallery, Mumbai.-2013

"100 Years of Indian Cinema" - a group show at Sarjan art gallery, Vadodara.-2014

"Confluence des Arts" -a group show at gallery art chill, Jaipur . -2013

"Modern and Contemporary Indian art auction-Spring-2013",a group show cum auction arranged by Sublime galleria
and art Chutney , at Bangalore.-2013

"India Today, Copenhagen Tomorrow" , a sculpture group exhibition at Denmark Embassy, New Delhi, Jointly organized
by Gallery Espace, New Delhi and Ganges art Gallery, Kolkata.-2013

"Marve Camp" - at Mudh Island, Mumbai, organized by Vickram Sethi & Harsh Goenka.-2013

Participated in Textile workshop organized by Department of Design, Kala Bhavana, as part of teachers Workshop.-2013

Group Exhibition at Emami Chisel art gallery Kolkata to raise fund for Uttarakhand-201

Participated as an Invited Artist in Rajya Charukala Parsod, Kolkata- 2014

RAJARSHI BISWAS

'Seamless Encounters' curated by Nanak Ganguly at Emami Chisel art, Kolkata,2013.

Dept. of Art Culture & youth, govt. of Bihar presents exhibition "praxis", a collective show
of Kala Bhavana faculties at Bhartiya Nritya Kala Mandir, Patna, Bihar, 2013.

Praxis...a collective flaunt of the Kala Bhavana faculties an exhibition of art works
at Lalit Kala Akademi, Rabindra Bhavana, New Delhi, 2013.

'Beneath the Surface' a group show of experimental etching works by faculty members of Kala
Bhavana at CIMA gallery, Kolkata, 2013.

Participated in Thanka Workshop and Lecture Demonstration on Thanka Painting , artist Pema Wangel
Bhutia, Sikkim- 17.03.2014 to27.03.2014.

SK. SAHAJAHAN

PRAXIS- A Collective flaunt of the Kala Bhavana Faculties at Lalit Kala Academy, New Delhi, 2013 and later at Patna Lalit Kala Academy.

Seamless Encounters Curated by Nanak Ganguly organized by Emamichisel Art Kolkata.-2013.

Group Exhibition at Emami Chisel art gallery Kolkata to raise fund for Uttarakhand-2013.

Participated in Thangka Workshop and Lecture Demonstration on Thangka Painting, artist Pema Wangel. Bhutia, Sikkim- 17.03.2014 to 27.03.2014.

1st Annual Exhibition 2014 Contemporary Indian art Organized by emamichisel art Kolkata,-2014.

Participated in Textile workshop organised by Department of Design, Kala Bhavana, as part of teachers Workshop -2013.

"Beneath the surface" at CIMA Art Gallery, Kolkata,-2013.

DHARITRI BORO :

Performance, 'Load- Unload' on a public domain, under Kolkata International Performance Art Festival 13, Kolkata, 2013

Book Cover titled ' Tuponit', poetry book by Dibya Jyoti Hazarika, 2013

Participated in the Tapestry workshop organised by Department of Design, Kala Bhavana, Visva Bharati. September-2013

PRAXIS..... A Collective flaunt of the Kala Bhavana Faculties at Lalit Kala Akademi New Delhi, 2013

and later at Patna Lalit Kala Academy.

Jaipur International Art Festival, organized by Lalit Kala Akademi, in collaboration with Jaipur Art Festival, Rajasthan, 2013

On going research Projects in the Department:

Research documentation of folk Leto Music and Performance tradition of Birbhum 2013-14

Coordinated by Sanchayan Ghosh

Digitization of documents of Technique of Kerala Murals in Painting Dept. Kala Bhavana 2013

Prof.Nandadulal Mukherjee, Ambarish Nandan.

Extension Activities

A) Nandan Mela activities - 2013.

A project by the Painting Dept. on paper making exploring the Fibers of local plant & trees, November 2013.

Laquar toy making workshop

Sara painting workshop

Enamel painting workshop

Enamel paper weight

Mask, Greetings card, Sticker making workshop

Silk scroll and reverse painting workshop.

Drawing and calender designing

Designing New Course / Curriculum or any other teaching innovations introduced by the Department.

Basic knowledge on interactive media practice

Introducing Video Art (documentary based digital editing with ideas exploring soundscape and lighting)

A brief history on the development of the Bhavana/ Sadana/ Vibhaga concerned with an indication of the future plans for development

Department of Painting, Kala Bhavana was initiated by Nandalal Bose as an alternative centre of Modern art practice in India. Since then it has maintained a pedagogic practice that is based on a close contact with tradition and contemporary art practice. The Department has explored a contextual approach to the idea of Modernism keeping close contact with traditional art practice in India and Asia in particular and Europe in general. From its initiation, Far Eastern techniques

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of calligraphy, scroll painting, Indian miniature and various other mural techniques are being introduced to the students. It has been the only centre in India that has generated a critical and experimental approach to art activity.

In the present times the world of art has drastically changed with the emergence of new communication systems in the age of globalization and contemporary art practice have also evolved new systems of sign making including improvisation of new innovations from contemporary visual culture.

In this respect the department has introduced the semester system and implementing new methods of art teaching giving focus to inter-disciplinary art activity in reference to a critical approach to methods and ideas. Introduction of the new methods and materials like new media, installation in the syllabus has created a new environment in the department which is generating dynamic experiments and innovative practices.

the Department is creating opportunities for the students to interact with practicing artists, art historians and art critics from all over the world by regularly inviting experts from various fields to give presentations and lecture demonstrations. In the last one year experts from Australia, Poland, Holland, UK, Japan, Bangladesh have visited the Department and shared their experience with the students & faculty members. The present focus of the department is to generate an open ended approach to multiple forms of visual applications and provide opportunities for students to engage in innovative experimentations to reflect new areas of artistic expression.

Particulars in details of the departmental Library: Attached with Kala-Bhavana profile.

Any other relevant information, which in the opinion of the head of the department is worth reporting, should be included.

Activity of Students in 2013-14

a) National Scholarship(2013-15)

1. Chandan Srivastava
2. Viparna Vaigankar

b) Camel Art Award-2013.

1. Mithun Das

c) Participated in Art Camp organized by State Bank of India -2013.

1. Sujoy Malakar
2. Sim Chunhwang
3. Surojit Biswas
4. Aparnita Dasgupta
5. Raka Panda
6. Animesh Maity

d) Elizabeth Green Shield Award, Canada

1. Samapti Mondal

e) Birla Academy of Art and Culture Award-2014

1. Mithun Das

f) Emami Chisel art Annual exhibition award

1. Tarak Nath Das
2. Surojit Biswas

g) International Art Residency Programme:

Sujoy Malakar student of MFA visited Bangladesh to attend Artist Residency Programme, organized by CRACK, Young Artist Residency Programme.

h) Surojit Biswas from MFA Painting, Participated and Awarded in Gujarat art Festival, Organized by Gujarat State Government.

On the occasion of the fine arts fair (Nandan Mela), all the teachers and students of painting department actively participated and produced a large variety of art works such as painted calendars, clay toys, individual paintings, enamel paintings, performances etc.

DEPARTMENT OF GRAPHIC ART

National and International standard conference/seminar/workshop/exhibition etc. attended by teachers/research scholars in details:

Nirmalendu Das

Exhibition:

1. Violence -Double spared from private to the Public ,to the life systems-at Nandan art gallery and Exhibition at JNU Delhi-2012
2. Indo-USA Printmaking exhibition under the title of "Multiple encounters second Edition"-2012.
3. Eminent Printmakers of Bengal Chitrak Gallery Dhaka ,Bangladesh -2012
4. 150th Birth anniversary of Rabindranath Tagore, Exhibition of Prints, Drawings and Paintings of Selected Artists of Santiniketan and Mauritius -at RTI, Mauritius-2012

Workshop:

1. PRINTMAKING CAMP ,organized jointly by ART, CULTURE & YOUTH DEPT.GOV'T OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .

Publication :

1. "Multiple encounters second Edition"- . Indo-USA Printmaking exhibition, catalogue. New Delhi, edited by sanhita bhowal article "Nirmalendu das in conversation with Sanatkar -PP22-27"
2. The embodied image Krishna Reddy curator, Roobina Karode, Article by Nirmalendu das "Krishna Reddy -in the History of Indian Printmaking "-IGNCA- New Delhi

Others:

1. Member of the advisory board art family and an international journal of art and aesthetics alighr, UP. ISSN, no. 2249-0248
2. Supervise the exhibition in commemoration of 150thBirth anniversary of Rabindranath Tagore, at the National Gallery of Modern and contemporary art , ROME -ITALY-2012
3. UGC sponsored career cancelling cum interactive program on art and practice -CAD ,University of Bardhaman - 2012
4. Lecture demonstration on art and design at Naresuan University, Thailand-2012.

Pinaki Barua:

Exhibition:

Workshop:

1. PRINTMAKING CAMP, organized jointly by ART, CULTURE & YOUTH DEPT.GOV'T OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN, VISVA BHARATI 2012 .

Ajit Seal

Exhibition:

1. Indo-USA Printmaking exhibition under the title of "Multiple encounters second Edition"-2012
2. Kala Mela 2012. CIMA art gallery, Kolkata

Workshop:

1. Printmaking workshop. Lalit Kala Academy, Regional Centre, Bhubhaneshwar.-Odisha-2013
2. Invitation for visiting faculty programme -Platography at S.N. school Hyderabad University Dept. of Fine Art.- 2012.
3. Invitation judging committee for 35th Odisha Art exhibition State Lalit kala Academy -2012

4. PRINTMAKING CAMP, organized jointly by ART ,CULTURE & YOUTH DEPT.GOV'T OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .
6. Art Fair Organized by Emami Chisel, Kolkata.2012.

Arpan Mukherjee

Exhibition:

1. Summer Show, Organized by Gallery 88, Kolkata.
2. 150th Birth anniversary of Rabindranath Tagore, Exhibition of Prints, Drawings and Paintings of Selected Artists of Santiniketan and Mauritius -at RTI, Mauritius-2012
3. 'Violence-Double Spread' an curated exhibition on violence, School of Art & Aesthetics, JNU, New Delhi
4. 'Charodhyay' a curated exhibition, organised by ICCR & S.F, Colombo, Srilanka.
5. 'Gum Bichromate' a curated exhibition of gum prints, curated by P.Madhavan/ Goa -Cap, Thalam, Bangalore.
6. Curate 'Bikshan Annual Photography Exhibition' 2013, Nandan Art Gallery, Kala Bhavana, Santiniketan

Workshop:

1. Printmaking workshop, organized by Dept of Culture, Govt of Bihar, Santiniketan.
2. Photography workshop, organized by Lalit Kala Academy, Bhopal.
3. Conducted workshop on Alternative Photography Printmaking, organized by Goa-CAP, Alt Lab, Goa.

COLLECTION:

1. Lalit Kala Academy, Bhubaneswar.
2. Goa -Cap alt Lab, Goa

Pulak Dutta

Workshop:

1. PRINTMAKING CAMP ,organized jointly by ART ,CULTURE & YOUTH DEPT.GOV'T OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .

Salil Sahani:

Exhibition:

1. Indo-USA Printmaking exhibition under the title of "Multiple encounters second Edition"-2012

Workshop:

1. PRINTMAKING CAMP, organized jointly by ART, CULTURE & YOUTH DEPT.GOV'T OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .
2. Art Fair Organized by Emami Chisel, Kolkata.2012.

Uttam Kumar Basak :

Exhibition:

1. UNITED ART FAIR , NEW DELHI 2012 .
2. Indo-USA Printmaking exhibition under the title of "Multiple encounters second Edition"-2012.
3. Art Fair Organized by Emami Chisel, Kolkata.2012. Participated in ETCHING Workshop from 5-11 Sept. 2012) of Kala Bhavana Faculty members.
4. Participated in Group show of Etching workshop held in Nandha Gellery from 27 Nov. 2012.
5. Exhibition printmakers of Bengal, Chitrak Gallery, Dhaka, bangladesh 2012.
6. Eminent Printmakers of Bengal, Chitrak Gallery, Dhaka, Bangladesh 2012.

Workshop:

1. All India senior Artist Camp, organized by A.I.F.A.C.S, New Delhi 2013
2. Regional Printmaking Camp, organized by LALITKALA ACADEMI, KOLKATA, at SANTINIKETAN W.B 2012

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3. PRINTMAKING CAMP ,organized jointly by ART, CULTURE & YOUTH DEPT. GOVT OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012

COLLECTION:

1. Lalitkala Academy ,New Delhi-2013.
M.THOMAS SINGH :

Exhibition:

1. Group Shows in Delhi, Mumbai Chennai, West Bengal etc.

Workshop:

1. Eastern Regional Print Making Workshop Org. By RLKK, Kolkata in 2001
2. PRINTMAKING CAMP ,organized jointly by ART ,CULTURE & YOUTH DEPT.GOVT OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .
3. Art Fair Organized by Emami Chisel, Kolkata.2012. All W.B. Teacher's/University Painting Workshop org. by Bengal Film Art College collaboration with U.G.C in 2009.
Collection : ABC India Pvt. Ltd., W.B. Information Centre

Prashant Phirangi :

Workshop:

1. 2012 Alumni Camp in M.M.K College of visual art, Gulbarga, Karnataka.
2. Participated 2012 national Level seminar on ' Installation art' at Gulbarga University, Karnataka.

DEPARTMENT OF HISTORY OF ART

Name of the Department : and detailed information as per Proforma I & II enclosed: Department of History of Art

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations: Sritama Halder (UGC-NET)

Departmental Seminar (Speakers, Title of the Seminar, Date), Lecture: 1. Dr Asok Kumar Das, Mughal Jades, July 12, 2013; 2. Dr Asok Kumar Das, Mughal Sculpture, July 13, 2013, 3. Prof. Huan Hong of Guang Zhou University, Painting in Qing Dynasty: Orthodoxy and Individualism, Nov. 11, 2013 ; 4. Prof. Huan Hong of Guang Zhou University, Chinese Painting in the Modern Era: A Revolution, Nov. 12, 2013.

Only National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research scholars in details:

R. Siva Kumar

First Rama Varma Memorial Lecture, Ravi Varma School of Fine Arts, Mavelikara, 13th August 2013.

Lecture on Ramkinkar in conjunction with the exhibition of his works at Akar Prakar Gallery, Kolkata, 23rd October 2013.

'Negotiating Indian Art with Nandalal Bose', 29th Ananda Coomaraswamy Memorial Lectures, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, Mumbai, 13th November 2013.

'Encountering the World with Rabindranath Tagore,' 29th Ananda Coomaraswamy Memorial Lectures, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, Mumbai, 14th November 2013.

'Ramkinkar Baij, Santiniketan and his Tryst with Modernism,' Lecture organized by the Central Lalit Kala Akademi at Cochin, 16th November 2013.

'A Life in Art' Session, Kolkata Literary Festival, Kolkata, 29 January 2014.

'Rabindranath's Educational Philosophy and the Art Pedagogy at Santiniketan', lecture delivered to a research group working on a Tagore research project at the Institute of International Visual Arts in collaboration with Goldsmiths College, London, and the Dutch Art Institute in Arnhem, Santiniketan 2nd Feb. 2014.

'Abanindranath and Rabindranath: Interactions', International Symposium on Rabindranath and his Interactions with Local/Global Personalities, Visva Bharati, Santiniketan, 21-24 March 2014.

Soumik Nandy Majumdar

Delivered two illustrated lectures on 'The Developments in Modern Western Art', -- Art Appreciation programme, Pashchimbanga Charukala, Kolkata, 5th and 6th September, 2013.

Delivered a paper on 'Signs of Bengal Post-modernity' at a Seminar entitled Traditional art of Bengal and Post Modernism held at Pashchimbanga Bangla Academy, Kolkata, 16th September 2013

Delivered a lecture-presentation on 'Indian Folk art - Playing with time', Emami Chiesel Art, Kolkata, 21st December 2013

Delivered a lecture-presentation titled 'Changing world of folk art', at a National Seminar on Changing Views on Indigenous Art Vis-A-Vis

The Context of Present Art Practice organized by Lalit Kala Lucknow, at Fine Arts Faculty, M. S. University, Baroda, 21st February 2014.

Rishav Gandhar Narzary

Participated in Art Exhibitions- 'Praxis' by Kala Bhavana faculty members, held in Lalit-Kala Academy New Delhi and Patna, October 2013- January 2014.

Ch-II

Academic distinctions gained by the teachers/scholars or the Department as a whole (like recognition as DSA or CAS etc.):

R. Siva Kumar

Curated the exhibition: ARamachandran: Selected Works from 1964 -2013, organised by Vadehra Gallery at the Durbar Hall, Ernakulam, 11-25 August 2013.

Publications within the year April 2013-March 2014

R. Siva Kumar

Book:

First Rama Varma Memorial Lecture, Ravi Varma School of Fine Arts, Mavelikara, 13th August 2013.

Lecture on Ramkinkar in conjunction with the exhibition of his works at Akar Prakar Gallery, Kolkata, 23rd October 2013.

'Negotiating Indian Art with Nandalal Bose', 29th Ananda Coomaraswamy Memorial Lectures, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, Mumbai, 13th November 2013.

'Encountering the World with Rabindranath Tagore,' 29th Ananda Coomaraswamy Memorial Lectures, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, Mumbai, 14th November 2013.

'Ramkinkar Baij, Santiniketan and his Tryst with Modernism,' Lecture organized by the Central Lalit Kala Akademi at Cochin, 16th November 2013.

'A Life in Art' Session, Kolkata Literary Festival, Kolkata, 29 January 2014.

'Rabindranath's Educational Philosophy and the Art Pedagogy at Santiniketan', lecture delivered to a research group working on a Tagore research project at the Institute of International Visual Arts in collaboration with Goldsmiths College, London, and the Dutch Art Institute in Arnhem, Santiniketan 2nd Feb. 2014.

'Abanindranath and Rabindranath: Interactions', International Symposium on Rabindranath and his Interactions with Local/Global Personalities, Visva Bharati, Santiniketan, 21-24 March 2014.

Soumik Nandy Majumdar

Delivered two illustrated lectures on 'The Developments in Modern Western Art', -- Art Appreciation programme, Pashchimbanga Charukala, Kolkata, 5th and 6th September, 2013.

Delivered a paper on 'Signs of Bengal Post-modernity' at a Seminar entitled Traditional art of Bengal and Post Modernism held at Pashchimbanga Bangla Academy, Kolkata, 16th September 2013

Delivered a lecture-presentation on 'Indian Folk art - Playing with time', Emami Chiesel Art, Kolkata, 21st December 2013

Publications within the year April 2013-March 2014

R. Siva Kumar

Book:

A. Ramachandran: Selected works from 1964-2013, Vadehra Art Gallery, New Delhi, 2013. ISBN: 978-93-80001-63-0

Articles:

Bauhaus in Kalkutta. Eine Begegnung kosmopolitischer Avantgarden, Bauhaus Edition 36, Hatje Cantz Verlag, Ostfildern 2013, pp.111-118. ISBN 978-3-7757-3656-5

'A Playful and Poetic Vision', Mythologies, Gallery 88, Kolkata and Project 88 Mumbai, Dec. 2014.

Lord, let each day of mine be a festival, a celebration: A conversation between R. Siva Kumar and K. G. Subramanyan,' K. G. Subramanyan: New Works, Seagull Foundation for the Arts, Kolkata Feb. 2014.

Soumik Nandy Majumdar

Sukumar Rayer Granthachitron, 1778 Granthacharcha, Vol 1, No.1, Kolkata, December 2013, (WBBEN 14871/25/1/2013-TC)

Catalogue write-up Biswajit Das Gupta, January, 2014

Anshuman Das Gupta

Articles:

The Curatorial: A Philosophy of Curating (ed. Jean Paul Martinon), essay: In *Unfamiliar Terrain: Preliminary Notes towards Site-Relationality and the Curatorial*, to be published by Bloomsbury Academic 2013

<http://www.amazon.com/The-Curatorial-A-Philosophy-Curating/dp/1472525604>

ISBN-10: 1472525604, ISBN-13: 978-1472525604

Transcripts of a talk published in the *Institute of International Visual art*, London January 2014

URL: art.gold.ac.uk/tagore/Anshuman_Dasguptas-Visva-Bharati-murals-photos/

Tagore in Transit: Theatre and visual cultures in Dakghar, NGBK (to come out in the website)

The Eye and the Ear: Politics of spatiality in North Eastern India (to come out in Book form, 2014)

Meghali Goswami

Goswami, M: (2013) Nirmalendu Das; An Alchemist in the World of Printmaking, *Kala Dirgha International Journal of Visual Arts* Volume 13, No 26

Goswami M; (2013) In Conversation with Janak Jhankar Narzery, *Kala Dirgha International Journal of Visual Arts* Volume 14, No 27

Goswami, M *Photography Where to Focus Art &Deal* Issue 61 Volume 9, July 2013

Coordinated the Art Exhibitions- 'Praxis' by Kala Bhavana faculty members, held in Lalit-Kala Akademi New Delhi October 24- 30 , 2013

Coordinated the Art Exhibitions- 'Praxis' by Kala Bhavana faculty members, held in Lalit-Kala Akademi Patna, January 2014.
Attended National Camp of Painting , Patna Lalit Kala Akademi, 2014

Goswami, M, The print making idiom, route and milieu of Ajit Seal *Kala Dhirga International Journal* , Jaipur 2014

Designing new course/curriculum or any other teaching innovation introduced by the Department:

Courses and programmes revised and updated

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with a indications of the future plans of development:

The Department of History of Art, Kala Bhavana, grew out of a long tradition of informal art discussions that was part of the teaching program of the institution since its inception. It became a formal subject of instruction and examination in 1957. In the 1960s and 1970s the faculty was strengthened and specialization in Art History introduced at the Graduate level. Post Graduation in Art History was introduced in 1979 and since then the Department has produced a small but well-recognized group of young art historians, many of whom are teaching in art institutions in India and abroad.

At present it has a faculty of relatively young art historians who have already gained peer recognition and made a mark on the Indian art scene through their writings. The faculty is especially strong in the study of 19th and 20th century art and the local traditions. The Department has been trying to build an archival documentation through its own resources and initiative, and intends to develop it into a full fledged Art History Resource Centre.

Particulars in detail of the Departmental Library: [Please note that every column must be filled up as desired by the UGC]

NANDAN, KALA BHAVANA MUSEUM

Digitization/Documentation of Art Object : 1683
Accession & Documentation of Art Object (Strong room 1) : 2206
Accession & Documentation of Art objects (Strong room 2) : 0302

Preventive and Curative Conservation of Art objects

Fumigation and mechanical Cleaning : 460
Curative Conservation : 025
Mounting with Acid-free mount board : 247
Minor repairing & fixing of hinges : 072
Mounting & Framing for Exhibition : 102
Insect and pest Control management : 003
(Strong room & Museum Premises)

Special services given to

Prof. Bharati Ray, Kolkata
Mrs. Supriya Roy, Santiniketan
Prof. SonalKhullar, University of Washington, USA
Michal Glikson, Australian National University
Rabi Biswas, Santiniketan
Manindra Gupta, Kolkata
PallabKirtaniya, Kolkata
Prof. NisarHossain, Dhaka, Bangladesh
V. R. Vaishavi, Piramal Art Foundation, Chennai
Priyabrata Deb, Kolkata
Prof. R. Sivakumar, Santiniketan
Arkaprabha Bose, Santiniketan
Amitava Bhattacharya, MaulanaAbulKalamAzad Institute, Kolkata
PalakhsiDass, Kala Bhavana, Santiniketan
BalaKarchaudhuri, Kala Bhavana, Santiniketan

Distinguished Visitors

Sidhartha Tagore, New Delhi
Irina K. Bashkirova, Consul General of Russian Federation in Kolkata
Palomatorres, Mexico
Mr. Deepak Ray, Muscat
Martin Heller, Zorich
Mahesh Naithani, New york
Sabih Ahmad, Asiart Archive, Hong Kong
Han Gil Sun, Jeju Museum of Art, Korea
Dr. Jeanne Openshaw, Scotland, UK
Ernst W. Koelnsperger, Munchen
Dr. Verna Belwett, Australia
Michael Braudy, New york
Mr. FabriceEtinne, Consul General of France in Kolkata
Ursula Raab, Himalayan Institute of Goodwill and Living Ethics, Kalimpong

Prof. Anandarup Ray, USA
Sailesh Parekh, Gandhi Nagar, Ahmedabad
Dr. Asok Das and Shyamali Das, Santiniketan

Special Exhibition & other activities at Nandan Gallery, Kala Bhavana Museum

E. O. Hoppe's Santiniketan: Photographs from 1929, Victoria Memorial, Kolkata -- 11 May 2013
Exhibition of Textile by Papribasak, Dhaka, Bangladesh -- 16 July, 2013
Exhibition of artworks of Bhaskar Mukherjee, Kolkata -- 02 August, 2013
Wood-Cut prints of SudhirKhastgir, Rani chanda&RamkinkarBaj -- 17 August, 2013
Annual exhibition of SikshaSatra, VisvaBharati, Sriniketan -- 06 September, 2013
Exhibition of Photography, Association of Youth Hostellers, Kolkata -- 15 November, 2013
Exhibition of Wood-Cut print & calligraphic work, CAD, Burdwan -- 22 November, 2013
100th year of The 'Jivansmriti' illustrations by Gaganendranath Tagore -- 29 November, 2013
Annual Exhibition of Patha Bhavana, VisvaBharati, Santiniketan -- 06 December, 2013
Drawings & Prints of Sourajit Ray, Kolkata -- 13 December, 2013
'Democracy : Possibilities&Impossibilities, Curated by Amit Mukherjee -- 15 February, 2014
Paintings of Nikolai and SvyatoslavRoerichs, Gorky Sadan, Kolkata -- 28 February, 2014

SANGIT BHAVANA

Department of Rabindra Sangit, Dance & Drama

Departmental Seminar (Speakers, Title of the Seminar, Date)

21-22 June, 2013, National Seminar on Aesthetics of Indian Classical Music

Prof. Indrani Mukhopadhyay, Manilal Nag, Prof. Arun Basu, Prof. Kaberi Kar, Prof. Mohan Singh, Shankarlal Bhattacharya, Prof. Sitangshu Ray, Prof. Tapati Mukhopadhyay spoke on the occasion. Sitar recital by Pt. Manilal Nag, Mita Nag, Vocal recital by Padmasree Wasifuddin Dagar, Lecture demonstration on Pakhawaj by Pt. Dalchand Sharma, Lecture on Tabla by Pt Govinda Basu, Vocal Recital by Purnima Sen were added attractions of this seminar.

29-31 August, 2013, National Seminar on Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atul Prasad, Rajanikanta, Dilip Kumar & Nazrul.

Prof. Arun Basu, Sri Debasish Raychoudhury, Sri Pankaj Saha, Sri Goutam Ghosal addressed the gathering Vocal recital by Smt. Aparna Majumdar and Rabindra Sangit rendition by Prof. Swastika Mukhopadhyay enthused the audience. Sri Apurba Biswas, Smt Nupurchhanda Ghosh, Sri Dilip Kumar Ray, Smt Sikha Basu, Sri Debasis Basu, Smt Archana Bhowmik & Smt. Maitreyee Majumdar participated.

11-12 September, 2013, National Seminar on 'Rabindra Sangiter Bhuban'

Prof. Sushanta Dattagupta, Vice chancellor Visva-Bharati made a scholarly presentation on 'Education of Rabindranath, Philosophy of Science and Environmental Consciousness as revealed in Rabindranath', aptly supported by musical rendition of teachers & students of Sangit Bhavana. Smt. Puravi Mukhopadhyay, Prof. Alpana Ray, Prof. Mohan Singh Khangura, Prof. Sitangshu Ray, Prof. Karunasindhu Das, Sri Dwijen Mukhopadhyay & others made their presentations in the seminar.

National and International Level Standard Conferences/ Seminars/Workshop/Exhibitions/Performances attended by teachers, Research Scholars in details.

Indrani Mukhopadhyay

2 April, 2013 : Directed and participated in a lecture-demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati on "Tagore's Model of Holistic Education", supported by Tagore songs & Dance by Sangit Bhavana, Visva-Bharati at ICCR, Kolkata. This programme was organized by Bengal Initiative.

1 June, 2013: Directed and performed at International Conference "From Tagore to Mo Yan" : Universality of the One Hundred Year's Oriental Culture" organized by Tongji University, Sanghai.

4 June, 2013: Directed and performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "Asian First Nobel Prize and a Few song offerings" at Yunnan University, Kunming, China.

6 June, 2013: Directed and performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "From Visva Parichay to Higgs Boson" at Yunnan University, Kunming, China.

19 June, 2013: Directed and participated in a presentation on "J.C. Bose & Rabindranath" : Two soulmates of the Cosmos, delivered by Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

21 - 23 June, 2013: Inaugurated a three days National Seminar of the Department of Hindusthani Classical Music, Sangit-Bhavana, Visva-Bharati titled "Aesthetics of Indian Classical Music" held at Lipika Auditorium, Santiniketan.

28 June, 2013: Directed and participated in the Programme organized on the occasion of 100 Years of Award of Nobel

to Rabindranath Tagore, organized by Visva-Bharati, in the presence of Sri M.K. Narayanan, Honorable Governor at Lipika, Santiniketan.

25 July, 2013: Directed and participated in the presentation on "Asia`s First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.

26 July, 2013: Directed and participated in a lecture demonstration on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Prof. Sushanta Dattagupta, Vice chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.

23 August, 2013: Directed and performed in Tagore`s Dance Drama "Shapmochan", in August, 2013 at Tollyclub, Tollygunge, Kolkata by Mr. Viji Iyengar, Calcutta Promotions, Kolkata.

27 August, 2013: Participated in the seminar on Rathindranath Tagore: "The Unsung Hero" in collaboration with Rabindra Bhavana.

29 - 31 August, 2013: Co-ordinator of the national Seminar of the Department of Rabindra Sangit, Dance & Drama, Sangit-Bhavana, Visva-Bharati on 'Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atulprasad, Rajanikanto, Dilip Kumar and Nazrul'.

11 September, 2013: Directed and participated in a lecture demonstration on "Rabindranather Shiksha, Bijnyan o Paribesh Chinta" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati, along with Tagore-songs organized by Granthan Bibhaga, Kolkata and Sangit-Bhavana, Visva-Bharati, Santiniketan.

11-12 September, 2013 : Co-ordinated a two days National Seminar jointly organized by Sangit-Bhavana, Visva-Bharati Santiniketan and Granthan-Bivaga, Kolkata on 'Rabindra Sangiter Bhuban' at Kalakunja, Kolkata.

14 September, 2013: Directed and performed in a Cultural Programme, organized by Thai students, Sangit-Bhavana at Lipika on the occasion of the visit of Thai Console General.

21 September, 2013: Directed and participated in a lecture demonstration on "Asia`s First Nobel...And-A Few 'Song Offerings' from Gitanjali" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana organized by C.N.R. Rao Education Foundation, Indian Institute of Science at Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore, Karnataka.

29 September, 2013: Directed and participated in a lecture presentation on Asia`s First Nobel-and-a few "Song Offerings" from Gitanjali", delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance organized by Sangit-Bhavana, which was broadcast from Doordarshan Kendra, Kolkata.

11 October, 2013: On the occasion of the visit of His Excellency Sri Pranab Mukherjee, the honorable President of India and the Visitor of Visva-Bharati as well as programme of lecture on Asia`s First Nobel-and-a-few "Song Offerings" from Gitanjali delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance organized by Sangit-Bhavana at Lipika Auditorium, Santiniketan.

6 December, 2013: Performed at a Programme of 'Youth Congress', organized by Sangit Bhavana at Natyaghar, Lipika on the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India and the Visitor of Visva-Bharati at Natyaghar, Santiniketan.

17 December, 2013: Directed and participated in a lecture on "Tagore`s Model of Holistic Education" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at IICB, Kolkata.

22 January, 2014: Directed and participated in a lecture on "Asia`s First Nobel : 'Songs Offerings from 'Gitanjali' " delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance, performed by Sangit-Bhavana at India International Centre, New Delhi.

24 January 2014: Directed and participated in a lecture on "From Viswa Parichay to God Particle" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Indradhanush Auditorium, Rashtrapati Bhawan, New Delhi.

29 January, 2014: Directed and participated in a lecture on "Transition from 'Gitanjali' to 'Song Offerings" delivered by

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Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Raj Bhawan, Kolkata, on the occasion of the Centenary of 'Handing Over' of the Nobel Prize to Gurudev Rabindranath Tagore on this day in 1914 at Raj Bhavana, Kolkata.

19 February, 2014: Performed in Tagore's Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata at the invitation of by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

12 March, 2014: Directed and participated in a lecture delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Lipika Auditorium.

16 March, 2014 : Performed in Rabindranath Tagore's Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

Madhabi Ruj (Ghosh)

2 April, 2013 : Performed in a lecture-demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati on "Tagore's Model of Holistic Education", supported by Tagore songs & Dance by Sangit Bhavana, Visva-Bharati at ICCR, Kolkata. This programme was organized by Bengal Initiative.

21 May, 2013 : Directed & Performed in Shapmochan on the occasion of Rabindra Janmotsava at G.D. Birla Sabhaghar, Kolkata, by invitation of Visva-Bharati Publishing Dept.

1 June, 2013: Performed at International Conference "From Tagore to Mo Yan" : Universality of the One Hundred Year's Oriental Culture" organized by Tongji University, Sanghai.

4 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "Asian First Nobel Prize and a Few song offerings" at Yunnan University, Kunming, China.

6 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "From Visva Parichay to Higgs Boson" at Yunnan University, Kunming, China.

19 June, 2013: Performed in a lecture on "J.C. Bose & Rabindranath : Two soulmates of the Cosmos", delivered by Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

21 - 23 June, 2013: Performed in a three days National Seminar of the Department of Hindusthani Classical Music, Sangit-Bhavana, Visva-Bharati titled "Aesthetics of Indian Classical Music" held at Lipika Auditorium, Santiniketan.

28 June, 2013: Performed in a Programme organized on the occasion of 100 Years of Award of Nobel to Rabindranath Tagore, organized by Visva-Bharati, in the presence of Sri M.K. Narayanan, Honorable Governor at Lipika, Santiniketan.

25 July, 2013: Performed in a presentation on "Asia's First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.

26 July, 2013: Performed in a lecture demonstration on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Prof. Sushanta Dattagupta, Vice chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.

23 August, 2013: Performed in Tagore's Dance Drama "Shapmochan", in August, 2013 at Tollyclub, Tollygunge, Kolkata by Mr. Viji Iyengar, Calcutta Promotions, Kolkata.

27 August, 2013: Performed in a Seminar on "Rathindranath Tagore: The Unsung Hero" in collaboration with Rabindra Bhavana.

29 - 31 August, 2013: Performed in a National Seminar of the Department of Rabindra Sangit, Dance & Drama, Sangit-Bhavana, Visva-Bharati on 'Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atulprasad, Rajanikanto, Dilip Kumar and Nazrul'.

11-12 September, 2013: Performed in a lecture demonstration on "Rabindranather Shiksha, Bijnyan o Paribesh Chinta" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati, along with Tagore-songs organized by Granthan Bibhaga, Kolkata and Sangit-Bhavana, Visva-Bharati, Santiniketan.

21 September, 2013: Directed and participated in a lecture demonstration on "Asia`s First Nobel...And-A Few 'Song Offerings' from Gitanjali" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana organized by C.N.R. Rao Education Foundation, Indian Institute of Science at Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore, Karnataka.

29 September, 2013: Directed and participated in a lecture presentation on Asia`s First Nobel-and-a few "Song Offerings" from Gitanjali", delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance organized by Sangit-Bhavana, which was broadcast from Doordarshan Kendra, Kolkata.

11 October, 2013: On the occasion of the visit of His Excellency Sri Pranab Mukherjee, the honorable President of India and the Visitor of Visva-Bharati as well as programme of lecture on Asia`s First Nobel-and-a-few "Song Offerings" from Gitanjali delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance organized by Sangit-Bhavana at Lipika Auditorium, Santiniketan.

6 December, 2013: Performed at a Programme of 'Youth Congress', organized by Sangit Bhavana at Natyaghar, Lipika on the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India and the Visitor of Visva-Bharati at Natyaghar, Santiniketan.

17 December, 2013: Directed and participated in a lecture on "Tagore`s Model of Holistic Education" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at IICB, Kolkata.

22 January, 2014: Directed and participated in a lecture on "Asia`s First Nobel : 'Songs Offerings from 'Gitanjali' " delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance, performed by Sangit-Bhavana at India International Centre, New Delhi.

24 January 2014: Directed and participated in a lecture on "From Viswa Parichay to God Particle" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Indradhanush Auditorium, Rashtrapati Bhawan, New Delhi.

29 January, 2014: Directed and participated in a lecture on "Transition from 'Gitanjali' to 'Song Offerings'" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Raj Bhawan, Kolkata, on the occasion of the Centenary of 'Handing Over' of the Nobel Prize to Gurudev Rabindranath Tagore on this day in 1914 at Raj Bhavana, Kolkata.

19 February, 2014: Performed in Tagore`s Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata at the invitation of by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

12 March, 2014: Directed and participated in a lecture delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Lipika Auditorium.

16 March, 2014 : Performed in Rabindranath Tagore`s Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

T. S. Vasunni:

18 April, 2013: Traditional Kathakali Programme at Kerala Ashramam.

8 June, 2013: Traditional Kathakali Programme (Kerala).

9 June, 2013: Traditional Kathakali Programme at Kathakali Club Kerala.

28 June, 2013: Traditional Kathakali Programme at Lipika.

2 July, 2013: Tagore Dance drama (Thermal plant, Backreswar).

3-4 January, 2014: Traditional Kathakali Programme (Karalmanna).

Swastika Mukhopadhyay

2 April, 2013 : Performed in a lecture-demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati on "Tagore`s Model of Holistic Education", supported by Tagore songs & Dance by Sangit Bhavana, Visva-Bharati at ICCR, Kolkata. This programme was organized by Bengal Initiative.

21 May, 2013 : Directed & Performed in Shapmochan on the occasion of Rabindra Janmotsava at G.D. Birla Sabhaghar,

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Kolkata, by invitation of Visva-Bharati Publishing Dept.

1 June, 2013: Performed at International Conference "From Tagore to Mo Yan" : Universality of the One Hundred Year's Oriental Culture" organized by Tongji University, Sanghai.

4 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "Asian First Nobel Prize and a Few song offerings" at Yunnan University, Kunming, China.

6 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "From Visva Parichay to Higgs Boson" at Yunnan University, Kunming, China.

19 June, 2013: Performed in a lecture on "J.C. Bose & Rabindranath : Two soulmates of the Cosmos", delivered by Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

28 June, 2013: Performed in a Programme organized on the occasion of 100 Years of Award of Nobel to Rabindranath Tagore, organized by Visva-Bharati, in the presence of Sri M.K. Narayanan, Honorable Governor at Lipika, Santiniketan.

25 July, 2013: Performed in a presentation on "Asia's First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.

26 July, 2013: Performed in a lecture demonstration on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Prof. Sushanta Dattagupta, Vice chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.

27 August, 2013: Performed in a Seminar on "Rathindranath Tagore: The Unsung Hero" in collaboration with Rabindra Bhavana.

11-12 September, 2013: Performed in a lecture demonstration on "Rabindranather Shiksha, Bijnyan o Paribesh Chinta" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati, along with Tagore-songs organized by Granthan Bibhaga, Kolkata and Sangit-Bhavana, Visva-Bharati, Santiniketan.

21 September, 2013: Directed and participated in a lecture demonstration on "Asia's First Nobel...And-A Few 'Song Offerings' from Gitanjali" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana organized by C.N.R. Rao Education Foundation, Indian Institute of Science at Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore, Karnataka.

29 September, 2013: Directed and participated in a lecture presentation on Asia's First Nobel-and-a few "Song Offerings" from Gitanjali", delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance organized by Sangit-Bhavana, which was broadcast from Doordarshan Kendra, Kolkata.

11 October, 2013: On the occasion of the visit of His Excellency Sri Pranab Mukherjee, the honorable President of India and the Visitor of Visva-Bharati as well as programme of lecture on Asia's First Nobel-and-a-few "Song Offerings" from Gitanjali delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance organized by Sangit-Bhavana at Lipika Auditorium, Santiniketan.

6 December, 2013: Performed at a Programme of 'Youth Congress', organized by Sangit Bhavana at Natyaghar, Lipika on the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India and the Visitor of Visva-Bharati at Natyaghar, Santiniketan.

17 December, 2013: Directed and participated in a lecture on "Tagore's Model of Holistic Education" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at IICB, Kolkata.

22 January, 2014: Directed and participated in a lecture on "Asia's First Nobel : 'Songs Offerings from 'Gitanjali' " delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance, performed by Sangit-Bhavana at India International Centre, New Delhi.

24 January 2014: Directed and participated in a lecture on "From Visva Parichay to God Particle" delivered by Vice-

chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Indradhanush Auditorium, Rashtrapati Bhawan, New Delhi.

29 January, 2014: Directed and participated in a lecture on "Transition from 'Gitanjali' to 'Song Offerings'" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Raj Bhawan, Kolkata, on the occasion of the Centenary of 'Handing Over' of the Nobel Prize to Gurudev Rabindranath Tagore on this day in 1914 at Raj Bhavana, Kolkata.

19 February, 2014: Performed in Tagore's Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata at the invitation of by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

12 March, 2014: Directed and participated in a lecture delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Lipika Auditorium.

16 March, 2014 : Performed in Rabindranath Tagore's Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

Yaikhom Hemanta Kumar:

20 April, 2013 : Participated in the Symposium and presented a paper on Manipuri Classical Dance at Jawaharlal Nehru Manipur Dance Academy, Imphal, organized by ICCR, Shilong and Thoibi Devi Manipuri Dance & Research Centre, Manipur.

28 June, 2013: Manipuri Dance Lai- Haraoba presented at Lipika Hall on the occasion of a visit by Sri M.K .Narayan Governor of West Bengal, at Visva-Bharati.

8 December, 2013: Manipuri Raas performance at Natya Ghar on the occasion of National Science Congress.

12 December, 2013: Participated in a Manipuri Classical Dance at the Suri Gaan O Naach Mela (Festival of Dance and Music).

15, 21 - 22 March, 2014: Performed Lecture cum Demonstrations on Performing Arts of Manipur at Academic Staff College, Manipur University.

21 May, 2014 : Award received "Guru Tarunkumar memorial Gold Medal Award" sponsored by Progressive Artist Laboratory, Imphal, Manipur.

K. Sunita Devi

28 June, 2013: Participated at Lipika in presence of Honorable Governor M. K. Narayanan and arranged Manipuri Classical Dance "Laharoba".

6 December, 2013: Participated in a Cultural programme in Manipuri Classical Dance Rass. at Natyaghar, Visva-Bharati.

Malay Sankar Chattopadhyay

9 May, 2013: Invited for Solo Programme at Madhya Kolkata Sanskriti Angan

16 May, 2013 : Invited for Solo Programme at Uttam Manch Organised by St. Helen School of Kolkata on the occasion of Rabindra Jayanti.

20 May, 2013: Performed Solo Programme at Rabindra Sadan on the occasion of Rabindra Jayanti organised by Govt of West Bengal.

29 May, 2013 : Directed Music and Participated in Gitanjali Utsav at ICCR with Visva-Bharati Group.

19 June, 2013: Performed in a lecture presentation on "J.C. Bose & Rabindranath : Two soulmates of the Cosmos", delivered by Prof. Sushanta Dattagupta, Vice-Chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

25 July, 2013: Performed in a presentation on "Asia's First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.

26 July, 2013: Performed in a lecture demonstration on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Prof. Sushanta Dattagupta, Vice chancellor, Visva-Bharati along with Tagore-songs &

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dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.

23 August, 2013: Performed in Tagore's Dance Drama "Shapmochan", in August, 2013 at Tollyclub, Tollygunge, Kolkata by Mr. Viji Iyengar, Calcutta Promotions, Kolkata.

27 August, 2013: Performed in a Seminar on "Rathindranath Tagore: The Unsung Hero" in collaboration with Rabindra Bhavana.

29 - 31 August, 2013: Performed in a National Seminar of the Department of Rabindra Sangit, Dance & Drama, Sangit-Bhavana, Visva-Bharati on 'Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atulprasad, Rajanikanto, Dilip Kumar and Nazrul'.

11-12 September, 2013: Performed in a lecture demonstration on "Rabindranather Shiksha, Bijnyan o Paribesh Chinta" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati, along with Tagore-songs organized by Granthan Bibhaga, Kolkata and Sangit-Bhavana, Visva-Bharati, Santiniketan.

17 December, 2013: Directed and participated in a lecture on "Tagore's Model of Holistic Education" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at IICB, Kolkata.

22 January, 2014: Directed and participated in a lecture on "Asia's First Nobel : 'Songs Offerings from 'Gitanjali' " delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance, performed by Sangit-Bhavana at India International Centre, New Delhi.

19 February, 2014: Performed in Tagore's Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata at the invitation of by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

12 March, 2014: Directed and participated in a lecture delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Lipika Auditorium.

16 March, 2014 : Performed in Rabindranath Tagore's Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

Prasanta Kumar Ghosh

7 November 2013: Performed Rabindra Sangit (Solo) at Lalit Kala Academy Chennai, Invited by VELAMMAL'S INTERNATIONAL SCHOOL, Ponneri, CHENNAI on the occasion of Centenary of Tagore's Nobel.

9 August, 2013: Performed Rabindra Sangit at Rabindra Sadan on the occasion of Rabindra Nath's Death Anniversary 1420, by invitation of Rabindra Sadan (Information and Cultural Affairs, Govt. of West Bengal).

27 August, 2013: Participated in the seminar Rathindranath Tagore: "The Unsung Hero" in collaboration with Rabindra Bhavana.

15 May, 2013: Performed Rabindra Sangit at Rabindra Sadan on the occasion of Rabindra Janmotsav 1420, by invitation of Rabindra Sadan (Information and Cultural Affairs, Govt. of West Bengal),

Participated and performed in the programme of lecture on "Tagore's Model of Holistic Education" delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance.

This programme was held at: 6 June, 2013: Yunnan University, Kunming, China.

26 July, 2013: Performed in a Programme Organized by Tagore Public School, Allahabad.

21 May, 2013 : Music Directed and Performed Rabindranath Tagore's Dance-Drama "Shapmochan" on the occasion of Rabindra Janmotsav at G.D.Birla Sabhaghar, Kolkata, by invitation of Visva-Bharati Publishing Department, Kolkata.

Participated and performed in the programme of lecture on "Asia's First Nobel and a few Song offerings From Gitanjali" delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance. This programme was held on :

21 May, 2013: Organised by Granthan Vibhaga, V.B. Kolkata at G.D.Birla Sabha Ghar, Kolkata.

1 June, 2013: Organised by "Tongji University, Sanghai, China".

4 June, 2013: Organised by "Yunnan University, Kunming, China".

19th June 2013: Organised by TCNSP Kolkata at Bose Institute.

25th July 2013: Organised by NASI, Allahabad UP.

21st Sept 2013: Organised by C.N.R. RAO Education Foundation, IIC and JNCASR Bangalore.

29th Sept 2013: Broadcasting on Doordarshan Kendra Kolkata.

11th October, 2013: Lipika Auditorium, Santiniketan in presence of His Excellency, Sri Pranab Mukhopadhyay, Honorable President of India and the Paridarshaka (Visitor) of Visva-Bharati.

22nd January, 2014: Participated in the programme of lecture on "Asia's First Nobel 'Song Offerings from 'Gitanjali' " delivered by Vice-Chancellor, Visva-Bharati, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at India International Centre, New Delhi.

24th January 2014: Participated in the programme of lecture on "From Visva Parichay to God Particle" delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Indradhanush Auditorium, Rashtrapati Bhawan, New Delhi.

29th January, 2014: Participated in the programme of lecture on "Transition from 'Gitanjali' to 'Song Offerings'" delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Raj Bhawan, Kolkata, on the occasion of the Centenary of 'Handing Over' of the Nobel Prize to Gurudev Rabindranath Tagore on this day in 1914 at Raj Bhavana, Kolkata.

19th February, 2014 : Performed in Tagore's Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata being invited by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

16.03.2014 : Performed in Rabindranath Tagore's Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

Mohan Kumaran. P

24th. April, 2013: Conducted and presented a paper on 'Chronicle of Kathakali' in a seminar on "Origin and development of National Dances".

P. Mukunda Kumar

10th May, 2014: Performed Raavanavijayam (Rambha) at Thrissur Kathakali club.

12th May, 2013: Performed Kiratham (Arjunan) at Trivandrum.

24th November, 2013: Performed Classical Kathakali at Udayasankar Festival (Dakshayagam) at Kolkata.

13th June, 2013: Performed Subhadraharanam (Balaraman) at Karalman (Malappuram Dst.)

26th January 2014: Performed Geethopadhesham (Arjuna) at Gitanjali Auditorium

Arpita Dutta (Das)

2 April, 2013 : Performed in a lecture-demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati on "Tagore's Model of Holistic Education", supported by Tagore songs & Dance by Sangit Bhavana, Visva-Bharati at ICCR, Kolkata. This programme was organized by Bengal Initiative.

21 May, 2013 : Directed & Performed in Shapmochan on the occasion of Rabindra Janmotsava at G.D. Birla Sabhaghar, Kolkata, by invitation of Visva-Bharati Publishing Dept.

1 June, 2013: Performed at International Conference "From Tagore to Mo Yan" : Universality of the One Hundred Year's Oriental Culture" organized by Tongji University, Shanghai.

4 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "Asian First Nobel Prize and a Few song offerings" at Yunnan University, Kunming, China.

6 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "From Visva Parichay to Higgs Boson" at Yunnan University, Kunming, China.

19 June, 2013: Performed in a lecture on "J.C. Bose & Rabindranath : Two soulmates of the Cosmos", delivered by Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

21 - 23 June, 2013: Performed in a three days National Seminar of the Department of Hindusthani Classical Music,

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- Sangit-Bhavana, Visva-Bharati titled "Aesthetics of Indian Classical Music" held at Lipika Auditorium, Santiniketan. 28 June, 2013: Performed in a Programme organized on the occasion of 100 Years of Award of Nobel to Rabindranath Tagore, organized by Visva-Bharati, in the presence of Sri M.K. Narayanan, Honorable Governor at Lipika, Santiniketan.
- 25 July, 2013: Performed in a presentation on "Asia's First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.
- 26 July, 2013: Performed in a lecture demonstration on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Prof. Sushanta Dattagupta, Vice chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.
- 23 August, 2013: Performed in Tagore's Dance Drama "Shapmochan", in August, 2013 at Tollyclub, Tollygunge, Kolkata by Mr. Viji Iyengar, Calcutta Promotions, Kolkata.
- 27 August, 2013: Performed in a Seminar on "Rathindranath Tagore: The Unsung Hero" in collaboration with Rabindra Bhavana.
- 29 - 31 August, 2013: Performed in a National Seminar of the Department of Rabindra Sangit, Dance & Drama, Sangit-Bhavana, Visva-Bharati on 'Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atulprasad, Rajanikanto, Dilip Kumar and Nazrul'.
- 11-12 September, 2013: Performed in a lecture demonstration on "Rabindranather Shiksha, Bijnyan o Paribesh Chinta" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati, along with Tagore-songs organized by Granthan Bibhaga, Kolkata and Sangit-Bhavana, Visva-Bharati, Santiniketan.
- 21 September, 2013: Directed and participated in a lecture demonstration on "Asia's First Nobel...And-A Few 'Song Offerings' from Gitanjali" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana organized by C.N.R. Rao Education Foundation, Indian Institute of Science at Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore, Karnataka.
- 29 September, 2013: Directed and participated in a lecture presentation on Asia's First Nobel-and-a few "Song Offerings" from Gitanjali", delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance organized by Sangit-Bhavana, which was broadcast from Doordarshan Kendra, Kolkata.
- 11 October, 2013: On the occasion of the visit of His Excellency Sri Pranab Mukherjee, the honorable President of India and the Visitor of Visva-Bharati as well as programme of lecture on Asia's First Nobel-and-a-few "Song Offerings" from Gitanjali delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance organized by Sangit-Bhavana at Lipika Auditorium, Santiniketan.
- 6 December, 2013: Performed at a Programme of 'Youth Congress', organized by Sangit Bhavana at Natyaghar, Lipika on the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India and the Visitor of Visva-Bharati at Natyaghar, Santiniketan.
- 17 December, 2013: Directed and participated in a lecture on "Tagore's Model of Holistic Education" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at IICB, Kolkata.
- 22 January, 2014: Directed and participated in a lecture on "Asia's First Nobel : 'Songs Offerings from 'Gitanjali' " delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance, performed by Sangit-Bhavana at India International Centre, New Delhi.
- 24 January 2014: Directed and participated in a lecture on "From Viswa Parichay to God Particle" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Indradhanush Auditorium, Rashtrapati Bhawan, New Delhi.
- 29 January, 2014: Directed and participated in a lecture on "Transition from 'Gitanjali' to 'Song Offerings'" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Raj Bhawan, Kolkata, on the occasion of the Centenary of 'Handing Over' of the Nobel Prize to Gurudev Rabindranath Tagore on this day in 1914 at Raj Bhavana, Kolkata.

19 February, 2014: Performed in Tagore's Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata at the invitation of by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

12 March, 2014: Directed and participated in a lecture delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Lipika Auditorium.

16 March, 2014 : Performed in Rabindranath Tagore's Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

Nandita Basu Sarbadhikary

29.05.2013: Directed music and participated in the programme presented by Visva-Bharati on the occasion of Gitanjali Utsav at ICCR organized by Rabindra-Bharati.

21st to 23rd June, 2013: Took part in a three day National Seminar of the Department of Hindusthani Classical Music, Sangit-Bhavana, Visva-Bharati titled "Aesthetics of Indian Classical Music" held at Lipika Auditorium, Santiniketan.

27 August, 2013: Participated in the seminar "Rabindranath Tagore: The Unsung Hero" in collaboration with Rabindra Bhavana.

29th August to 31st August, 2013: Co-ordinated the national Seminar of the Department of Rabindra Sangit, Dance & Drama, Sangit-Bhavana, Visva-Bharati on 'Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atulprasad, Rajanikanto, Dilip Kumar and Nazrul'.

11th September to 12th September, 2013 : Took part in a two day National Seminar jointly organized by Sangit-Bhavana, Visva-Bharati Santiniketan and Granthan-Bivaga, Kolkata on 'Rabindra Sangiter Bhuvan' at Kalakunja, Kolkata.

6th December, 2013: Participated in a Programme on the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India and the Visitor of Visva-Bharati. Also participated in the Youth Congress organized by Sangit-Bhavana at Natyaghar, Santiniketan.

Manini Mukhopadhyay

2 April, 2013 : Performed in a lecture-demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati on "Tagore's Model of Holistic Education", supported by Tagore songs & Dance by Sangit Bhavana, Visva-Bharati at ICCR, Kolkata. This programme was organized by Bengal Initiative.

21 May, 2013 : Directed & Performed in Shapmochan on the occasion of Rabindra Janmotsava at G.D. Birla Sabhaghar, Kolkata, by invitation of Visva-Bharati Publishing Dept.

1 June, 2013: Performed at International Conference "From Tagore to Mo Yan" : Universality of the One Hundred Year's Oriental Culture" organized by Tongji University, Shanghai.

4 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "Asian First Nobel Prize and a Few song offerings" at Yunnan University, Kunming, China.

6 June, 2013: Performed in a Lecture demonstration presented by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana on "From Visva Parichay to Higgs Boson" at Yunnan University, Kunming, China.

19 June, 2013: Performed in a lecture on "J.C. Bose & Rabindranath : Two soulmates of the Cosmos", delivered by Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

21 - 23 June, 2013: Performed in a three days National Seminar of the Department of Hindusthani Classical Music, Sangit-Bhavana, Visva-Bharati titled "Aesthetics of Indian Classical Music" held at Lipika Auditorium, Santiniketan.

28 June, 2013: Performed in a Programme organized on the occasion of 100 Years of Award of Nobel to Rabindranath Tagore, organized by Visva-Bharati, in the presence of Sri M.K. Narayanan, Honorable Governor at Lipika, Santiniketan.

25 July, 2013: Performed in a presentation on "Asia's First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.

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26 July, 2013: Performed in a lecture demonstration on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Prof. Sushanta Dattagupta, Vice chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.

23 August, 2013: Performed in Tagore's Dance Drama "Shapmochan", in August, 2013 at Tollyclub, Tollygunge, Kolkata by Mr. Viji Iyengar, Calcutta Promotions, Kolkata.

27 August, 2013: Performed in a Seminar on "Rathindranath Tagore: The Unsung Hero" in collaboration with Rabindra Bhavana.

29 - 31 August, 2013: Performed in a National Seminar of the Department of Rabindra Sangit, Dance & Drama, Sangit-Bhavana, Visva-Bharati on 'Rabindranath O Samosamoyik Bangla Geetikargan: Dwijendralal, Atulprasad, Rajanikanto, Dilip Kumar and Nazrul'.

11-12 September, 2013: Performed in a lecture demonstration on "Rabindranath Shiksha, Bijnyan o Paribesh Chinta" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati, along with Tagore-songs organized by Granthan Bibhaga, Kolkata and Sangit-Bhavana, Visva-Bharati, Santiniketan.

21 September, 2013: Directed and participated in a lecture demonstration on "Asia's First Nobel...And-A Few 'Song Offerings' from Gitanjali" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana organized by C.N.R. Rao Education Foundation, Indian Institute of Science at Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore, Karnataka.

29 September, 2013: Directed and participated in a lecture presentation on Asia's First Nobel-and-a few "Song Offerings" from Gitanjali", delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance organized by Sangit-Bhavana, which was broadcast from Doordarshan Kendra, Kolkata.

11 October, 2013: On the occasion of the visit of His Excellency Sri Pranab Mukherjee, the honorable President of India and the Visitor of Visva-Bharati as well as programme of lecture on Asia's First Nobel-and-a-few "Song Offerings" from Gitanjali delivered by respected Upacharya Prof. Sushanta Dattagupta along with Tagore-songs and dance organized by Sangit-Bhavana at Lipika Auditorium, Santiniketan.

6 December, 2013: Performed at a Programme of 'Youth Congress', organized by Sangit Bhavana at Natyaghar, Lipika on the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India and the Visitor of Visva-Bharati at Natyaghar, Santiniketan.

17 December, 2013: Directed and participated in a lecture on "Tagore's Model of Holistic Education" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at IICB, Kolkata.

22 January, 2014: Directed and participated in a lecture on "Asia's First Nobel : 'Songs Offerings from 'Gitanjali' " delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance, performed by Sangit-Bhavana at India International Centre, New Delhi.

24 January 2014: Directed and participated in a lecture on "From Viswa Parichay to God Particle" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Indradhanush Auditorium, Rashtrapati Bhawan, New Delhi.

29 January, 2014: Directed and participated in a lecture on "Transition from 'Gitanjali' to 'Song Offerings'" delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Raj Bhawan, Kolkata, on the occasion of the Centenary of 'Handing Over' of the Nobel Prize to Gurudev Rabindranath Tagore on this day in 1914 at Raj Bhavana, Kolkata.

19 February, 2014: Performed in Tagore's Dance Drama "Mayar Khela", at Lady Brabourn College, Kolkata at the invitation of by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

12 March, 2014: Directed and participated in a lecture delivered by Vice-chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana at Lipika Auditorium.

16 March, 2014 : Performed in Rabindranath Tagore's Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.

Saptarshi Ray:

- 27-03-2013: Participated in Vasantotsava in the morning session at Santiniketan..
- 27-03-2013: Performed "Shapmochan" in Vasantotsava in the evening session, Santiniketan.
- 15-04-2013: Performed chorus songs on the occasion of Nababarsha at Upasana Mandir , Santiniketan
- 15-04-2013: Performed chorus songs in Barshabaran at Purono Ghantatala, Santiniketan
- 15-04-2013: Performed songs in the inauguration of "Dinendra Kunja", Santiniketan
- 9-05-2013: Performed chorus songs and participated in the programme on "25th Baishakh", Upasana Mandir , Santiniketan
- 9-05-2013: Performed solo songs and participated in the programme on "25th Baishakh", Shyamali Prangana , Uttarayana, Santiniketan, Upasana Mandir , Santiniketan
- 8-08-2013: Participated and performed songs on "22nd Shrabana", Upasana Mandir , Santiniketan.
- 8-08-2013: Participated and performed songs in "Briksharopana", Purono melar math , Santiniketan.
- 12-03-2013: Participated and performed songs in the programme of "Rabindra Saptaho", Lipika auditorium, Santiniketan
- 13-08-2013: Participated and performed songs in the programme of "Rabindra Saptaho", Lipika auditorium, Santiniketan
- 14-08-2013: Participated and performed songs in the programme of "Rabindra Saptaho", Lipika auditorium, Santiniketan.
- 15-08-2013: Participated and performed songs in the programme of "Flag Hoisting" on Independence day. Supervised jointly, Physical education ground, Santiniketan.
- 16-08-2013: Participated and performed songs in the programme of "Barshamangal", Natyaghar, Santiniketan.
- 28-06-2013: Participated and performed programme of inauguration of "Guhaghar" in the presence of Hon'ble Governor on the occasion of "100 years of Noble Prize" celebration, Udayana Griha , Uttarayana , Santiniketan.
- 28-06-2013: Participated in the programme addressing Hon'ble Governor on the occasion of "100 years of Noble Prize" celebration, Lipika auditorium
- 21 to 23.06. 2013: Participated in the seminar on "Aesthetics of Indian Classical Music", Lipika auditorium.
- 29 to 31.08.2013: Participated in the seminar on "Rabindranath O Samasamayik Gitikargan: Dwijendralal, Atulprasad, Rajanikanta, Dilip Kumar O Najrul", Lipika auditorium
- 18-12-2013: Trained students, participated and performed chorus songs on "Dinendra Jamnotshab", Upasana Mandir, Santiniketan
- 22-12-2013: Participated and performed song on "Baitalik".
- 23-12-2013: Participated and performed songs on 7th Paush Upasana, Chhatimtala , Santiniketan.
- 25-12-2013: Performed songs in "Shraddhabasar", Amra Kunja , Santiniketan
- 25-12-2013: Participated and performed songs in Khrishtotshaba, Upasana Mandir , Santiniketan
- 22-01-2014: Participated and performed solo song in weekly Mandir, Upasana Mandir , Santiniketan
- 25-01-2014: Participated and performed songs in "Mahgotsab".
- 26-01-2014: Participated and performed songs on "Republic Day Parade", Physical education ground , Santiniketan.
- 31-01-2014: Participated and performed songs in the inauguration of New Building in Sangit Bhavana, Upasana Mandir, Santiniketan.
- 19-02-2014: Performed in "Mayar Khela"dance drama, Lady Brabourn College , Kolkata.
- 15-03-2014: Participated in the Basanta-Bandana ceremony and solo singing, Ashrama Math , Santiniketan.
- 16-03-2014: Participated in Basantotshab in the morning session, Ashrama Math , Santiniketan.
- 16-03-2014: Solo singing in the evening of Basanta utsab, Ashrama Math , Santiniketan

Surajit Ray:

- 27-03-2013: Participated in Basantotshab in the morning session at Santiniketan..
- 27-03-2013: Performed in "Shapmochan" in Basantotshab in the evening session, Santiniketan.
- 15-04-2013: Performed chorus songs in Nababarsha at Upasana Mandir , Santiniketan
- 15-04-2013: Performed chorus songs in Barshabaran at Purono Ghantatala, Santiniketan
- 15-04-2013: Performed chorus songs in the inauguration of "Dinendra Kunja", Santiniketan
- 9-05-2013: Performed chorus songs and participated in the programme in "25th Baishakh", Upasana Mandir , Santiniketan

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9-05-2013: Performed solo songs and participated in the programme in "25th Baishakh", Shyamali Prangana , Uttarayana, Santiniketan, Upasana Mandir , Santiniketan

3-07-2013: Participated and performed songs in weekly mandir.

31-07-2013: Participated and performed songs in weekly mandir, Upasana Mandir, Santiniketan

8-08-2013: Participated and performed songs in "22nd Shrabana", Upasana Mandir, Santiniketan.

8-08-2013: Participated and performed songs in "Briksharopana", Purono melar math, Santiniketan.

12-03-2013: Participated and performed songs in the programme of "Rabindra Saptaho", Lipika auditorium, Santiniketan

13-08-2013: Participated and performed songs in the programme of "Rabindra Saptaho", Lipika auditorium , Santiniketan

14-08-2013: Participated and performed songs in the programme of "Rabindra Saptaho", Lipika auditorium , Santiniketan.

15-08-2013: Participated and performed songs in the programme of "Flag Hoisting" on Independence day. Supervised jointly, Physical education ground , Santiniketan.

16-08-2013: Participated and performed songs in the programme of "Barshamangal". Supervised jointly, Natyaghar , Santiniketan.

28-06-2013: Participated and performed programme of inauguration of "Guhaghar" in the presence of Hon'ble Governor on the occasion of "100 years of Noble Prize" celebration, Udayana Griha , Uttarayana , Santiniketan.

28-06-2013: Participated in the programme addressing Hon'ble Governor on the occasion of "100 years of Noble Prize" celebration, Lipika auditorium

21 to 23.06. 2013: Participated in the seminar on "Aesthetics of Indian Classical Music", Lipika auditorium.

29 to 31.08.2013: Participated the seminar on "Rabindranath O Samasamayik Gitikargan: Dwijendralal, Atulprasad, Rajanikanta, Dilip Kumar O Najrul", Lipika auditorium

18-12-2013: Trained students, participated and performed chorus songs on "Dinendra Jannotsab", Upasana Mandir , Santiniketan

22-12-2013: Participated and performed song on "Baitalik".

23-12-2013: Participated and performed songs in 7th Paush Upasana, Chhatimtala , Santiniketan.

25-12-2013: Performed songs in "Shraddhabasar", Amra Kunja , Santiniketan

25-12-2013: Participated and performed songs in Khrishtotshaba, Upasana Mandir , Santiniketan

22-01-2014: Participated and performed solo song in weekly Mandir, Upasana Mandir , Santiniketan

25-01-2014: Participated and performed songs in "Mahgotsab".

26-01-2014: Participated and performed songs on "Republic Day Parade", Physical education ground , Santiniketan.

31-01-2014: Participated and performed songs in the inauguration of New Building in Sangit Bhavana, Upasana Mandir, Santiniketan.

19-02-2014: Performed in "Mayar Khela"dance drama, Lady Brabourn College , Kolkata.

15-03-2014: Participated in the Basanta-Bandana ceremony and solo singing, Ashrama Math , Santiniketan.

16-03-2014: Participated in Basantotsab in the morning session, Ashrama Math , Santiniketan.

16-03-2014: Solo singing in the evening of Basanta utsab, Ashrama Math , Santiniketan

Takhellambam Gyanapati Devi :

8-08-2013: Directed dance for Procession of Brikkharopan.

16-08-2013: Performed and directed dance for Barshamangal

16-03-2014: Given stage performances & composed dance for Basanta Utsav.

Mrityunjay Kumar Prabhakar :

Had theatre workshop with pupil of DIET, Daryagang and prepared a one act play 'Razia Sultan' written & directed by me.

10th March 2014: Show of 'Khwahishen' in Kalidas Ranganalay, Patna, Bihar, written and directed by me.

N.P. Sanakaranarayanan:

21st May 2013: Participated in a Dance Drama organised by Visva-Bharati Granthan Vibhaga, GD Birla Sabhagriha, Kolkata.

28th May 2013: Performed traditional Kathakali program on at Kerala Kalamandalam, Kerala.
8th & 9th June, 2013: Performed traditional Kathakali program at Kerala.
20th June 2013: Participated in a traditional Kathakali program in the presence of the Hon'ble Governor, West Bengal on the occasion of 100 years of Nobel Prize Celebration at Visva-Bharati, Santiniketan.
23rd August 2013: Performed Tagore Dance Drama 'Shap-Mochan' organized by Tolly Club Kolkata.
29 - 31 August 2013: Three day Seminar- Rabindranath O Samosamoyik Bangla Geetikaran, Dwijendralal, Atul Prasad, Rajanikanto, Dilip Kumar & Nazrul
11th& 12th September 2013: Participated in a Seminar on Rabindra Sangiter Bhuban.
17th -20th January 2014: Kathakali Demonstration Program on Sharangadev Somsaroha, Music and Dance, organized by Mahagami Sangit Academy and Ministry of Cultural Relations, Aurangabad.
3rd and 4th January 2014: Performed well known traditional Kathakali program at Kerala.
17th to 20th January 2014 : Performed traditional Kathakali program Sarangadev Samaroh Music & Dance National Festival on Aurangabad organised by Mahagami Sangit Academy C&C Ministry o Cultural Relations.
January 2014: Played traditional performance of Chenda in the valuable presence of Hon'ble Govenor, West Bengal.
February 2014: Performed traditional Kathakali program at Gitanjali auditorium.
16th March 2014: Performed Tagore Dance Drama'SHYAMA' on the occasion of Vasanta Utsav, Visva-Bharati, Santiniketan.

Mrityunjay Kumar Prabhakar:-

26th March 2014: Paper presented on 'Bhikhari Thakur and the politics of Exclusion' in a one day seminar organized by School of Arts & Aesthetics, JNU.

Manoj Kumar Sharma :

9th & 10th February 2014 : Participated in a National Seminar on "Achievements of Women in Indian Theatre" organized by Women's Study Centre in Association with Karmi Mandali , Visva-Bharati, Santiniketan.
19th February, 2014: Accompanied in Sitar Recital in Tagore`s Dance Drama "Mayar Khela", at Lady Brabourne College, Kolkata being invited by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourne College, Kolkata.
23rd April 2014: Conducted the Foreign Students programme, Sangit-Bhavana on the occasion of Rabindra Utsava.

Amartya Mukherjee:

07.02.2014: Recited and performed in the programme of International Seminar organized by NSS and Physical Education Visva-Bharati, Santiniketan.
19 02, 2014: Performed in Tagore`s Dance Drama "Mayar Khela", at Lady Brabourne College, Kolkata being invited by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.
16.03.2014: Performed in Rabindranath Tagore`s Dance Drama "Shyama" on the occasion of Vasantotsava at Visva-Bharati, Santiniketan.
16.03.2014: Recited in the morning programme of Vasantotsava at Visva-Bharati, Santiniketan.
21. to 24 03, 2014 : Participated in four days National Seminar organized by Rabindra Bhavana on "Interactions": Rabindranath Tagore and Local/Global Personalities" at Lipika Auditorarium.

Sumit Basu:

25th May, 2013: Performed in Kaviguru Saranam, at Gitanjai Bolpur, organized by Kalashram and Rashtrakavi Ramdhari Singh 'Dinkar' Smriti Nyas, Delhi in Co-operation with SSDA. in the presence of Pt. Birju Maharaj.
29, 30, 31st August, 2013: Attended Two day National seminar organized at Lipika.
20 & 21 Sept, 2013: Attended and Presented paper on 'Indian Traditions, Cultural Heritage, Baisnavism in Manipuri Dance'in UGC Sponsored National Seminar at Margherita College on 'Indian Performing Art ; Heritage and Tradition' organized by Department of Assamese, Margherita College, under Dibrugar Univ.
15th Sept 2013: Performed Classical Dance at Doordarshan Santiniketan.

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14 to 16th Sept, 2013: Participated and performed dance with Tulsi Bhajan in the Inaugural ceremony in National Seminar of Hindi Bhavan on the Hindi Divash celebration.

1-7 Oct, 2013: Visited Sarojini Naidu School of Arts and Communication, University of Hyderabad, as Visiting Faculty at the Department of Dance.

31st Oct, 2013: Performed Bhanu Sinher Padavali in Maitei Jagoi, at Dr. Triguna Sen Auditorium, Jadavpur.

15 & 17 Nov, 2013: Participated and presented a cultural program on 'Glimpse of Tagore dance with Indian Classical Folk Tune and Style', at National Conference on "Frontiers in Algology and Algal Biotechnology", Visva Bharati.

02/ to 10 Dec 2013: Conducted and Imparted Training on Gurudev Rabindranath Tagore's Art Forms, in Kaanger Valley Academy, Raipur.

7 Jan 2014: Performed Tagore Music and Dance at City Group of College, Lucknow.

6 Jan, 2014: Performed Tagore Music and Dance at Lucknow Youth Hostel, in the presence of Hon. Narayan Dutt Tiwari, former Governor.

9 & 10 Feb, 2014: Presented a paper on Role of Women in Manipuri Gitinatya & Nrityanatya, in a National seminar organized by Women's Studies Center, VB.

18-19 Feb, 2014: Presented a paper on 'The Spirituality' of Shri Shri Ramakrishna and The Mystic dance tradition of Manipur, in a National Seminar organized by Dept. of Philosophy and Comparative Religion.

5 to 12 June, 2014: Participated in an Orientation Programme on Rabindranath and Santiniketan, Tagore Studies Unit, Visva Bharati.

13 March, 2014: Participated in a discussion in MANASHI, about Rabindra Nritya Natyer Dhara, at AIR, Santiniketan.

On going Research Projects in the Departments :

Sangit-Bhavana has come up with Rabindra Sangit Gaveshana Kendra (RSGK) under which all its research activities are centered. A few of the projects taken up so far are-

- i. Name of the Teacher: - Prof. Indrani Mukhopadhyay
- ii. Name of the Project - Kalanokramik Rabindra Sangit Prakalpa (KRSP)
- iii. Sponsoring Agencies - Visva-Bharati
- iv. Amount Sanctioned - 10,00,000/- in the first phase.
- v. Duration of the Project - 5 Years.

A project to revive Tagore's Phalguni has been identified and preparations to stage it as a revival of Phalguni as staged by Tagore himself is approved.

Regular presentation of Tagore's solo and group songs in lecture demonstrations is a feature of the Gaveshana Kendra.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers of the Department.

Cultural Programmes

Cultural Programmes organized by the Bhavana have already been mentioned in the individual profiles.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.). : NIL

Publications within the year April 2013-March 2014.

Indrani Mukhopadhyay:

29.01.2014 : Transition from Gitanjali (Bengali) to Gitanjali (Song Offerings), jointly with Sushanta Duttagupta, Occasional Paper 8, Celebrating the centenary of the award and handover of the Nobel Prize to Rabindranath Tagore, Rajbhavan, Kolkata.

Madhabi Ruj:

11th September 2013: A Book on “Birbhumer Lokosangit”, 21 Satak at Kalamandir, Kolkata

Swastika Mukhopadhyay:

CD Publications:

May, 2013: Momo Manasa Sathi: A Solo album of Rabindrasangit published by Bhavna records

July 2013 : Tomari Onubhobe: An album of songs of Rajnikanta Sen, published by Bhavna Records

August, 2013: Arghya: An album of Rabindra Sangit, published by Music 2000

October 2013: Je Din Futlo Kamal: A CD released by Mukta Dhara. A live performance at Netaji Indoor Stadium under the title Hazar Kantha.

November 2013: Gems from Santiniketan (Two songs) published by Sa re ga ma.

January 2014: Samskrit Rabindrasangit: Tagore Songs in Sanskrit published by Gathani Records

Mohan Kumaran P:

Published two articles on Aesthetics in the international e- journal 'Sangit Galaxy'. <http://sangeetgalaxy.co.in/> ISSN 2319 - 9695

Editorship of Journals: Member of Editorial advisory board for International E Journal 'Sangeet Galaxy' <http://sangeetgalaxy.co.in/> ISSN 2319 - 9695.

Saptarshi Ray:

Shanaier Shrabanshilpi Rabindranath Sahitya-Parishat-Patrika (Vol. 117, No.2-4 , 1417)

Mrityunjay Kumar Prabhakar:

'Sashi Dekho Jag Baudana'- a Play Published by Inklit Publication, Jan, 2014, ISBN9788192458939

'Jayen To Jayen Kahan' -An adaptation of Ngugi Wa Thiyong's play 'The Black Hermit' published by Inklit Publication, Feb 2014, ISBN 9788192458922

'Andha Yug: Ek Punraivalokan' - An article published in magazine Samved, June 2013, ISSN 2231-3885

Designing New Course /Curriculum or any other teaching innovations introduced by the Department :

Introduced M. Phil. Course in Rabindrasangit

Sangit-Bhavana has planned to introduce the new curriculum on Rabindranritya and Two Years Certificate Course in Rabindra Sangit in Kolkata from the academic year 2014-15.

Sangit-Bhavana is fortunate to have five Visiting Professors, Emeritus Professors and two Adjunct Professors They are :

Prof. Sitansu Ray, Emeritus Professor.

Prof. Arup Ratan Bandopadhyay, Emiretus Professor.

Prof Arun Kumar Basu, Visiting Professor.

Prof. K. Jatindra Singh, Visiting Professor.

Prof. Sandip Basu Sarbadhikary, Adjunct Professor

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plan for development.

Sangit Bhavana as an Institute of Music, Dance & Drama under Visva-Bharati University is absolutely unique in nature as much as in its regular involvement in organizing functions and festivals e.g. Bengali New Year day and Tagore's birth day, 7th Pous, Festival of the rains, Tagore week, Tree Planting Ceremony, the Autumn festival, Spring festival as well as weekly Mandir Services (Upasana) etc., as laid-down in the statutes of the University since the time of Rabindranath Tagore. Innumerable other musical soirees are also presented in honour of respected guests of the University, seminars of other depts., throughout the year. The pressure is primarily on the dept. of Rabindra Sangit and also partially on the dept. of Dance, all of which fall within the dept. of Rabindra Sangit, Dance & Drama. These are activities which lie outside the syllabus of the institute but are integrated factors which help our students to become

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acquainted with stage performance and become individual performers in later life. This is also considered as an essential aspect which uplifts the tradition of Shantiniketan which has become absolutely essential for the entire country at present.

It has been increasingly felt that the dance thoughts of Rabindranath Tagore needs to be put within a systematic syllabus, which will portray the essence of Tagorean thoughts regarding dance. Hence we sincerely feel that our forthcoming Course on Rabindranritya will come up with a contribution to the tradition in Santiniketan.

The Centre for Esraj is another area where the Bhavana feels that it will contribute to the preservation and practice of this rare instrument, which was a favourite of Tagore. Through this Centre we hope to patronize the practice, playing and theorizing the instrument in all manner.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included.

We are bestowed with the responsibility to organize different seasonal and day-marked programmes with the help of teachers of the institute who are equally involved with regular academic work. The vision of the great teacher Rabindranath was to give a complete education to the students by which all the humanitarian and cultural aspects, traditional values, philosophical values of life, thoughts etc., would be imbibed in them. His vision was not to produce mere degree holders but to mould and shape the students in to a real man who would have in himself all the higher and subtle values of life. It has been regrettably felt by Visva-Bharati and particularly Sangit-Bhavana that contrary to the ideas of Tagore regarding education, the U.G.C. has on its records transformed this university in to just another Central University under it. Our requirements and nature of work cannot be looked upon at par with any other Central University in our country as no other Central University was founded by a man with a vision like Tagore. Hence, while taking any decision, it is felt that these points require special consideration.

Regarding achievement of Sangit-Bhavana, it is worth to be specially mentioned that, on the occasion of Rabindranath Tagore's 150th birth anniversary Sangit-Bhavana has organized, conducted and performed numerous cultural programmes, Seminars etc. under the able leadership of Prof. Indrani Mukhopadhyay, the then Principal Sangit-Bhavana and now the Provost, here at Santiniketan and other places of India and abroad in the recent past during 2013-2014.

Department of Hindustani Classical Music

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Monali Bairagi . (NET Qualified)

Departmental Seminars (Speakers, Title of the Seminar, Date).

21.06.2013 National Seminar on Aesthetics of Indian Classical Music

Speakers: Pt. Manilal Nag, Prof. Arun Basu, Prof. Indrani Mukhopadhyay, Prof. Kaberi Kar, Prof. Mohan Singh Khangura.

22.06.2013

Speakers: Shankarlal Bhattacharya, Prof. Sitangshu Ray & Prof. Tapati Mukhopadhyay. The Seminar was followed by a sitar recital by Pt. Manilal Nag and Mita Nag.

23.06.2013

Vocal recital by Padmasree Wasifuddin Dagar, Lecture demonstration on Pakhawaj by Pt Dalchand Sharma, Lecture on Tabla by Pt Govinda Basu, Vocal Recital by Purnima Sen in the National seminar on Aesthetics of Indian Classical Music.

Only National and International Level Standard Conferences/ Seminars/Workshop/Exhibitions/Performances attended by teachers, Research Scholars in details.

Mohan Singh Khangura

16 February 2014: Performed Dhrupad at the birth place of Swami Vivekananda, organized by 'Jalsaghar', Kolkata.

Sabyasachi Sarkhel

27 March, 2013: Participated in the Dance Drama "Shapmochon" at Santiniketan in the Vasantotsab.

14 April'2013: Performed sitar recital at Burdwan on 1st Baishakh.

21 May, 2013 and 23 August, 2013: Participated in the Dance Drama "Shapmochon" at Birla Sabhaghar, Kolkata Tolly club.

21 -23 June, 2013: Actively participated in a three days National Seminar on Aesthetics in Music: A Tribute to Pandit D.T. Joshi organized by Sangit Bhavana, Visva Bharati.

24 June'2013: Performed sitar recital at Siliguri.

25 June, 2013: Performed sitar recital at Kolkata AIR.

29 -30 August, 2013: Participated in the National Seminar on Rabindranath, D.L.Roy, Atulprasad, Rajanikanta, Dilip kumar Roy and Najrul organized by Sangit Bhavana, Visva Bharati.

16 -18 December, 2013: Chaired a session and participated in the International Seminar on Creating &Teaching Music Patterns at Rabindra Bharati University.

6 & 7 September, 2013: Chief Guest in the Inaugural session of the National Seminar "Unity in Diversity" : Tagore's idea of Indian Culture" at Iswar Chandra Vidyasagar College, Belonia, Tripura. Also delivered plenary lecture.

11- 12 September, 2013: Participated in National Seminar on Rabindra Sangiter Bhuban at Kalakunja Kolkata

22 -23 November'2013: Participated in the National Seminar and delivered Lecture and demonstration on "Philosophical perspectives of music: Theory & Practice" at Mugberia Gangadhar Mahavidyalaya, Purba Medinipur.

Kaberi Kar

20-26 May, 2013: Attended the International Convention of SPICMACAY at IIM, Joka, Kolkata.

21,22,&23 June, 2013: Co-ordinated a National Seminar on Aesthetics of Indian Classical Music at Lipika, Santiniketan. 13,14 &15 Aug, 2013: Nominated as a judge from Ministry of Culture under the scheme of National scholarship to young artists of Hindustani Classical Music.

29 -30 August, 2013: Participated in the National Seminar on Rabindranath, D.L. Roy, Atulprasad, Rajanikanta, Dilip kumar Roy and Najrul organized by Sangit Bhavana, Visva Bharati.

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2 Oct, 2013: Performed Dhrupad at Sobhabajar Thakurbari organized by Uttar Kolkata Sangit Chakra, Kolkata.

17 November, 2013: Performed Dhrupad at Jadavpur University organized by Ramkrishna Sarada Mission on the occasion of 150th years of Birth centenary of Swami Vivekananda.

20 December, 2013; Involved in training for music presentation by students of Sangit Bhavan in Hindusthani Classical Music Festival organized by Sangit Bhavana.

6,7& 8 February 2014: Performed Dhrupad at a program organized by Benaras Dhrupad Mela at Varanasi.

20 & 21 March, 2014: Was invited to deliver a lecture cum demonstration in the National Seminar on "The Significance of the embellishment of Indian Music" at the Department of Music, Delhi University

Sunil Kabiraj

25 July, 2013: Participated in the programme of lecture on "Asia`s First Nobel and Santiniketan Seasons Through a Few Song Offerings" delivered by Vice-Chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by NASI, Allahabad.

26 July, 2013: Participated in the programme of lecture on "Tagore Model of Holistic Education-from Grassroot to the Higgs Boson" delivered by Vice-Chancellor, Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Public School, Allahabad.

28 June, 2013: Participated in the Programme in the presence of Honourable Governor on the occasion of 100 years of Nobel Prize Celebration, organized by Visva-Bharati, Santiniketan at Lipika, Visva-Bharati.

19 June, 2013: Performed in a lecture on "J.C. Bose & Rabindranath : Two soulmates of the Cosmos", delivered by Prof. Sushanta Dattagupta along with Tagore-songs & dance performed by Sangit-Bhavana, organized by Tagore Centre of Natural Science & Philosophy at Bose Institute Kolkata.

21 September, 2013: Directed and participated in a lecture demonstration on "Asia`s First Nobel...And-A Few 'Song Offerings'" from Gitanjali" delivered by Prof. Sushanta Dattagupta, Vice-chancellor, Visva-Bharati along with Tagore-songs & dance performed by Sangit-Bhavana organized by C.N.R. Rao Education Foundation, Indian Institute of Science at Jawaharlal Nehru Centre for Advance Scientific Research, Bangalore, Karnataka.

Swapan Kumar Ghosh

24 March 2014: Performed Solo Classical Music recital in the National Programme of Music of All India Radio, Delhi.

Nikhilesh Chowdhury

21-23 June, 2013: Participated in a National Seminar on Aesthetics of Indian Classical Music, organized by Department of Hindusthani Classical Music, Sangit Bhavana, Visva-Bharati at Lipika, Visva-Bharati.

29-31 August, 2013 : Participated in the National Seminar on "Rabindranath O Samasamaik Bangla Gitikargan : Dwijendralal, Atulprashad, Dilipkumar, Najrul" organized by Sangit Bhavana, Visva-Bharati at Lipika, Visva-Bharati.

28 March, 2013 : Received "Certificate of Education Excellence" by International Institute of Education & Management, New Delhi.

Dilip Kumar Karmakar

3 August, 2013: Participated in the National Seminar on "Sant Tulsi Das" organized by Hindi-Bhavana, Visva-Bharati Santiniketan.

29-31 August, 2013: Participated in the Seminar on "Rabindranath O Samasamaik Bangla Gitikargan : Dwijendralal, Atulprashad, Dilipkumar, Najrul" organized by Sangit-Bhavana at Lipika, Visva-Bharati.

Basavi Mukerji

25-26 March, 2014 : Presided as chairperson for two sessions of the UGC sponsored seminar entitled, "Impact of Globalisation on Indian Music " by the Dept of Instrumental Music, Rabindra Bharati University, Kolkata.

10 October, 2013: Performed Khayal and Sadara in the internet radio "Surtarang" from UK

19 March 2014: Performed Khayal and Thumri in morning ragas for Door Darshan, Santiniketan.

Buddhadev Das

12 April, 2013: Performed in Esraj in the Special year-end Event in the Seminar on "Tagore-Ocampo" and Drama "Phalguni" organized by Rabindra Sangit Gabeshona Kendra at Lipika Auditorium Santiniketan.

21 April, 2013: Esraj Solo Recital at School Of Music "Nandanik" Sodpur.

07 May, 2013: Performed on Esraj for Rabindra Sangit programme in Dooradarshan kolkata recorded on and telecast on 02/06/2013.

21 May, 2013: Performed on Esraj in the Function of Asia's first Nobel: A Few 'Song Offerings' on the birth ceremony of Rabindranath Tagore and Dance Drama 'Sapmochan organized by Visva-Bharati Granthan Vibhag at G.D Birla Shabbaghar,Kolkata.

29 May, 2013: Performed on Esraj in the function of "Song offerings of Gitanjali" at ICCR Kolkata.

26 June, 2013: Performed on Esraj for Rabindra Sangit programme in Dooradarshan Kolkata recorded on and telecast on 07/07/2013.

24 July, 2013: Performed on Esraj in Dooradarshan Kolkata recorded on and telecast on 04/08/2013.

27 August, 2013: Performed in Dooradarshan Kolkata with the script of Gitanjali, demonstrated by Honorable Vice Chancellor of Visva-Bharati.

23 August, 2013: Performed in Dance drama'Shapmochan' organized by Tolly Club at Tollygunge Club, Kolkata.

31 August, 2013: Performed in the Seminar of ' Rabindranath Tagore and cotemporaneous (Dijendralal, Atulprasad, Rjanikanta,Dilip Kumar, Nazrul)' organized by Sangit Bhavan Visva Bharati at Lipika Auditorium, Santiniketan.

12 September, 2013: Performed in the seminar of 'Rabindra sangiter Bhuvan' organized by Visva Bharati Sangit Samiti and Visva Bharati Granthan Vibhag at Kalakunja Auditorium in Kolkata.

21 January, 2014: Performed in the Function of Asia's first Nobel: A Few 'Song Offerings' From Gitanjali at India International Centre.

24 January, 2014: Performed in the Function of Asia's first Nobel: A Few 'Song Offerings' From Gitanjali invited by President at Rastrapati Bhavan, Delhi.

29 January, 2014: Performed on the "occasion of the centenary of Handing over of the Nobel Prize to Gurudev Rabindranath Tagore" requested by The Governor of West Bengal at Raj Bhavan Kolkata.

07 February, 2014: Classical Esraj recital on The Classical Music Evening at Thakur Nagar,Bongan,Uttar 24 Pargana Organized by Hindol.

12 February, 2014: Classical Esraj recital recording in Prasar Bharati, all India Radio Kolkata broadcast on 19/02/2014.

29 February, 2014: Performed in a dance drama 'Mayar Khela' organized by Lady Brabourne College, Kolkata.

Sandip Kumar Ghosh

5 March, 2013: Participated as an Artist in a Seminar on Swami Vivekananda, Organised by Indira Gandhi National Integration Centre, V.B.

21 - 23 June, 2013: Performed and participated in a three days National Seminar of Hindusthani Classical Music Dept., Sangit-Bhavana, Visva-Bharati on "Aesthetics of Indian Classical Music" held at Lipika Auditorium, Santiniketan.

29-31 August, 2013: Participated in the seminar on Rabindranath and other contemporary Composers of Bengali Songs.

5 March, 2013: Participated as an Artist in Kabita Utsav organized by West Bengal Govt.

8 August, 2013: Performed in the Classical Program, organized by Rotary Club of Kasipore and Pratha Subham society, Kolkata at Satyajit Roy Auditoriam.

19 & 20 February, 2014: Performed Tabla in A.I.R, Kolkata.

24 March 2014: Performed Tabla in National Program in A.I.R Kolkata.

9 April 2014: Performed Tabla in Kolkata Doordarshan as an Artist

20 Jan, 18 February & 25 Mar, 2014: Performed Tabla in Aurobinda Bhavan, Santiniketan.

Tapas Chatterjee

21-23 June, 2013: Participated in a National Seminar on "Aesthetics of Indian Classical Music" organized by Department of Hindustani Classical Music, Sangit-Bhavana, Visva-Bharati at Lipika,Visva-Bharati.

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29-31 Aug, 2013 : Participated in the seminar on "Rabindranath O Samasamaik Bangla Gitikaran: Dwijendralal, Atulprasad Dilipkumar, Nazrul", Sangit-Bhavana, Visva-Bharati at Lipika, Visva-Bharati.

11 & 12 September 2013: Participated in the Seminar on Rabindra Sangiter Bhuban organized by Granthan Vibhaga and Visva-Bharati Kolkata at Kalakunja Lipika.

17 -20 January, 2014 : Participated for Kathakali Demonstration Program organized Mahagami Sangit Academy & Ministry Of Cultural Relations Aurangabad.

Eshita Chakraborty

17 -18 August 2013: Invited to adjudicate the 86th Annual Music Competition at Bharati Bhavana, Burnpur, Dist. Burdwan from.

Ranajit Das

21 to 23 June, 2013: Participated in the national Seminar on "Aesthetics of Indian Classical Music" organized by Department of Hindustani Classical Music, Sangit Bhavana, Visva-Bharati held at Lipika Auditorium.

29 - 31 August 2013: Participated in the Seminar on "Rabindranath O Samasamayik Bangla Gitikargan : Dwijendralal, Atulprasad, Dilipkumar, Nazrul" held at Lipika Auditorium from August

Amit Verma

September 2014: Performed in University of Rajasthan, Jaipur.

9 & 10 February 2014: Participated in the National Seminar on "Achievements of Women in Indian Theatre" organized by Women's Study Centre in Association with Karmi Mandali , Visva-Bharati, Santiniketan.

Ranjani Ramchandran

3 December 2013: Solo Performance in the Hindustani Classical Music Festival organized by Sangit Bhavana, Visva Bharati, Santiniketan.

8 December 2013: Hindustani classical vocal recital in the 5th National Youth Science Congress at Natya Ghar, Santiniketan.

20 December 2013: Involved in training for music presentation by students (B.Mus and M.Mus.) in the Hindustani Classical Music Festival organized by Sangit Bhavana, Visva Bharati University, Santiniketan.

28 December. 2013: Performance at the Haridas Sangeet Samaroha organized by Viswa Kala Sangam, Chennai

9 February 2014: Solo performance at the INT Aditya Birla Center for Performing Arts and Research

19 March 2014: Concert at the ITC Sangeet Research Academy, Kolkata

20-22 March 2014: Participated and made a presentation on "Talim and my understanding and interpretation of the same as a performing vocalist" at the International Seminar titled "North Indian Classical Music: Traditional Knowledge and Modern Interpretations" organized by The School of Cultural Texts and Records, Jadavpur University, Kolkata.

Mousumi Roy

21-22 June, 2013: Participated in the National Seminar on "Aesthetics of Indian Classical Music", Department of Hindusthani Classical Music, Sangit Bhavana, Visva-Bharati, Lipika, Visva-Bharati.

29-31 August, 2013: Participated in the National Seminar on " Rabindranath O Samasamaik Bangla Gitikargan: Dwijendralal, Atulprasad, Dilipkumar, Najrul", Sangit Bhavana, Visva-Bharati, Lipika, Visva-Bharati.

3 August 2013: Participated in One-day National Seminar "Saint Tulsidas" organised by Hindi Bhavana, Visva-Bharati on the occasion of 73rd Tulsi Jayanti.

13 March, 2014: A memorial lecture on Hazrat "Amir Khusro and his music" organised by Dept. of Persian, Jamia Millia Islamia University, New Delhi.

Abir Singh Khangura

8.5.2013 to 2.7.2013: Visited different European countries for two months in order to make the European audience familiar with the traditional Indian Classical Instrument Esraj and performed eighteen concerts in this particular tour. Visited the following countries :- Finland, France, Germany, Switzerland (Ali Akbar Music Collage) & Belgium.

Manoj Kumar Sharma

8 December 2013: Performed Hindustani classical vocal recital in the 5th National Youth Science Congress at Natya Ghar, Santiniketan.

19 December 2013: Solo Performance in the Hindustani Classical Music Festival organized by Sangit Bhavana, Visva Bharati University, Santiniketan.

9 -10 February 2014: Participated in the National Seminar on "Achievements of Women in Indian Theatre" organized by Women's Study Centre in Association with Karmi Mandali , Visva-Bharati, Santiniketan.

19 February, 2014: Performed Sitar in Tagore's Dance Drama "Mayar Khela", at Lady Brabourne College, Kolkata being invited by Prof. Ajanta Chowdhury, Alumini Association, Lady Brabourn College, Kolkata.

23 April 2014: Conducted the Foreign Students Programme, Sangit-Bhavana, on the occasion of Rabindra Utsava, organized by Air Time Marketing and sales India Pvt. Ltd. (Power FM) at Calcutta Club.

On going Research Projects in the Departments : Nil

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers of the Department.

Cultural Programmes

15 April, 2013 (Bengali New Years Day): Dept. of Hindustani Classical Music Organized a Classical programme on "Kheyal Recital" by Pandit Santanu Bhattacharya on the occasion of Bengali New Year at Sriniketan.

6 December, 2013: On the occasion of the visit of His Excellency Sri Pranab Mukherjee, the Honorable President of India, a programme of classical music was held in which Ranjani Ramachandran, Shubhayu Sen Majumder and Abir Singh Khangura performed at the cultural programme in the Seminar of P.S.V. at Natyaghar, Santiniketan.

21 May, 2013 :Music Directed and Performed Rabindranath Tagore's Dance-Drama "Shapmochan" on the occasion of Rabindra Janmotsav at G.D.Birla Sabhaghar, Kolkata, by invitation of Visva-Bharati Publishing Department, Kolkata.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.): :

Mohan Singh Khangura

Awarded by Punjabi Academy, Govt. of New Delhi for contribution in Indian Classical Music and Panjabi culture in May, 2013

Awarded the "Sangeet Natak Academy Award" on 11 May, 2014 at Rashtrapati Bhavana, New Delhi.

Awarded the "Rabindranath Tagore Birth Centenary Plaque" for outstanding work constituting a creative contribution to human culture in May, 2014 by Asiatic Society.

Govt. of West Bengal awarded the "Bangabibhusan" award in May, 2014.

Sabyasachi Sarkhel

Awarded "A" Grade from AIR Audition Board, New Delhi in March-2014.

Swapan Kumar Ghosh

Awarded "A" Grade from AIR Audition Board, Kolkata in November-2013.

Mousumi Roy

Honoured with Nandan Sree award given by Surnandan Bharati in Birla Academy of Art & Culture on 8th December 2013.

Ranjani Ramachandran

Conferred with the Ramkrishnabua Vaze Yuva Gayak Puraskar, Pune on 3rd Decembereember 2013. Concert at Gandharva Mahavidyalaya, Pune, Maharashtra on the same occasion.

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Publications within the year April 2013-March 2014.

Swapan Kumar Ghosh

"Origin and evolution of Pakhawaj" published in the Book entitled 'New Dimension of Indian Music' Page-170-177, edited by Tripti Watway, Kanishka Publishers, Distributors, New Delhi-110002, ISBN-978-81-8457-5323, in the year-2013.

Basavi Mukerji

- a. Commercial album of devotional songs titled, "Romance of Indian Spirituality" released by the Saregama India Ltd., Mumbai in December 2013.
- b. Article titled, "Aspects of Improvisation in Hindustani Classical Music" published in prestigious music journal, "Samakalika Sangeetham", September 2013, ISSN No. -2319-3506, Calicut in.
- c. A detailed interview published in question answer format in Cyber Literature journal, CLOJ, Special Issue - 2013 (ISSN 0972-0901) in November 2013.

Mousumi Roy

Bhairavir Sure ek Manavik Samparka, ek Manavik Chetana- Article published in the journal Ra-Patrika, Kolkata-86, 2013.

Rag Raginir ghum bhangano Dwijendralaler Gan- Article published in the magazine Atmavikash, Kolkata-89, 2013 (ISSN: 2278-6171).

Amit Kumar Verma

"Sangeet ke Vikas me Sangeet Patrika ka Yogdan" published in Kalakunj magazine in the year September 2013.

"Naadadhnam Jagat" published in Kalakunj magazine in the year August 2013.

"Tabla Vadan me Ganit ke Madhyam se Soundarya Sristi" in Sangeet Galaxy E-Journal in the year July 2013.(www.sangeetgalaxy.co.in) ISSN: 2319-9695.

"Internet ke Madhyam se Sangeet Shiksha : Ek Drashti" published in Kalakunj magazine in the year June 2013.

Designing New Course /Curriculum or any other teaching in Novemberations introduced by the Department:

Introduced M. Phil. Course.

Opened Centre for Esraj.

**VINAYA-BHAVANA
(INSTITUTE OF EDUCATION)
DEPT. OF EDUCATION**

NAME OF THE STUDENTS QUALIFIED IN UGC / CSIR/ NET/ SLET/ AND GATE EXAMINATIONS

UGC-NET: 9 students

Sabnam Ara Yasmin, Arifa Sultana, Chayan Das, Alka Moktan, Monojit Koley, Patit Paul, Dilbaag Singh, Kalpatru Mondal and Rathindra Chandra De

DEPARTMENTAL SEMINAR (SPEAKERS, TITLE OF THE SEMINAR, DATE)

10 April 2013: Lecture on Personality & Leadership Development by Swami Tanmayananda , Secretary, Ramakrishna Vedanta Trust, Ambikapur,Chattisgarh.

04 June 2013: Lecture on Qualitative Research in Education by Dr. N. Pradhan, Head, Department of Education, Ravenshaw University, Cuttack, Odisha.

05-06 September 2013: Two Day National Seminar on Legacy of Radhakrishnan : Representing India in the New Global Order with participations such as Prof. Andre Bettelle, Professor Emeritus as Chief Guest and Prof. U.C.Vasishtha, University of Lucknow (Key Note Speaker).

11 November 2013: Organizing a Rally and One Day Seminar on 'Right to Education' to celebrate National Education Day with Prof. Karunasindhu Das, Formar Vice-Chancellor, Rabindra Bharati University, Kolkata as Chief Guest.

16-17 January 2014: Two Day Workshop on Value Oriented Education of School Teachers (Primary Level) of Birbhum District, West Bengal with Swami Visvanathananda, Kolkata and Dr. Raja Ghosh, Chairman, Birbhum District Primary School Council in attendance.

03-04 February 2014: Two Day National Seminar on Treasure of Tranquility: Philosophical Legacy of Indian Education with Prof. Mohammad Akhtar Siddiqui (Jamia Millia Islamia, New Delhi as Chief Guest and Prof. Rakesh Chandra, University of Lucknow, as Key Note Speaker.

24-25 March 2014: Two Day National Workshop on Values Orientation of Secondary School Teachers & Administrators with Swami Suparnananda, Secretary, Institute & Culture, Ramakrishna Mission, Kolkata.

ONLY NATIONAL AND INTERNATIONAL STANDARD CONFERENCE/SEMINAR/WORKSHOP/ EXHIBITION ETC. ATTENDED BY TEACHERS / RESEARCH SCHOLARS IN DETAILS:

Sabujkoli Sen

Delivered Inaugural address in the National Seminar on "Legacy of Radhakrishnan: Representing India in the New Global Order", organized by Department of Education, Vinaya Bhavana, Visva-Bharati on 5/9/2013.

Delivered Inaugural address in the Camp on "Personality and Leadership Development for an Awakened Nationhood", organized by Department of Education, Vinaya Bhavana, Visva-Bharati during 31/12/2013 to 1/1/2014.

Delivered Inaugural address in the Workshop on "Value Oriented Education of School Teachers (Primary Level) of Birbhum, West Bengal", organized by Department of Education, Vinaya Bhavana, Visva-Bharati on 16/1/2014.

Delivered Inaugural address in the National Seminar on "Treasure of Tranquility: Philosophical Legacy of Indian Education", organized by Department of Education, Vinaya Bhavana, Visva-Bharati during 3-4 February, 2014.

Delivered Inaugural address in the National Seminar on "Value Orientation of Secondary School Teachers & Administrator", organized by Department of Education, Vinaya Bhavana, Visva-Bharati during 24-25 March, 2014.

Delivered Inaugural address in the National Seminar on "Political Economy of Agrarian Crisis and Environmental Challenges in India" organized by Department of Economics, visva-Bharati, on 21st and 22th March, 2014.

Chaired a session in the National Seminar on "Curriculum Development of Teacher's Education Course" organized by Netaji Subhas Open University on 30th March, 2014.

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Delivered a lecture on "Status of Women in Indian Scriptures" organized by Rabindra Bhavana and Women Studies Centre, Visva-Bharati on the occasion of International Women's Day on 8th March, 2014.

Chaired a session in the International Seminar on "Interactions: Rabindranath and Local/Global Personalities" organized by Rabindra Bhavana, Visva-Bharati on 21 - 24th March, 2014.

Delivered inaugural address on 24th National Conference of Sports Psychology on "Sports and Exercise Psychology: Career Development and Psychological Aspects of Youth Sports, Mental Relaxation - A Key to Neuro-Muscular Harmony of Sports Persons" organized by Department of Physical Education, Visva-Bharati, Santiniketan on 4th January, 2014.

Delivered inaugural address on International Conference on "Traditional Sports and Modern Sports for the Development of Global Human Resource" organized by Department of Physical Education, Visva Bharati, Santiniketan on 7th February, 2014.

Resource person in "Major Religions of the World course" in Ramakrishna Mission Institute of Culture, Kolkata, from 2008 to till now. Deliver lectures regularly on History of Religious Studies and Buddhism. Delivered lectures in the following dates:

15.08.2013 to 18.08.2013, 21.09.2013 to 24.09.2013, 08.02.2014 to 11.02.2014, 17.02.2014 to 18.02.2014.

Workshop on Values Oriented Education of School Teachers (Primary Level) of Birbhum District, West Bengal - Delivered a lecture on 16.01.2014.

Delivered inaugural address in the National Seminar on Treasure of Tranquility: Philosophical Legacy of Indian Education on 3rd February & 4th February, 2014.

Delivered inaugural address in the National Workshop on values Orientation of Secondary School Teachers & Administrators on 24th March & 25th March, 2014.

Invited lecture on "Tagore's Philosophy of Upanisad" in I.C.C.R. on 15.12.2013.

International

Represented India in Okinawa, Japan in one month duration programme on "Eradication of Illiteracy" organized by JICA for the Education Administrators of different countries of the world from 14.10.2013.

Papers published

Sri Ramakrishna : from the Feminist Perspective, published in Sri Ramakrishna's Ideas and Our Times : A Commemorative Volume, Ramakrishna Mission Institute of Culture, Golpark and Ramakrishna Mission Vidyamandira, Belur Math, 2013. ISBN No: 978-93-81325-25-4.

Swami Vivekananda : Inspirer of 19th Century, Published in Swami Vivekananda : New Perspectives, An Anthology on Swami Vivekananda, Ramakrishna Mission Institute Of Culture, Golpark, Kolkata, 2013, ISBN No: 978-83-81325-23-0

Benudhar Chinara

7 September 2013: Participated and jointly (Soma Banerjee) presented a paper entitled 'Promoting peace through violence prevention in elementary school: a case of Assm' in an 'International Seminar on Non-Violence and Peace Education' organized by Shridhar University, Pilani, Rajasthan.

18 October 2013: Participated and jointly (Satyajit Rout) presented a paper entitled 'Thrust Areas of Research for Quality Elementary Teacher Education' in a UGC sponsored 'National conference on Challenges in Teacher Education, Physical Education and Sports' organized by Mhavis Mahavidyalaya, Kolhapur, Maharashtra.

16 January 2014: Participated and presented a paper entitled 'Values-governed Life in Schools: Teacher's Self-reflection' in a Birbhum District Primary School Council's sponsored 'Workshop on Values-Oriented Education of School Teachers (Primary Level)' organized by the Department of Education, Visva-Bharati, Santiniketan.

24 March 2014: Participated and presented a paper entitled 'A conceptual clarification of values' in a 'National workshop on Values Orientation of Secondary School Teachers and Administrators' organized by the Department of Education, Visva-Bharati, Santiniketan.

Others

6 January 2014: Delivered a lecture titled 'Understanding the Basics of a Research Design in Quantitative Research' on January 11, 2014 in an ICSSR's sponsored 'Research Methodology Course for Ph. D. Scholars in Social science' organized by the Department of Education, University of Calcutta, Kolkata.

28 February 2014: Delivered a lecture titled 'Operational Clarification of Certain Basic Concepts in Conducting a Research Problem in Education' on March 05, 2014 in a Short Term Course in Education for Professional development of Senior College and University Faculty entitled 'Research Methodology: Fact and Fictions' jointly organized by the Academic Staff College and Department of Education, University of Calcutta, Kolkata.

5 September 2014: Chaired a session on the theme 'Teacher Education and Radhakrishnan' in a National Seminar on 'The legacy of Radhakrishnan: Representing India in the New Global Order' organized by the Department of Education, Visva-Bharati, Santiniketan.

Kanhu Charan Sahoo

12 April 2013: National Seminar on Peace Education organized by the STTC and the Department of Education, SKB University, Purulia, West Bengal, Delivered the Key Note Address.

29 April 2013: Participated in National Seminar on Strategies for Enhancing Quality in Teacher Education organized by the HKC, Gangtok, Sikkim and delivered a Lecture on 'Quality Inputs for Teacher Education' as the Chief Guest.

5 September 2013: Participated in National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order, Institute of Education, Visva-Bharati, Santiniketan.

3 February 2014: Participated in National Seminar on Treasure of Tranquillity: Philosophical Legacy of Indian Education organized by Department of Education, Vinaya Bhavana, on 3-4 February, Participated.

Prohlad Roy

5 September 2013: National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order, Institute of Education, Visva-Bharati, Santiniketan, and presented a Paper.

3 February 2014: Participated in National Seminar on Treasure of Tranquillity: Philosophical Legacy of Indian Education organized by Department of Education, Vinaya Bhavana.

2 October 2013: Invited & delivered Speech as Resource Person on Basic Education, The Guiding Spirit of Indian Education, Swaraj Nagar Teachers Training College, Bankura, West Bengal.

7 March 2014: Invited & delivered Speech as Chief Guest on Bangla Bhasar Bibartaner Gatidhara, Deptt. of Bengali and Education (Collaborated), Lanka Mahavidyalaya, Lanka, Assam.

8 March 2014: Invited & delivered Speech as Chief Guest on Democracy & Women's Empowerment, Deptt. of Political Science, Lanka Mahavidyalaya, Lanka, Assam.

Others

Visited, Observed and Reported on Chandrabangshi College for Physical Education, Palumu, Jharkhand, October 2013.

Visited, Observed and Reported on Anandapur B.ed College, Anandapur, Odisha, 12th January 2014.

Visited, Observed and Reported on Remuly Secondary Training School, Remuly, Keonjhar, Odisha, 13th January 2014.

Visited, Observed and Reported on Fakirpur Secondary Training School, Fakirpur, Anandapur, Odisha, 14th January 2014.

Visited, Observed and Reported on Madhepura B.ed College, Madhepura, Bihar, 08th February 2014.

Visited, Observed and Reported on Jagatsinghpur B.ed College, Jagatsinghpur, Odisha, 20th February 2014.

Visited, Observed and Reported on Tezpur College for Teacher Education, Tezpur, Assam, 06th March 2014.

16-17 January 2014, Workshop organized as a Co-Ordinator: Workshop on Values-Oriented Education of School Teachers (Primary Level), Deptt. of Education, Vinaya Bhavana, Visva-Bharati.

Asheesh Srivastava

5 September 2013: National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order Institute of Education, Visva-Bharati, Santiniketan, and presented a paper on 'Educational Reforms in New Global Order: Exploring Post Modern Indian Education'.

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9 December 2013: Workshop on B.Ed. Curriculum in the Light of NCFTE 2010 organized by Department of Education, and presented a Paper on 'Curriculum & Pedagogy in NCFTE-2009'.

18 January 2014: A Conference on Inter-religious Understanding organized by Santiniketan Charitable Trust, Visva-Bharati.

3 February 2014: National Seminar on Treasure of Tranquillity: Philosophical Legacy of Indian Education organized by Department of Education, Vinaya Bhavana, and presented a paper on 'Neo-Realistic Undercurrents in Post Independent Indian Education'.

9 February 2014: Achievements of Women in Indian Theatre Women's Studies Centre, organized by Women Study Centre, Visva-Bharati, and presented a Paper on 'Neo-Realism in Modern Indian Theatre'.

1 March 2014: National Workshop on Mathematics Teaching under Semester System at Undergraduate Level: Perspective & Strategies organized by Centre for Mathematics Education, Institute of Science Visva-Bharati, Santiniketan. Presented a paper on 'Assessment Strategies in Semester System'.

Others

17 February 2014: Training of DIET teachers of West Bengal State on RTE-2009 Training Programme on RTE-2009 RIE-NCERT, Bhubaneswar, Odisha.

6 January 2014: ICSSR sponsored Research Methodology programme Quantitative vs. Qualitative Research: Myths & Realities Department of Education, University of Calcutta, Kolkata.

16 December 2013: One Week Workshop Developing Resource Materials on RTE Act- 2009 (Section 29) for West Bengal State RIE-NCERT, Bhubaneswar, Odisha.

10 June 2013: One Week Training-cum-Workshop on the Issues of Quality in Elementary Education for Master Trainers of Andaman & Nicobar Island, Port Blair organized by DEP-SSA, IGNOU-MHRD at Siksha Sadan, Port Blair, Andaman & Nicobar Island.

22 November 2013: Resource Person at UGC Sponsored National Seminar on Right to Education & Its Proper Implementation: Problems & Way-Out for Better Future organized by Kaliachak College, Malda, W.B.

16 December 2013: One Week Workshop on Developing Resource Materials on RTE Act- 2009 (Section 29) for West Bengal State organized by RIE-NCERT, Bhubaneswar, Odisha.

3 June 2013: Delivered a Lecture as Resource Person on Enhancing Teaching Skills at 29th Teacher Training Programme for "Secondary School Muslim Teachers" at Agra, Organized by Uttar Pradesh Falaeh Aam Society.

Mohammad Shaheer Siddiqui

5-March 2013: International Seminar at Jamia Millia Islamia, New Delhi, organized by Centre for Jawaharlal Nehru Studies. Presented a paper on 'Marginal Cost of Economic Development: The Developmental Strategy with Educationally Deprived National Minority'.

9 March 2013: National Seminar at Visva-Bharati, Santiniketan, organised by Department of Environmental Sciences. Presented a paper entitled 'The Crisis of Modernity: Education, Environment and Sustainable Development'.

23 March 2013: National Seminar at Visva-Bharati, Santiniketan, organised by Department of Social Studies and Rural Development, Palli Charcha Kendra, Sriniketan. Presented a paper entitled 'Education and Empowering the Villages: Towards Sustainable Development'.

5 September 2013: National Seminar on 'Legacy of Radhakrishnan' at Visva-Bharati, Santiniketan, organised by Vinaya Bhavana (Institute of Education). Presented a paper titled 'Sufism: The Harmonious Heritage of Indian Culture'.

24 November 2013: National Seminar on 'Challenges and Prospects of Inclusive Growth in Rural India' on 23rd -24th November, 2013, organized by A.K. Dasgupta Centre for the Planning and Development, Department of Economics & politics, Visva-Bharati, Santiniketan, Presentation of paper entitled on 'Quality Education for Rural Development: Role of Community Participation under RTE Act-2009'

14 December 2013: National Seminar on 'Peace and Social Justice Movements: Ideals and Activism' by Nehru Studies Centre & UGC-SAP, Department of Political Science, University of Allahabad, Allahabad, presentation of paper entitled on 'Sufism: in Indian Culture: The Harmonious Heritage of Love and Fraternity'.

17 January 2014: UGC-ICSSR Sponsored National Seminar on 'Challenges of Development: Revisit to Inclusiveness' organized by Zakir Husain College, Department of Commerce, University of Delhi, presentation of paper entitled on 'Education and Sustainable Economic Development'.

3 February 2014: National Seminar at Visva-Bharati, Santiniketan, organised by Department of Education, Vinaya Bhavana (Institute of Education), during 3-4, February, 2014, Participated and presented a paper titled 'Utlibul Ilma Walau Bis Seen: Rethinking Islamic Philosophy of Education'

19 February 2014: National Seminar at North Eastern Regional Institute of Education (NERIE), Shillong, a constituent body of NCERT. Participated and presented a paper titled 'Management of Mental and Spiritual Health in Schools: Policies and Philosophical Perspectives'.

1 March 2014: National Seminar at Aligarh Muslim University, Aligarh. Participated and presented a paper titled 'Madarsa Education in West Bengal: Disappearing Identity, Islamic Culture and Education Rights of Muslim Minority'.

Others

22 July 2013: Participated in the Orientation Programme on 'Right to Education' organised by National University of Educational Planning and Administration (NUEPA).

9 December 2013: National Workshop on 'Development of Teacher Education Curriculum (B.Ed. & M.Ed.) in the Light of NCFTE 2009' organized by Department of Education, Vinaya Bhavana, Visva-Bharati, Santiniketan, West Bengal. Presentation of paper as a Resource Person entitled on 'Foundations of Education: An Approach to Sustainable Teacher Education'.

24 December 2013: Participated in Winter School equivalent to RC/OP organize by UGC-ASC, Jamia Millia Islamia, New Delhi.

24 March 2014: National Workshop on Values Orientation of Secondary School Teachers & Administrators organized by, Department of Education, Vinaya Bhavana, Visva-Bharati.

Sarita Anand

5 September 2013: National Seminar on the 'Legacy of Radhakrishnan: Representing India in New Global Order' organized by the Department of Education, Visva-Bharati. Presented a paper on 'The Teacher: Relevance of Radhakrishnan's Vision in 21st Century'.

3 February 2014: National Seminar on the 'Treasure of Tranquility: Philosophical Legacy of Indian Education' organized by the Department of Education, Visva-Bharati. Presented a paper on 'Traditional and Modern Teaching Aids: Worthwhileness or Worthless?'.

Others

20 November 2013: Attended Winter School organized by UGC-ASC Banaras Hindu University.

Shilpi Ghosh

17-23 February 2014: National Workshop on Methodological Issues in Social Science Researches organized by Faculty of Education, Banaras Hindu University, Varanasi. Also chaired two sessions.

Prosenjit Saha

5 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in New Global Order" organized by Dept. of Education Vinaya- Bhavana, Visva- Bharati, Presented a paper on 'Radhakrishnan and Women Education'.

3 February 2014: National Seminar on "Treasures of Tranquillity: Philosophical Legacy of Indian Education" organized by Dept. Of Education Vinaya- Bhavana, Visva- Bharati. Presented a paper titled 'Women in Indian Society with special Reference to Their Educational Status'.

7 February 2014: International Conference on "Traditional Sports and Games" organized by Dept. Of Physical Education, Visva- Bharati. Presented a paper on 'Martial Arts: Traditional Practice Of China'.

1 March 2014: Participated in National Seminar on "Research Frontiers in Man Nature Inter" organized by Dept. Of Geography, Vidya- Bhavana, Visva- Bharati.

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Trishna Banerjee

5-6 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in the New Global Order", organized by Vinaya-Bhavana (Institute of Education), Visva-Bharati. The title of the paper presented in Bengali is- 'Bharatiyo Samskriti O Dharmasadhonar Janak: Gyan O Karmayogi Sarvapalli Radhakrishnan'.

16-17 January 2014: Workshop on "Values-Oriented Education of School Teachers (Primary Level)", organized by the Department of Education, Vinaya-Bhavana (Institute of Education), Visva-Bharati. The title of the Paper, presented as a Resource Person is- 'Promoting Values through Songs: A Select Reading of the Lyrics of Medieval Indian Bhajans'.

3-4 February 2014: National Seminar on "Treasure of Tranquility: Philosophical Legacy of Indian Education", organized by the Department of Education, Vinaya-Bhavana (Institute of Education), Visva-Bharati. The title of the Paper, presented is- 'The Manifestation of Divinity in the Spirit of Unity: The Impact of the Medieval Bhakti Philosophy on the Evolution of Indian Education'.

Others

24-25 March 2014: National Workshop on "Values Orientation of Secondary School Teachers and Administrators", organized by the Department of Education, Vinaya-Bhavana (Institute of Education), Visva-Bharati. The title of the Paper, presented as a Resource Person is- 'Promoting Values through Songs: The Aesthetic, the Moral and the Spiritual in Rabindra Sangit'.

Participated and successfully completed the UGC Sponsored 22nd Refresher Course in "Environmental Studies" from 18th February, 2014 to 10th March 2014, obtaining Grade A, at the Academic Staff College, University of Burdwan. Awarded the Degree of Doctor of Philosophy in October 2013 from Sangit-Bhavana, Visva-Bharati on presentation of the Dissertation, entitled, "Madhya Yugiyo Bharatbarshe Bhakti-Andolan O Bhajan Sangit (Bhakti Andolan and Bhajan Sangit in Medieval India)."

EXTENSION ACTIVITIES/NSS/CULTURAL & OTHER ACTIVITIES ORGANISED BY THE DEPARTMENT AND PARTICIPATED BY THE TEACHERS AND STUDENTS OF THE DEPARTMENT

Sr.	Date	Activity	Resource Person	Title
1	26.11.2013	Meeting between Ramakrishna Sikshana Mandira, Belur Math, Dept. of Education, Vinaya Bhavana,	Prof. Sabujkoli Sen, Director, SEIRR & Principal, Vinaya Bhavana, Swami Tattwosarananda, Belur Math, Howrah Dr. K.C. Sahoo, HOD, DoE	To sign the MOU. (In Process - Approved in the last Academic Council Meeting- dtd.17.02.2014 in Principle) - (UEA - 01
2	31.12.2013 & 01.01.2014	Two Day Camp	Swami Tanmayananda, Secretary, Ramakrishna Vedanta Trust, Ambikapur, Chhattisgarh	Personality & Leadership Development for an Awakened Nationhood
3	14.01.2014	Cultural Programme	A Troop from Guwahati, Assam	Assamese Folk Song & Bihu Dance.
4	16.02.2014	One Act Play	Lucky Gupta , Artist from Srinagar.	'Maa Mujhe Tagore Banado'
5	22.02.2014	Lecture	Swami Sudarshanananda Senior Monk, Ramakrishna Mission, Shillong	Personality Development

PUBLICATIONS WITHIN THE YEAR APRIL 2013 TO MARCH 2014

Professor Benudhar Chinara

Education for Global Peace and Harmony. (Joint). EDUQUEST: An international Refereed Journal in Education. Vol.3, Issue: I, Jan- June 2014, pp.65-75. ISSN: 2277-3614.

Thrust Areas of Research for Quality Elementary Teacher Education. (Joint). Proceeding of Two Days National Conference on Challenges in Teacher Education, Physical Education and Sports organized by Mahavir Mahavidyalaya, Kolhapur, Maharashtra, October 18-19, 2013, pp.19-22. ISBN: 978 -81-927211-2-5.

Prohlad Roy

Publications:

Books

Roy, Dr. P. (2013 July). Mythological Education In Oral Literature Study On Tribes Of Arunachal Pradesh & West Bengal. LapLambert Publication, AV AKADEMIKERVERLAG GMBH & CO. KG, HEINRICH-BCKING STR,6-8,66121 SAARBRUCKEN, DEUTSCHLAND/Germany, ISBN 978-3-659-43795-3.

Roy, Dr. P. (2013 July). Dalit Education The Planning Of Rabindranath Tagore & Mahatma Gandhi. LapLambert Publication, AV AKADEMIKERVERLAG GMBH & CO. KG, HEINRICH-BCKING STR,6-8,66121 SAARBRUCKEN, DEUTSCHLAND/Germany, ISBN 978-3-659-43761-8.

Roy, Dr. P. (2013) Work Education Recapilation on Vinaya Bhavana of Visva- Bharati. LapLambert Publication, , AV AKADEMIKERVERLAG GMBH & CO. KG, HEINRICH-BCKING STR,6-8,66121 SAARBRUCKEN, DEUTSCHLAND/Germany, ISBN : 978-3-659-45701-2.

Educational Performance and Liability of National Child Labour Project, LapLambert Publication, AV AKADEMIKERVERLAG GMBH & CO. KG, HEINRICH-BCKING STR,6-8,66121 SAARBRUCKEN, DEUTSCHLAND/Germany, ISBN 978-3-659-49559-5.

Articles

'Status of Primary Education in Birbhum District of West Bengal A Study', August 2013, Golden Research Thoughts, ISSN 2231-5063.

'Perception of the Daily Wage Workers towards their Children's Education: A Study of Birbhum District of West Bengal', August 2013, International Journal of Social Science Tomorrow, ISSN 2277-6168.

'Out of School Children: A Study of Birbhum District of West Bengal', September 2013, International Journal of Social Science Tomorrow, ISSN 2277-6168.

'Educational Disparities among the Children of Daily Wage Workers: A Study', October 2013, International Journal of Social Science Tomorrow, ISSN 2277-6168.

Researchers World- Journal of Arts, Science, Commerce, October 2013, International Refereed Research Journal, ISSN 2231-4172.

Monthly Multidisciplinary Research Journal: Review of Research Journal, November 2013, ISSN 2249-894X.

'Learning Achievement of The Socially Disadvantage Group - A Study', International Journal of Social Science & Interdisciplinary Research, November 2013, ISSN 2277-3630.

'Educational Wastage: A Problem of Primary Education', American International Journal of Research in Humanities, Arts and Social Sciences December 2013-February 2014, ISSN 2328-3784.

'Attitude of The Children of Daily Labourer Towards Education: A Study of Birbhum District of West Bengal', Journal of Knowledge, August 2013, ISSN 2321-791X.

Monthly Multidisciplinary Research Journal: Indian Streams Research Journal, August 2013, ISSN 2230-7850.

'Adwaita Mallabarman O Samyabadi Bhavana', Bhasaman Adwaita Mallabarman Janmasatoborsho Smarak Sankhya, 1st January 2014, Kolkata, West Bengal.

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Mohammad Shaheer Siddiqui

Books

'Philosophical Legacy of Education' Ed. Mohammad Shaheer Siddiqui & Asheesh Srivastava; New Delhi; APH Publication: March 2014; ISBN No.978-93-313-2358-3

Articles

"The Solemnity of Studentship in Sufism: Comprehending the Concept of 'Mureed' , published in 'THE VISVA-BHARATI, QUARTELY', founded by Rabindranath Tagore, Visva-Bharati, Santiniketan, West Bengal. Volume 21 Numbers 3 & 4, Volume 22, Numbers 1&2, September-2013: ISSN 0972-043X,

'Annihilating Arrogance: Indian Approach to Constructivism in Teacher Education' Published in 'EDULIGHT-Multi-disciplinary, Bi-annual & Peer-Reviewed Journal', Kalyani, Nadia, West Bengal, India Volume - II, Issue - 4, November 2013:. ISSN-2278-9545

'Coming Across the 'Crescent Moon': Tagore's Treatment to Child Education' published in 'Research Today -A print and online open access journal www.reserachtoday.in Vol. 1 Issue 3, 2013: ISSN 2278-7585

'Women's Participation in Education And Socio-Economic Development of India: Changing Scenario in Challenging world' Published in a book titled, 'Higher Education in India: Reforms and Reality', Kolkata: Institute of Education for Women & West Bengal Government College Teachers' Association, 2013: ISBN- 978-81-8211-111-0

'Corporal Punishment and RTE Act, 2009: Longing for Life with Dignity in the Classroom' Published in a book titled, 'Education For All', ed. Jayanta Mete, - New Delhi: APH Publishing Corporation, March, 2014: ISBN978-93-313-2283-8

'Education for Sustainable Economic Development: Parameters, Progress and Prospects' Published in a Book titled 'Inclusive Growth: Challenges and the Way Out' edited by Masroor Ahmad ISBN 978-93-83334-66-7 published by A.K. Publications, Delhi year 2014

'Philosophy of Nai Taleem and Role of Tarbiyat' Published in a Book titled 'Philosophical Legacy of Education' Ed. Mohammad Shaheer Siddiqui & Asheesh Srivastava; New Delhi; APH Publication: March 2014; ISBN No.978-93-313-2358-3

Sarita Anand

A research tool entitled CAREER ASPIRATION SCALE (ISBN 978-93-83398) published from National Psychological Corporation, Agra, 2013.

Asheesh Srivastava

Books

'Philosophical Legacy of Education' Ed. Mohammad Shaheer Siddiqui & Asheesh Srivastava; New Delhi; APH Publication: March 2014; ISBN No.978-93-313-2358-3

Articles

Problems of Santal Tribe Elementary School Students In Mathematics published in The Signage An International Bi Annual & Bi Lingual Refereed Research Journal of Education & Social Sciences Jan. 2014: ISSN: 2321-6530

Trishna Bannerji

"Saraswata Surasrashta Dwijendralal Ray" (in Bengali), Antarmukh, Vol. 2, No. 4, April-June 2013, ed. Khokon Kumar Bag, Burdwan: Sampan, 2013: 13-25. ISSN: 2249-3751.

DESIGNING NEW COURSE/CURRICULUM OR ANY OTHER TEACHING INNOVATIONS INTRODUCED BY THE DEPARTMENT

This year the Department of Education is revising the Curriculum of B.Ed. as per the guidelines of NCFTE-2010 keeping in view the following three dimensions-

1. NCFTE 2010
2. Changing Needs in 21st Century Learning and Learners
3. Rabindranath Tagore's Ideology of Teacher Education

Some new initiations have also been taken this year to enhance and renovate Teaching Learning Process at the Department, as follows-

1. Classes for Communicative English for the Students studying in various courses in the Department of Education.
2. ICT Embedded Teaching Learning with the help of LCD Projector.
3. Hands-on experience & Computer Aided Teaching/Learning (CAI/CAL) in Wi.Fi enabled ICT Laboratory.
4. Educational Research and Guidance Cell and preparing Masters' students for UGC-NET/JRF by arranging contact Classes
5. Inviting Speakers and Experts of National and International Repute to Deliver Lectures/ sharing Experience on Methods and Trends of Educational Research in changing Academic Scenario in order to enhance the Quality of Research.

A BRIEF HISTORY OF THE DEPARTMENT OF THE BHAVANA/SADAN/VIBHAGA CONCERNED WITH AN INDICATION OF THE FUTURE PLANS FOR DEVELOPMENT

Vinaya-Bhavana, known as Institute of Education started functioning as a craft oriented teacher training institution in 1948 before the recognition of Visva-Bharati as a Central University and an Institution of National Importance by an Act of Parliament, Government of India in the year 1951. Keeping pace with the changing time and needs this institution has always made an effort to strike a balance between the professional and liberal dimensions of education by way of integrating teacher education, extension education, work education, education and physical education. Department of Education offers one-year B.Ed. teacher training programme, two-year M.A. Education programme and Ph.D programme in Education. Department of Physical Education provides three-year B.A./ Bask(Hons) in Physical Education, one-year B.P.Ed., and two-year M.P.Ed teacher training programmes along with Ph.D in Physical Education. The Bhavana library has a rich collection of 20,655 books and 3,456 Periodicals. There is a facility of "Gitanjali Net" connection in the library to serve the needs of the students and teachers of both the departments.

Department of Education

The genesis of the Department of Education, Vinaya Bhavana dates back to 1948 as a craft oriented teacher training institution. Right from its inception it has been mandated to make a Praxis of Education by bridging the gap between theory and practice. Orientation and Training of teachers, initially of craft and afterwards of secondary and master level teachers, have been its prime concern. With the passage of time and in keeping pace with the contemporary demands, the Department has relentlessly worked and added feathers to its cap by adding Professional Courses like B.Ed.and M.Ed. courses. With the passage of time the Department widened its scope by way of adding. M.A. (Education) Programme as a liberal stream of education alongside professional education. Doctoral level research programme is gaining momentum in the Department at this moment. Its esteemed faculty have always made their remarkable contributions towards formulation of National Policies of Education and Curriculum Frameworks of NCTE, NCERT and Model Curriculum of UGC.

Innovations in pedagogy and curriculum, inspired by Tagorian philosophy of Creativity and Freedom, has always got a centre stage in the scheme of quality education in the Department of education, Vinaya Bhavana. The fruit of education, as Gurudev wanted, was not to be confined in the ivory towers / campuses of Universities but to be of use and service to the society. The Department, being true to its spirit, has always been community centred. It has got a rich experience and heritage of teacher training and innovative methods and modalities of curriculum transaction. The credential of the Department / Bhavana in terms of its teacher training has not only been recognized by the Government of West Bengal, by giving preference to Vinaya Bhavana products in the recruitment of teachers, but across the country by way of appreciation of its teachers. The extension wing of the department organizes various in-service programmes from time to time for the benefit of Head masters and teachers of secondary schools.

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Future Plans: The Department is all set to scale new high by way of its meticulous planning for the future on the basis of a Vision Document-2020 duly discussed and developed by its faculty members. Following are some of the programmes/ activities proposed for future development of the Department:

Revival of Extension Wing with New Vigour and round the Year Activities

Publication of the Departmental Journal , both in print and electronic form

Revival of the M.Ed. Course

Introduction of Education as a Method subject in B.Ed.

Collaboration with REC for Extension Activities in the adjoining Villages / Schools

Round the Year Departmental , Regional and National Level Seminar / Conferences / Workshops

Establishment of Centre for Studies in Human Values / Epoch making Thinkers

Undertaking Researches and Projects in the emerging areas / themes of National Importance.

Automation of the Office and Student Support Services

Staff Development / Enrichment Activities.

ANY OTHER RELEVANT INFORMATION, WHICH IN THE OPINION OF THE HEAD OF THE DEPARTMENT IS WORTH REPORTING SHOULD BE INCLUDED :

The Department had proposed earlier in the XI Plan for establishment of an Academic Staff College which was duly appreciated by the visiting team of UGC . Visva-Bharati, with its rich cultural heritage and academic eminence is undoubtedly a fit place and good host for the Academic Staff College. Given the experience of teacher training since 1948, the Department of Education reiterates for the same once again and place its claim to initiate the process of founding and housing the proposed Academic Staff College. The space and ambience in the Vinaya Bhavana Campus is an added natural advantage for the claim too.

DEPARTMENT OF PHYSICAL EDUCATION

Name of the Department : Physical Education

Name of the Students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Year	Name	Exam
2013 (June)	Chiranjit Mondal	UGC - NET
	Dinanabandhu Naskar	UGC - NET
	Md. HasanujZaman	UGC - NET
2013(December)	Chumki Das	UGC - NET
	Pallab Ghosh	UGC - NET
	Sukanta Kar	UGC - NET
	Aditya Narayan Adak	UGC - NET
	Sanjib Ghosh	UGC - NET

Departmental Seminar (Speaker, Title of the Seminar, Date)

Sl. No. Year	Seminar	Speaker	Title
2014	International Conference 24th PAN ASIAN Sports & Physical Education Conference - Traditional Sports and Modern Sports for the Development of Global Human Resource	1. Prof. Jong Young Lee 2. Prof. Guy Jaouen 3. Prof. S.H. Deshpande 4. Prof. John Saunders 5. Prof. Henry Daut 6. Prof. Peter F. Yang 7. Prof. Md.Ehsani 8. Prof. NenitaSamong 9. Prof. Jerzy Kosiewicz 10. Prof. Maria Zowislo 11. Dr. Soumitra Mondal 12. Prof. Liu Si-I 13. Prof. Juan Carlos 14. Prof. VangieBoto 15. Prof. EzzeddineBouzid 16. Prof. Alok Banerjee 17. Dr. SatchidanandaBehera 18. Md. ShowkaturRehman	24th PAN ASIAN Sports & Physical Education Conferenc - Traditional Sports and Modern Sports for the Development of Global Human Resource
2014	National Conference	1. Prof. M.L. Kamlesh 2. Prof. D.K. Dhureha 3. Prof. N.N. Mann 4. Dr. Anil R. 5. Dr. Dhananjay Shaw 6. Dr. SoumendraSaha 7. Dr. SrilekhaSaha 8. Dr. ReenaKaul	24th National Confer- ence of Sports Psycho- logy on Sports and Exercise Psychology : Career Development and Psychological Aspects of Youth Sports

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Only National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research scholars in details.

National & International Seminar/Conference/Etc.

Ashok Kumar Goon

4 January 2014: 24th National Conference of Sports Psychology on Sports and Exercise Psychology: Career Development and Psychological Aspects of Youth Sports, Mental Relaxation -A Key to Neuro- Muscular Harmony of Sports Persons, Visva-Bharati, Santiniketan.

7 February 2014: International Conference, Traditional Sports and Modern Sports for the Development of Global Human Resource, Visva-Bharati, Tribal Traditional Games of Birbhum District, Santiniketan.

7 February 2014: International Conference, Traditional Sports and Modern Sports for the Development of Global Human Resource, Visva-Bharati, Santiniketan, Cold Water Immersion: A Foe for Immediate Leg Strength Recovery Post Strenuous Activity.

7 March 2014: National Seminar on Physical Education Inter disciplinary Approach (NSPEIA-2014), Relation Between Some Selected Soccer skills with some anthropometric Measurements of teen male soccer player of Kolkata and Birbhum District, LNIPE, Guwahati.

7 March 2014: National Seminar, Relation Between Some Selected Soccer Skill with some Anthropometric Measurement of teen male Soccer players of Kolkata & Birbhum District, LNIPE, Guwahati.

Sumanta Kumar Mondal

20 September 2013: UGC Sponsored National Seminar on Sustainable Development of Physical Education for Health, Active Life-Style & Well-Being in 21st Century, organised by UCTC, Behrampur, 20-21 September 2013; Presented paper, Health and Wellbeing An Interdisciplinary Perspective.

5 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in the New Global Order, Organised by Vinaya Bhavana, Visva-Bharati, Santiniketan, from 5-6, September 2013; presented a paper, Sports on the Track of Sarvepalli's Value Education : Some Thought.

7 February 2014: 24th PAN Asian Society of Sports & Physical Education, Conference on Traditional Sports & Games, Organised by Department of Physical Education, Visva-Bharati, Santiniketan, 7-9 February 2014; presented paper, Modern Sports: An Evolutionary form of Ancient Sports.

Sagarika Bandyopadhyay

16 January 2014: Workshop on "Values-Oriented Education of School Teachers (Primary Level) organised by the Department of Education, Vinaya-Bhavana, Visva-Bharati on January 16-17, 2014; Resource person.

20 April 2013: State Institute of Physical Education for Women, Hastings House, Kolkata on April 20th, 2013; Delivered Seminar talk on "Importance of Physical Education in School Education in the Present Day Perspective".

5 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in the New Global Order" organized by Vinaya-Bhavana, Visva-Bharati, Santiniketan during 5th-6th September, 2013; Chaired a session.

4 January 2014: National Conference on Sports and Exercise Psychology held at Visva-Bharati during January 4-6, 2014; Co-Chaired a session.

19 September 2013: Delivered series of lectures in the UGC Sponsored Refresher Course at Pt. RavishankarShukla University, Raipur during September 19-21, 2013 on topics entitled:Current Issues and New Paradigms in Physical Education, Fitness Trends and Attributes, Physiological Sex Difference and Participation of Women in Games & Sports, Empowerment of Women through Games and Sports, Measuring Physiological and Functional Fitness&Body Composition Measurements in Human Performance Research.

Samiran Mondal

20 September 2013: UGC Sponsored National Seminar on "Sustainable development of Physical Education for health, active life-style and well-being in 21st Century, organized by the Department of Physical Education, Union Christian

Training College, made a representation on "Early physical fitness velocity - an alarm to Indian society", 20 & 21 September, 2013 and act as a Chairperson.

4 January 2014: 24th National Conference of Sports Psychology on Sports and Exercise Psychology: Career Development and Psychological Aspects of Youth Sports, organized by the Department of Physical Education and Sports Board, Visva-Bharati, Santiniketan, from 4-6 January 2014; made a representation as a resource person on "Development of Exercise effect on brain and mental function research in the Department of Physical Education, Visva-Bharati".

16 January 2014: Workshop on Value-oriented education of school teachers (primary level), organized by the Department of Education, Vinaya-Bhavana, Visva-Bharati; 16-17, January 2014; made a representation as resource person on "Promoting values through yoga education".

7 February 2014: 24th PAN-Asian Society of Sports and Physical Education Conference With Special emphasis on Traditional Sports and Games (UNESCO recognized World intangible heritage) , organized by the Department of Physical Education and Sports Board, Visva-Bharati, Santiniketan; 7-9, February 2014; made a representation on "Indian Traditional Sports and Games: Protection and Promotion by Visva-Bharati".

24 March 2014: National Workshop on Values Orientation of secondary school teachers and Administrators organized by the Department of Education, Vinaya-Bhavana, Visva-Bharati; 24-25, March 2014; made a representation as resource person on "Yogavyayam and values orientation".

Sudarsan Biswas

13 July 2013: Inter National Conference organised by FISU at Kazan, Russia ; 14-17, July 2013; made a representation on "Competitive Women Sports in Indian Universities and dream to participate in the World Universiade".

7 February 2014: 24th PAN-Asian Society of Sports and Physical Education Conference With Special emphasis on Traditional Sports and Games (UNESCO recognized World intangible heritage), organized by the Department of Physical Education and Sports Board, Visva-Bharati, Santiniketan; 7-9, February 2014; made a paper presentation.

8 March 2014: National Seminar on Physical Education Interdisciplinary Approach, organized by North East Regional Centre, Lakshmi Bai National Institute of Physical Education, Guwahati; made a representation on "Women Sports in Indian Universities and Participation in the International Inter Universities"

Mahesh Sawata Khetmalis

5 September 2013: National Seminar on "The Legacy of Radhakrishnan: Representing India in the New Global Order, Organised by Vinaya Bhavana, Visva-Bharati, Santiniketan, from 5-6, September 2013; presented a paper, Co-Curricular Activities for Student Development.

20 September 2013: UGC Sponsored National Seminar on Sustainable Development of Physical Education for Health, Active Life-Style & Well-Being in 21st Century, organised by UCTC, Behrampur, 20-21 September 2013; Presented paper, Childhood Obesity & Exercise: A Balance View.

4 January 2014: 24th National Conference of Sports Psychology on Sports and Exercise Psychology: Career Development and Psychological Aspects of Youth Sports, Organised by Department of Physical Education, Visva-Bharati, Santiniketan, 4-6 January 2014; presented paper, Movement Concept for Children.

7 February 2014: 24th PAN Asian Society of Sports & Physical Education, Conference on Traditional Sports & Games, Organised by Department of Physical Education, Visva-Bharati, Santiniketan, 7-9 February 2014; presented paper, Traditional Games for Women in Maharashtra.

7 March 2014: National Seminar on Physical Education Interdisciplinary Approach organised by, LNIPE, Guwahati, 7-8 March 2014; presented paper, TPSR-Model for Disciplining Students: A review.

7 March 2014: National Seminar on Physical Education Interdisciplinary Approach organised by, LNIPE, Guwahati, 7-8 March 2014; presented paper, Physical Education Lesson and Academic Learning Time.

27 April 2014: National Workshop on Research Methodology, Organised by BIMTECH, Bhubaneswar, 27 April to 03 May 2014, Participated.

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Kallol Chatterjee

18 October 2013: 'Comparative Study on Anthropometric Variables and Physical Fitness Components between residential and non-residential Physical Education College students' in the UGC Sponsored National Seminar on Inter- disciplinary approaches in physical education, organized at Jalna.

4 January 2014: 'Comparative study on Competition Behavior between University level Schedule Tribe and Other Backward Caste Football Players' in the 24th National Conference of Sports Psychology on Sports and Exercise Psychology: Career Development and Psychological Aspect of Youth Sports , Organized By Department of Physical Education, Visva-Bharati, Santiniketan, 4-6 January 2014.

26 February 2014: 'A Comparative study on recovery pulse rate between Savasana and Yoga Nidra, in National Seminar on Fitness and Wellness, Organized by L.N.I.P.E, Gwalior, 25-27 February 2014.

7 March 2014: 'Comparative Study on Pre-Competition anxiety between Team games and Individual games' in the National Seminar on physical education-Inter- disciplinary approaches, Organized by L.N.I.P.E, Guwahati, 7-8th March 2014.

Sentu Mitra

8 February 2014: 24th PAN-Asian Society of Sports and Physical Education Conference With Special emphasis on Traditional Sports and Games (UNESCO recognized World intangible heritage) , organized by the Department of Physical Education and Sports Board, Visva-Bharati, Santiniketan, from 7-9 February 2014; made a representation on Effects of Intensive Interval Training and Fast Continuous Training on VO₂max.

5 January 2014: 24th National Conference of Sports Psychology on Sports and Exercise Psychology: Career Development and Psychological Aspects of Youth Sports, organized by the Department of Physical Education and Sports Board, Visva-Bharati, Santiniketan, from 4-6 January 2014; made a representation on Impact of Level of Participation on Anxiety and Performance among Basketball Players.

6 September 2013: 92nd Orientation Programme at UGC-Academic Staff College, the University of Burdwan, Burdwan from 6th Sep. 2013 to 3rd Oct. 2013 and obtained Grade-A.

Abhijit Thander

7 February 2014: International Conference of 24th Pan Asian Society of Sports and Physical Education: with Special Emphasis on Traditional Sports & Games, Organised by Department of Physical Education, Vinaya Bhavana & Visva-Bharati Sports Board, from 7th to 9th February, 2014; read a paper on 'The forgotten Traditional Sports and games and its Preservation in West Bengal.

Publications

Book

Kallol Chatterjee

Handbook of Recreational Games, ISBN 978-81-921354-1-0 Angel Publication, C-8/77-B, KeshavPuram, New Delhi-110035

Articles

Ashok Kumar Goon

Fitness and Wellness: Two Wheels of Bike India, Proceedings of National Seminar on Fitness & Wellness, "One India Fit India", February 2014, Gwalior, 363-367, 978-81-7879-801-1.

Relation Between Some Selected Soccer skills with some anthropometric Measurements of teen male soccer player of Kolkata and Birbhum District, 29, Proceedings of National Seminar on Physical Education Interdisciplinary Approach (NSPEIA-2014), 978-93-83842-16-2.

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A Study on Selected Soccer Skill Performance of Rural and Urban Soccer Players, International Journal of Scientific Research, Vol.02, No. 07, July, 2013 84-85, 2277-8179.

Comparison of Selected Physical Fitness Variables in Active Tribal School Going Female Students of Hilly Area and Plain Area, International Journal of Physical Education, Health and Social Sciences. Online Journal, Vol.02, No.02, 2013, 01-06, 2278-716X.

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Sumanta Kumar Mondal

A Study of Angular Kinematics during Receiving in Volleyball, International Journal of Health Physical Education and Computer Science in Sports Vol.10, No.1 April 2013, 2231-3265.

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Sagarika Bandyopadhyay

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Impact of Level of Participation on Anxiety and Performance among Basketball Players, International Journal of Physical Education, Fitness and Sports, March 2014, Volume 3, Issue 1, 108-113, 2277-5447.

Samiran Mondal

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Mahesh Sawata Khetmalis

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Interpersonal Relationship & External & Internal Locus of Control among National level Sports persons: A Comparative Study, International Journal of Research Pedagogy & Technology in Education & Movement Sciences, Vol.01, No.04, June-2013, 62-69, 2319-3050

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Kallol Chatterjee

'A comparative study on competition behavior pre-competition anxiety between hill and plain area level university football players' International Journal of Development Research Vol. 4, Issue, 3, pp. 447-449, March, 2014, ISSN: 2230-9926

'A comparative study of selected physical fitness components of different residential school students' International Journal of Sports Sciences and Fitness, Volume 4(1), 2014

'Comparative study of anthropometric variables and physical fitness components between below poverty line and average poverty line category physical education students' UNMESH vol.9, no1, 2013, ISSN-0974-9829

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'A comparative study on recovery pulse rate after 12 minute run and walk test'- International Organization of Scientific Research. March-April, 2014

Sentu Mitra

Impact of Level of Participation on Anxiety and Performance among the Basketball Players. Indian Journal of Physical Education Fitness and Sports, Vol. 3, No. 1, March 2014:108-113, ed. Sentu Mitra, Sagarika Bandyopadhyay and Arup Gayen. ISSN 2277: 5447

Assessment of Reaction Time of Soccer Goalkeepers Wicketkeepers in Cricket and Kho-Kho Players. Indian Journal of Applied Research. Vol. 4, No. 2, February 2014:30-31, ed. Arup Gayen, Sentu Mitra and Sagarika Bandyopadhyay. ISSN 2249-555X.

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Effects of Eight Weeks Selected Yogasanas on Flexibility Performance of Adolescent Boys. International Journal of Physical Education Health and Sports Science. Vol. 02, No. 02, September 2013:134-138, ed. Arup Gayen, Sentu Mitra and Sagarika Bandyopadhyay (Sep. 2013). ISSN 2279-0306

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Effects of Plyometric Training and Resistance Training on Specific Speed of Basketball Players. Paripex- Indian Journal of Applied Research. Vol. 2, No. 7, July 2013:35-37, ed. Sagarika Bandyopadhyay, Sentu Mitra and Arup Gayen. ISSN 2250-1991

Correlational Analysis of Physical Fitness by Norm Referenced and Criterion Referenced Standards. International Journal of Scientific Research, Vol. 2, No. 5, May 2013: 72-74, ed. Sagarika Bandyopadhyay, Arup Gayen and Sentu Mitra. ISSN 2277-8179

Abhijit Thander

'Cardiovascular Adaptation and Body Composition Changes of College Males Under the Influence of Exercise Training' International Journal of Scientific Research, Vol. 02, Issue 07, July, 2013;pp 76-77; ISSN no.2277-8179 Impact Factor: 0.3317

On-going Research Projects in the Department: (03)

a. Name of the Teacher: Prof. Sagarika Bandyopadhyay

- i. Name of the Project: Minor Research Project (Co-Investigator)
- ii. Sponsoring Agencies: UGC
- iii. Amount Sanctioned: 00 only
- iv. Duration of the project: 18 months

b. Name of the Teacher: Prof. Samiran Mondal

- i. Name of the Project: Minor Research Project (Principal Investigator)
- ii. Sponsoring Agencies: UGC
- iii. Amount Sanctioned: 1.10 Lakh only
- iv. Duration of the project: 18 months

c. Name of the Teacher: Dr. Mahesh Sawata Khetmalis

- i. Name of the Project: Minor Research Project (Principal Investigator)
- ii. Sponsoring Agencies: UGC
- iii. Amount Sanctioned: 85 Thousand only
- iv. Duration of the project: 18 months

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Extension activities/NSS/Cultural and other activities organised by the Department and participated by the Teachers and students of the Department

Prof. Sagarika Bandyopadhyay, Dr. Sentu Mitra, Mr. Abhijit Thander, & Mr. Biplob Chowdhury (RS) organised Bone Health Camp on 24.04.2013 for the elderly women of Visva-Bharati community.

Publications within the year April 2013 - March 2014

Dr. Ashok Kumar Goon: (15)

Prof. Sumanta Kumar Mondal: (06)

Prof. Sagarika Bandyopadhyay: (08)

Prof. Samiran Mondal: (10)

Dr. Sudarsan Biswas: (3)

Dr. Mahesh Sawata Khetmalis: (12)

Dr. Sentu Mitra: (10)

Mr. Abhijit Thander: (02)

A brief history on the development of the Bhavana/Sadana/Vibhaga/concerned with an indication of the future plans for development:

Games & sports and physical activities have been a part of rich cultural heritage of Visva-Bharati and Department of Physical Education since its inception has been always striving to preserve and promote it through curricular and extension activities. The Department of Physical Education, now a constituent part of the Vinaya-Bhavana (Institute of Education), had its inception in 1997 with the Certificate Course in Physical Education. Subsequently the three-year honours degree programme in Physical Education [B.P.E (Honours)] was introduced in year 1998 and it was reviewed and restructured to B.A/B.Sc (Hons) programme to produce Physical Education graduates with a vision to impart a holistic perception in scientific bases of human movement activities and its significance in human wellbeing. In addition to this undergraduate course, department offers one-year Teacher Education Programme (B.P.Ed), two-year Postgraduate study (M.P.Ed) with due recognition of the NCTE and Ph.D programme in Physical Education. The department has been taking keen interest in research and training in Physical Education & Sports and has made a noteworthy progress in these areas. Several indoor and outdoor infrastructures for training, teaching and research have been developed and construction work for few is still in progress. The aspiration of the department is to develop as an independent Bhavana (Institution) of "Physical Education and Sports" comprising of the 'Department of Physical Education' for academic pursuit and the 'Department of Sports' for rendering physical education & sport services to the Visva-Bharati community. Within the last decade the department has developed many laboratories (as directed by the NCTE too), essential for higher studies and research on 'Exercise & Sports Physiology', 'Exercise & Sports Bio-mechanics' and 'Exercise & Sports Psychology' but still lacks in sophisticated lab equipments availability of which will ensure undertaking research works in highly intense levels parallel to the leading Physical Education and Sports Science Institutions/Centers of the world. Moreover, as the department produces professionals, it is looking forward for quality professional education that requires facilities of synthetic track, play grounds & courts with internationally approved surfaces and stadiums with all grounds and courts to promote sports and wellbeing to the Visva-Bharati Community and adjoining society. In near future, the department is planning to offer certificate courses, summer programmes, orientation and refresher courses to the beneficiaries.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included:

Various Posts Held

Ashok Kumar Goon

Camp Director, Visva-Bharati Physical Education Team, held at Sathkahaniya.

Member of the Research Board in Physical Education, University of Burdwan, West Bengal.

External Member BOS, of State University, PGGIPE, Banipur.

Brajanath Kundu

Expert member for visiting team of ERC of NCTE, Bhubaneswar.
Member of the Editorial Board of "Yoga Mimamsa" published by Kaivalyadhama, Lonavla.
Life member of the National Association of Physical Education.
Member of the Editorial Board, Entire Research, National Quarterly Research Journal (Rgd. No. MAHMUL02565/13/1/2008-T.C.) 302, YeswantBldg, AnandBharati Rd, ChendaniKoliwada, Thane (E) 400603
Member of the Editorial Board of Indian Journal of Yoga, Exercise & Sport Science and Physical Education (registration Number WBBIL/2007/22677, Govt. of India.

Sumanta Kumar Mondal

Member of Board of Under Graduate Studies in Physical Education, University of Burdwan, Burdwan, West Bengal.
Reviewer of Indian Journal of Yoga, Exercise & Sport Science and Physical Education (ISSN 0975-265X).

Sagarika Bandyopadhyay

Professional Member, American College of Sports Medicine
Life Member, Sports Psychology Association of India

Samiran Mondal

Life member, National Association of Physical Education and Sport, HVP, Amravati, Maharashtra.
Executive Member (Treasurer), West Bengal Council for Institute of Physical Education (WBCIPE).
Member, West Bengal Physical Education Student's and Professional Forum.
Member of National Association of Physical Education and Sports Sciences.

Sudarsan Biswas

Life member of "Kolkata Socio Cultural Research Institute".
Life member of the "National Association of Physical Education and Sports Sciences".
Life member of "Sports Psychology Association of India".
Nominated as member in the scientific Committee of the Bulletin of the University in Braşov, Romania, section Art Sport.
Nominated as Chairman of College Sub-Committee (IFA) Indian Football Association (W.B).
Nominated as member of College and University Sub-Committee of (CAB) Cricket Association of Bengal.
Nominated as member of Executive Committee of the West Bengal Basketball Association.
Nominated as Vice-President of the West Bengal Judo Association.

Mahesh Sawata Khetmalis

Member Bengal Amateur Gymnastics Association for Artistic & Aerobic Gymnastics.
National Judge for Artistic & Aerobic Gymnastics.
Life Member Sports Psychology Association of India.
Joint Secretary of National Conference on Sports Psychology.

Kallol Chatterjee

Member of Board of Under Graduate Studies in Physical Education, West Bengal State University, West-Bengal
B.P.Ed Coordinator at Post Graduate Govt Institute for Physical Education, Banipur
Coached Visva-Bharati Volleyball Team which participated in the East Zone Inter University Volleyball Tournament.
Camp Official of P.G.G.I.P.E, Banipur Team, held at Satkahaniya, 2013-14

Sentu Mitra

Head, Department of Physical Education, AKPCM, Bengai.
Chairman part-2 examination in Physical Education, Burdwan University.

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Abhijit Thander

BCCI - NCA accredited level - A Cricket coach

Member PAN Asian Society for Traditional Sports & Games

Purchase committee member, Dean office, Visva-Bharati, Santiniketan

Joint Convenor of Mega Campus Job Fair (Job Mela) Visva-Bharati 2014.

Joint Secretary of National Conference on Sports Psychology.

PALLI SAMGATHANA VIBHAG

Department of Lifelong Learning and Extension (Rural Extension Centre)

Introduction:-

Rural Extension Centre (REC) is one of the oldest departments under Visva-Bharati. It has been actively engaged in improving the condition of the villagers since its inception. Over the years the Centre has been giving emphasis on extension programmes to encourage the villagers to become self-reliant through formation of Village Development Societies, Self-Help Groups, Youth Organizations, Mohila Samities (women's forum). From inception this department has been playing the role of advocacy for the co-operative way of living with integration, local initiatives, local leadership and local self governance in every aspect of public life.

Operational Area of Rural Extension Centre:

Blocks Covered: 2 (Two), 1) Bolpur-Sriniketan 2) Illambazar

Gram Panchayats: 8 (Eight)

Name of the Panchayats: Under Bolpur-Sriniketan Block: 1) Raipur-Supur 2) Konkali 3) Sattore 4) Kosba 5) Sain-Muluk 6) Ruppur 7) Albandha-Sorpalehna

Under Illambazar Block: 8) Illambazar.

Total villages Covered: 50 (Fifty)

Nature of villages in terms of Caste domination:

- a) Number of ST dominated villages: 09 (Nine)
- b) Number of SC dominated villages: 04 (Four)
- c) Number of Minority dominated villages: 06 (Six)
- d) Number of Mixed caste villages: 31 (Thirty one)

Among the manifold and multifaceted activities of REC the following are the most important:-

1) Village Development Societies:

Village Development Societies at a Glance:

Types of Village Development Societies	Number	No. Of Villages covered	Societies under Registration Act
Youth Societies	37	39	37
Mohila Societies	10	10	2
Health Society	1	1	1

These village development societies are the focal point of services of Rural Extension Centre.

Further, the villages were grouped under Cluster approach. The name of the five clusters is Rathindra, Kabiguru, Pratimadevi, Elmhirst, Kalimohon and all these clusters have conducted their meetings on regular intervals for developmental activities.

During this year, financial assistance was given to 21 VDSs for the construction, electrification, repairing of society buildings, purchase of essential materials etc. Village Development Societies are also facilitated with partial financial assistance for conducting cultural programmes, health awareness programmes, sports and other extension programmes in their respective villages by involving local people, resources and institutions. Skill development programme on

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different extension activities are also organised for the Secretaries of Village Development Societies at Ramnagar village where foreign delegates were present.

II. Mohila Samities (Women's Forum):

Mohila Samities at a Glance

No. of Mahila Samities	No of villages covered	No. of registered societies	Members	No. of activities organized
10	10	2	350	5

Women empowerment is the prime attention area of Rural Extension Centre since its early days. The need for formation of Mahila Samities in the villages had been felt long ago since the time of inception of Rural Extension Centre. Addressing the social issues concerning women is the main task of Mahila Samitis. Besides, they are involve in planning and implementation of developmental programmes in villages. Presently, this department has 10 Mahila Samities in the operational areas. In connection with women empowerment, different types of awareness and training programmes have been conducted with active support of the Mohila Samities. Mahila Samities in different villages are used to observe Borsha Mongal, Briksharopon & Rakhi Bandhan programmes in their respective villages.

III. Brati Organisation:

Brati at a Glance

Number of Brati dal			Number of villages covered	Number of members		
Male	Female	Mixed		Male	Female	Total
03	03	09	15	150	150	300

Rural Boys and Girls between 9 and 14 years of age are mobilised into groups and motivated for welfare activities. The objectives of the programme are: -

To develop the sprit of Community Services.

To undertake physical exercise to make a sound body with a sound mind.

To develop an awareness of natural equilibrium & environment education.

To develop leadership qualities through group dynamism.

During last year, the Department had 15 such Brati Groups were organized. For successful implementation of the programme 5-days physical training programme was organized for the Brati leaders. The Brati Dal with active support of the Village Development Societiy(VDS) conducted Shramdan, Drawing, Cultural programme, Craft making, and Leaf Collection etc.

During annual 'Brati O Yubo Utsav' on 7th February, 2014, as many as 332 Brati children's & Brati Leaders and 318 youth representatives from VDSs including the Librarians, Assistant Librarians and the SHG members participated in the ground performance.

IV. Self Help Groups (SHGs):

Self- Help Groups at a Glance

No. of Groups formed under REC till date	Groups (gender wise)			Groups (Caste wise)				
	Male	Female	Mixed	Gen	SC	ST	MUS	Mixed
115	18	89	08	16	34	34	01	30

Organisation and supervision of Self Help Groups(SHG) as a part of Women Empowerment and Community Empowerment Programme is another special programme of the department. The main objectives of the programme are-

To improve the socio-economic condition of the rural people with special emphasis to women.

To develop the spirit of self- reliance and self-sustenance.

To grow the habits of savings among the women community.

To enable women to pool their own resources and use it judiciously.

To develop the spirit of co-operation within the community.

Each group conducted 10 to12 meetings round the year and taken up different income generation programmes like craft making, animal husbandry, small business etc. As a part of social and cultural development, SHGs were taken initiatives to conduct sports, cultural programme, and picnics round the year. This year an awareness programme on "Combat Child Marriage and Women trafficking" was also organised for the SHG members at Kakutia Village. 120 SHGs members participated in the awareness programme. District Women Protection Officer, Birbhum and representatives of District Legal Aids was also present in the programme.

* Continuing campus cleaning activities in Visva-Bharati area:-

This initiative had already taken up by the University for income-generation of the SHG members situated in 4 Tribal hamlets within Visva-Bharati campus. The main aim of this programme is to keep Visva-Bharati Campuses clean involving the SHG members of tribal family in the cleaning activities and earn suitable wages. Tribal SHGs under Santiketan Adibasi Mahadal have been successfully engaging in this activity round the year.

V. Rural Library Services:

Rural Library services are one of the important services of Rural Extension Centre through which literacy movement are carried out in the villages. Apart from literacy activities another objective of this programme is to develop it as an information & cultural center in the respective villages. This programme in rural areas has been carried out through network of 38 rural libraries with an active and financial support from Raja Rammohann Roy Library Foundation (RRRLF), Kolkata. Librarians and Assistant Librarians have been working voluntarily since inception of the programme.

The objectives of the programme are:

To develop the reading habits among the villagers.

To use library as a cultural communication and continuing education centre.

To develop self- reliance and self-confidence.

To provide all updated information regarding modern and advanced science and technology.

Retention of acquired literacy skill for the neo-literates.

Centre for sharing, sustaining and strengthening the knowledge base of the people.

Glimpse of Rural Library Services

No. of Blocks: 02

(i) Bolpur-Sriniketan

(ii) Illambazar

No. of Gram Panchayats: 08

No. of villages covered: 38

No of Village Development Societies: 38

No of Functional Libraries 34 (2 temporarily suspended, 2 show-caused)

Library exclusively for Health purpose: 01 (Surul Health Society)

No. of Children Libraries: 12

No. of Children's Corner : 01

No. of Senior Citizen Corner : 01

No. of Computers : 08

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Status of Books:

Total No. of books in Rural Library : 1, 18,438
No. of books purchased during the year : 3468
Specimen Copies of Books collected during this year : 593

Status of Readers:

No. of enrolled Readers : 2488 (approx)
No. of Books issued and returns : 34119 (approx)

Activities of the Library during this year:

Library day observation : 07 Libraries
Wall Magazine Published by : 07 Libraries
Cultural Programme with : 17 Libraries
Total seminar organised : 12 nos.
Building construction with the financial support from RRRLF
No. of library building constructed : 26

Book Binding:

As per the demand of the Rural Libraries financial assistance was provided to them for binding of damaged and soiled books and as a result 593 numbers of books made ready for the use of readers.

Children's Library:

Presently Rural Extension Centre has twelve children's library situated in 12 villages under its command area. These libraries are equipped with children books, Joyful learning materials, playing materials etc.

Other activities of Rural Library Services:-

1. RRRLF Children's Corner
2. Senior Citizen Corner
3. Computer devices to Rural Library
4. Providing Internet Facilities in Rural Library
5. Publication of SRISTI Magazine
6. Organizing Patha Charcha Kendra
7. Circulation of Karma Khetra/Karma Sansthan to rural libraries.

VI. Health Extension & Sensitization Programme on Health:

Under this programme, four poor patients of villages were given financial assistance for treatment. The department undertook a set of health awareness and sensitization programme with the active participation of the villagers. Health Awareness programme on 'Thalassemia' at Sriniketan was organised by the department in collaboration with the Ongkar Social Welfare Society, Kolkata. Another Health Awareness Programme on 'Let us Conquer Cancer' was also organised by the department in Sriniketan, where specialist doctors from Thakurpukur Cancer Hospital delivered lectures. Doctors from Pearson Memorial Hospital and State Govt, Hospital were also participated in the discussion.

*** Crucial initiative under Health Extension Activities:-**

Under health extension activities the department has opened two village level health check up units. Health Check-up unit was opened at Binuria and Raipur village. Binuria health check-up unit was inaugurated on the occasion of 120th birth anniversary of Leonard Knight Elmhirst and health check-up Unit of Raipur village was inaugurated by respected Vice-Chancellor, Visva-Bharati. Villagers are getting regular free treatment facilities from these two health check-up units. Up to January, 2014 672 patients were treated by these two units.

VII. Agricultural Extension:

This Department generally promotes awareness relating to agriculture and assist the departments in extending agriculture extension work in the villages. As a part to promote horticulture in the villages, fruit plants and 'segun' plants were supplied to all the beneficiaries of clusters on the occasion of Halakarshan Utsav in Sriniketan on August 9, 2013.

VIII. Vocational Training Programme:

Imparting vocational training to the various section of population is one of the priority areas of Rural Extension Centre. This year Rural Extension Centre organised skill development training programme for 188 casual workers of Visva-Bharati. These training programmes are:-1.Basic Computer Training; 2.Electrical Maintenance; 3. Laboratory Attendant; 4.Gardening; 5.AC Repairing; 6.Plumbing & Pump repairing; 7. Hospital Attendant; 8.Library Attendant; 9. Basic Attendant Training Programme. This year, one month training programme on wool netting through machine for 12 rural women was also organised by the department for their income self reliant.

Details of the Skill Development Training Programme

Sl. No.	Name of the Trainings	Duration	Venue	No. of Participants
1.	Inauguration of the Skill Development Training	1 Day	Lipika, Santiniketan	188
2.	Basic Computer Training	10 Days	Computer Section, Santiniketan, REC	32
3.	Training on Electrical Maintenance	10 days	REC	14
4.	Training on Laboratory Attendant	15	Soil Science & Agricultural Chemistry Laboratory, ASEPAN, PSB, Sriniketan	14
5.	Training on Gardening-1	20 days	Horticulture Farm, Palli Siksha, Bhavana	68
	Training on Gardening-2	20 days	Garden Section, Santiniketan	
6.	Training on AC Repairing	20 days	“NITANJALI” Near Kalisair, Kalimandir Sriniketan	17
7.	Training on Plumbing & Pump Repairing	20 days	“NITANJALI” Near Kalisair, Kalimandir Sriniketan	14
8.	Training on Hospital	20 days	P.M. Hospital, Santiniketan	12
9.	Library Attendant Training	15 days	Central Library, Santiniketan	17
10.	Basic Attendant Training	2 days	Lipika, Santiniketan	188
11.	Valediction	1 day	Lipika, Santiniketan	

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IX. Continuing Education Programme:

Under continuing education programme different kind of awareness and sensitisation programmes were conducted as per the need of the community. One day Football Tournament were organised in supur village where selected Village Development Society members participated.

Training / Sensitisation/ Awareness Generation Programme At a Glance:-

Sl. No	Name to the Programme	Place	Total Participant	Collaborative Agencies/ Distinguish Resojurce persons
1.	Combat "Child Marriage & Women Trafficking".	Kankutia	120	District Legal Aid Cell, Women Protection Officer, Birbhum district
2.	"Let Us Conquer Cancer"	Seminar Hall, REC	80	Thakurpukur Cancer Hospital, Pearson Memorial Hospital
3.	Plan of Community College	Seminar Hall, REC	50	IGNOU, TE&T, Govt. of W.B.
4.	Awareness Camp on "Thalasemia"	Seminar Hall, REC	50	Ongikar Social Welfare Society, Santiniketan Charitable Trust

X. Youth Leader Training:

This year department has organized one day capacity development training programme on different extension activities of Visva-Bharati at Ramnagar village of Illambazar Gram Panchayat. The secretaries from Village Development Societies and Mohila Samities participated in this training programme. Different aspects of Rural Reconstruction and various extension activities of different departments (Agriculture, Silpo-Sadana, KVK) of Visva-Bharati were discussed by the resource persons. Director, Studies, Educational Innovation, and Rural Reconstruction Visva Bharati, Sriniketan delivered lectures on this occasion. Few foreign delegates from Germany were also participated in the programme.

XI. Sports & Games:

As a part of promotion of games and sports, the village Development Societies of the command area were facilitated with minimum financial assistance to purchase different sports materials like Football, Volleyball & net etc. A Special drive was also taken to encourage rural youths to promote sports activities in their respective villages. As a measure different sports materials i.e. carom board, football, volleyball, volley ball net, flying disc, skipping rope etc was distributed amongst the 21 village development societies according to their needs.

XII. Folk Cultural Activities:

To revive the traditional folk culture and to encourage the creative potentialities through this traditional asset in the rural areas is the main objective of this programme. Different types of folk cultural programmes were organised by the members of the village development societies. During the year, Rural Extension Centre organised folk cultural programmes with the active participation with the village folk artists. During Sriniketan Magh Mela (2014), Rural Extension Centre took part in the programme called "Loko Sanskritir Ashor" where artists from different villages were participated. As many as 13 Village Development Societies received financial grant for organising different folk recreational items in their villages. Those folk item includes Vadu, Harinum, Yatra, Kirtan are noteworthy.

XIII. Crafts Promotion Programme:

Promotion and revival of traditional crafts is the main objective of this programme. The Rural Extension Centre as a part of Entrepreneurship Development Programme has undertaken the Crafts promotion Programme since 2001. Santiniketan -Sriniketan Craft Society is a registered society under REC which gives the platform to the distressed craftsmen of our

command area villages. Craftsmen are engaged in different crafts such as bamboo work, lacquer based handicrafts, Rural Extension Centre organized number of exhibitions-cum- demonstration of the rural artisanary during important occasions. During Poush Mela 2014, Magh Utsav-2014 demonstration- cum-sell counters had been set up by the craftsmen.

XIV. Special Initiative of REC for Disaster Management:

A devastating fire ruined 10 houses of Daronda village affecting 18 families. Rural Extension Centre with active support of Santiniketan Charitable Trust stood beside those families by providing Books and School Bag for the school going children and Tripal, Satranjee, etc for the families. A short programme was organised for distribution of those material in Daronda village on 14/05/2013. Prof. Sushanta Datta Gupta, Vice-Chancellor, Visva-Bharati and Prof. Sabujkoli Sen, Director, SEI&RR, Sriniketan was present on this occasion.

XV. Activities of Audio-Visual Unit:

The Audio-visual section of this department had taken commendable initiatives to prepare print as well as photographic documents of the activities for future uses. This wing has been conducting the routine work of still & Video-graphic documentation of all the events of department.

The works of Audio-Visual Unit are as follows:

- 1) Day to day up-dating and editing of Photo and Video Archive and presentation of Departmental activity through- Video Film Show, Preparation of Brochures, Publication of Journals and Chronicle.
- 2) Apart from this unit actively engaged with the preparation of Annual Report (2012-2013) of Visva-Bharati and preparation of Staff identity card of all staff members of the University.
- 3) During Pous Mela this unit had prepared an exhibition of the department which was appreciated by all.

XVI. Activities of Music Unit:

The thrust area of Music Unit of REC is to expand and inculcate the practice of Rabindra music in the surrounding village areas. Opportunities are given to the children to participate in various functions and festivals of Sriniketan and Santiniketan. This unit usually takes lead role to organise different functions and festivals of Sriniketan.

Participation of the Music Unit in the weekly Mandir, other functions and festival of the University:

During the year 2013-2014, village students of Music Unit actively participated in the weekly Mandir (Upasana griha), Barsha Mongal and Basanta Utsav (spring festival), Navabarsha. Their participation brought a new dimension to the village extension programmes.

XVII. CELEBRATION OF IMPORTANT EVENTS/DAYS:

- 1) The Library Day was celebrated on 20th December by 15 rural Libraries. Those rural libraries had observed the day through organising awareness programmes, village rally with various posters, charts and cultural programmes. On that occasion the villagers collected books from the villagers. On the occasion, 4 libraries published wall magazines.
- 2) On 8th September the International Literacy Day was celebrated at Binuria village. Sri Supriya Tagore was present on that occasion as the Guest-in-Chief and addressed the audience. On this occasion successful students in Madhyamik Examination & successful students in higher secondary examination from our command area villages were felicitated by the department. All secretaries, librarians, representatives of SHGs, Brati Leaders participated in this programme.
- 3) The Children's Day was celebrated on 14th November Centrally at Fresco, Sriniketan. The Children representatives from different societies performed cultural programmes on this occasion. Smt. Suvra Tagore former Adhapakya, Visva-Bharati was present during the occasion as the Guest-in-Chief. During this occasion a drawing competition was also organised with the participants from the villages.
- 4) The Elmhirst Birth Day was celebrated on 6th June at Binuria village. Representative of various village development society participated on this occasion. On this memorial occasion a health check up unit was started in Binuria village for providing free health check up facilities for the villagers of Binuria and surrounding villages. Director, SEI&RR, Registrar, V.B, Finance Officer, V.B., CMOH, P.M Hospital, was present on this occasion.

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XVIII. LINKAGE DEVELOPMENT:

The Rural Extension Centre, Visva-Bharati has been developing linkages with the following Institutions:

External:-

01. Panchayat & Rural Development Department, Govt. of West Bengal
02. Ministry of Self-Help Groups & Self-Employment, Govt. of West Bengal
03. District Rural Development Cell, Suri, Birbhum.
04. Elmhirst Institute of Community Studies, Santiniketan.
05. Tagore Society for Rural Development, Bolpur.
06. Panchimbanga Gramin Bank, Illambazar, Sriniketan, Raipur Branch
07. Block Development Office, Illambazar, Bolpur- Sriniketan
08. Block Primary Health Centre, Bolpur & Illambazar
09. Ongkar Social Welfare Society
10. District Legal Aid Authority, Birbhum.

Internal:-

- 01 Dept of Social Work (2 students from Social Work department placed for field placement for one year)
- 02 Palli Charcha Kendra
- 03 Silpa Sadan
- 04 Rathindra Krishi Vigyan Kendra
- 05 Palli Siksha Bhavan
- 06 Siksha Satra
- 07 Kala Bhaban
- 08 Siksha-Bhavana
- 09 Patha Bhavana
- 10 Rabindra Bhavana
- 11 Centre for Women Studies.
- 12 Vinaya Bhavana(Deptt. Of Education).

XIX. Seminar / Workshop / Conference/Training:

The technical staff members of REC attended several workshops, Seminar, Conferences and the training programmes. The technical staff members as Resource persons attended several programmes organised by other non-government and government organisations.

Department of Lifelong Learning and Extension (Rural Extension Centre), Palli Samgathana Vibhaga, Sriniketan, Visva-Bharati, 731236

Departmental Seminar (Speakers, Title of the Seminar, Date):

National Workshop on "Community College" on 12th August, 2013

Speakers: . Prof. Sushanta Dattagupta, Vice-Chancellor, Visva-Bharati, Prof. Sabujkoli Sen, Director, SEI& RR, Sriniketan, Prof. C. K. Ghosh, IGNOU, New Delhi, Dr. Santanu Chakraborty, TE& T, Govt. of W.B, Dr. Saibal Mukhopadhyay, TE & T, Govt. of W.B

Only National and International Standard Conference / Seminar / Workshop / Exhibition etc. Attended by Teachers/ Research scholars in details:

Sujit Kumar Paul:

12 August, 2013: National Workshop on Community College, organized by Department of Lifelong Learning and Extension (Rural Extension Centre), PSV, VisvaBharati, Sriniketan, made a presentation on 'Sriniketan Experiment and Community College'.

30 August, 2013: National Seminar on Right to Education (RTE): Challenges and Strategies, organized by National Institute of Rural Development, Hyderabad, India. Made presentation on 'Education of First Generation Learners of Tribal Families: A Study on the Initiatives of the Development Organization in the Tribal Villages of West Bengal'.

5 September 2013: National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order, organized by Vinaya Bhavana, Visva Bharati, made a presentation on 'Women Empowerment Through Continuing Education'.

12 September 2013: National Seminar on Decentralized Governance and Changing Paradox of Development in Rural Areas, organized by Central University of Jharkhand. Made a presentation on 'Rural Development through Decentralized Planning: The Real Scenario in West Bengal'.

21 October 2013: International Seminar on Civil Society Organization and Development, organized by The Association for World Education, Denmark made a presentation on 'Enlightenment and Development - An Overview'.

29 October 2013: International Seminar on Corporate Social Responsibility, organized by The Association for World Education, Vertov, Denmark made a presentation on 'Corporate Social Responsibility: Experiences in India'.

31 October 2013: Delivered an invited lecture on Tagore's Rural Reconstruction Experiment: Present Intervention at Copenhagen University, Denmark.

11 November 2013: UGC sponsored National Seminar on Education and Development organized by Ramakrishna Mission Brahmananda College of Education & Department of Adult, Continuing Education & Extension, Kalayni University, made a presentation on 'Tagore's Sriniketan Experiment: Present Intervention'.

22 November 2013: National Seminar on Environmental Issues: Protection, Conservation & Management, organized by Department of Environmental Studies, VisvaBharati, Santiniketan & Institute of Public Health Engineers, India, made a presentation on 'Climate Change and Changing Scenario of Rural Livelihood Structure: A Case Study from Kullu Block of Himachal Pradesh'.

7 December 2013: National Seminar on Changing Tribal Society in India: Issues and Challenges, organized by The Institute of Social Research and Applied Anthropology, Bidisha, West Midnapur, West Bengal, made a presentation on 'Post Matric Scholarship: Impact on Tribal Education'.

9 December 2013: Attended 5th Indian Youth Science Congress, organized by MS Swaminathan Research Foundation & VisvaBharati, Santiniketan.

13 February 2014: National Seminar on Securing Childhood: Challenges, Opportunities and Strategies, organized by Xavier Institute of Social Service (XISS) Ranchi & UNICEF, made a presentation on 'Thorny Pathway of Girl Child: Peeping through the Reality of Child Marriage among Santal'.

13 February 2014: National Seminar on Securing Childhood: Challenges, Opportunities and Strategies, organized by Xavier Institute of Social Service (XISS) Ranchi & UNICEF, made a presentation on 'Nutritional Status among Tribal (Santal) Children: Challenges and Possibilities'.

26 March 2014: A Two Day Collaborative National Seminar on Santal Culture and their Religious Beliefs, organized by The Department of Philosophy and Religion, Visva-Bharati, Santiniketan & The Anthropological Survey of India, Kolkata. Made a presentation on 'Changing Scenario of Tribal Culture: A Study among the Santals'.

Rafiqul Islam:

12 August 2013: National Workshop on Community College organized by Department of Lifelong Learning and Extension (Rural Extension Centre), PSV, Visva Bharati, Sriniketan. Made a presentation on 'implementation of Community College at Bisva Bharati'.

5 September 2013: National Seminar on The Legacy of Radhakrishnan: Representing India in the New Global Order, organized by Vinaya Bhavana, Visva Bharati, Santiniketan made a presentation and chairing the session.

18-28 November, 2013: Nominated as an expert by the Department of School Education and Literacy, MHRD, Govt. of India for Joint Review Mission (JRM) for MDM programme of West Bengal. Presentation made on implementation of MDM programme of W.B at Kolkata after the extensive field work of three districts namely, Kolata, Murshidabad and South 24 Parganas.

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13-14 March 2013: Presentation made in connection with the West Bengal Mid Day Meal (MDM) Programme for the research study of four district of West Bengal (Birbhum, Bankura, Coochbehar and Howrah) at the Department of School Education, Govt. of West Bengal at Salt Lake, Kolkata.

25-26 March 2014 : Participated in the Plan Appraisal Process and Presentation made on implementation of MDM programs in the Project Approval & Budget (PAB) of West Bengal for the year 2014-15 of the Department of School Education and Literacy, MHRD, Govt. of India at Shastri Bhavan, New-Delhi.

Subhrangsu Santra:

Others

Oct - Nov, 2013: Attended and completed successfully the Refresher Course conducted by Academic Staff College, University of Burdwan.

On going Research Projects in the Department:

Name of the Teacher	Name of the Project	Sponsoring Agencies	Amount	Duration
Dr. Rafiqul Islam	i.) Project Monitoring & Supervision of SSA and MDA Programs for the selected Districts (10) of West Bengl.	Dept. of School Edu. & literary, MHRD, Govt. of India, since 2003	₹ 9.00 Lakhs	2013-15
	ii.) Research study on MDM Programs of four Districts of (Birbhum, Bankura, Coochbehar & Howrah, W.B	Sponsored by Dept. of School Edu, Govt. of W.B	₹ 6.00 Lakhs	2013-14
	iii) Project Monitoring & Supervision of RMSA Programs for the selected Dist. (10) of W.B	Sponsored by Dept. of School Edu. & Literarcy, MHRD Govt. of India	₹ 6.00 Lakhs	2013-15
	iv) Project Monitoring & Supervision of RMSA Programs for the selected Dist. (03) of Andaman & Nicabor Islands.	Sponsored by Dept. of School Edu. & Literarcy, MHRD, Govt. of India	₹ 2.40 Lakhs	2013-15
Dr. Sujit Kr. Paul	i) Strengthening Decentralization in Rural Bengal through Panchayati Raj institution & Self-Help Group: some emerging issues.	UGC	₹ 400,100	2 Yrs.
	ii) Tribal Edu: A study on the impact of post metric scholarship among the santhal in the district of Birbhum & Purulia, W.B	Ministry of Tribal Affairs, Govt. of India	₹ 2,50,000	1 Yrs.
	iii) Empowerment of Tribal Women through Self Help Group : A Study	Ministry of Tribal Affairs, Govt. of India.	₹ 2,50,000	1 Yrs.

Publication within the year April 2013- March 2014

Subhrangsu Santra.

Books:

Pattern of Consumption in Rural Bengal: Continuity and change Germany: Lambert Academic Publishing, Sept. 2013
ISBN: 978-3-659-43188-3

Articles in Journals

'Weaving and livelihood in Shantipur of West Bengal: Past and Present'pp-4014-4017, International Journal of Current Research, Vol. 5, Issue 12, December 2013, S. Santra & P. Dubey(2013), ISSN 0975-833X

'Gender Perspective in Disaster Preparedness a Study in Flood -prone Areas in Rural West Bengal' Social Work Chronicle, Volume 1, Issue 2, June 2013 Publishing India Group, S. Santra, T. Pal & P. Dubey(2013) ISSN 2277-1395.

Sujit Kumar Paul

Chapter in Edited Books:

"Livelihood Development of the Tribals: The Changing Scenario "Livelihood and Health - Issues and Process in Rural Development ed. P. Dash Sharma & Dipankar Chatterjee. Serials, New Delhi, 2013: 12-26. ISBN: 978-81-8387-629-2

"Decentralized Planning: Experience of West Bengal Panchayats" Governance of Commons and Livelihood Security ed. Himadri Sinha&Anant Kumar. Xavier Institute of Social Service, Ranchi, 2013: 239-250. ISBN: 978-81-904110-2-8

"Livelihood Pattern of Tribals: A study on Transition from Traditional to Modernity" Food and Environmental Security - Imperatives of Indigenous Knowledge Systems ed. Debabrata Das Gupta. Agrobios, India, 2013: 60-64. ISBN: 978-81-7754-509-8

Articles in Journals

"Transparency in Governance and Participation of Gram Panchayat members", Journal of Extension and Research, Vol. XVI, No. 1 & 2, January 2014, Gandhigram Rural Institute - Deemed University, 2014:92-98. ISSN - 0972351X

Designing New Course/ Curriculum or any other teaching innovation introduced by the Department:

A new course on Rural Management have been developed.

SILPA-SADANA

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations: None

Departmental Seminar (Speakers, Title of the Seminar, Date): (Workshop)

26th to 30th August 2013: Conducted workshop on Dyeing and Printing, Pottery & Ceramic, Leather Work and Wood-work for five days i.e. from 26th to 30th August 2013 for the trainees from Upendra Maharathi Shilp Anusandhan Sansthan, Patna at Silpa-Sadana.

9th to 14th September, 2013: Conducted workshop on Block Printing, Bamboo & Cane, Pottery and Paper-massy as resource person for five days i.e. from 9th to 14th September, 2013 for the trainees from Upendra Maharathi Shilp Anusandhan Sansthan, Patna at Silpa-Sadana.

National and International standard Conference /Seminar /Workshop / Exhibition etc.

Padmini Balram

A. Papers Rread at Universities and at Conferences

7 October 2013 Research and Beyond, as a part of course to Graduate students of Textiles, Merchandising and Fashion at University of Nebraska-Lincoln.

29 October 29 2013 Textiles for Interiors, at Morgan State University, Baltimore, Maryland, (OLF Fund granted for this upcoming lecture at a minority institute.)

18-19 November, 2013 Indian Chintz to Japanese Wa Sarasa: Impact of Trade Textiles of India on Japanese Textiles, at University of Texas, Austin,

25 November 2013 Developing Surface Design at University of Texas, Austin, USA, 2013.

25 November 2013 Movement of Swastika and Lotus between India, China, Japan and Korea, as a part of the course INDS 3715 Cloth and Culture: A Global Perspective at Woodbury University in Burbank, California.

26 November 2013 Confluence of Culture: Blue World of Asian Indigo at Palo Alto Art Center, Palo Alto, California. Organised by SACHI, Palo Art Gallery and Textile Society of America.

3 December 2013 Indigo and Resist Techniques of India, at California College of Arts (CCA), Oakland, California (This is also a minority college)

6 December 6th 2013 Ajarakh Printing and Kalamkari Paitning, at International Quilt Study Centre and Museum, Lincoln, NE, USA,

6 December 2013 Eco-Friendly Dyes and Textiles of Dr. Padmini Balaram, at University of Nebraska Lincoln, USA.

15-16 November 2013 Natural Dyes: Tradition to Contemporary at 2013 MFAEN meeting, Fiber Department at Kansas City Art Institute, Kansas, USA

15 December 2013 Wanchoo Naga and Their Medals of Bravery at Santa Fe Weaving Gallery, Santa Fe, USA.

February 2014 Spread of Cotton from India to China to Japan at International conference on Archeology by SOASS and Dept. of Archeology, Govt. of Chattisgarh at Raipur,

February 2014 Natural Dyes in Fashion and Textiles, at Sutra an International Conference on Natural Dyes, Kolkata.

5-7 March 2014 A Comparative Study of Asian Indigo and a Few Embellishment Techniques used for Designing, in India, China, Korea and Japan at IWND 2014 International Workshop on Natural Dyes, Acharya N. G. Ranga Agricultural University, Hyderabad.

B. Conferences Attended:

i. May 2013 Fulbright Fellow Conference, Kolkata.

ii. 28 September 28, 2013 Global Education at University of Nebraska-Lincoln, USA

iii. 23-26 October 2013 Fulbright Fellow Conference at Tulsa, USA.

iv. 20-23 November 2013 Fulbright Fellow Conference at New Orleans, USA.

C. Solo Exhibitions Held:

- i. 11-15 November 2013 Eco-Friendly Textile Paintings and Wall-Hangings, Rotunda Gallery, Union, University of Nebraska-Lincoln, USA.
- ii. 26 November 2013 Innovative natural Dyed Textiles at Palo Alto, USA.

D. Workshop Conducted:

- i. Surface Design workshop at University of Texas, Austin, USA, 2013.

Raj Kumar Konar

Judge, Guest of Honor and Invited speaker: Appointed as a Judge for ' Sit & Draw Art competition for the school children of Birbhum district, West Bengal' and also gave a talk on "Importance of Creativity and Art in school education system" as Guest of Honour in the concluding ceremony for the 10-day of "Nabanna - Folk Art & Craft fair organized by Suresh Amiya Memorial Trust, Kolkata) held at Geetanjali Cultural Complex, Bolepur held in the month of January, 2014.

27-28 November 2013 Completely Visualized, Designed and Executed an Exhibition on " Creative Works of Rathindrath Tagore as a Designer" on the occasion of "Cellebration of 125th Birth Anniversery of Rathindranath Tagore & 25th. Rathindra Silpa Mela" at Silpa-Sadana.

Planned and Designed a two storied institutional buildings for Siksha-Satra, Sriniketan , Visva-Bharati.

Shantanu Kumar Jena

2-7 Oct 2013 Invited as a resource person for "Privartan" a workshop for prompt art craft and culture among Village school children of Bihar, Maharastra & Panjab state at Narandrapur, District Siwan, Bihar.

23- 26 September 2013 Invited as resource person to speak on Design & Design Process Packing Trends, for Dariyapur Dokara casting Cluster, organized by NID MSME Cell, Kolkata and Santiniketan Society Youth Empowerment, Dariapur Guskara, Bardwan

15 July - 18 August 2013 Invited as an ceramic artist for a residency (Workshop) at participated in 'Nomadic Garden 'Gimhae , Korea.

17 August - 1 September 2013 Participated an exhibition of invited residency Indian ceramic artist in 'Nomadic Garden 'Gimhae , Korea.

26 December 2013 - 4 January 2014 Invited as a Visiting Faculty for conducting a class for Glass & Ceramic student of National Institute of Design, Ahmadabad.

2 and 13 Feb 2014 Invited as a guest speaker and expert for DESIGN CLINIC WORKSHOP, for pottery cluster in Nawada , Bihar , under MSME and NID design clinic scheme.

29 March 2014 Work exhibited in the exhibition of a is collections of Regional Centre Chennai is organizing for a period of 2 weeks.

Arun Kumar Sharma

Invitation as Expert Workshop on Ceramic (Terracotta cum Ceramic) College of Fine arts Karnataka Chitrakala Parishath, Bangalore

Sankar Ray Maulik

18 - 20 August, 2013 Paper entitled "Eco-friendly printing with vegetable colour" was presented in the International Conference on 'Environment and its impact on society' organized by J D Birla Institute, Kolkata.

Paper entitled "Eco-green batik with Indigo" was presented in the International Conference on 'Environment and its impact on society' organized by J D Birla Institute, Kolkata.

11-12 April, 2014 Paper entitled "Natural and eco-friendly apparel made from handloom fabrics" was presented in International Conference "Emerging Trends in Traditional and Technical Textiles" organized by Department of Textile Technology, Dr. B R Ambedkar National Institute of Technology, Jalandhar.

12 August, 2013 Paper was presented in the National workshop on "Community College" organized by Department of

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Lifelong Learning and Extension (Rural Extension Centre), Palli Samgathana Vibhaga, Visva-Bharati, Sriniketan.

18 September, 2013 Paper entitled "Bleaching and Optical Brightening" was presented in Value Added Integrated Workshop on Design, Technology, Market Development & Export Promotion organized by WBKVIB in the Synergy MSME Business Conclave, 2013 at Milan Mela, Kolkata

18 September, 2013 Paper entitled "Textile Printing" was presented in Value Added Integrated Workshop on Design, Technology, Market Development & Export Promotion organized by WBKVIB in the Synergy MSME Business Conclave, 2013 at Milan Mela, Kolkata.

29 March, 2014 Paper entitled "Eco-friendly garment" was presented in the Technological conference on 'recent developments in textiles' organized by Textile Association India (West Bengal Unit), Kolkata.

Prabir Kumar Choudhuri

21 September, 2013 Delivered invited lecture on 'Scope of Design Development in Khadi Fabrics Exploiting Yarn Character' in the Synergy MSME Business Conclave, 2013 at Milan Mela, Kolkata organized by WBKVIB.

Dec. 2013 Paper entitled 'Studies on thermal behaviour of cotton and eri/acrylic blended fabrics using Box and Behnken Design of Experiment: A guidance to engineer winter clothing' presented in the 3rd International Science Congress organised by International Science Congress Association in.

21-22 Dec. 2013 Paper entitled 'Comparative studies on thermal behaviour of fabrics made of eri silk, acrylic & woollen yarn and assessment of suitability of eri for warm clothing using AHP - TOPSIS technique' presented in the National Conference on "Emerging Trends in Textile, Fibre & Apparel Engineering 2013" organised by the Dept. of Textile Technology, Government College of Engineering & Textile Technology, Berhampore, West Bengal under sponsorship of TEQIP II. The Full paper published in the Book of Proceedings, ISBN: 978-1-63068-205-7

Arabinda Mondal

"Characterization of fly ash generated from Bakreswar Thermal Power Plant" in an international Seminar organized by West Bengal Pollution Control Board and Government College of Engineering & Ceramic Technology, Kolkata in 2013.

Ashis Mitra

8 - 9 December 2013 Presented a paper titled "Artificial neural network models for the prediction of air permeability of handloom fabrics" in the 3rd international Science Congress (ISC-2013) at Karunya University, Coimbatore, Tamil Nadu, India.

Ashish Ghosh

Selected for "EARTH ART PROJECT" 2014. Ladakh, Jammu and Kashmir organized by wall art project, Japan. 2014 Participated international sculpture installation project Cardito, Napoli, Italy 2014

Designed Indoor light and art affect for "spa- villa" a star resort Raichock. West Bengal .sep 2013 April 2014

Interior design consultant for guest house "Rajorse" Santiniketan and many other private and corporate. (collaboration with Silpa Sadana student) 2013-2014

Install Relief bronze outdoor sculpture at Lal Dighi, in front of Writers Building Kolkata. Sept 2013

Attended national level workshop at Rajgir (Bihar) Feb 2014

Outdoor sculpture design for Holdia City- Center. West Bengal. 2014

Organize Outdoor installation on theme of "unethical medical" advertisement at "Udita" Kolkata. (Collaboration with Silpa Sadana student) April 2014

Outdoor Sculpture Designer for CITY Center Raipur. 2013-2014

Design furniture for "wax museum Rajarhat" Kolkata.

Manoj Kumar Prajapati

4 - 10 July 2013 Participate in Group exhibition "Reflection" Academy of Fine Arts, Kolkata

19 - 21 January 2014 Paper Presentation on national Seminar on Saila Chitra of Monasaiya at Chatterpur, MP

Deb Kumar Das

19 -21 January 2014 Paper Presentation on national Seminar on Saila Chitra of Monasaiya at Chatterpur, MP

Sumitabha Pal

19 - 21 January 2014 Paper Presentation on national Seminar on Saila Chitra of Monasaiya at Chatterpur, MP

Mrinal Kanti Sarkar

22-23 December 2013 Participated, Read the paper and published with (CRAFT IS A SILENT LANGUAGE OF LIFE) in NATIONAL COFERNCCE ON EMERGING TRENDS IN TEXTILE, FIBRE AND APPAREL ENGINEERING organized by department of Textile Technology government college of engineering and Textile Technology Berhampore West Bengal.

18-20 August 2013 Participated, Read the paper and published with (Value addition of traditional Handloom cotton fabric) in International Conference on Environment and its impact on society organised by J D Birla Girls college Kolkata,

18 September 2013 Participated as a speaker at MSME Business conclave Speech on Design Development on KHADI FABRIC, Kolkata.

9 July 2013 Invited as a guest expert, lecture on Tradition Diversity and Future of Serampore silk screen printing .Cluster from NIFT Kolkata.

27-30 September 2013 Exhibition Design concept at ICCR Kolkata on LATA MA NGESKAR WORK Collection by Snehasish Chetterje.

Participated as a judge of MALDA DURGAPUJA PARIKRAMA Organised by Malda welfare society

Invited as a participant in ENVISIONING 2025 OF NIFT to share my views on this at Kolkata NIFT.

22-23 December 2013 Participated in national level TEXTITLE EXHIBITION at Beherampore Textile Collge.

I was appointed as a DESIGEN ADVISOR of SPASH NGO under the SIURI ENGINEERING COLLEGE at Suri of their annual programme of sparsh.

Ongoing Research Project in the Departments :

Arabinda Mondal

Effect of fly ash on the development of ZrO₂-Cordierite composites. Sponsoring by Department of Science & Technology for 3 years,

Sankar Ray Maulik

Implementing UGC Research Project entitled "Value addition of handloom cotton fabric through natural colour dyeing" (F. No. 41-1307/2012 (SR) dated 30th July, 2012) since 1st July, 2012 as Principal Investigator.

Extension Activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department

Plant visit arranged by Textile & Clothing, Ceramic & Glass, and Furniture & Interior

Five of B. Des. Students submitted Craft Documentation on Odisha's Craft sponsor by SIDAC, Bhubaneswar Odisha.

Village handloom weavers are producing handloom fabrics with the dyed, bleached and grey yarn supplied by Silpa-Sadana against weaving charges. The design and specification are also provided to them by the Department. The final products are sold through the Sales Emporium of the Department.

Similarly, rural craftsmen in the field of carpentry, pottery, artistic leather crafts, handmade paper making, batik etc are also provided with employment through manufacturing respective craft items either by providing raw materials or by directly purchasing the finished items as per supplied design.

Academic distinctions gained by Teachers/Scholars or the Department as a whole

Padmini Balaram

A. 19 August - 18 December 2013 Awarded Fulbright-Nehru Visiting Lecturer Fellowship to teach Colours and Natural

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Dyes of India: Their use in Textiles and Surface Design at University of Nebraska Lincoln in USA, Fall 2013. (August to December 2013)

During this period taught Natural dyes and their use in Surface Design course to 2 batches of students at UNL from August to December 2013. This included about 8 power point lectures, teaching development of form from nature, creating designs manually as well as using computer, dyeing using natural dyes such as Osage orange, Brazil wood, Cutch, etc. Creating patterns using various resist methods such as tie-dye, clamp dyeing, shibori etc. and making prototypes of tie-dyed textiles for a professional job of the university as well as for the sale for their function.

Other Activities carried out at UNL:

1. Judge at 2013 Nebraska State Fair 4-H, at Grand Island, Nebraska on Aug. 24th 2013
2. Participated in teaching Color course to Freshman at UNL
3. Discussion about a collaborative project at UNL Quilt Museum
4. Preparing Institutional Exchange proposal with UNL
- B. September-December 2013 Awarded Fellowship for Global Educational Partnership, USA
- C. October 2013 Recipient of Fulbright Occasional Lecturer Fund Award for delivering lecture at Morgan State University, USA.

Prabir Kumar Choudhuri

Received International Best Oral Presentation Award in the 3 rd. International Science Congress organised by the International Science Congress Association for the paper entitled 'Studies on thermal behaviour of cotton and eri/ acrylic blended fabrics using Box and Behnken Design of Experiment: A guidance to engineer winter clothing'.

Ashis Mitra

25 November 2013 Awarded Doctoral (PhD) degree in Engineering from Jadavpur University, Kolkata .

7. Sponsorship for Craft Documentation awarded to Students by Odhisa Government

Silpa-Sadana five students of 7th semester B. Des. were sponsored by State Institute for Development of Arts & Crafts (SIDAC) Bhubaneswar, Odisha for their craft documentation in five following craft clusters , it was submitted and well appreciated. Their names and topics they documented are as followed:

1. Choudhury Rabiaul Alum: Palm Leaf Engraving (Engraving, Painting & Basketing)
2. Srikant Ghosh: Golden Grass
3. Tanmoy Nandi: Silver Filigree
4. Sachana Samanta: Applique of Pipli
5. Aim Mondal: Stone Carving

Participation in Courses by Teachers

Arabinda Mondal

29 August - 4 September, 2013 Participated in the UGC sponsored Short-term Course on "Computational Tools & Open Source Sofeware" organized by Academic Staff College, Burdwan University.

Sankar Ray Maulik

3 - 22 March, 2014 Participated and successfully completed the UGC sponsored refresher Course in "Environmental Studies" at Academic Staff College, University of Calcutta.

Prabir Kumar Choudhuri

29 Aug - 4 Sept 2013 Short term course on 'Computational Tools & Open Source Software'. UGC-Academic Staff College, University of Burdwan.

Publications within the April' 2013 to March' 2014**Padmini Balaram**

Article entitled 'A Comparative Study of Asian Indigo and a Few Embellishment Techniques used for Designing, in India, China, Korea and Japan' in the publication of International Workshop on Natural Dyes entitled 'A Value Chain in Natural Dyes', B S Publications, Hyderabad, March, 2014. Page 63-68, ISN: 978-93-83635-00-9

Raj Kumar Konar

Article entitled "Santiniketani Silpabodh O Silpi-Designer Rathindranath" (Page no 47-54) in the book entitled "Rathindranath Tagore The Unsug Hero" Edited by Tapati Mukhopadhyay & Amrit Sen; published in June 2013 by Santiniketan Press, Visva-Bharati.

Arabinda Mondal

A Mondal & A Chowdhuri, "Utilization Potential of Indian Fly ash - A Review" Indoceram of AIPMA, 2013, Vol. 1, No. 3, pp 59-67

A Mondal " Studies on the Zirconia-Mullite composite derived from dehydroxylated kaolinite" Indoceram of AIPMA, 2013, Vol. 2, No. 2, pp 39-41

Sankar Ray Maulik

Dyeing of jute with colouring matter obtained from mahogany leaves, Asian Dyer, 10 (4), 2013, pp 45 - 47.

Natural and eco-friendly apparel made from handloom fabrics, International Conference "Emerging Trends in Traditional and Technical Textiles" Department of Textile Technology, Dr. B R Ambedkar National Institute of Technology, Jalandhar, 11-12 April, 2014, pp 368=372, ISBN: 978-93-5156-700-4.

18 - 20 August, 2013 Eco-friendly printing with vegetable colour, Book of Papers and Conference Proceedings ISBN No. 978-93-5216-892-5 "International Conference on Environment and its impact on society, J D Birla Institute, Kolkata, pp 114 - 119. Eco-green batik with Indigo, Book of Papers and Conference Proceedings ISBN No. 978-93-5216-892-5 "International Conference on Environment and its impact on society, J D Birla Institute, Kolkata, pp 110-113. Value addition of traditional handloom cotton fabric, Book of Papers and Conference Proceedings ISBN No. 978-93-5216-892-5 "International Conference on Environment and its impact on society, J D Birla Institute, Kolkata, pp 173-176.

21 - 22 December, 2013 Printing of silk fabric with natural dye, 2nd National Conference on Emerging Trends in Textile, Fibre and Apparel Engineering, Organised by Department of Textile Technology, Government College of Engineering and Textile Technology, Berhampore, West Bengal, pp171-174, Proceedings ISBN 978 - 1- 63068-205-7.

Prabir Kumar Choudhuri

Choudhuri. P.K , Majumdar P.K & Sarkar B, "Studies on Tensile Properties of Eri Silk/Polyester Blended Yarn Using Design of Experiment Methodology", Journal of The Institution of Engineers (India): Series E: Springer Publication, Volume 94, Issue 1 (2013), Page 37-46

Choudhuri. P.K, "Application of multi Criteria Decision Making (MCDM) Technique for the Selection of Vegetable dyes", Journal of the Textile Association, Volume 74, No. 5 (2014), Page 288-292 ISSN 0368-4636

11-12 April 2014 Choudhuri. P.K , "Assessment of suitability of eri silk over woollen yarn for making warm clothing using hybrid AHP - TOPSIS model of Multi Criteria Decision Making (MCDM) technique", Full paper published in the Book of Proceedings of the International Conference on Emerging Trends in Traditional and Technical Textiles, at NIT Jalandhar.

7-9 Feb. 2014 Choudhuri. P.K, "Sports textiles: A brief understanding", published in the book of abstract of the 24th Pan Asian Conference on Sports and Physical Education with special emphasis on Traditional Sports and Games (UNESCO recognized intangible world heritage) organised by Dept. of Physical Education and Visva-Bharati Sports Board and Pan-Asian Society of Sports & Physical education.

Ashis Mitra

Mitra A., 'Geotextiles and its application in coastal protection and off-shore engineering', Journal of the Textile Asso-

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ciation, ISSN 0368-4636, May-June, 5-11, (2013).

Mitra A. 'Selection of handloom fabrics for summer clothing by AHP method of Multi-Criteria Decision Making (MCDM) Techniques', International Journal of Management, IT and Engineering (IJMIE), ISSN 2249-0558, August, Vol 3, Issue 8, 265-277, (2013).

Mitra A., Majumdar A., Majumdar P.K., Bannerjee D., 'Predicting thermal resistance of cotton fabrics by artificial neural network model', Experimental Thermal and Fluid Science, ISSN: 0894-1777, Vol. 50, October, 172-177 (2013).

De S., Mitra A., 'A study of some mechanical properties of eri fabric and comparative study with wool fabric', Man Made Textiles in India, May 2013, Vol. 41, Issue 5, 162-166, ISSN: 0377-7537.

Mitra A., Majumdar P.K., Bannerjee D., 'Predicting Air Permeability of Handloom Fabrics: A Comparative Analysis of Regression and Artificial Neural Network Models, Journal of The Institution of Engineers (India): Series E, ISSN 2250-2483, Vol. 94, Number 1, DOI 10.1007/s40034-013-0018-5, 29-36, March-August 2013.

Designing new course/curriculum or any other teaching innovations introduced by the Department :

Silpa-Sadana had started a new Degree level course in design (B.Des) and need based short term Promramme in Indian Craft Techniques to train the artisan and craftsman to carryout production activities in rural environment will also start in the coming session.

A brief history on the development of the Bhavana/Vibhaga concerned with an Indication of the future plans for development:

Silpa-Sadana, a department under Palli Samgathana Vibhaga at Sriniketan is well acquainted for its Technical & Vocational training imparted in Cottage Industries & Craft since its inception in 1922. It also has a long tradition in enriching taste of the people through its artistic and innovative craft products. It had once taken leadership role in revitalizing the decadent rural industries and craft sector of India. Its present activities are:

Training Activities:

In the Training Section, systemic training in different trades or disciplines is being imparted to about 173 regular students out of which 131 students are studying at degree level, and 42 at Certificate level. Silpa-Sadana offers 8-semester Degree course in Design, i) Textile & Clothing Design , ii) Furniture & Interior Design, and iii) Ceramic & Glass Design ; and 2-year Certificate Courses in i) Hand Made Paper Making, ii) Book Binding & packaging, iii) Hand Batik and iv) Artistic Leather Work v) Wood Work vi) Pottery vii) Handloom Weaving. It also conducts Vocational classes for the students of B.S.W. (Hons.), 1st Year, short term craft course for the outsiders and for the students of Uttar Siksha Sadana, Visva-Bharati.

Production, Extension and Marketing:

This wing has been carrying out production of artistic craft articles in the above-mentioned trades with the help of teaching & technical staff of the department, village artisan, daily rated casual workers and students of training units of Silpa-Sadana. The products made are sold through its Sales Emporium at Sriniketan.

The departmental Workshops / Studios /Laboratories have been developed and upgraded by incorporating new equipments / tools / machineries purchased out of XIth plan equipment grant.

Future Plan:

Students of the degree programme (B.Des) will create the necessary design and innovative products and will make prototypes. This will take forward to the production either through artisan, craftsman and /or the students of certificate and casual courses. Thus the whole class room teaching will transform in to final product development and ultimately uplift the socio economic conditions of the surroundings, which was the motto of Silpa-Sadana.

Any other relevant information, which in the opinion of head of the Department is Worth reporting should be included. Few students of IIT, Mumbai and NID Ahmadabad are coming to Silpa-Sadana for their industrial training in the area of handmade paper making, ceramics, leather, design.

DEPARTMENT OF SOCIAL WORK

Name of the students qualified in UGC/NET/CSIR/SLET/GATE : NET-2, JRF-2

Departmental Seminar/Workshop/Camp : Organized a programme for data collection and seminar-cum-discussion session on Students' Mental Health in collaboration with Dept. of Applied Psychology, University of Calcutta on 13-14 Feb 2014.

Only National and International standard Conferences attended /organized by the faculty:

Ongoing Research Projects/Project(s):

The Global Fund to Fight Against AIDS, Tuberculosis and Malaria (GFATM) (on Counselling Sub-Component):

Under this project the Department has organized training programme for Master Trainers and training programme for ICTC counsellors and STI Counsellors. The major trainings conducted were supportive supervisors refresher training, ICTC refresher training, Anwasha Clinic Counselors Training. Supportive supervision programme of ICTC counselors have also been started. Department has also acquired infrastructure of 15 lakhs under this project for enhancing its capacity of teaching learning and training.

Extension activities organized by the department:

The distinguishing feature of the field activities of the Department is that the students and supervisor(s) were actively involved in different activities mentioned as below:

Organized Rallies and camps: The Department organized 20 rallies (10 Awareness camp, 11 Rallies) in its field work villages in and around Sriniketan on social issues. It also organized two workshops at Department on the development of fieldwork practicum with community leaders and Panchayat members. The students, faculty and academic support staff were engaged in organizing the programme.

Medical Social Work: Medical Social Work programme is going on at S. D. Hospital, Sian, Santiniketan and PHC, Bolpur. The programme got added impetus because hospital authorities have taken active interest. They are also providing learning opportunities to the students and also helping them to undertake health awareness camp within the purview of the hospitals, undertaking filaria check-up camp, blood donation camp etc.

School Social Work: The Department extended its field placement programme to different schools in Bolpur, Sriniketan and Santiniketan, such as, Vivekananda School, Bergram High School, Kendra Dangal Madrasa, Rajatpur High School, Paruldanga Boys and Paruldanga Girls High School, Tara Sankar Vidya Pith in Bolpur, etc. The principals/managing committees of these schools were highly appreciating the programme and services given by the students of the Departments, especially in the context of maintaining discipline in schools, arranging parent-teacher meetings, helping individual students, forming study groups, awareness building on social issues, etc.

Rural Camp: The Department organized a seven days rural camp at Chotosimulia, in Bolpur subdivision. We are happy to acknowledge that we have received good support in getting premises of Tagore Society of Rural Development for arranging accommodation for the students of BSW (Hons) Semester II. The students have received good exposure and gained experience of rural life and their problems.

NGO Field Work: The students were placed in nearby two NGOs Tagore Society of Rural Development and Elmhirst institute of Community Studies. The students also got placement in Rural Extension centre visva bharti.

Legal Awareness Camp: The students of the Department were also engaged in organizing legal awareness camp in the department of Social Work and also in field work villages like Pearson Pally Village by taking assistance from Bolpur Court. The students got good exposure on the legal issues from these awareness camp

Other relevant information about the teachers/Scholars of the Department as a whole.

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Publications within the year April 2013--March 2014.

Kumkum Bhattacharya:

Publications:

Book

Rabindranath Tagore: Adventure of Ideas and Innovative Practices in Education Springer December 2013.

Article in book:

2013 "Understanding and negotiating issues of ethics in the application of knowledge", in Konrad Meisig (ed.) Techno-Ethics: Humanities and Technology, Papers of an International and Interdisciplinary Symposium in Mainz and Hanoi, an Asian Impact Activity in Memoriam of Momoyo Okura, Germany, Harrassowitz Verlag. Pp. 61-69.

2013 "Encroachment: Food (in)Security and the Jarawas" jointly with Ranjit Kumar Bhattacharya in Debabrata Das Gupta (ed.) Food and Environmental Security: Imperatives of indigenous knowledge systems, Jodhpur, Agrobios (India); pp. 99-103.

Prasanta Kr. Ghosh

22 - 23 Feb, 2014 Delivered the inaugural speech at National Convention of Schools of Social Work at Kasargod, Kerala, Hosted by Central University of Kerala.

M.M.Mukherjee

National and International Conference:

20-22 January 2014 Judge of award paper at XXXII Annual National Conference of Indian Society of Professional Social Work held at Karnataka State Women's University, Bijapur.

Chair a session of panel discussion on "condition of SC/ST Women in India" at Karnataka State Women's University, Bijapur.

8-12 November 2013 Deliver a speech a Mental Health on Changing Social Milieu: Perspective of Social Sciences at XX Annual Conference on Indian Association of Social Psychiatry at Kolkata.

Chair a session at the workshop of First steps of Rehabilitation of Mentally ill person at the XX Annual Conference on Indian Association of Social Psychiatry at Kolkata

16 September 2013 Deliver a lecture on the eve of workers Education Day. Celebration at Asansol.

8 January 2014 Presented a paper on "Forgiveness and Peace" at the International Conference on "Bonds of Ethics in a Globalized World" at Christ University, Bangalore.

27 December 2013 Participated at the Panel Discussion on "Recent Trends in Science and Technology Education and Research at College of Engineering and Management, Kolaghat, Purva Medinipur, West Bengal.

Prof Asok Kumar Sarkar

Paper Presented in the National Seminar/Conference/Workshop

4 January, 2014 Presented paper entitled "Challenges Faced by Children of Migrated Parents and Right to Education: A Case Study" in the national conference on "Right to Education: Issues and Challenges" organized by the Department of Education, Osmania University, Hyderabad.

22 March, 2014 Presented paper entitled "Right to Health in Development Parance: An Emerging Demand in India" in the "Workshop on Human Rights Issues" jointly organized by Durgapur Law College, Durgapur, West Bengal and National Human Rights Commission, New Delhi.

Paper Published

'Challenges Faced by Children of Migrated Parents and Right to Education: A Case Study' (co-author), Right to Education: Issues and Challenges, Pragma Publications: Hyderabad, 2014.

'Right to Health in Development Parance: An Emerging Demand', South Asia Politics, Vol-13, No-1, 2014.

Debotosh Sinha:**Publication**

D.Sinha-Rabindranather Sriniketan Samaj Karmar ek Abhinava sanga

Arthaniti, Samajniti: Rabindra chinter Abhimuk (Edited by Sevan Jana) Dey publication, 2014, Kolkata

Chapter on "Disaster and Disaster Aid-Conceptual paradigm and implications for social work intervention with special reference to Indian Scenario" in Governance, Development and Social work edited by Subhabrata Dutta and C. Ramanathan, 2013, Rutledge, new York, U.S.A

Chapter on Social Work Practice with Street Children-An Insight" in some Empirical Aspects of Economic Growth and Diversification in India's Emerging Economy edited by Pranab Kumar Chattopadhyay; 2014, New Delhi Publishers, New Delhi

Paper Presented in the National Seminar/Conference/Workshop

5-10 August, 2013 Paper presented entitled " People-Centered Advocacy in Indian Context: A tool for community Participation with special reference to Food and Environment Security" as part of the 17th World Congress of the International Union of Anthropological and Ethnological Sciences (IUAES) on the overall theme Evolving Humanity and Emerging World held at Manchester University, United Kingdom.

Paramita Roy**Publication:**

2014, "Evaluating Self-help Groups: A village level analysis", International Journal of Social Science, Vol 3(1), March, pp:49-62. ISSN 2249-6637.

2013, "Neoliberalism, Liberalism and Development Practice: a theoretical exploration in the context of the changing role of the state", Journal of Humanities and Social Sciences (on-line), April, Vol I(IV), pp 239-246, ISSN 2278-5264.

7-8 June 2013 "Inclusive Health for the poor: A study of Rashtriya Swasthya Bima Yojana", Paper presented in a National Seminar organised by St. Edmund'S College, Shillong on Inclusive Development : Bridging the Gap, (co-authored with Nalini Lama).

2013-14 (in press) 'Case studies of Community Health Insurance Schemes (CHIs) in India: Can they be partners in providing financial health risk protection to the poor?', Journal of Social Work and Social Development (Golden Jubilee Issue), ISSN 2229-6468.

2013, 'Community Based Health Insurance Schemes And Social Work Implications For Health Insurance for the poor', Indian Streams Research Journal, Vol 3(7), August, pp 1-5, ISSN 2230-7850.

Ram Prasad Das**Publications**

Das, R. (2014): "Evaluating Self-help Groups: A Village Level Analysis", International Journal of Social Science, Vol. 3, No. 1, P. 59-72, March 2014. New Delhi Publishers, ISBN: 2249-6637; (Co-authored with Mrs. Paramita Roy)

Das, R. (2014): Identity and rights of Scheduled Tribe and Other Forest Dwellers", International Journal-BITM Transaction on EECC, Vol. 3, No. 1 (January-June issue), pp: 39-46; ISSN: 0974-9527

International/ National Seminar, Conference Attended:

12-13 March 2014 Participated in the Two day International conference on : Tribes In Transaction: Conflict Over Identity, Resources And development" organised by the department of English, Jamia Millia Islamia, New Delhi, in collaboration with the Ghosaldanga-Bishnubati Adibasi Trust, Santiniketan; funded by ICSSR, New Delhi.

22-23 March 2014 Participated in the two day National Conference on "Recent Advances in Mathematics, Engineering & management" and presented a paper on "Scheduled tribe and other Traditional forest dwellers: In Search of Their Identity rights sponsored by AICTE-IIPC, BITM Santiniketan.

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Sukumar Pal

Paper Presented in the National Seminar/Conference/Workshop

12-13 March 2014 Attended a Two-Day International Conference on " Tribes in Transition: Conflict over Identity, Resources and Development" held at Visva-Bharati, West-Bengal organized by Department of Jamia Millia Islamia, New Delhi in collaboration with Ghosaldanga Bishnubati Adibasi Trust, Santiniketan.

22-23 March 2014 Participated and presented a paper on " Scheduled Tribes and Other Traditional Forest Dwellers: In search of their Identity and Rights" in a Two Day National Conference on RAMEM 2014 organized Bengal Institute of Technology and Management, Santiniketan under sponsorship of AICTE-IIPC.

4-31 Jan 2014 Participated in a UGC sponsored Refresher Course in University of Burdwan, Burdwan..

Publications :

Scheduled Tribe and Other Traditional Forest Dwellers: In search of their Identity,, International Journal-BITM Transcation on EECC (IJBTECC), Vol 3, No 1, PP 39-46. ISSN: 0974-9527

Anupam Hazra:

Book published:

Hazra, A. (2013). India's Social Sector and Millennium Development Goals: Issues, Challenges and Policy Measures [ISBN: 978-81-316-0579-0] Jaipur: Rawat Publications, 2013.

Hazra, A. (2013). Rural India and The Emerging Developmental Challenges [ISBN: 81-8324-466-1] New Delhi: Mittal Publications, 2013.

Hazra, A. (2013). Sustaining Development in North East India: Emerging Issues, Challenges and Policy Measures [ISBN: 978-93-5125-024-1] New Delhi: Concept Publishing Compan, 2013.

Chapter in Book:

Hazra, A. "Promoting Rural Sanitation in Assam: Issues and Policy Measures". In A. Hazra (Eds.), Unpublished. New Delhi: Concept Publishing Company (P) Ltd, 2013.

Paper Presented in the National Seminar/Conference/Workshop

27 April 2013 Presented paper titled "Experiencing Darkness in Shining India: The Story of Rural Poor" in 2 day UGC sponsored National Level Seminar on "Rural Development in India: Issues, Progress and Program Effectiveness", organized by Department of Commerce, Rajiv Gandhi University; Arunachal Pradesh.

25 April 2013 Presented paper titled "State of Sanitation in Rural Assam: Issues and Concerns" in 2 day UGC sponsored National Level Seminar on "Health and Development in Rural North-East India", organized by Dept. of Political Science, Govt. J. Banua College, Mizoram.

20 April 2013 Presented paper titled "Social Sector Development from MDG-Lens: The Issue of Sustainability Still Causes Concern" in A.I.C.T.E sponsored National Level Seminar on "Innovative Management Practices for Sustainable Development", organized by Dept. of Management Studies, INFO Institute of Engineering, Coimbatore.

Publication in National and International Journals:

Hazra, A. (2013). Rural Sanitation and the Need to Encourage Women's Participation. Kurukshetra. Vol. 61 (3). pp. 8. [ISSN: 0021-5660]

Hazra, A. (2013). Linking Rural Resources with Development Planning. Kurukshetra. Vol. 61 (5). pp. 46. [ISSN: 0021-5660]

Hazra, A. (2013). A Prudent Budget with Promises of Sustainable Growth for Rural India. Kurukshetra. Vol. 61 (6). pp. 30. [ISSN: 0021-5660]

Hazra, A. (2013). Empowering Rural Voices of India. Kurukshetra. Vol. 61 (7). pp. 3. [ISSN: 0021-5660]

Hazra, A. (2013). Efforts towards Empowering Women in Rural India. South Asia Politics. Vol. 12 (1) pp.33 [RNI:DELENG/2002/6815]

Hazra, A. (2013). Agriculture and Rural India's Millennium Commitments. Kurukshetra. Vol. 61 (8). pp. 7 [ISSN: 0021-5660]

- Hazra, A. and Biswas, S. (2013). Empowering Gram Sabha: Issues, Challenges and Way Forward. South Asia Politics. Vol. 12 (2) pp.41 [RNI:DELENG/2002/6815]
- Hazra, A. (2013). SHGs: Adding New Dimensions to Sustainable Rural Growth. Kurukshetra. Vol. 61 (9). pp. 3 [ISSN: 0021-5660]
- Hazra, A. (2013). Where Do Women Stand in Rural India? Kurukshetra. Vol. 61 (10). pp. 3 [ISSN: 0021-5660]
- Hazra, A. (2013). Enhancing Quality of Life across Rural India: The Current Dynamics and the Contemporary Dilemmas and Kurukshetra. Vol. 61 (11). pp. 3 [ISSN: 0021-5660]
- "Outlining Ethics".
- Hazra, A. (2014). The Saga of Boosting Rural Development in India. Kurukshetra. Vol. 62 (1). pp. 3 [ISSN: 0021-5660]

Sudeshna Saha

Paper Presented in the National Seminar/Conference/Workshop

- 23-24 November 2013 Presented Paper on Deplorable Health Conditions in Rural India 'A Thematic Review National Seminar at A.K.Dasgupta Center for Planning and Development Department of Economics and Politics Visva-Bharati
- 22-23 November 2013 Presented Paper on Impact of Urbanization in Modern Society at National Seminar on Environmental Issues: Protection Conversation and Management Department of Environmental Sciences Visva-Bharati
- 28-29 November 2013 Presented Paper on Rathindranath and Rural Reconstruction at National Seminar on Rathindra Nath Tagore at Shiksha Satra Visva-Bharati
- 17-19 November 2013 Presented Paper on CSR and Vedantic Philosophy at National Seminar on Relevance of Vedic Texts in Modern Management Burdwan University West Bengal
- 10 November 2013 Presented Paper on Ausotosh Mukherjee and his contribution to Academics at State level Seminar on Austosh Mukherjee and Nationalism Patriotism at Southfield College Darjeeling 4th ,5th October 2013
- Presented Paper on FDI on Retail and its Effect in Agrarian Sector at National Seminar on Foreign Direct Investment in India: Prospects & Challenges at St. Aloysius College, Jabalpur
- 22-23 March 2013 Presented Paper on FDI on Retail and its effect on Agrarian Sector at National Seminar on "Changing Rural Scenario in the New Millennium" Palli Charcha Kendra, Visva-Bharati

Training & Workshop Attended:

- 13 January - 9 February 2014 Attended the 88th Orientation Programme at Jawaharlal Nehru University ,New Delhi.
- August 2013 Attended 10 days ICSSR sponsored Workshop at Siddho Kanho Birsha University Purulia West Bengal

Publication in National and International Journals:

- Saha Sudeshna "Exploitation of Women Workers in Unorganized Sector" In Steward Business Review An International refereed Journal July 2013 ISSN No.- 2320 - 9399
- Saha Sudeshna 'Essence of CSR in Modern Society' Scholarly Research Journal for Interdisciplinary Studies July-August, 2013 ISSN No.- 2278-8808
- Saha Sudeshna 'FDI on Retail and its Effect in Agrarian Sector' Peer Reviewed Refereed Open Access International e-Journal December 2013 ISSN: 2249-0558

Publication in Book Chapters:

- Saha Sudeshna : " Deplorable Health Conditions in Rural India 'A Thematic Review" in Chattopadhyay, P.K (Eds.) Some Empirical Aspects of Economic Growth and Diversification in India's Emerging Economy, New Delhi Publishers, New Delhi, 2014 ISBN: 978-93-81274-54-5

Neelmani Jaysawal

Paper Presented in the National Seminar/Conference/Workshop

- 25 May 2013 Presented a Paper titled "Challenges and Good Practices in implementation of resettlement and rehabilitation programs" in an International Conference on Changes and Challenges in Commerce, Engineering, Technology and

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Social Sciences held at MCCIA, Pune.

31 May-1 June' 2013 Presented a Paper titled "Challenges to International Criminal Court" in a National Conference on International Humanitarian Law jointly organized by the All India Law Teachers Congress (AILTC) and the International Committee of the Red Cross (ICRC) at New Delhi.

12-14 August 2013 Presented a Paper titled "Resettlement and Rehabilitation Activity: Its Impediments and Success" in the 8th Annual International Conference on Public Policy and Management held at Indian Institute of Management (IIM), Bangalore.

4-5 October 2013 Presented a Paper titled "Challenges and Future Prospects of FDI in Indian Retail Sector" in the National Seminar on Foreign Direct Investment in India: Prospects & Challenges held at Department of Management Studies, St. Aloysius College, Jabalpur.

26-27 October 2013 Presented a Paper titled " Democracy and Role of Civil Society in India" in the National Seminar on Constitutional Development and Nation-Building in India held at Department of Political Science, Kirori Mal College (University of Delhi).

22-23 November 2013 Presented a joint Paper titled "Impact of Urbanization on Modern Society" in the National Seminar on Environmental Issues: Protection, Conservation and Management held at Department of Environmental Studies, Visva-Bharati, Santiniketan.

23-24 November 2013 Presented a Paper titled " Rural Development Programmes of Govt. of India and their effectiveness: An Assessment" in the National Seminar on Challenges and Prospects of Inclusive Growth in Rural India organized by A.K Dasgupta Centre for Planning and Development at Department of Economics and Politics, Visva-Bharati.

6-7 February 2014 Presented a Paper titled "Education and Healthcare for Underprivileged Segments of the Society and CSR" in the International Conference on Corporate Social Responsibility: Expectations, Reality and Challenges organized by Shyam Lal College (Eve.) University of Delhi.

Publication in National and International Journals:

Jaysawal, Neelmani : Role of Civil Society and Its Impact on Social Capital; IOSR Journal of Humanities and Social Sciences (IOSR-JHSS) vol. 11, Issue 1(May-June' 2013), pp 98-106, e-ISSN: 2279-0837, p-ISSN: 2279-0845, doi: 10.9790/0837-11198106.

Jaysawal, Neelmani : Success of Resettlement and Rehabilitation Activity Amidst Obstacles: A Study of China; International Journal of Social Work and Human Services Practice, Horizon Research Publishing vol. 1(1), Online Issue (September' 2013) pp. 26-30, e-ISSN: 2332-6840, p-ISSN: 2332-6832, doi: 10.13189/ijrh.2013.010105.

Jaysawal, Neelmani : Civil Society, Democratic Space and Social Work; SAGE Open, Sage Publication vol. 03, no. 04, Issue (October-December' 2013), online ISSN: 2158-2440, doi: 10.1177/2158244013504934.

Publication in Book Chapters:

Jaysawal, Neelmani (2014): "Rural Development Programme of Govt. of India and their effectiveness: An assessment" in Chattopadhyay, P.K (Eds.) Some Empirical Aspects of Economic Growth and Diversification in India's Emerging Economy, New Delhi Publishers, New Delhi 2014 ISBN: 978-93-81274-54-5.

Others

14 October 14 - 08 November 2013 Attended a UGC sponsored 86th Orientation Course for lecturers organized at Academic Staff College, Jawaharlal Nehru University (JNU) New Delhi.

Susmita Patel

Academic Qualification in 2013-2014

Submitted and awarded PhD in Social Work from Department of Social Work, University of Delhi on Empowerment of Women through Self Help Groups: A comparative study between tribal and non tribal districts in Orissa

Subhashree Sanyal

Publications

Sanyal, S "Primary Education in North East India: A Commentary" in Hazra, A. (Eds.), "Sustaining Development in North-East India: Emerging Issues, Challenges and Policy Measures. Concept Publications, New Delhi, 2013 ISBN: 9151250241.

Sanyal, R.R. & Sanyal, S : "Nagaland: A look through MDG Lenses" in Hazra, A. (Eds.), "Sustaining Development in North-East India: Emerging Issues, Challenges and Policy Measures. Concept Publications, New Delhi, 2013 ISBN: 9151250241.

Sanyal, S : Bharat Nirman: The Story so far"; Kurukshetra Vol 62[5], 2014 ISSN 0021-5660.

Sanyal, S : "State of Public Health in Assam" South Asia Politics Vol 12[11] 2014 pp 51-52; RNI: DELENG/2002/681.

Seminar/Conferences

1- 2 May 2014 Presented a paper on " Assam and MDGs: The Story so Far" in UGC Sponsored National Seminar on "Millennium Development Goals & NE India", organized by Govt. J. Buana College, Lunglei, Mizoram.

Academic Qualification Gained in 2013-2014

Completed PhD in Social Work from Department of Social Work, University of Delhi on topic "Impact of Foreign Funding on Voluntary Sector in NCT of Delhi"

Moumita Laha:

19 - 21 January, 2014 Presented a Paper titled " Panchayati Raj Institutions and Social Inclusion in India" in an International Conference on Deepening Democracy, organized by Kerala Institute of Local administration at Kovalam, Kerala.

Designing New Course/ Curriculum or any other teaching innovations introduced by the Department:

The work on modification of MSW course curriculum has been completed.

A brief history on the development of the Department: The Department of Social Work was established in 1963 offering a BSW (Hons.) course and MSW course in 1977 and Ph.D programme were added. The Department is part of the Palli Samgathana Vibhaga (PSV) or the Institute of Rural Reconstruction. Visva-Bharati is the first of the universities situated in a rural ambience. The Department is convinced that Tagore's ideas are modern and dynamic and it has been the aim from the very beginning how to achieve more and more consonance with his ideas through our academic and extension work as well as to keep all channels open for a constant dialogue between theory and praxis. It is a matter of great pride that we have been able to project the departmental activities as having an intimate engagement with rural life and conditions, the aim of which lies in empowering communities through healthy exchange of ideas, knowledge and services in the area of Social Work in a mutually enriching manner as we cull the wisdom and knowledge of the rural people through this exchange.

Any other relevant information, which in the opinion of the Head of the Department is worth reporting, should be included:

Placement Cell: The Department is helping outgoing students for seeking job in different organizations through placement cell. Six organizations visited our department for recruitment of MSW students where 20 out of 30 appeared students got selected for job this year.

PALLI CHARCHA KENDRA

Palli Charcha Kendra, a teaching department, founded in 1977, started with M.Phil Programme under Vidya Bhavana. Later on it was put under the Institute of Palli Samgathana Vibhaga (PSV). At present it offers postgraduate degree course on Rural Development and runs PhD programme in Social Sciences. It conducts research on various aspects of life of the rural people.

Departmental Seminar (Speakers, Title of the Seminar, Date):

25 March, 2014 Endowment Lecture on Cooperative organised by the department. Topic-'Rethinking Tagore on Co-operative Movement in the era of Globalisation' Speaker Prof. Ratan Khasnabis, Economist, Eminent Professor, University of Calcutta

20 January, 2014 A special lecture was organized by the Department on the topic-"Rural Development and Law in India" Speaker--Dr. Debasish Poddar, Asst. Professor of Law National University of Study and Research in Law Ranchi, Jharkhand

Only National and International Standard (Conferences / Seminars / Workshops / Exhibitions etc. attended by Teachers / Research Scholars in details.

Sankar Majumder

31 Jan 2013, Participated as an external expert in workshop for revision of syllabus for Honours and Pass in subject Economics in the Department of Economics with Rural Development, Vidyasagar University.

21 Jan 2014, National Level Lecturer cum Discussion in a Programme on Rural Development, Energy and Environment, organised by Vigyan Prasar, Department of Science and Technology, Government of India and Paschim Banga Vigyan Mancha.

Sikha-Satra, Visva-Bharati. Delivered a lecture on 'Energy, Environment and Rural Development'.

13-14 Jan 2014, Chaired the Technical Session-V in a UGC Sponsored two day national seminar on 'Economic Development-Contemporary Issues' organised by the Dept. of Economics with Rural Development, Vidyasagar University.

16-17 Aug 2013, National Seminar on 'Rural consumers and the Market : Issues and Challenges' Organised by National University of Study and Research in Law, Ranchi in association with the Centre for Consumer Studies, Indian Institute of Public Administration, New Delhi. (i) Co-Chaired the Panel Discussion on 'Rural Consumers and the Market-Issues in Perspectives'; and

(ii) Participated as panellist in the session on 'Challenges in Empowering the Rural Consumers'.

Santanu Rakshit

13 Mar 2014-Special Lecture (Invited Seminar) in Department of Political Science, Rabindra Bharati University, on the Topic-"Sustainability as Development".

28-30 Jan 2014 : International Seminar on Agrarian Transition in India organized by Department of Sociology, School of Social Sciences and International Studies, Pondicherry University, presented a paper-"Stressed commerce, agrarian crisis and the question of transition-a farm level study of agrarian West Bengal in the current millennium"

M.A. Masillamani

29 Jan 2014-Resource Person in ICSSR sponsored Research Methodology Course in Social Sciences by the Centre for Rural Development in Annamalai University, Annamalai Nagar, Tamil Nadu.

22-23 Nov 2013 Chaired a technical session in National Seminar held at Department of Environmental Studies, Visva-Bharati, Santiniketan on the topic-Environmental Issues-Protection, Conservation and Management.

Mr. Siddharta Chatterjee (Research Scholar under Dr. Santanu Rakshit)

16-17 August, 2013, Presented a Paper title-"If There is Cooperative Then No Fear from Foreign Direct Investment." In two day national seminar on "Foreign Direct Investment in Retail Sector and in Commodity Market", organized by Department of Commerce of Mugberia Gangadhar Mahavidyalaya under Vidyasagar University.

On going Research Project in the Department : Two UGC--Major Research Projects.

(a) (i) Dr. Santanu Rakshit, Associate Professor & HOD,

(ii) Titled "Impact of Global and Local Economic Shocks on the Rural Economy-A case study in West Bengal, India during two Phases-I) 1996-2004 & II) 2004- onwards'

(iii) UGC

(iv) Rs 5.19 lakh

(v) 1st July 2012 to 30th June 2014

(b) (i) Dr. Rathindra Nath Pramanik

(ii) Titled "NREGA and conditions of Rural Labourers-A Comparative Study of Two districts in West Bengal'

(iii) UGC

(iv) Rs 6.71 lakh

(v) 1st July 2012 to 30th June 2014

Extension activities/NSS/Cultural and other activities organized by the department and participated by the Teachers and students of the Department:

(1) Teachers and Students of the Department regularly visit villages for -

a) Preparing village profile;

b) Identification of problem and prepare viable project for amelioration of the problem.

Academic distinctions gained by Teachers/Scholars or the Department as a whole(like recognition as D.S.A. or C.A.S. etc.) : NIL

Publications within the year April 2013 - March 2014 :

Santanu Rakshit

Articles in Journal:

Paper Titled-" Neo-liberalism and Indian Economy: A Discursive Study"" Nr.tat.tv- The Anthropology" Vol-2 No.-3, Vol-3, No-4, July-Dec 2012,Jan-Jun 2013; ISSN-2249-9830.

Articles in Conference Volume

Publication of conference proceedings, Paper titled "Neoliberalism and the Agrarian Question" presented in UGC sponsored 2-day national seminar on the theme "Development at Crossroads" 1st and 2nd August, 2012, organized by Raja Peary Mohan College, in collaboration with Uthnau, Mallarpur

RathindraNathPramanik, Associate Professor in Economics

Articles in Journals:

'Vulnerability of Agricultural Labourers - Needed Social Protection in West Bengal', Journal of Economic and Social Development, Vol.- IX, No. 1, 2013, ed. Prakash Chandra Deogharia, Dept. Economics, VinobaBhave University, Hazaribagh, Jharkhand, 2013 : 94-104, ISSN: 0973-886X

Articles in Book Chapters

'Income, Consumption and Asset Holding Position of Agricultural Labourers in West Bengal' in 'Gender, Opportunities and Empowerment: Aspects of Rural Development', A. K. Dasgupta Centre for Planning and Development (A Centre Sponsored by the Planning Commission, Govt. of India) Visva-Bharati, Santiniketan, West Bengal, published by New Delhi Publisher, New Delhi, 2013: 1-27, ISBN:978-93-81274-47-7.

Mr. Siddharta Chatterjee (Research Scholar under Dr. Santanu Rakshit)

Articles in Journals:

"Role of self-help groups in movement of socio-economic and political transformation-A case study in Purba Medinipur

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District" in International Journal for Research on Commerce and Management, Vol.-4, Issue No.-7(July), 2013, ISSN-0976-2183.

Designing New Courses/ Curriculum or any other teaching innovations Introduced by the Department :

Current syllabus was introduced in 2009. A new syllabus for 5-years Integrated Course leading to post graduation in Rural Development had already been passed in BOS (2013), waiting to be ratified in Institute Board and Academic Council.

A brief history on the development of the Bhavana / Sadana / Vibhaga concerned with an indication of the future plans for development. :

This department started as an interdisciplinary centre of academics in the model of CSSS-Calcutta, Patuli (ICSSR institute in Kolkata) with faculties drawn from various section of disciplines --Economics/Anthropology/Statistics/Demography/Geography.

A very brief history of the evolution of the department--

In 1977, PalliCharcha Kendra was established under Vidya Bhavana -with M.Phil course and a keen orientation strictly towards research work --under stalwarts of social science--like VK Roy Barman (ex-director Anthropological Survey of India), Sunil Sengupta (co-author of many books with Jean Dreze, Harris Gazdar).The infamous AshokeRudra also taught MPhil course here as guest professor alongwith the Ex-Vice Chancellor of Visva-Bharati-

Surajit Sinha

- 2) Subsequently, it was put under PSV and from 1991 it started two courses -MA-(Rural Development) and MA/MSc-Anthropology with PhD courses in Social Science and Anthropology respectively, and was carried on successfully.
- 3) Under statutory amendments from Jan31, 2010 the Department of Anthropology was carved out from Department of PCK and the new Department of Anthropology was shifted to Vidya Bhavana. The Department of PCK with its courses in MA in Rural Development and PhD in Social Sciences remained under PSV. However, HLC recommended that Department of PCK as such (before bifurcation) should be put under Vidya Bhavana.
Intake capacity in the course of MA in Rural Development--46 (23 in each semesters)
Approximately 20 PhD students enrolled.

Indication of the future plans for development

1. It envisages starting immediately a 5 years Integrated Post Graduate course in Rural Development to give a standard exposure and to integrate the course with academic field, which is presently lacking.
2. Department also envisages applying for SAP, which has been already passed in BOS. It has the required faculty strength to be eligible for the SAP.
3. Department is planning to start some short term courses on Rural Studies to prepare Rural Development practitioners for the upcoming demand of employment in NGO's.

Any other relevant information, which in the opinion of the Head of the Department is worth reporting, should be included. :

The department has very capable human resources to compete with any academic institution carrying out academic courses in Rural Studies. However, there are many lacunas too. The foremost hindrances of the department are lack of minimum academic infrastructure like library and computer lab. It is a necessary requirement not only for the students but also for the faculties to carry out proper research work and for the major research projects running at this moment in the department.

PALLI SIKSHA BHAVANA (Institute of Agriculture)

Academic

In this year most of our U.G. students successfully completed ICAR-JRF examination and selected for JRF Fellowship. Quite a few Master degree students and Ph.D.Scholars qualified for National Eligibility Test (NET) conducted by ICAR (ICAR-NET). The Bhavana is going to start the Experiential Learning Programme in final year B.Sc. (Ag.)Hons. To keep pace with different academic and developmental activities, all the meetings conducted by ICAR on different issues were attended by our faculty members time to time.

Bhavana organised the sessions of 5th Indian Youth Science Congress on 06.12.2013 in collaboration with Dr. M.S. Swaminathan foundation held during 6-9 December, 2013.

Bhavana organized a "Fertilizer Orientation Course" in collaboration with Fertilizer Association of India (FAI), Eastern Region for final year UG and Master degree students during 16-17 th January, 2014 at Community Hall, Sriniketan. Students from U.G. and Master degree courses were selected in different companies through campus interview. Chandrajit Mandal and Dibakar Mandal were selected in Crystal Crop protection Ltd. as crystal doctor. Swapan Kr. Kuiry, Maheswar Bauri, Subhrajit Pathak and Debdas Mahato were selected in Multiplex group of companies, Bangalore as development officer. Soma Mukherjee was selected in Rallies India Ltd. as product development officer. The Village Attachment and Industry Placement for all the Final-year U.G. students were arranged.

Visit of Dignitaries (During 2013-14)

Dr. M.S. Swaminathan, Chairman, M.S.Swaminathan Research Foundation, Chennai.

Dr. Swapan Dutta, DDG (Crops), ICAR, New Delhi.

PSB Library

This library played a key role in day to day academic activities of PSB and other Bhavanas and Departments. During this year, 1518 books have been purchased. The total number of books and periodicals in the library are 49048 and 5408 respectively comprising the subjects like languages, humanities and social science, science, home science, computer science, commerce and management, education, engineering and technology, medical sciences, agricultural science, veterinary science, law and others. Total No. of Books & Periodicals issued was 21993. The total number of staff in this library is inadequate for providing the services.

The Agricultural Farm

This farm is a field laboratory for the students of UG, Master degree and Ph.D. as well as for faculties involved in research activities. The only source of irrigation in this farm is pond water which is inadequate to conduct experiments during winter and summer months. The students and faculties were facing problems in undertaking field experiments due to lack of assured irrigation water. This was a long pending task. In this year, one 5 HP submersible pump has been installed in the month of March, 2014 at agriculture farm.

The Agricultural farm of PSB comprises of an area of 40 ha land with an irrigated area of 16 ha and net cultivable area of 12 ha. In this year 1.0 ha was utilized for conducting field experiments of the master degree and Ph.D. students and AICRP (Weed Control) experiments. In kharif season, 09 experiments (two by the AICRP Weed Control), in rabi season, 12 experiments (one by the AICRP Weed Control) and in pre-kharif season, 04 experiments were conducted during 2013-2014. In 2.0 ha of land, seed multiplication was done in pre-kharif season. The production of different crops in this farm were: a) Paddy: 54.0 quintals, b) Wheat: 5.0 quintals, c) Mustard: 3.0 quintals, d) Sesame: 1.0 quintal, e) Paddy Straw: 110 quintals, f) Baby corn: 690 pcs. and g) Groundnut: 10.0 Kg. The farm achieved a total sale of Rs.94, 000 for the year 2013-14.

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Dairy and Poultry Farm

This farm has only two cows and one calf at present. There are only two permanent and one temporary staff for looking after the farm. This farm is compelled to reduce its activity due to the acute shortage of manpower.

Rathindra Krishi Vigyan Kendra (RKVK)

During the Year 2013 - 2014, the Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati organized 92 numbers of Training Courses for 3101 numbers of Trainees which include 2773 numbers of practicing Farmers and Farm Women, 185 numbers of Rural Youths and 143 numbers of Extension Personnel. In 2013 - 2014 the Rathindra KVK has jointly organized a Residential Training Programme for the Rural Youths with the Coconut Development Board, West Bengal State Centre on "Friends of the Coconut Trees (FOCT)" (first of its kind in the State of West Bengal) and also distributed the Innovative Coconut Climbing Tree Machines among the Trainees free of cost. In this Training Programme, 2 numbers of Trainees acquired the skills of Master Trainers and now they are giving training to other Trainees throughout the State of West Bengal.

The Centre also organized 7 numbers of On Farm Trials (OFTs) involving 64 numbers of farmers on Seven (7) different Technologies and also organized 571 numbers of Front Line demonstrations (FLDs) involving 571 beneficiary farmers on 14 different Technologies proven to be useful after validation through OFT.

The Centre also organized Mini-kit Demonstrations of different Varieties of Wheat and Paddy under Indian Agricultural Research Institute (IARI) Outreach Programme, PUSA, Samastipur, Bihar in 2013 -14 and the Wheat variety HD - 2824 and the Paddy variety Pusa - 44 proved to be most successful regarding the percentage increase of yield over the traditional varieties.

The Scientists of the centre made publication of 2 numbers of Research Papers, 2 numbers of Seminar/Conference/ Symposia Papers, 2 numbers of Book Chapters, 11 numbers of Extension Pamphlets or Extension Literatures, 12 numbers of Technical reports and 6 numbers of Electronic Publication (CD/DVD etc).

The Rathindra KVK directed 18 Radio Talks and live phone-in programmes on eight different topics related to agriculture and allied sectors and these programmes were broadcasted through the All India Radio. The Kendra also directed 7 Television Talks on seven different topics related to agriculture and allied sectors and these programmes were telecast through the Doordarshan. The centre also organized Awareness Camps on Parthenium Control and World Environment Day in 2013-2014. The Rathindra KVK also sent 61 different types of relevant messages on Agriculture and related topics using Short Message Services (SMS) through Kisan Mobile Advisory Service (KMAS) to 4805 numbers of practicing farmers, farm women and rural youths of Birbhum district.

With active help and supervision of the Rathindra Krishi Vigyan Kendra, an Innovative Portable SRI Marker (4 Rows) was developed by the farmers of Bishnubati Village, P. O. Sattore, Birbhum, West Bengal which showed remarkable results both in the field trials as well as in day-to-day use.

Soil Testing Laboratory:

The Soil Testing Laboratory of Palli Siksha Bhavana deals mainly with the assessment of soil fertility status of agricultural soils of this region. It provides guidelines to the stakeholders for nutrient application to the crops. The vermicomposting unit of the soil testing laboratory is recycling the organic wastes into enriched manures. Soil Testing Laboratory is now facing an acute shortage of manpower.

AICRP on Weed Control

The Directorate of Weed Science Research (AICRP-Weed Control) has been functioning since March 18, 1986 at Visva-Bharati, Sriniketan under USDA and subsequently, it has been taken up entirely by the ICAR in April 1, 1990. The Visva-Bharati, Sriniketan Centre, one of the 22 Centres in India, has been functioning under the AICRP - WC (ICAR). The main aim of the centre is to develop and promote effective integrated weed management practices for important crops and cropping systems along with basic researches on weed biology. In addition, survey of weed flora of different agro-ecological regions of West Bengal and preparation of weed map are the other major goals of the centre.

Activities of the centre during the period:

- i) Weed survey and surveillance:
 - a) Survey of major weed flora and dominant weed species of pre-kharif crops in Birbhum and kharif crops in Purulia district.
 - b) Weed surveillance in rice, maize and pigeon pea in Purulia district during kharif season.
- ii) Studies on herbicidal resistance of butachlor on Echinochloa colonum if any due to repeated use.
- iii) Physiological studies in long term network trials.
 - a) Soil weed seed bank studies in long term herbicide trial
 - b) Periodicity of weed emergence.
 - c) Weed emergence pattern
- iv) Studies on biology and management of Echinochloa and wild rice.
 - v) Weed management in crops and cropping system
 - a) Herbicides combination for control of complex weed flora in transplanted rice.
 - b) Weed management in black gram and its residual effect on succeeding mustard crop.
 - c) Long term herbicide trials in rice - yellow sarson cropping systems.
 - d) Weed management in conservation agriculture systems.
- vi) Biological control of parthenium by Zygodotia bicolorata as well as competitive replacement through Cassia tora.
- vii) Transfer of technology
 - a) ON FARM TRIAL (OFT)- 3 in kharif rice, 1 in ladies finger, 2 in onion, 2 in boro-rice nursery and 1 in radish
 - b) FRONT LINE DEMONSTRATION (FLD)- 5 in boro-rice, 5 in kharif rice and 2 in potato
- viii) Station Trials
 - a) Weed management in sesame.
 - b) Weed management in green gram.
- ix) Extension activities
 - a. Studies on taxonomy of trees of Visva-Bharati campus.
 - b. Observing Parthenium Awareness Week (16th to 22nd August, 2013) through various activities.
 - c. Imparted training to the Assistant Directors of Agriculture and KPS, Govt. of West Bengal and farmers on weed management in major crops and cropping systems through ISOPOM, ATMA, BGREI and Sub-Divisional Krishi Mela at different C.D. Blocks of Birbhum district.
 - d) Leaflets and Extension Bulletins were published during the period.

DEPARTMENT OF 'ASEPAN'

A BRIEF HISTORY OF THE DEPARTMENT

The Department consists of six disciplines namely Agronomy, Soil Science, Agricultural Chemistry, Agricultural Engineering, Plant Physiology and Animal Science that has been abbreviated as the Department of ASEPAN. The activities of the Department comprise mainly of teaching, research and extension work. The Department offers teaching programmes both in undergraduate and post-graduate levels. Teachers from all the disciplines take part in teaching programme in undergraduate level. At present, the Department has been offering two post graduate courses namely, M.Sc.(Ag) in Agronomy and M.Sc.(Ag) in Soil science & Agricultural Chemistry.

Besides teaching and research activities, the teachers and students are involved in extension activities for solving various problems of the farmers in the locality. Time to time recommendations being made from the findings of the investigations carried out by the Department for farms' adoption in areas cropping systems, water management, weed management, soil and fertility management, agro-technologies for improving crop quality and productivity, rain fed farming, soil and water conservation, animal nutrition and management, potato production technology from TPS (True Potato Seed) growing of pulses, post harvest processing and preservation of sugarcane products and oil seeds as Ultra crop in rice fallow under rain fed situation are becoming popular among the farmers of this region. Extensive RAWE programme offers to the UG student.

Total No of Teaching staff- 22 (3 Vacant)

Associated Farms : Agriculture farm,

Dairy & Poultry farm

Associated Laboratory : Soil Testing Lab.

Total No of Non-Teaching staff- 10 (3 Vacant)

No. of teachers with M. Phil Degree : Nil

Total no. tutors/ Demonstrators :

Total no. of other teaching staff :

Details of vacant post (teaching) : Vacant- 3 (Appendix-I)

Total no. of non-teaching staff : (Appendix-II) (1-Attached for duty, vacant position-2)

Total no. of library staff : Nil

Total no. of instructors (if any) : Nil

National and International standard Conference/Seminar/Workshop/Exhibition etc. attended:

S. K. Pyne

6-9, December 2013: Attended 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development.

1-3 February 2014: Participated and presented paper in the national seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

21-30 July, 2013: Attended international conference on Animal Science & Dairy Science Las Vegas, USA presented 2 papers(oral) "An evaluation of Poultry viscera... feed ingredient" Poster: "Black Bengal goat... rural folk"

24-26 February, 2014: Attended and presented paper in the international conference organized by the Dept. of Zoology "Socio economic benefits of Integrated Fish farming, using Poultry Water"

A. K. Barik

1-3 February, 2014: Attended and presented a research paper in national seminar on "Agriculture and Bio security in changing scenario" organized by Dept. of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal.

24-26 February, 2014: Attended and presented a research paper In International Conference on Environmental Biology and Ecological modeling organized by Dept. of Zoology, Visva-Bharati, Santiniketan.

B.K. Saren

6-9 December 2013: Participated and presented paper in the 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development.

1-3 February 2014: Participated and presented paper in the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

Goutam Kumar Ghosh

4 - 5 March, 2014: Participated and presented paper in the international symposium on Potassium Nutrition and Crop Quality held at Ranchi, India organised by Birsa Agricultural University, Ranchi, Jharkhand, India in Collaboration with International Potash Institute, Horgen, Switzerland.

1 - 3 February, 2014: Participated and presented paper in the national seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati Univ., Santiniketan-731235, W. Bengal, India.

B. Duary

26-27 April, 2013: Attended and presented Research Highlights of AICRP-WC in Annual Group Meeting of AICRP-Weed Control at CSHKV, Palampur, HP.

22-25 October, 2013: Attended and presented a paper in 24th APWSS Conference on "The role of Weed Science in Supporting Food Security by 2020." at Padjadjaran University, Bandung, West Java, Indonesia.

23-24 November, 2013: Attended and presented a paper in national seminar on Challenges and Prospects of Inclusive Growth in Rural India organised by A. K. Dasgupta Centre for Planning & Development, Department of Economics & Politics, Visva-Bharati, Santiniketan.

6-9 December, 2013: Attended and presented a paper in 5th Indian Youth Science Congress on Leading Mind into ever-widening thought and action organised by MSSRF, VB, SRM University and Rajiv Gandhi National Institute of Youth Development in Santiniketan, West Bengal.

1-3 February, 2014: Attended and presented a paper in national seminar on Agriculture and Bio-security under changing scenario organised by ASEPAN Dept., PSB, Visva-Bharati, Sriniketan, West Bengal.

G.C. Malik

6-9 December, 2013: Participated and presented paper in the 5th Indian Youth Science Congress organized by Visva-Bharati, India in collaboration with M.S. Swaminathan Research Foundation.

18 November, 2013: Participated in a brainstorming workshop on Precision Agriculture organized by IPNI at Patna.

24-26 February, 2014: Participated and presented paper in the international conference on Environmental Biology and Ecological Modelling organized by Dept of Zoology (CAS), SikshaBhavana (Institute of Science), Visva-Bharati Univ., Santiniketan-731235, W. Bengal, India.

1-3 March, 2014: Participated and presented paper in the national seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, PalliSikshaBhavana (Institute of Agriculture), Visva-Bharati Univ., Santiniketan-731235, W. Bengal, India.

14-23 January 2014: Participated in ICAR sponsored 10 days training course on "Recent advances in Weed Management conducted by Directorate of Weed Science Research, Jabalpur, MP.

S. K. Maity

2-11 September, 2013: Participated in the ICAR sponsored short course on "Geostatistical modeling for spatio-temporal assessment of soil and water resources" held at Central Arid Zone Research Institute, Jodhpur.

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1-3 February 2014: Participated and presented a research paper in the national seminar on "Agriculture and Bio-Security in Changing Scenario" Organized by the Department of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, West Bengal.

K. Pramanik

23-24 August, 2013: Participated in a two days workshop at the National Institute of Research on Jute and Allied Fibre Technology, Kolkata for understanding the process of developing Concepts Notes for funding NFBSFARA.

22-23 November, 2013: Participated and presented paper in the National Seminar on Environmental Issues: Protection, Conservation & Management organized by Department of Environment Studies, Visva-Bharati and Institute of Public Health Engineers, India, Visva-Bharati, Santiniketan.

28-30 November, 2013: Participated and presented paper in the 4th Biopesticides International Conference on "Ecofriendly Plant Protection and production for Food Security, Food Safety and the role of Biopesticides in Global Economy" organized by St. Xavier's College, Palayamkottai, Tamil Nadu.

6-9 December, 2013: Participated and presented paper in the 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development.

1-3 February, 2014: Participated and presented paper in the national seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

18 Nov, 2013: Participated in a brainstorming workshop on Precision Agriculture organized by IPNI at Patna.

24-26 February, 2014: Participated and presented paper in the international conference on Environmental Biology and Ecological Modelling organized by Dept of Zoology (CAS), Siksha Bhavana (Institute of Science), Visva-Bharati.

1-3 March, 2014: Participated and presented paper in the National Seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati.

5-7 March, 2014: Participated and presented paper in the national conference On Adaptation and Mitigation Strategies of Climate Change for Sustainable Livelihood organized by Cooch Behar Association for Cultivation of Agricultural Sciences (COBACAS) Uttar Banga Krishi Viswavidyalaya, at Pundibari, Cooch Behar 736 165.

N. C. Sarkar

6-9 December, 2013: Participated and presented paper in the 5th Indian Youth Science Congress organized by Visva-Bharati, India in collaboration with M.S. Swaminathan Research Foundation.

24-26 February, 2014: Participated and presented paper in the international conference on Environmental Biology and Ecological Modelling organized by Dept of Zoology (CAS), Siksha Bhavana

1-3 March, 2014: Participated and presented paper in the national seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati .

Suchhanda Mondal

24-26 February, 2014: Participated and presented paper in the International Conference on Environmental Biology and Ecological Modelling organized by Dept of Zoology (CAS), Siksha Bhavana.

4- 5 March, 2014: Participated and presented paper in the International Symposium on Potassium Nutrition and Crop Quality held at Ranchi, India organised by Birsa Agricultural University, Ranchi, Jharkhand, India in Collaboration with International Potash Institute, Horgen, Switzerland.

1- 3 February, 2014: Participated and presented paper in the National Seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, Palli Siksha Bhavana.

D. Panda

11-13 November 2013: Participated and presented paper in international conference on Harmony with Nature in Context of Ecotechnological Intervention and Climate Change (HARMONY 2013) organized by Department of Zoology, Environmental Science and Biotechnology, DDU Gorakhpur University, Gorakhpur, Uttar Pradesh

15-17 November 2013: Participated and presented paper in National Conference on Frontiers in Algology and Algal Biotechnology (NCFAAB) organized by Department of Biotechnology, Siksha Bhavana, Visva-Bharati, Santiniketan.

22-23 November 2013: Participated and presented paper in National Seminar on Environmental Issues: Protection, Conservation and Management organized by Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan.

1-3 February 2014: Participated and presented paper in national seminar on Agriculture and Bio-Security in Changing Scenario organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan

P. Kandasamy

1-3 February 2014: Participated and presented a paper in the National Seminar on "Agriculture and Bio-Security in Changing Scenario" held in the Department of ASEPAN, Institute of Agriculture, Visva-Bharati, Sriniketan

19 November to 9th December 2013: Participated in the refresher course in Nano sciences (Interdisciplinary) organized by UGC-ASC, University of Madras, Chennai.

Sananda Mondal

11-13 November 2013: Participated and presented paper in International Conference on Harmony with Nature in Context of Ecotechnological Intervention and Climate Change (HARMONY 2013) organized by Department of Zoology, Environmental Science and Biotechnology, DDU Gorakhpur University, Gorakhpur, Uttar Pradesh .

6-9 December, 2013: Participated and presented paper in National Conference on 5th Indian Youth Science Congress, organized by Visva-Bharati, Santiniketan, W.B.

1-3 February 2014: Participated and presented paper in National Seminar on Agriculture and Bio-Security in Changing Scenario organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan .

K.C. Swain

29-30 March 2014: Participated and presented paper in the international congress on "Agriculture and, Food Engineering and Environmental Sciences-Sustainable Approaches (AFEESSA-2014) in JNU, New Delhi

1-3 February 2014: Participated and presented paper in the national seminar on Agriculture and Bio-security in the Changing Scenario at Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum, West Bengal.

6-9 December 2013: Participated and presented paper in 5th Indian Youth Science Congress held in Visva-Bharati, Birbhum, West Bengal.

Ongoing Research Projects

B. Duary

I. Name of the Teacher : Dr. B. Duary

II. Name of the Project : All India Coordinated Research Programme on Weed Control (ICAR)

III. Sponsoring Agencies : Indian Council of Agricultural Research, New Delhi

IV. Amount Sanctioned : About Rs. 34.4 lakhs

V. Duration of the project : Long-term project, continuing since 1986.

I. Name of the Teacher : Dr. B. Duary

II. Name of the Project : BBTR Project

III. Sponsoring Agencies : Crystal Crop Protection Private Ltd., Delhi

IV. Amount Sanctioned : Rs. 5.28 lakhs

V. Duration of the project : Two years

I. Name of the Teacher : Dr. B. Duary

II. Name of the Project : EPJ project

III. Sponsoring Agencies : Makhtesim Agan India Private Limited, Hyderabad, A. P.

IV. Amount Sanctioned : Rs. 1.98 lakhs

V. Duration of the project : Two years

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- I. Name of the Teacher : Dr. B. Duary
- II. Name of the Project : BBSR Project
- III. Sponsoring Agencies : Crystal Crop Protection Private Ltd., Delhi
- IV. Amount Sanctioned : Rs. 3.19 lakhs
- V. Duration of the project : One year

G. C. Malik

- I. Name of the Teacher : Dr. G. C. Malik and Dr. M. Banerjee (PIs)
- II. Name of the Project : Nutrient Optimization and Yield Intensification of major cereal systems of eastern India
- III. Sponsoring Agencies : International Plant Nutrition Institute
- IV. Amount Sanctioned : Rs. 3.96 lakhs
- V. Duration of the Project : 3 years (conditional)
- I. Name of the Teacher : Dr. G. C. Malik (PI) and Dr. M. Banerjee and P. Mondal (Co-PIs)
- II. Name of the Project : Bio efficacy and Phytotoxicity evaluation of some herbicides and insecticides in different crops against different weeds and insect scenario"
- III. Sponsoring Agencies : Bayer Crop Science Limited
- IV . Amount sanctioned : Rs. 3.48 lakhs
- V. Duration of the Project : Two seasons

- I. Name of the Teacher : Dr. G. C. Malik (PI) and Dr. M. Banerjee (Co-PI)
- II. Name of the Project : Bio efficacy study of Pro-gibb (gibberellic Acid) 40 % WSG in Rice
- III. Sponsoring Agencies : Sumitomo Chemical India Limited
- IV . Amount sanctioned : Rs. 1.21 lakhs
- V. Duration of the Project : Two seasons

- I. Name of the Teacher : Dr. G. C. Malik, P. Mondal and M. K. Biswas (Co-PIs)
- II. Name of the Project : Bio efficacy and Phyto-toxicity evaluation of some herbicides and insecticides in different crops against different weeds and insect scenario"
- III. Sponsoring Agencies : SYNGENTA India Ltd.
- IV . Amount sanctioned : Rs. 8.2 lakhs
- V. Duration of the Project : Two seasons

Dr. K. Pramanik

- I. Name of the Teacher : Dr. K. Pramanik (Co-PI)
- II. Name of the Project : Improvement of productivity of land through diversity and activity of soil organisms in various agro-ecosystems of the System Rice Intensification (SRI) in West Bengal
- III. Sponsoring Agencies : Sri Dorabji Tata Trust (SDTT), Mumbai
- IV. Amount sanctioned : Rs. 0.64 lakhs
- V. Duration of the Project : Two seasons

M. Banerjee

- I. Name of the Teacher : Dr. M. Banerjee
- II. Name of the Project : Evaluation of fertilizer potential of Sea weed saps on different crops
- III. Sponsoring Agencies : CSIR- Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat
- IV . Amount sanctioned : Rs. 8.52 lakhs
- IV . Duration of the Project : Three years (conditional)

Extension activities:

S. K. Pyne

Associated & Participated programmes with RKVK, PSB, Visva-Bharati.

AIR: May 2013- Green fodder is inevitable for dairy farming. March 2014- Agriculture in Changing Climate

Doordarshan : June 2013- Green fodder & non conventional feed for dairy animals.

March 2014- Agriculture in Changing Climate and bio-security.

Social Activities:

Member of Rotary International. Past President, R.C. Bolpur- Santiniketan

Associated with a project of "water re-charging for underground water level" of Govt. of India.

Completed 5 water & sanitation project for villagers under Rotary International.

A. K. Barik

In a Television Programme at Santiniketan Durdarshan, Birbhum, delivered a lecture on "Management of early potato cultivation" on 02.9.2013.

In a Live Radio Programme at Santiniketan AIR, Birbhum, delivered a lecture on "Technology of wheat cultivation" on 16.11.2013.

B. Duary

Lecture delivered/organized workshop etc.:

08 May 2013: Imparted training and delivered Lecture on "Weed problem and management in kharif paddy, jute and vegetables" as an expert in the Technical Training of Territory Executives organised by the Tata Chemicals at Kolkata.

16 August 2013: Organised an awareness programme on Parthenium in the campus of the Institute of Agriculture, Visva-Bharati on the occasion of Parthenium Awareness Week, 2013.

18 August 2013: Organised awareness programme on Parthenium in the route of Bolpur, Nananor on the occasion of Parthenium Awareness Week, 2013.

19 August 2013: Organised awareness programme, on Parthenium in the route of Bolpur, Dghe- Naranpur on the occasion of Parthenium Awareness Week, 2013.

11-12 September 2013: Imparted training and delivered lecture on Weed management in oilseeds, pulses and maize on 12.09.2013 in Officers/Extension worker's Training meeting under ISOPOM organised by Assistant Director of Agriculture (Admin), Rampurhat.

18 March 2014: Delivered lecture on mixed and intercropping - to increase the productivity of small and marginal farmers in a training programme on intercropping and vegetable cultivation for WADI members of Gramin Vikas Trust held organised by RKVK, Institute of Agriculture, Visva-Bharati.

T.V. Programme

29 July 2013 Recording and Broadcasting a Programme on "Weed management in paddy" by Dooradarshan, Krishidarsan. Date of broadcast 09.08. 2013 and 19.08.2013.

25 March 2014 Recording and Broadcasting a Programme on "Weed problem and management in summer crops" by Dooradarshan, Krishidarsan.

Radio Programme:

29 June 2013 Recording and broadcasting a Live Programme on Weeds of kharif season and their management.

20 August 2013 Recording and broadcasting an interactive programme on "Parthenium Awareness Programme" (broadcasting on 22.08.2013).

08 March 2014 Recording and broadcasting a Live Programme on 'Weeds of summer season and their management'.

G. C. Malik

27 October 2013 Participated in a discussion on "Improved practices of potato" for Dooradarshan, Santiniketan

26 June 2013 Participated in a discussion on "Contingency crop planning" for Kisan Bani Programme of FM Radio, Santiniketan

28 December 2013 Participated in a discussion on "Potato cultivation" for Kisan Bani Programme of FM Radio, Santiniketan.

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Others:

27th Sept, 2013 Acted as resource person in the training programme for grass root level extension functionaries on Integrated nutrient management in rabi crops conducted by RathindraKrishiVigyan Kendra, PSB, Visva-Bharati, Sriniketan, Birbhum.

S. K. Maity

13 August 2013 Delivered a lecture on "Package of practices for oilseed crops" in Officers'/Extension Workers' training Programme Meeting under ISOPOM for the year 2012-13 at the Training Hall SAF, Suri organized by the Office of the Deputy Director of Agriculture (Admn.), Birbhum.

Delivered a lecture on "Organic Farming" at a farmers' training programme at Kamalakantapur villagr of Bolpur-Sriniketan Block organized by the Agricultural Trianing Centre Ramkrishna Mission Ashram, Narendrapur, Kolkata.

6 Feb 2014 Delivered a lecture in Krishi Mela as Chief Guest organized by Kamarpukur Ramkrishan Mission.

11 March 2014 Radio talks on soil health management in AIR Kissan Vani programme broadcasting.

30. April 2013, 8 July 2013 and 29 October 2013 Delivered talks on "Package & practices of maize cultivation", "direct seeded rice cultivation", "rabi crops in rainfed rice field" in Door Darshan Krishi Darshan programme broadcasting respectively.

K. Pramanik

Lecture delivered

27 September 2013 Delivered a lecture on Integrated Nutrient Management in Mustard at one day training programme for grass root level extension functionaries on Integrated Nutrient Management in Rabi crops conducted by Rathindra Krishi Vigyan Kendra, PSB, Visva-Bharati, Sriniketan, Birbhum.

12 March, 2014 Delivered two lectures in one day training programme on soil and water conservation special emphasis on mulching in rainfed area for small and marginal tribal farmers organized by Asansol Burdwan Seva Kendra, held at Borodanga and Sukhbazar.

26 May 2014 Delivered a talk on "water conservation and its use specially in rainfed and dryland areas" and "some methods for increasing yield in the rainfed area using mulching procedure" for Kisan Vani programme of F. M. Radio, Santiniketan and broadcast.

M. Banerjee

TV programme

Participated in a discussion on "Improved practices of jute" for Doordarshan, Santiniketan.

Participated in a discussion on "Improved practices of bitter gourd" for Doordarshan, Santiniketan. Participated in a discussion on "Improved practices of Sweet potato " for Doordarshan, Santiniketan.

Participated in a discussion on "Improved practices of Dioscorea" for Doordarshan, Santiniketan.

Radio programme

Participated in a discussion on "Jibanusar" for Kisan Bani Programme of FM Radio, Santiniketan

Participated in a discussion on "Maize cultivation" for Kisan Bani Programme of FM Radio, Santiniketan.

Participated in a live phone in programme on "Potato cultivation" for Kisan Bani Programme of FM Radio, Santiniketan.

Participated in a discussion on "Sitkalin dal sossor chas" for Kisan Bani Programme of FM Radio, Santiniketan.

Others

27 Sept. 2013 Acted as resource person in the training programme for grass root level extension functionaries on Integrated Nutrient Management in Rabi crops conducted by Rathindra Krishi Vigyan Kendra, PSB, Visva-Bharati, Sriniketan, Birbhum.

N. C. Sarkar

29 Nov 2013 Resource person at one day training-cum-workshop on seed at CSRSJAF, Bud bud under ICAR seed project.

Academic Distinctions:**S. K. Pyne**

1-3 February 2014 Acted as Chairman of the Organizing Committee of the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan. Acted as the Member of Editorial Board of the Abstract of the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan. Chaired a technical Session2 (livestock and mixed farming) of the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan. Chaired Farmers Scientist Meet the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

21-30 July, 2013 Acted as Co-chairman for a session track 3&4 Animal Breeding & Genetics and Animal Bio-technology of the international conference on Animal Science & Dairy Science Las Vegas, USA.

A. K. Barik

1-3 February 2014 Acted as organizing secretary of the National Seminar on "Agriculture and Bio security in changing scenario" organized by Dept. of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal.

16-17 January, 2014 Acted as coordinator for organizing an orientation programme by FAI for UG students at PSB community hall.

Supervised one M.Sc.(Ag.) Agronomy student for thesis work.

Acting as referee for review of research papers in national and international Journals.

Acting as Farm Advisor, Agriculture Farm, PSB, VB, Sriniketan.

Acted as paper setter and evaluator in various courses of agriculture, appointed by OUAT, Bhubaneswar, Odisha; BAU, Kanke, Ranchi, Jharkhand, UBKV, Coochbehar, West Bengal and BCKV, Mohanpur, W.B.

Acting as Vice- Principal, Palli Siksha Bhavana, Sriniketan,

Life member of Indian Society of Agronomy, New Delhi.

Life member of Indian Society of Forage crops, Hisar.

Life member of Indian Society of Soil Biology and Ecology, UAS, Bangalore.

B. K. Saren

Nominated as External Expert Member of Assessment Committee for promotion of Technical Posts by ASRB, ICAR, New Delhi (for two years).

Acted as Member of Selection Committee & Judge, Sahitya Akademi, New Delhi

Life Member of Indian Society of Agronomy, IARI, New Delhi

Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal

1-3 February 2014 Acted as treasurer in the national seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

B. Duary

Councilor of Indian Society of Weed Science from West Bengal (2008 -2013).

Referee of Indian Journal of Agronomy, Indian Journal of Weed Science, Journal of Crop and Weed etc.

Member of the Executive Committee of the Crop and Weed Science Society.

Life member of

International Weed Science Society

Indian Society of Agronomy

Indian Society of Weed Science

Indian Society of Agricultural Sciences

Crop and Weed Science Society

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Indian Science Congress Association.
Councilor (West Bengal) of Indian Society of Agronomy (2011-13).
Member, Editorial board of Indian Journal of Weed Science.
PG Coordinator of Agronomy, Department of ASEPAN, PSB.

G. C. Malik

Life member of five Professional Societies of Agricultural Science of national level.
Acting as Ph. D Coordinator
Acting as Deputy Proctor, Sriniketan
1-3 February 2014 Acted as Joint Organising Secretary in the national seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, PalliSikshaBhavana (Institute of Agriculture), Visva-Bharati Univ., Santiniketan-731235, W. Bengal.

S. K. Maity

Life Member of Indian Society of Agronomy, IARI, New Delhi
Technical and Associate Professional Member of Fertiliser Association of India, New Delhi

K. Pramanik

Life Member of Indian Society of Agronomy, IARI, New Delhi
Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal
Life Member of Indian Society of Soil Biology and Ecology, Bengaluru
Awarded "CWSS YOUNG SCIENTIST AWARD 2013" for outstanding contribution towards developing Sustainable Agriculture in State arena by CROP AND WEED SCIENCE SOCIETY (CWSS), Department of Agronomy, Faculty of Agriculture, BCKV, Mohanpur, West Bengal, India.
22-23 November 2013 Acted as Chairman of a Technical Session in the National Seminar on Environmental Issues: Protection, Conservation & Management organized by Department of Environment Studies, Visva-Bharati and Institute of Public Health Engineers, India, Visva-Bharati, Santiniketan.
6-9 December 2013 Acted as Member of organizing committee for the 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development.
1-3 February 2014 Acted as Joint-Organizing Secretary in the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
1-3 February 2014 Acted as Co-Chairman of a Technical Session-1 in the National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
Acted as Chief Editor of the Abstracts in the national seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
Conducted coaching classes on Agronomy for the outgoing students of B. Sc. (Ag.) Hons. Sem-VIII of 2013-14 for ICAR conducted JRF examination-2014.

M. Banerjee

Acting as NSS Programme officer.
1-3 February 2014 Acted as Rapporteur in the Poster session of national seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati Univ., Santiniketan-731235, W. Bengal. Received Best Oral Presentation in the session- 2 of Theme 1 (Crop Diversification, Natural Resource Management and conservation agriculture) in national seminar on Agriculture and Biosecurity in changing scenario organized by Dept of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati Univ., Santiniketan-731235.

N. C. Sarkar

Managing editor of the international journal, International Journal of Bio-resource and Stress Management published by Puspaa Publishing House, Kolkata. Print & online ISSN 0976-3988 & 0976-4038. Current NAAS rating 4.46. DOI 10.5958/j.0976-4038

K. C. Swain

Life membership of Asian Association of Agricultural Engineers (AAAE).

Member of American Society of Biosystems and Agricultural Engineers (ASABE).

1-3 February 2014 Work as Rapporteur in national seminar on Agriculture and Biosecurity in the changing Scenario held at Palli Siksha Bhavana, Visva Bharati.

6 September - 3 October 2013 Successfully completed 92nd Orientation Program at Academics Staff College, Burdwan University, Burdwan.

Publications:**S. K. Pyne**

Tudu, N. K., Pyne, S.K. and Ghosh, N (2014) Demographic profile and management practices of goat keeping practices in West Bengal. Vol-18.

1-3 February 2014 Tudu, N.K., Pyne, S.K. and Ghosh, N. 2014. Comparative study on biometrics of three colour varieties of Bengal goats. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-6: 5pp.

G. K. Ghosh

Paritosh Patra, Biplab Kumar Pati, Goutam Kumar Ghosh, S.S. Mura and A. Saha (2013). Effect of Biofertilisers and Sulphur on Growth, Yield and Oil Content of Hybrid Sunflower (*Helianthus annuus*. L.) in a Typical Lateritic Soil. 2:603 doi:10.4172/ Scientific Reports .603. pp 1-5

A. K. Barik

Mohanty, M; Nanda, S.S. and Barik, A.K. 2013. Effect of integrated nutrient management on growth, yield, nutrient uptake and economics of wet season rice (*Oryza sativa*) in Odisha, Indian Journal of Agricultural Sciences 83(6): 599-604. Bera, R., Datta, A., Bose, S., Dolui, A.K., Chatterjee, A.K., Dey, G.C., Barik, A.K., Sarkar, R.K., Majumdar, D. and Seal, A. 2013. Comparative Evaluation of Compost Quality, Process Convenience and Cost under Different Composting Methods to assess their Large Scale Adoptability Potentials also Complemented by Compost Quality Index, International Journal of Scientific and Research Publications 3(6): 1-11.

Mohanty, M., Barik, A.K. and Nanda, S.S. 2013. Sustaining enhanced productivity and profitability of rice-potato cropping system through integrated nutrient management in upland lateritic soils of Odisha. International Journal of Agricultural and Statistical Science 9(1):293-302.

Alim, M.A., Nanda, S.S., Patro, H.K. and Barik, A.K. 2013. Effect of various rice-based cropping systems on system productivity, uptake, utilization and use efficiency of N, P and K. *Oryza-An International Journal on Rice* 50(1): 58-64.

B. K. Saren

Sudeshna Kar and B. K. Saren. 2013. Effect of mulching and boron on growth and productivity of winter niger [*Guizotia abyssinica* (L.f.) Cass.]. *Journal of Interacademia* 17(4): 657-662.

B. V. G. Prasad, S, Chakraborty, B. K. Saren and D. Panda. 2014. Effect of mulching on pod yield and yield attributes of French Bean (*Phaseolus vulgare* L.). *Life Science International Journal*, 1(1): 328-330.

6-9 December 2013 Shiwaji Hembram, Dharamdas Majhi and B. K. Saren. 2013. Effect of crop geometry, seedling number and water regime on growth and productivity of summer rice (*Oryza sativa* L.) under SRI technique. Abstract: 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development, 16pp. Sudeshna Kar, Lina Haldar and B. K. Saren. 2013. Niger-a magical oilseed crop under rainfed condition of India. Abstract: 5th Indian Youth Science Congress

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organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development, 21pp.

28-30 November 2013 K. Bera, K. Pramanik, S. Dey, S. Mukherjee and B. K. Saren. 2013. Effect of microbes and bioregulators on yield parameters and yield of chickpea (*Cicer arietinum* L.) under rainfed condition. 4th Biopesticides International Conference on "Ecofriendly Plant Protection and production for Food Security, Food Safety and the role of Biopesticides in Global Economy" organized by St. Xavier's College, Palayamkottai, Tamil Nadu, 105pp.

V. G. Prasad, S. Chakraborty, B. K. Saren and D. Panda. 2014. Effect of mulching on pod yield and yield attributes of French Bean (*Phaseolus vulgare* L.). Abstract: International Conference on Global crisis and Environmental Governance in Northeastern region of India, PP 43, ISBN-978-81-908302-6-3.

1-3 February 2014 Shiwaji Hembram, Dharamdas Majhi and B. K. Saren. 2013. Studies on yield attributes and yield of summer rice (*Oryza sativa*) as influenced by crop geometry, water regime and number of seedling per hill. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, 34pp.

B. Duary

Book Chapter:

Bhowmick, M. K., Duary, B. and Biswas, P. K. (2013). Promoting Grasspea (*Lathyrus sativus* L.) Cultivation in Rice-Fallow of West Bengal. In: Some Empirical Aspects of Economic Growth and Diversification In India's Emerging Economy, ed. Chattopadhyay, P. K., New Delhi Publishers, pp.367-73.

Research papers

Duary, B. and Ghosh, A. K. (2013). Effect of different levels of nitrogen and foliar spray of DAP on toria grown as utera crop in rice-toria cropping system. *International Journal of Bio-resource and Stress Management*, 4(1): 029-032.

A.K. Ghosh, B. Duary* and D. C. Ghosh (2013). Nutrient Management in Summer Sesame (*Sesamum indicum* L.) and its Residual Effect on Black Gram (*Vigna mungo* L.). *International Journal of Bio-resource and Stress Management*, 4(4):542-547.

Duary, B., Ghosh, A. K. and Bhowmick, M. K. (2013). Influence of different levels of nitrogen and foliar nutrition on yellow sarson grown as utera crop in rice-yellow sarson cropping system. *Journal of Interacademia*, 17(4):785-789.

Mandal, M. K., Duary, B* and De, G. C. (2013). Effect of crop establishment and weed management practices on weed growth and productivity of Basmati rice. *Indian Journal of Weed Science*, 45(3): 166-170.

Duary, B. and Hazra, D. (2013). Determination of critical period of crop-weed competition in sesame. *Indian Journal of Weed Science* 45(4): 253-256, 2013

Duary, B. (2014). Weed prevention for quality seed production of crops. *SATSA Mukhopatra- Annual Technical Issue*, 18: 48-57. (Invited). ISSN 0971-975x.

Bhowmick, M. K., Sadhukhan, R., Duary, B., Biswas, P. K., Rakshit, A. and Adhikari, B. (2014). Crop geometric studies for achieving higher seed yield of mungbean in West Bengal. *Satsa Mukhopatra- Annual Technical Issue*, 18: 111-116.). ISSN 0971-975x.

Chakraborty, N. R. and Duary, B. (2014). Utilization of some weeds as medicine by the local people in Birbhum District of West Bengal, India. *International Journal of Bio-resource and Stress Management*, 5 (1):148-152 DOI: 10. 5958/j.0976-4038.5.1.029.

Duary, B. and Mukherjee, A. (2013). Distribution pattern of predominant weeds of wet season and their management in West Bengal, India. In: Proceedings 24th Asian-Pacific Weed Science Society Conference, October 22-25, 2013, Bandung, Indonesia (ISBN Number: 978-602-96519-2-8), pp. 191-199. (Full Paper).

Malik, S. and Duary, B*. (2013). Chemical weed management of groundnut and its residual effect on succeeding yellow sarson under lateritic soil of West Bengal, India. In: Proceedings 24th Asian-Pacific Weed Science Society Conference, October 22-25, 2013, Bandung, Indonesia (ISBN Number: 978-602-96519-2-8), pp. 587-592. (Full Paper).

6-9 December, 2013 Mukherjee, A. and Duary, B. (2013). Management of weedy rice - a potential threat of rice cultivation in West Bengal. in: Proceedings of 5th Indian Youth Science Congress held in Santiniketan p. 44.

Others:

6-9 December, 2013 Bhowmick, M. K., Dhara, M. C., Singh, S., Duary, B. and Biswas, P. K. (2013). Enhancing survival and productivity of Sub 1 introgressed rice variety in submergence prone areas of West Bengal. In: Proceedings of 5th Indian Youth Science Congress held in Santiniketan p. 115. Dalal, S. and Duary, B. (2013). Utilization of weeds as biological resources - effective means of weed management. In: Proceedings of 5th Indian Youth Science Congress held in Santiniketan, p. 203.

1-3 February, 2014 Duary, B., Hossain, A. and Mondal D. C. (2014). Herbicide combinations for control of complex weed flora in transplanted rice under lateritic soil of West Bengal. In Proceedings of National Seminar on agriculture and bio-security in changing scenario. Organised by dept. of ASEPAN, PSB, Visva-Bharati, Sriniketan, p. 37. Hazra, D., Duary, B and Dalal, S. (2014). Emergence profile of different categories of weeds In: Proceedings of National Seminar on agriculture and bio-security in changing scenario. Organised by Dept. of ASEPAN, PSB, Visva-Bharati, Sriniketan, p. 23. Malik, S., Duary, B. and Dalal, S. (2014). Phytoremediation- a new hope for the environment. In Proceedings of National Seminar on agriculture and bio-security in changing scenario. Organised by dept. of ASEPAN, PSB, Visva-Bharati, Sriniketan. Th. 5.p.5. Bhowmick, M.K., dhara, M.C., Duary, B. and Biswas, P. K. (2014). Nutrient management with and without soil conditioner under different crop establishment methods in summer rice. In Proceedings of national seminar on agriculture and bio-security in changing scenario. Organised by dept. of ASEPAN, PSB, Visva-Bharati, Sriniketan, p.11.

15-17 February 2014 M. C. Dhara, Malay K. Bhowmick and Duary, B.(2014). Bio-efficacy of penoxsulam for weed management in transplanted rice. Extended Summary. Biennial Conference of Indian Society of Weed Science on "Emerging Challenges in Weed Management", Directorate of Weed Science Research (ICAR), Jabalpur, Madhya Pradesh, India. pp. 114.

20-21 Feb, 2014 Malay K. Bhowmick, M.C. Dhara, Duary, B., S. Saha and P.K. Biswas (2014). Effect of seedling age and weed management on rice productivity under system of rice intensification. Abstracts of Research Papers. The 21st West Bengal State Science and Technology Congress, University of Burdwan, Burdwan, West Bengal. pp. 20.

20-21 Feb. 2014 M. K. Bhowmick, A. Biswas, B. Duary and P. K. Biswas (2014). Bioherbicide - A promising tool for integrated weed management. Abstracts. International Symposium (IMSS-2014) on "Role of Fungi and Microbes in the 21st Century - A Global Scenario", organized by the Indian Mycological Society, Department of Botany, University of Calcutta, Kolkata at Science City, Kolkata, West Bengal. pp. 94-95.

24-26 February 2014 Malay K. Bhowmick, M. C. Dhara, R. K. Ghosh and B. Duary (2014). Productivity improvement through weed management under the system of rice intensification in West Bengal. Programme and Abstracts. International Conference on "Environmental Biology and Ecological Modelling (ICEBEM 2014)", Department of Zoology (Centre for Advanced Studies), Visva-Bharati, Santiniketan, Birbhum, West Bengal, India. pp. 85-86. Malay K. Bhowmick, M. C. Dhara, R. K. Ghosh and B. Duary (2014). Productivity improvement through weed management under the system of rice intensification in West Bengal. Programme and Abstracts. International Conference on "Environmental Biology and Ecological Modelling (ICEBEM 2014)", Department of Zoology (Centre for Advanced Studies), Visva-Bharati, Santiniketan, Birbhum, West Bengal, India. pp. 85-86.

Feb. 20-21, 2014, Malay K. Bhowmick, Madhab C. Dhara, Buddhadeb Duary, Somnath Saha and Pabitra K. Biswas (2014). Effect of seedling age and weed management on rice productivity under system of rice intensification. Abstracts of Research Papers. The 21st West Bengal State Science and Technology Congress, University of Burdwan, Burdwan, West Bengal. pp. 20.

G. C. Malik**Book Chapter:**

Malik, G.C. and Banerjee, M. 2014. "Varietal Development of Jute". In Jute development: Technological interface between tradition and modernity, ed. Debabrata Dasgupta, Agrobios (India) , pp.37-48

Mookherjee, S, Malik, G.C. and Bandyopadhyay, S. 2014. "Integrated Nutrient management and seed soaking on yellow sarson: Approaches for enhancing growth and yield. Lambert Academic Publishing. ISBN: 978-3-659-46477-5

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Research papers:

Show, R. Ghosh, D.C., Malik, G. C. and Banerjee, M. 2014. Effect of water regime and nitrogen on growth, productivity and economics of summer rice varieties International Journal of Bio-resource and Stress Management, 5(1):047-052

Mandal, M.K., Banerjee, M., Banerjee, H., Alipatra, A. and Malik, G. C. 2014. Productivity of Maize (*Zea Mays*) based intercropping system during Kharif season under red and lateritic tract of West Bengal. The Bioscan. 9(1): 31-35, 2014.

S. K. Maity

Chowdhury, P K, Setua G C, Ghosh A, Kar R and Maity S K (2013). Sustainable quality leaf production in S 1635 mulberry (*Morus alba*) under irrigated condition through organic nutrient management Indian Journal of Agricultural Sciences 83(5): 529-34.

Mohanty, T R, Roul, P K, Maiti, S K and Dash A C (2013). Productivity and profitability of wet season rice (*Oryza sativa* L.) under different methods of establishment and nutrient management. Journal of soils and Crops Vol 23 (2), Dec. 2013.

Jata S K, Neduchezhiyan M, Lenka A and Maity S K (2013). Small scale pot culture vermicomposting method - a new innovation for every household and its effect on protecting environment ecofriendly. Odisha Horticulture Vol. 2 (2) : 27-33.

K. Pramanik

Pramanik, K., Bera, A.K and Panda, D. 2013. Response of Different Sources of Phosphate Fertilizers and Homobrassinolide on Total Chlorophyll Content, Yield Attributes and Yield of Hybrid Rice under Lateritic Zone of West Bengal. International Journal of Bio-resource and Stress Management. 4(1):014-018.

Bera, A.K. and Pramanik, K. 2013. Response of Rice Hybrids to Nitrogen Levels under Lateritic Zone of West Bengal. International Journal of Bio-resource and Stress Management. 4(2):161-165

Maiti, R.K., Pramanik, K. Rajkumar, D, Jagan, M. and Vidyasagar, P. 2013. Effect of Seed Priming on Seedling Vigour and Yield of Tomato and Chilli. International Journal of Bio-resource and Stress Management. 4(2):119-125.

Pramanik, K. and Bera, A.K. 2013. Effect of Seedling Age and Nitrogen Fertilizer on Growth, Chlorophyll Content, Yield and Economics of Hybrid Rice (*Oryza sativa* L.). International Journal of Agronomy and Plant Production. 4 (S), 3489-3499.

Maiti, R.K., Pramanik, K. 2013. Vegetable Seed Priming: A Low Cost, Simple and Powerful Techniques for Farmers' Livelihood. International Journal of Bio-resource and Stress Management. 4(4):475-481.

Bera, A.K. and Pramanik, K. 2013. Effect of Biofertilizers and Homobrassinolide on Growth, Chlorophyll content, Yield, Nutrient Content and Uptake of Lentil (*Lens culinaris* Medik). International Journal of Agriculture, Environment & Biotechnology. 6(3): 344-350

Mondal, S., Bauri, A., Pramanik, K., Ghosh, M., Malik, G.C. and Ghosh, D. C. 2013. Growth, Productivity and Economics of Hybrid Rice as Influenced by Fertility Level and Plant Density. International Journal of Bio-resource and Stress Management. 4(4):548-555.

Bera, A.K., Pramanik, K. and Panda, D. 2013. Response of biofertilizers and homobrassinolide on growth, relative water content and yield of lentil (*Lens culinaris* Medik). Journal of Crop and Weed, 9(2):84-90

Pramanik, K. and Bera, A.K. 2013. Effect of biofertilizers and phytohormone on growth, productivity and quality of sunflower (*Helianthus annuus* L). Journal of Crop and Weed, 9(2):122-127.

Dey, S., Pramanik, K., Mukherjee, S., Poddar, S. and Barik, K. 2013. Effect of seed and straw mulching on growth and productivity of chickpea (*Cicer arietinum* L.) under rainfed condition. SATSA-Mukhapatra-Annual Technical Issue. 18:126-131.

Nayak, B.R., Saini, S.S., Panda, D., Pramanik, K. and Swain, S.K. 2014. Effect of farmyard manure, nitrogen and plant spacing on nitrogen uptake, oil and seed yield of coriander (*Coriandrum sativum* L.). Journal of Interacademia. 18(1):49-54.

Others

22-23 November 2013 Pramanik, K., Roy, A., Dey, S., Mukherjee, S., Bera, A.K. and Panda, D. 2013. Response of moisture conservation techniques with phosphate solubilizing and mobilizing microbes to growth and yield performance of chickpea (*Cicer arietinum* L.) Under rainfed condition. Abstract: National Seminar on Environmental Issues: Protection, Conservation & Management organized by Department of Environment Studies, Visva-Bharati and Institute of Public Health Engineers, India, Visva-Bharati, Santiniketan, 100-101pp.

28-30 November 2013 Roy, A., Pramanik, K., Bera, A.K. Mukherjee, S., Dey, S. and Panda, D. 2013. Chickpea (*Cicer arietinum* L.) Yield performance of to different moisture conservation techniques under rainfed condition. Abstract: 4th Biopesticides International Conference on "Ecofriendly Plant Protection and production for Food Security, Food Safety and the role of Biopesticides in Global Economy" organized by St. Xavier's College, Palayamkottai, Tamil Nadu, 73pp.

Bera, A.K., Pramanik, K., Dey, S., Mukherjee, S., and Saren, B.K. 2013. Effect of microbes and bioregulators on yield parameters and yield of chickpea (*Cicer arietinum* L.) under rainfed condition. 4th Biopesticides International Conference on "Ecofriendly Plant Protection and production for Food Security, Food Safety and the role of Biopesticides in Global Economy" organized by St. Xavier's College, Palayamkottai, Tamil Nadu, 105pp.

6-9 December 2013 Dey, S., Pramanik, K., Mukherjee, S., Poddar, S. and Barik, K. 2013. Effect of nutripriming and mulching on growth and yield performance of chickpea (*Cicer arietinum* L.) under rainfed condition. Abstract: 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development, 18pp. Mukherjee, S., Pramanik, K., Dey, S., Poddar, S. and Barik, K. 2013. Performance of summer rice (*Oryza sativa* L.) to age of seedlings, nutrient and water management under SRI in lateritic belt of West Bengal. Abstract. 5th Indian Youth Science Congress organized by Visva-Bharati, Santiniketan, M S Swaminathan Research Foundation, SRM University and Rajiv Gandhi National Institute of Youth Development, 35pp.

1-3 February 2014 Dey, S., Pramanik, K., Mukherjee, S., Poddar, S. and Barik, K. 2013. Response of rainfed chickpea (*Cicer arietinum* L.) To seed priming with zinc and molybdenum and moisture conservation. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 17pp. Pramanik, K., Singh, S.P., Sannigrahi, A. And Bera, A.K. 2014. Effect of different grades of customized fertilizers on growth and yield of potato under lateritic belt of West Bengal. Abstract.

National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 18pp. Mukherjee, S., Pramanik, K., Dey, S. and Bera, A.K. 2014. Effect of age of seedlings, nutrient and water management on nutrient use efficiency, yield and economics of boro rice (*oryza sativa* L.) Under SRI. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 19pp. Midya, A. and Pramanik, K.

2014. Aerobic rice culture and system of rice intensification (SRI): present status and future prospect. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, 1-3 February, 2014, Th-1: 24 pp. Mondal, S., Pramanik, K. and Ghosh, D. C. 2014. Effect of fertility and plant density on hybrid rice productivity, nutrient use efficiency and soil fertility. Abstract.

National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 38 pp. Mandal, B. and Pramanik, K. 2014. Farmer's field performance of spring season sunflower (*Helianthus annuus* L.) As influenced by various levels of irrigation on loamy soils in gangetic West Bengal. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 39 pp. Poddar, S., Barik, K., Dey, S., Mukherjee, S., Bera, A. K. and Pramanik, K. 2014. Seed priming: a low cost farmers' friendly novel approach for good yield. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 43.

Bera, A.K. and Pramanik, K. 2014. Effect of nitrogen levels, brassinosteroids and crop establishment techniques on hybrid rice productivity, nutrient use efficiency and economic. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by

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Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-1: 44 pp. Patil, B.S., Nargund, V.B., Bhat, J.S. and Pramanik, K. 2014. Genetic variability for resistance to rust [*Uromyces ciceris-arietini* (Grognot) JACZ. and Boy] in chickpea. Abstract. National Seminar on "Agriculture and Bio-Security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Th-11: 8 pp.

M. Banerjee

Book Chapter:

Banerjee, M. 2014. "Impact of Climate change on Agriculture and mitigation options". In *Advances in Extension education and rural development*, ed, Debabrata Dasgupta, Agrobios (India) , pp. 33-42.

Malik, G.C. and Banerjee, M. 2014. "Varietal Development of Jute". In *Jute development: Technological interface between tradition and modernity*, ed. Debabrata Dasgupta, Agrobios (India) , pp.37-48

Research papers:

Show, R., Ghosh, D.C., Malik, G. C. and Banerjee, M. 2014. Effect of Water Regime and Nitrogen on Growth, Productivity and Economics of Summer Rice Varieties *International Journal of Bio-resource and Stress Management* , 5(1):047-052

Mandal, M.K., Banerjee, M., Banerjee, H. , Alipatra, A. and Malik, G. C. 2014. Productivity of Maize (*Zea Mays*) Based Intercropping System During Kharif Season Under Red And Lateritic Tract Of West Bengal. *The Bioscan*. 9(1): 31-35, 2014

Mandal, M.K., Banerjee, M. , Banerjee, H. , Pathak, A and Das, R. 2014. Evaluation Of Cereal-Legume Intercropping Systems Through Productivity And Competition Ability. *Asian Journal of Science and Technology*, 5(3): 233-237

N. C. Sarkar

Book :

Advances in Agrotechnology: a text book by Humberto Gonzalez Rodriguez, A V Ramanjaneyulu, N C Sarkar and Ratikanta Maiti published by Puspa Publishing House, Kolkata (ISBN 978-81-920073-6-6).

A classic Tale of Rags and Riches: Autobiography of a World renowned Crop Scientist Ratikanta Maiti by Samares Das and N C Sarkar. (ISBN 978-81-920073-8-0).

Research papers:

Thorie, M., Sarkar, N. C., and Kharutso, A. 2013. Effect of Biofertilizer on the Productivity of Terraced Upland Rice (*Oryza Sativa* L.). *International Journal of Bio-resource and Stress Management* 4(3), 400-403.

Thakur, A.K., Sarkar, N.C. and Maiti, R.K. 2013. Export of Seeds-History, Present Status and Future Prospects. *International Journal of Bio-resource and Stress Management* 4(4), Editorial i-iv.

D. Panda

Book Chapters:

"Jute Physiology" In: *Jute Development- Technological Interface between Tradition and Modernity* (D. Das Gupta ed.) Agrobios (India), 2014, pp.17-35 by Debasish Panda, Binoy Kumar Saren and Kalipada Pramanik (ISBN No. 978-81-7754-526-5)

Research Publications:

Pramanik, K., Bera, A.K. and Panda, D. 2013. Response of Different Sources of Phosphatic Fertilizers and Homobrassinolide on Total Chlorophyll Content, Yield Attributes and Yield of Hybrid Rice under Lateritic Zone of West Bengal. *International Journal of Bioresource and Stress Management*.4(1):014-018

Panda, D., Ghosh, D.C. and Kar, M. 2013. Effect of Salt Stress on the Pigment Content and Yield of Different Rice (*Oryza sativa* L.) Genotypes. *International Journal of Bioresource and Stress Management*.4(3):431-434

Bera, A. K., Pramanik, K. and Panda, D. 2013. Response of biofertilizers and homo-brassinolide on growth, relative water content and yield of lentil (*Lens culinaris* Medik). *Journal of Crop and Weed*. 9(2):84-90

Prasad, B.V.G., Chakravorty, S., Saren, B.K. and Panda, D. 2014. Effect of mulching on pod yield and yield attributes in French bean (*Phaseolus vulgaris* L.). *Life Sciences International Research Journal*.1(1): 328-330

Nayak, B.R., Saini, S.S., Panda, D., Pramanik, K. and Swain, S.K. 2014. Effect of farmyard manure, nitrogen and plant spacing on nitrogen uptake, oil and seed yield of coriander (*Coriandrum sativum* L.). *Journal of Interacademia*. 18(1):49-54.

K. C. Swain

Book Publication

Swain, K.C. *Precision Agriculture Technology Application*, Lambert Academic Publishing, Germany, 2013 ISBN-978-3-659-47275-6.

Book Chapter

Swain, K.C. and Moitra, R. Assessment of climate change impact on rice crop, Book chapter in *Environmental Sustainability: Concepts, Principles, Evidences and Innovations*, Excellent Publishing House, New Delhi. 2014 ISBN-978-93-83083-75-6.

Y. V. Rao

Research Publications:

Y. Vasudeva Rao. Diagnosis of antigen/pathogen presence in fishes by ELISA & Immuno-Electron Microscopy. *International Journal of Bio-Pharma Research* 2014; 3(1); 171-174

Y. Vasudeva Rao. Effect of some indigenous Plant sources on the elicitation of Antigen-specific Antibody Response. *Annals of Plant Sciences* 2014; 3(1): 604-607

Y. Vasudeva Rao. Enhancement of immunity and antigen clearance in *Cyprinus carpio* and *Labeo rohita*. *International Journal of Scientific Research* 2014; 3(2): 19-22

Vasudeva Rao Y. Determination of antigen-specific antibody levels in fish serum by ELISA. *International Journal of Bioassays* 2013; 2 (5): 746-747.

P. Kandasamy

Kandasamy, P. *Studies on Foam-Mat Drying of Papaya (*Carica papaya*) Fruit*. Published by LAB LAMBERT Academic Publishing, Saarbrücken, Germany. 2013 ISBN: 978-3-659-37432-6.

Kandasamy, P and Varadharaju, N. (2014) Assessment of biochemical characteristics of foam-mat dried papaya powder. *International Journal of Agricultural and Food Science*, 4(1): 54-58.

Sananda Mondal

Book Chapters:

Anaytullah, Mondal, S., Srivastava, A.K. and Bose, B. Influence of heat stress on plant responses: an approach to physiological, chemical, biotechnological and molecular aspects. *Advances in Plant Physiology*. Scientific Publisher, Vol. 14, 2014 pp:512-544.

Singh, P.K., Mondal, S. and Bose, B. Cross-talk signaling and survival strategies in plants under changing environment. *Advances in Plant Physiology*. Scientific Publisher, Vol. 14. 2014 pp:296-313.

Research Publications:

Mondal, S. and Bose, B. (2013). In vitro improvement in regeneration potentiality by using magnesium nitrate hardened seeds of rice (var. MTU-7029). *Vegetos*, 26 (2): 98-104.

Mondal, S., Singh, R.P., and Bose, B. (2013). Standardization of culture medium for somatic embryogenesis of rice var. MTU 7029. *International Journal of Bio-Resource and Stress Management*, 4(4): 500-505.

DEPARTMENT OF CROP IMPROVEMENT HORTICULTURE & AGRICULTURAL BOTANY (CIHAB)

Department of Crop Improvement, Horticulture & Agricultural Botany (CIHAB),

Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan.

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations -

B.V.G. Prasad

National & International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research scholars in details:

Partha Sarathi Munsri

16-17 January 2014: Fertilizer Orientation Course jointly organized by Fertilizer Association of India and Institute of Agriculture, Visva-Bharati, Sriniketan, Delivered Keynote Address.

1 March 2014: National Symposium on "Sustainable Agriculture for Food and Nutritional Security and North East India: Prospect and Future" at Kenedy Hall, Ballygunge Science College, University of Calcutta, Participated the symposium.

25 March, 2014: Awareness programme on "Protection of Plant Varieties and Farmers' Right Authority" organized by Genetics & Plant Breeding Section, Department of Crop Improvement Horticulture and Agricultural Botany, Palli Siksha Bhavana Visva-Bharati, Sriniketan, delivered Welcome Address

Snehasish Chakravorty

11-13 November, 2013: International Conference on Glocal Crisis and Environmental Governance in Northeastern Region of India, Assam, participated and presented a paper on "Effect of mulching on growth and yield of French bean (*Phaseolus vulgaris* L.)"

24-26 February, 2014: International Conference on Environmental Biology and Ecological Modeling (ICEBEM-2014), participated and presented a paper on 'Effect of mulching on pod yield, water use, water use efficiency and benefit -cost ratio of French bean (*Phaseolus vulgaris*)"

1-3 September, 2013: National seminar on Advances in Agricultural Research towards Food Security and Environmental sustenance. Visva-Bharati, participated and presented a paper on "Nutraceuticals : Let food be your medicine".

22-23 November, 2013: National Seminar on Environmental Issues: Protection, Conservation and Management, Visva-Bharati, Participated and presented a paper on "Bio-degradable mulches in vegetable crops-an eco-friendly approach".

1-3 February, 2014: National seminar on Agriculture and Bio-Security in changing Scenario", organized by Deptt. of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan; Participated and presented a paper on "Effect of post harvest treatments and packaging and storage conditions on shelf life of French bean".

Goutam Mandal

6 -9 December' 2013: 5th Indian Science Congress, Visva-Bharati, Santiniketan; participated and presented research paper on "Evaluation of elite palm in commercial plantations of oil palm in Andhra Pradesh".

1 -3 February, 2014: 'National Seminar on Agricultural and Bio-security in Changing Senario' held at Dept. of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva- Bharati, Sriniketan; participated and Co-chaired in the Technical Session-3 (Horticulture and Agroforestry based livelihood security).

Joydip Mandal

22 November, 2013: National Seminar on Environmental Issues: Protection, Conservation and Management, organized by Department of Environmental Studies, Visva-Bharati and Institute of Public Health Engineers, India, made a

presentation on 'Productivity Enhancement of Vegetable Crops Using Vermicompost in Integrated Nutrient Management Programme'.

20 February 2014: 21st West Bengal State Science & Technology Congress - 2014, organized by The University of Burdwan and West Bengal State Science and Technology Council and Department, Govt. of West Bengal made a presentation on 'Influence of Phosphorus and Micronutrients on Seed Crop of Bitter Gourd in Red and Lateritic Soil of West Bengal'.

1 February 2014: National Seminar on Agriculture and Bio-security in Changing Scenario, organized by Department of ASEPAN, Institute of Agriculture, Visva-Bharati made two presentations on 'Performance of Bottle Gourd Genotypes for Yield and its Attributes in Lateritic Belt of West Bengal' and 'Fruit Yield of Cucumber as Influenced by Foliar Spray of Calcium Nitrate and Boron'.

5 March 2014: National Seminar on Adaptation and mitigation Strategies of Climate Change for Sustainable Livelihood, organized by Cooch Behar Association for Cultivation of Agricultural Sciences (COBACAS) made two presentations on 'Performance of Some Bottle Gourd Genotypes in Lateritic Belt of Eastern India' and 'Performance Studies on Colocasia in North East India'.

Participated in ICAR sponsored 21 days Summer School entitled 'Horticulture Based Crop Diversification Options for Livelihood Security in Tribal areas' organized by ICAR research Complex for Eastern region, Patna Research Centre, Plandu, Ranchi.

Prahlad Deb

12-14 September 2013: 4th International Conference on Landscape and Urban Horticulture, Science City, Kolkata; participated and presented paper on 'Composite roof top garden, a different thinking for urban people'.

20-21 December 2013: 2nd International Symposium on Minor Fruits and Medicinal Plants, Faculty of Agriculture, University of Ruhuna, Kamburupitiya, Sri Lanka participated and presented three papers on 'Quality Evaluation of Some Jackfruit (*Artocarpus heterophyllus* L.) Genotypes of Eastern and North Eastern India', 'Effect of Stage of Harvest, Storage Temperature and Packaging on Shelf life and Quality of Carambola (*Averrhoa carambola* L.)' and 'Fruiting Behaviour, Fruit Growth and Development of Carambola (*Averrhoa carambola* L.) under Red and Lateritic Areas of Eastern India'.

20-26 November 2013: National Workshop on Botanical Identification & Evaluation of Indian Medicinal Plants, Jadavpur University, Kolkata: participated in different technical sessions and laboratory based training sessions.

1-3 February 2014: National Seminar on Agriculture and Bio-security in Changing Scenario, Dept. of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan; participated and presented paper on 'Antioxidant Properties of Some Banana Genotypes', 'Climate Change vs. Yield and Quality of Major Horticultural Crops - an Eastern Indian Context' and 'Value Addition in Floricultural Products'.

Amitava Paul

6-9 December, 2013: National seminar on 5th Indian Youth Science congress: Leading Mind into Ever - widening Thought and Action, Visva-Bharati, participated and presented paper on "Impact of Global Climate Change on Agriculture".

1-3 February 2014: National seminar on Agriculture and Bio-Security in Changing scenario organized by Department of ASEPAN (Agronomy, Soil Science and Agricultural Chemistry, Agricultural Engineering, Plant Physiology and Animal Science), Palli Siksha Bhavan (Institute of Agriculture), Visva-Bharati, Sriniketan, participated in the seminar.

Nihar Ranjan Chakraborty

11-13 November 2013: International Conference on Harmony with nature in context of ecotechnological intervention and climate change (HARMONY-2013) organized jointly by Department of Zoology, Environmental Science & Biotechnology, DDU Gorakhpur University, Gorakhpur, U.P. & National Environmentalists Association, Ranchi, Jharkhand, participated and presented research paper on "Utilization of some weeds as Medicine by the local people of Birbhum district, West Bengal, India".

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22 - 23 November, 2013: National seminar on environmental issues: Protection, Conservation & Management organized jointly by Department of environmental studies, Visva-Bharati, & Institute of Public health engineers, India participated and presented paper on "Environment friendly approach to improve rice germplasm for food security".

6-9 December, 2013: National seminar on 5th Indian Youth Science congress: Leading Mind into Ever - widening Thought and Action on organized jointly by M. S. Swaminathan Foundation and Visva-Bharati, Participated and presented paper on "Impact of Global Climate Change on Agriculture".

1-3, February' 2014: National seminar on Agriculture and Bio-Security in Changing scenario organized by Department of ASEPAN (Agronomy, Soil Science and Agricultural Chemistry, Agricultural Engineering, Plant Physiology and Animal Science), Palli Siksha Bhavan (Institute of Agriculture), Visva-Bharati, participated and presented paper on "Nature of genetic divergence in induced mutants of aromatic non-basmati rice"

Ongoing research projects in the Department

P.S. Munsii

Establishment of model nursery (1 ha) for medicinal plants under National Mission on Medicinal Plants, Department of Food Processing Industries & Horticulture, Govt., of West Bengal (Amount Rs. 4,00,000/-).

G. Mandal

Bio-Efficacy Studies of Some New Generation Molecules (PGR) on different crops funded by Willowood Chemicals Private Ltd., New Delhi-110025 (Working as a Investigator)

Study on Bio-Efficacy, Phytotoxicity and Residue analysis of Some Herbicides in Different Crops funded by Willowood Chemicals Private Ltd., New Delhi-110025 (Working as a co-investigator)

Prahlad Deb

Carrying Research project entitled "Effect of irradiation and packaging on Sapota fruits (*Achras zapota* L.) under different storage condition" as Investigator in-charge, funded by Department of Atomic Energy, Govt. of India (DAE/BRNS) (Total funding Rs. 24,84,500/-) for three years 2013-2016.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department.

Teachers and students of the Department are actively engaged in the extension activities organized by the Institute from time to time on transfer of technology programmes. This includes organizing students and farmers in undertaking extension programme, T.V. and Radio programmes etc. The faculty members also participated in various training programmes (organized by Rathindra Krishi Vigyan Kendra, Siksha Satra - Palli Charcha Kendra, Visva-Bharati, Govt. of West Bengal, NGO's etc.).

On various occasions, NSS programme was organized by Dr. Joydip Mandal (NSS Programme Officer) involving Departmental students. The programme ranged from campus cleaning to participation in many social activities.

The section Horticulture takes leading part in organizing various University programmes such as, 'Halakarshana' and 'Sriniketan Utsava' ('Magh Mela').

In this year Horticulture Section organized exhibition stall related to different aspects of horticulture in the theme of 'Agricultural Sustainability through Horticulture' in 'Magh Mela' (Dr. G. Mandal worked as a Co-ordinator of the stall) and additionally Crop Competition stall was organized like every years (Dr. J. Mandal worked as Co-ordinator of the stall).

Lectures delivered:

Prahlad Deb has delivered the following lectures:

9 December, 2013 "Prospect of Organic Cultivation Technology in Red & Lateritic Zone of West Bengal" at Zilla Birbhum Parishad Hall, Suri, organized by Dept. of Food Processing Industries and Horticulture, Govt. of West Bengal.

16 January, 2014 "Integrated Farming in Coconut and Establishment of Coconut Nursery and Management" in 6 days training programme on Friends of Coconut Trees (FoCT) at Rathindra Krishi Vigyan Kendra, Institute of Agriculture,

Visva-Bharati, Sriniketan organized by Coconut Development Board, Kolkata.

22 July, 2013 Television programme (Doordarshan Kendra Santiniketan) in "Krishi Darshan" on "Management of Seed Beds for Winter Vegetables" at 4.30 pm

25 Novembe, '2013 Television programme (Doordarshan Kendra Santiniketan) in "Krishi Darshan" on "Packages and Practices of Cauliflower" at 4.30 pm

31 October, 2013 Radio interview (Akashvaani Santiniketan) in "Krishi Vaarta" on " Scientific Package of Practices for Production of Gladiolus" at 6.30 pm

Academic distinctions gained by teachers/scholars of the Department as a whole (like recognition as D.S.A. or C.S.A. etc.).

Partha Sarathi Munsii

Awarded 'Rashtriya Vidya Ratan Award'(2014) by Foundation for Accelerated Community Empowerment, New Delhi
Member of Executive Council of The Society for the Advancement of Horticulture, B.C.K.V., Kalyani, Nadia, West Bengal (since 1996).

Member of Editorial Advisory Committee for Journal of Interacadamia, Kalyani, West Bengal.

External member, Academic Committee for the Faculty of Horticulture, B.C.K.V.

Expert member for designing Applied Oriented Course. in Horticulture, IGNOU, New Delhi

Lifetime Member of the following professional societies

Indian Science Congress Association.

The Agricultural Society of India.

The Society for the Advancement of Horticulture.

Indian Association of Biological Sciences.

The Orissa Horticultural Society.

Horticultural Society of India.

Indian Society of Ornamental Horticulture.

The Essential Oil Association of India.

Society for Promotion of Horticulture

International Society for Horticultural Science

Snehasish Chakravorty

Lifetime Member of the following professional societies

The Society for the Advancement of Horticulture.

The Indian Society of Vegetable Science

Seed Science Society of Bangladesh.

Joydip Mondal

20-21 February 2014 Best paper award ('Influence of Phosphorus and Micronutrients on Seed Crop of Bitter Gourd in Red and Lateritic Soil of West Bengal') presented in Agriculture Section in 21st West Bengal State and Technology Congress - 2014, organized by The University of Burdwan and West Bengal State Science and Technology Council and Department, Govt. of West Bengal.

Prahlad Deb

Best Publication Award 2013 by Society for Advancement of Human and Nature (Sadhna) for 'Changes in physico-chemical attributes of Burmese Grape (*Baccaurea sapida* Muel. Arg) during growth and development' published in International Journal of Bio-resource and Stress Management 4(2): 179-181

Lifetime Member of the following professional societies:

The Horticultural Society of India, New Delhi

The Society for Promotion of Horticulture, Bangalore

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Fruit Science Society of Bangladesh, Mymensingh, Bangladesh

Journal of Bio-resource and Stress Management, Kolkata

Acting as In-charge of Horticulture Divisional Laboratory, Dept. of CIHAB, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

Post Graduate Co-ordinator, Dept. of CIHAB, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

Acted as paper setter and examiner of different courses of horticulture in Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, W.B. and Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, W.B.

Paresh Chandra Kole

Acted as reviewer of research papers:

International Journal of Soil and Plant Science

African Journal of Agricultural Research

Satsa Mukhapatra: Technical Issue

Amitava Paul

1-3 February, 2014 Acted as Chairman in "Technical session- 8, Theme 3: Genetics and biotechnological improvement for new yield frontiers" of the National seminar on Agriculture and Bio-Security in Changing scenario on organized by Department of ASEPAN (Agronomy, Soil Science and Agricultural Chemistry, Agricultural Engineering, Plant Physiology and Animal Science), Palli Siksha Bhavan(Institute of Agriculture), Visva- Bharati, Sriniketan, West Bengal

15 Sept 2013 Acted as resource person and delivered a lecture on "Suitable varieties of Important Pulse Crops" in the In Service Training Programme on "Pulse Seed Production Technologies" at Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.

25 March 2014 Acted as a member of organizing committee of Awareness programme on "Protection of Plant Varieties and Farmers' Right Authority" organized by Genetics & Plant Breeding Section, Department of Crop Improvement Horticulture and Agricultural Botany, Palli Siksha Bhavana Visva-Bharati, Sriniketan.

Life member of the following societies

Indian Society of Genetics and Plant Breeding, New Delhi

Crop and Weed Science Society, BCKV, Nadia

Biosciences & Agriculture Advancement Society, Meerut

The Indian Science Congress Association

Association for Plant Breeding and Improvement (APBI), CU, Kolkata

Member of the editorial board of the journal Hort Flora Research Spectrum

Nihar Ranjan Chakraborty

Acted as Repporteur of "Technical session- 8, Theme 3: Genetics and biotechnological improvement for new yield frontiers" in the National seminar on Agriculture and Bio-Security in Changing scenario organized by Department of ASEPAN (Agronomy, Soil Science and Agricultural Chemistry, Agricultural Engineering, Plant Physiology and Animal Science), Palli Siksha Bhavan(Institute of Agriculture), Visva- Bharati, Sriniketan, West Bengal during 1-3, February, 2014.

19-20 March, 2014 Participated as a Speaker in the workshop on "Plant Diversity: Utilization and Climate Change" organized by Visva-Bharati, Santiniketan held at Lipika Auditorium.

25 March 2014 Acted as a member of organizing committee of Awareness programme on "Protection of Plant Varieties and Farmers' Right Authority" organized by Genetics & Plant Breeding Section, Department of Crop Improvement Horticulture and Agricultural Botany, Palli Siksha Bhavana Visva-Bharati, Sriniketan.

Acted as reviewer of research papers: Greener Journals and Agricultural Research Journals (ARJ)

Life member of the following:

Indian Science Congress Association (ISCA)

Association for Plant Breeding and Improvement (APBI), Kolkata

Publications (Published during April 2013 - March 2014)**Partha Sarathi Muni**

Mohapatra, S. K., Muni, P. S. and Mahapatra, P.N. (2013) Effect of Integrated Nutrient Management on Growth, Yield and Economics of Broccoli (*Brassica oleracea* L. var. *italica* Plenk.), *Vegetable Science*, 40(1): 69-72 (ISSN 0970-6585) 20-21 December 2013 Deb, P., Muni, P. S. and Bhowmick, N. (2013) Quality Evaluation of Some Jackfruit (*Artocarpus heterophyllus* L.) Genotypes of Eastern and North Eastern India, In: *Proceedings of 2nd International Symposium on Minor Fruits and Medicinal Plants*, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka, Page-19 (ISBN 978-955-1507-29-9). Muni, P. S., Mandal Sanjib and Deb, P. (2013) Effect of Stage of Harvest, Storage Temperature and Packaging on Shelf life and Quyality of Carambola (*Averrhoa carambola* L.), In: *Proceedings of 2nd International Symposium on Minor Fruits and Medicinal Plants*, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka, Page-41 (ISBN 978-955-1507-29-9). Mandal Sanjib, Muni, P. S. and Deb, P. (2013) Fruiting Behaviour, Fruit Growth and Development of Carambola (*Averrhoa carambola* L.) under Red and Lateritic Areas of Eastern India, In: *Proceedings of 2nd International Symposium on Minor Fruits and Medicinal Plants*, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka, Page-52 (ISBN 978-955-1507-29-9).

Snehasish Chakravorty

Prasad, B. V. G., Chakravorty, S.; Saren, B. K. and Panda, D. (2014). Effect of mulching on pod yield and yield attributing characters of French bean (*Phaseolus vulgaris* L.). *Life Science International Journal*. 1(1):328-330. (ISSN 2347-8691)

Prasad, B. V. G.; Chakravorty, S. and Deb, P. (2014). Food, Nutritional and Aesthetic security for Future India by Horticulture. *Life Science International Journal*. 1(1): 321-324. (ISSN 2347-8691)

Joydip Mandal, V. K. Dhangra and S. Chakravorty. 2013. Evaluation of Vegetable Amaranth under Hot Summer Growing Condition. *HortFlora research Spectrum*, 2(4): 352-355. (ISSN 2250-2823).

Abstracts:

Prasad, B. V. G.; Chakravorty, S.; Saren, B. K. and Panda, D. (2013). Effect of mulching on growth and yield of French bean (*Phaseolus vulgaris* L.). *International Conference on Global Crisis and Environmental Governance in Northeastern Region of India*, pp: 43. (ISBN 978-81-908302-6-3).

22-23 November, 2013 Prasad, B. V. G., Chakravorty, S. and Deb, P. (2013). Bio-degradable mulches in vegetable crops-an eco-friendly approach. *National Seminar on Environmental Issues: Protection, Conservation and Management*, pp. 15-16. Prasad, B. V. G., Chakravorty, S. and Deb, P. (2013). Organic cultivation of vegetable crops-a case study. *National Seminar on Environmental Issues: Protection, Conservation and Management*, pp.15-16.

1-3 February, 2014 Prasad, B. V. G., Chakravorty, S. and Deb, P. (2014). Effect of post harvest treatments and packaging and storage conditions on shelf life of French bean. *National seminar on Agriculture and Bio-Security in changing Scenario*, pp. 5.

Goutam Mandal

6-9 December 2013 Mandal G., Mathur, R.K. and Pal, A. 2013. Evaluation of elite palm in commercial plantations of oil palm in Andhra Pradesh (Published Abstract) In: 5th Indian Science Congress held at Visva-Bharati, Santiniketan organized by M. S. Swaminathan Research Foundation, Chennai.

Joydip Mandal

Joydip Mandal, V. K. Dhangra and S. Chakravorty. 2013. Evaluation of Vegetable Amaranth under Hot Summer Growing Condition. *HortFlora research Spectrum*, 2(4): 352-355. ISSN 2250-2823.

Joydip Mandal, Chinanshuk Ghosh and G. N. Chattopadhyay. 2013. Proportional Substitution of Chemical Fertilizers with Vermicompost on Growth and Production Potential of Onion (*Allium cepa* L.). *International Journal of Bio-resource and Stress management*, 4(2) special: 356-357, 2013. Print ISSN 0976-3988 Online ISSN 0976-4038.

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Prahlad Deb

Deb, P. and Bhowmick, N. (2013) Physico-chemical Properties of Burmese grape (*Baccaurea sapida* Muel. Arg.) - An Underutilized Fruit Crop of West Bengal, *International Journal of Agriculture & Food Science Technology*, 4(5): 415-420 (ISSN: 2249-3050)

Bhowmick, N., Deb, P. and Pradhan, S. (2013) Changes in Physico-chemical Attributes of Burmese grape (*Baccaurea sapida* Muel. Arg.) During Growth and Development, *International Journal of Bio-resource and Stress management*, 4(2): 179-181, (Print ISSN 0976-3988 Online ISSN 0976-4038)

Prasad, B. V. G., Chakravorty, S. and Deb, P. (2014). Food, Nutritional and Aesthetic security for Future India by Horticulture. *Life Science International Journal*. 1(1): 321-324. (ISSN 2347-8691)

Technical Bulletin:

De, L. C., Deb, P., Chhetri, G., Medhi, R.P. and Pokhrel, H. (2013) *Post Harvest Technology in Orchids*, Published from National Research Centre for Orchids, Pakyong, Sikkim.

Proceedings in international level:

12-14 September 2013 Deb, P (2013) Composite roof top garden, a different thinking for urban people in: *Proceedings of 4th International Conference on Landscape and Urban Horticulture*, In: *Proceedings of 4th International Conference on Landscape and Urban Horticulture*, , ISHS, Science City, Kolkata, P-0303

20-21 December 2013 Deb, P., Munsu, P. S. and Bhowmick, N. (2013) Quality Evaluation of Some Jackfruit (*Artocarpus heterophyllus* L.) Genotypes of Eastern and North Eastern India, In: *Proceedings of 2nd International Symposium on Minor Fruits and Medicinal Plants*, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka, Page-19 (ISBN 978-955-1507-29-9). Munsu, P. S., Mandal Sanjib and Deb, P. (2013) Effect of Stage of Harvest, Storage Temperature and Packaging on Shelf life and Quyality of Carambola (*Averrhoa carambola* L.), In: *Proceedings of 2nd International Symposium on Minor Fruits and Medicinal Plants*, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka, Page-41 (ISBN 978-955-1507-29-9). Mandal Sanjib, Munsu, P. S. and Deb, P. (2013) Fruiting Behaviour, Fruit Growth and Development of Carambola (*Averrhoa carambola* L.) under Red and Lateritic Areas of Eastern India, In: *Proceedings of 2nd International Symposium on Minor Fruits and Medicinal Plants*, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka, Page-52 (ISBN 978-955-1507-29-9).

Abstracts in national level:

1-3 February, 2014 Deb, P., Chakravorty, S. and Bhowmick, N. (2014) Antioxidant Properties of Some Banana Genotypes, National seminar on Agriculture and Bio-Security in changing Scenario., pp. 10.

Deb, P. Chakravorty, S., Sangma, D. K., Tirumalesh, M. and Mohanta, S. (2014) Climate Change vs. Yield and Quality of Major Horticultural Crops - an Eastern Indian Context, National seminar on Agriculture and Bio-Security in changing Scenario, pp. 5. Shangpliang, M.M., Chakravorty, S. and Deb, P. (2014) .Value Addition in Floricultural Products, National seminar on Agriculture and Bio-Security in changing Scenario, pp. 13

Paresh Chandra Kole

Kole, P.C. and Saha, A. 2013. Studies on variability and heritability for different quantitative characters in fenugreek grown under different environments. *J. Plant Breeding & Crop Science.*, 5 : 224-228.

Amitava Paul

Singh, Naorem Brajendra; Paul, Amitava; Wani, Shabir Hussain and Laishram, Joykumar Meitei. 2013. Heterosis studies for quality traits in tomato (*Solanum lycopersicum* L.) using bacterial wilt tolerant and high yielding varieties. *J. Pl.Sc. Res.*, 29(1): 111-118.

6-9 December, 2014 Chakravorty, N. R. and Paul, A. 2014. Impact of Global Climate Change on Agriculture Abstract: 5th Indian Youth Science congress: Leading Mind into Ever - widening Thought and Action organized by M. S. Swaminathan Foundation and Visva- Bharati, Santiniketan, West Bengal pp 20.

Nihar Ranjan Chakraborty

11-13 November, 2013 Chakraborty, N. R. and Duary, B. 2013. Utilization of some weeds as Medicine by the local people of Birbhum district, West Bengal, India. Abstract: International Conference on Harmony with nature in context of ecotechnological intervention and climate change (HARMONY-2013) held during organized by Department of Zoology, Environmental Science & Biotechnology, DDU Gorakhpur University, Gorakhpur, U.P. & National Environmentalists Association, Ranchi, Jharkhand, PP 168.

22-23 November, 2013 Chakraborty, N. R. 2013. Environment friendly approach to improve rice germplasm for food security. Abstract: National seminar on environmental issues: Protection, Conservation & Management organized by Department of environmental studies, Visva-Bharati, & Institute of Public health engineers, India PP 51.

6-9 December, 2014 Chakraborty, N. R. and Paul A. 2014. Impact of Global Climate Change on Agriculture Abstract: 5th Indian Youth Science congress: Leading Mind into Ever - widening Thought and Action organized by M. S. Swaminathan Foundation and Visva- Bharati, Santiniketan, West Bengal pp 20.

1-3 February, 2014 Chakraborty, N. R. 2014. Nature of genetic divergence in induced mutants of aromatic non-basmati rice. Abstract: National seminar on Agriculture and Bio-Security in Changing scenario held during organized by Department of ASEPAN (Agronomy, Soil Science and Agricultural Chemistry, Agricultural Engineering, Plant Physiology and Animal Science), Palli Siksha Bhavan (Institute of Agriculture), Visva- Bharati, Sriniketan, West Bengal pp 17 (Theme-3).

Chakraborty, N.R. and Duary, B. (2014). Utilization of some weeds as medicine by the local people of Birbhum district, West Bengal, India. International Journal of Bio-Resource and Stress management 5(1):148-152.

Designing New Course/curriculum or any other teaching innovations introduced by the Department.

Studies on agro-botanical characters of different vegetables, flowers and other crops are going on which will help identify suitable genotype(s) for direct use as variety and/ or indirect use in cross-breeding programme for utilization of heterosis effect in F1 generation or isolation of promising segregants in advanced generation of inbreeding. 'On Farm' trials on improved agro-techniques on fruit, vegetable and aromatic crops are going on as method as well as result demonstrations to the growers.

"Horticulture Research and Demonstration Unit" has been developed for doing research on Horticulture; the same unit is useful for various field-based practical at UG & PG level and imparting training to different groups of farmers on horticultural crops.

Dr. Joydip Mandal developed and maintaining a "Demonstration Plot", which is proved highly useful for taking UG and PG practical classes and hands on training. And also imparting training to farmers' on various aspects of horticulture.

Besides most of the faculty deliver power point presentation, supply handouts and study materials and arrange class room seminar etc.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development.

The Department of CIHAB, comprising three distinct disciplines viz. Genetics & Plant Breeding, Horticulture and Agricultural Botany, started functioning from 1989. Since its inception, the department offers various courses on Genetics & Plant Breeding, Horticulture and Agricultural Botany at U. G. level. The P. G. Programme in Horticulture started from the academic session of 1997-98 with an intake capacity of seven students per year. Besides the U. G. and P. G. courses, the faculty members of the department are also actively engaged in guiding students in research work leading to Ph. D. degree and extension activities. The faculty members conducted special classes exclusively for the purpose of JRF and guided final year B.Sc. (Ag.) Honours students for ICAR, JRF.

Any other relevant information, which in the opinion of the Head of the Department is worth reporting should be included.

Some improved techniques for vegetative propagation of some fruit crops have been developed. Integrated Nutrient Management for some fruits, vegetables, flowers and medicinal plants have been standardized. Trials on organic farming and post harvest management of different horticultural crops are going on. Facility created for Hi-tech. Horticulture with special reference to micro-irrigation, poly houses etc. The department has planned to start PG programme in Genetics & Plant Breeding and to set up modern and well-equipped laboratories for Molecular Breeding and Post-Harvest Technology.

DEPARTMENT OF AGRICULTURAL EXTENSION, AGRICULTURAL ECONOMICS AND AGRICULTURAL STATISTICS (EES)

The Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics (EES) was created in the year 1989 as one of the four departments of the Institute of Agriculture (PSB). All the three important activities viz. teaching, research and extension have been undertaken by this department. The department offers Master degree programme in the subject of Agricultural Extension and Ph.D. programmes in the areas of Agril. Extension, Agril. Economics and Agril. Statistics. Agricultural Economics and Agricultural Statistics divisions of the department also cater the need of minor and supporting courses related to Economics and Statistics in various M. Sc. (Ag.) programmes of other departments of the Bhavana.

Presently, most of the faculty members of the department are also involved in innovative multi-disciplinary and multi-institutional research work by undertaking various projects in collaboration with national and international institutes. Following the ideas of Gurudeva Rabindranath Tagore and L.K. Elmhirst, the department is performing commendable work in rural extension activities, catering the training needs of farmers, farm-women and rural youths of this region. The department also imparts training to students, scientists, extension personnel and other Govt. Officials besides carrying out the Rural Agricultural Work Experience (RAWE) programme for the under graduate students. Farmers-Scientists meeting cum Village Camps are organised every year to get acquainted with the farmers' problems and to find a solution through participatory research and extension.

The department has organized a 2-day National Conference on "INFERENCE FOR STOCHASTIC PROCESS - RECENT TRENDS AND IDEAS" during 21-22 February, 2013. The idea of holding such conference was to create a platform where the scientists from other fields of study can interact with each other and with the scientists from the field of Statistics to discuss the types of problems they are facing in analyzing their experimental data sets. During these two days of the conference 6 invited talks and 20 contributed talks were delivered. About 50 participants from different Universities, Colleges and Research Institutions of India participated in the national Conference. Participants enjoyed the conference to a great extent and expressed their happiness with the standard of the lecturers delivered.

Detailed report on Extension activities for the year 2013-2014: Some New Initiatives:

It has been observed that in this area of Birbhum there is a huge deficit of vegetable production during the rainy season and the price of different vegetable is also very high during that time. It has also been found that most of the arable land is being used to cultivate rice in the kharif season. As a result, the production of vegetable is less than that of the required demand. This department has taken initiative to increase the production of vegetables by increasing the habit of the local farmers to grow vegetables and by increasing the area of cultivated land under vegetables through its extension programme. This year we have covered 14 neighbourhood villages for the purpose of distributing Oil seeds (Mustard - variety: B-9) and Pulse seeds (Lentil - variety : Ranjan) and (Gram - variety : Mahamaya). A total of 95 farmers have been helped by providing with such seeds. In another effort, farmers were given 2100 saplings of winter vegetable crops - Cauli flower (variety : Snow ball), Cabbage (variety : Snow ball), Tomato (variety : G.K.). In the demonstration plot of the department, vegetables like ridge gourd, cowpea (Barbati), Indian Beans (Sim), lady's finger were sowed on experimental basis and under control environment. The results were quite encouraging. In the coming year we shall conduct more experiments on the farmers' field with more emphasis encompassing more farms land.

Only National and International standard Conference / Seminar / Workshop / Exhibition etc. attended by Teachers (in details)

Debasis Bhattacharya
(Head of the Department)

18-19 October, 2013: Attended the 4th International conference on Management Systems, organized by JSPM's AICA, Pune.

Souvik Ghosh

1-3 February, 2014: National Seminar on Agriculture and Bio-Security in Changing Scenario, organized by the Department of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, presented Lead Paper on 'Participatory irrigation management: A reform for efficient on-farm water management'.

Bidhan Chandra Roy

8-9 November, 2013: National Seminar on Agri-Business Potentials for the North Eastern States organized by School of Social Sciences, College of Post Graduate Studies, Central Agricultural University, Umiam, Meghalaya presented a paper and chaired a technical session on Agri-Business Management: Policy Issues. Also acted as a rapporteur for one technical session and the plenary session.

6-9 December, 2013: 5th Indian Youth Science Congress on Leading Mind into Ever-widening Thought and Action organized by Visva-Bharati, Santiniketan and M S Swaminathan Research Foundation, read a paper and also acted as a co-coordinator for the Panel Discussion on Young Scientists' Vision on Scientific Excellence.

Debashis Sarkar

8 March, 2014: National Seminar on "Relevance of Swami Vivekananda in the Present Time" organized by Deshabandhu Mahavidyalaya, Chittrranjan, Burdwan; made a presentation on 'Swami Vivekananda and Rabindranath'. Also chaired a session.

12 February, 2014: National Level Consultation Meeting on "Impacts of FDI and FTA on Small and Marginal Family Farmers" organized by FAO & UNO, Ahmadabad Management Association, ATIRA Campus, Dr. Vikram Sarabhai Marg, IIM-A Road, Vastrapur, Ahmedabad-380015; read a paper on 'Family Farming in West Bengal'.

2-3 August, 2013: UGC sponsored National seminar on "Human Rights: Challenges, Role of National Service Scheme" organized by Deshabandhu Mahavidyalaya, Chittraranjan, Burdwan; made a presentation on 'Challenges Human Rights in India',. Also chaired a session.

Siddhartha Dev Mukhopadhyay

1-3 February, 2014: National Seminar on Agriculture and Bio-Diversity in Changing Scenario, Organized by Deptt. Of ASEPAN, PSB, V.B. - read three papers on 'Farmers' Perception about Integrated Nutrient Management' 'Impact of Training by KVK Towards Development of Tribals in Odisha' and 'Pesticide Application - Contribution to Hazards for Human Health and Agro-Climate : A Futuristic Approach'.

21 - 22 February, 2014: National Conference on Inferences on Stochastic Process - Recent Trends and Ideas,. 6 - 9, December 2013: Participated 5th Indian Youth Science Congress, held at Visva-Bharati during,

(Ms.) Anindita Saha

1-3 February 2014: National Seminar on Agriculture and Bio-security in changing scenario, organized by Department of ASEPAN, PSB, Visva-Bharati, Sriniketan, from made a presentation on ' Social methods in natural resource management research'.

24-26 February, 2014: International Conference on Environmental Biology and Ecological Modelling, organized by Department of Zoology, Visva-Bharati, made presentation on Coping with climate change through indigenous knowledge of rural women.

8 March, 2014: National Seminar on Status of Land resources: Challenges and Solutions, organized by Department of Rural Sociology and Community Development, Balwant Vidyapeeth Rural Institute, Bichpuri(Agra), made a presentation on ' Soil and water conservation under different situation'.

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Digvijay Singh Dhakre

6-9 December 2013: 5th Indian Youth Science Congress, organized by Visva-Bharati, Santiniketan & M. S. Swaminathan Research Foundation, Chennai made a Presentation on Price Behavior of Potato in Agra Market - A Statistical Analysis
1-3 February, 2014: National Seminar on Agriculture and Bio-Security in Changing Scenario, organized by the Department of ASEPAN (Agronomy, Soil Science, Agricultural Engineering, Plant Physiology and Animal Science), Palli Siksha Bhavana, Institute of Agriculture, Visva-Bharati, Sriniketan, W.B. made a Presentation on Potato Price Forecasting in Different Markets of India using ARIMA Model.

Bitan Mondal

8th to 9th November, 2013: National Seminar on 'Agribusiness Potentials for the North-Eastern States', organized by college of post graduate studies, CAU, Imphal from delivered an oral presentation on 'Impact of ASEAN-India Free Trade Agreement on Indian Dairy Imports: A Simulation Exercise'

9th December, 2013: 5th Indian Youth Science Congress on 'Leading mind into ever widening thought and action' organized jointly by MSSRF & Visva Bharati at Visva Bharati, Santiniketan from 6th to delivered an oral presentation on 'Impact of ASEAN-India free trade agreement on Indian dairy market'

21-22 February, 2014: National Conference on "Inference for Stochastic Process-Recent Trends and Ideas" held on at Department of EES, Institute of Agriculture (PSB), Visva-Bharati, Sriniketan. Part of the core organizing committee member in the capacity of joint organizing secretary.

Ongoing Research Projects in the Department - 2013-2014:

Dr. Siddhartha Dev. Mukhopadhyay

Name of the : Intensive Sugarcane Development Project (ISDP)

Sponsored Agency : Deptt. Of Agriculture, Govt. of W.B.

Annual sanctioned : Rs. 7,41,000/- (2013 - 2014)

Duration: Running since 1984 (year to year sanction)

Academic Distinction gained by Teachers / Scholars or the Department as a whole

Debasis Bhattacharya:

Editorial Responsibility:

Editor of the Journal "Stochastic Modeling and Applications"

Managing Editor of "International Journal of Statistics and Management System"

Associate Editor' Journal of the Indian Society of Probability and Statistics

Referee /Reviewer of the journals:

Statistics and Probability Letters (Elsevier)

Journal of Statistical Planning and Inference (Elsevier)

Journal of Multivariate Analysis (Elsevier)

Communication in Statistics; Theory and Methods (Taylor and Francis)

Naval Research Logistics (Wiley)

Journal of Applied Statistics

Sankhya (Springer)

Model Assisted Statistics and Applications (IOS Press)

Membership of Learned Society:

The American Statistical Association, USA

The Institute of Mathematical Statistics, USA

Indian Statistical Institute,

Member of West Bengal State Implementation Committee for state Libraries

Calcutta Statistical Association,

Indian Science Congress Association,
Indian Association for Productivity, Quality and Reliability.

Bidhan Chandra Roy

Editor, International Journal of Social Science, New Delhi
Referee, Agricultural Economics Research Review, New Delhi
Reviewer, Economic Affairs, New Delhi
Referee, International Journal of Social Science, New Delhi
Lifetime Member, Indian Society of Agricultural Economics, Mumbai
Lifetime Member, Agricultural Economics Research Association, New Delhi

Sumit Kumar Sori

Life Member of "Indian Society of Agricultural Economics", Mumbai, India, 2013.
Life Member of "Agriculture Economic Research Association", New Delhi, India, 2013.
Publications in National and International journals/Books with ISBN/Chapter of an edited book with ISBN (April 2012 to March 2012)

Debasis Bhattacharya

Research Publications:

A General Rule for Optimally Allocating Redundant Components in a Coherent System,
American Journal of Mathematical and Management Sciences, Vol. 32, No.2,
pp.101-117, 2013, ISSN 0196-6324, (DOI:10.1080/01966324.2013.830236), (Taylor & Francis)
An Optimal Policy for Solving a Generalized Problem of Constrained Redundancy
allocation in Coherent Systems, American Journal of Mathematical and
Management Sciences, Vol.32, No.4, pp.210-227, 2013, (Taylor and Francis), ISSN 0196-6324 (Print), 2325-
8454(online).
Optimal Redundancy Allocation Rule for Improving System Life (Journal of
Uncertainty Analysis and Applications 1:14, pp.1-9, 2013, (Springer) DOI:10.1186/2195-5468-1-14, ISSN 2195-
5468

Book Chapters:

On Selection of the Best System Component in a Profit Maximizing Redundancy
Allocation Problem (2013), Management Systems, Chapter 5, pp.21-28, Eds. Sabita
Pathak, Sarika Sharma, Neha Tejawani, Wright Academic Press, Pune, Maharashtra, India
(ISBN: 978-3-8443-1537-84)

Sarthak Chowdhury

Publications

Article in Journal

'Knowledge level of resource poor farm women of coastal eco-system in livestock management: An empirical assessment',
Asian Journal of Extension Education, Vol. 31, 2013: 53-57. ISSN: 0971-3115.

Articles in Book Chapters

'Dissemination of farm technologies for poor farmers', Some Empirical Aspects of Economic Growth and Diversification
in India's Emerging Economy ed. Pranab Kr. Chattopadhyay, New Delhi: New Delhi Publishers, 2014: 149-154. ISBN:
978-93-81274.

'Field level constraints as experienced by the vegetable growers regarding proper use of pesticides in vegetable cultivation',
Some Empirical Aspects of Economic Growth and Diversification in India's Emerging Economy ed. Pranab Kr.
Chattopadhyay, New Delhi: New Delhi Publishers, 2014: 331-342. ISBN: 978-93-81274.

Ch-II

Souvik Ghosh

PUBLICATIONS

Articles in Journals

'Unraveling the spatio-temporal pattern of irrigation development and its impact on Indian agriculture', *Irrigation and Drainage* (Wiley-Blackwell), 2014, Vol. 63, No. 1, pp. 1-11. ISSN: 1531-0353.

'Trends in irrigation development and its impact on agricultural productivity in India: A time series analysis', *Agricultural Situation in India*, 2014, Vol. 69, No. 11, pp. 13-20. ISSN: 0002-1679.

'Performance evaluation of a rehabilitated minor irrigation project and augmentation of its water resource through secondary storage: A case study', *Agricultural Water Management* (Elsevier), 2013, Vol. 128, pp. 32-42. ISSN: 0378-3774.

'Stream flow trends in the Mahanadi River basin (India): Linkages to tropical climate variability', *Journal of Hydrology* (Elsevier), 2013, Vol. 495, pp. 135-149. ISSN: 0022-1694.

'Impact assessment of the farmers' trainings on scaling-up of water productivity in agriculture', *Indian Research Journal of Extension Education*, 2013, Vol. 13, No. 1, pp. 43-47. ISSN: 0972-2181.

'Challenges to food security in India', *Current Science*, 2013, Vol. 104, No. 7, pp. 841-846. ISSN 0011-3891.

Book Chapters

"Water resources management in tropical rainfed agriculture: key to sustainable resource preservation for coming generations", *Advances in extension education and rural development (Volume - I)*, Ed. D. Das Gupta, Agrobios (India), Jodhpur, 2014: 77-88. ISBN: 978-81-7754-150-2

"Indigenous knowledge for managing land and water resources", *Food and Environmental Security: Imperatives of Indigenous Knowledge Systems*, Ed. D. Das Gupta, Agrobios (India), Jodhpur, 2013: 390-394. ISBN: 978-81-7754-509-8

Bidhan Chandra Roy

Papers in Journal

Impact of Rural Livelihood Diversification on Livelihood Security in West Bengal, *Economic Affairs*, Vol. 58, No. 3, ISSN: 0424-2513.

State Budgetary Resources and Agricultural Development in West Bengal, *Economic Affairs*, Vol. 58, No. 4, pp-383-394, ISSN 0424-2513.

Pattern of Rural Livelihood Diversification in West Bengal, *Agricultural Economics Research Review*, Volume 26 (No. 3), Conference Issue, pp-209, ISSN 0971-3441.

Book/Book Chapter

Agri-Business Potential in India with Special Reference to Fruit and Vegetable Processing Industry in Eastern and North-Eastern States, In: Ram Singh, Dibakar Naik and S. M. Feroze (Eds.) *Agri-Business Potential in India: Experiences from Hill States*, EPH Publishers (India), 2014: pp. 81-106, (ISBN: 9789383252213)

Problems and Prospects of Fruit and Vegetable Processing in West Bengal, In: Ram Singh, Dibakar Naik and S. M. Feroze (Eds.) *Agri-Business Potential in India: Experiences from Hill States*, EPH Publishers (India), 2014: pp. 471-492, (ISBN: 9789383252213)

Debashis Sarkar

Articles in Research Journals

Programmes and trends of farm mechanization in West Bengal, India, *International Journal of Advanced Research in Management and Social Sciences*, Vol. 3, No. 1, January 2014. ISSN: 2278-6236.

An economic analysis on costs of farm mechanization in West Bengal, *International Journal of Current Research*, Vol. 6, No. 01, January 2014. ISSN: 0976-833X

Income Inequality, Poverty and Food Security in West Bengal, India; *Journal of Social Science Studies*; Vol. 1, No. 1, January 2014. ISSN: 2329-9150.

Study on extent and pattern of farm mechanization in West Bengal, EPRA International Journal of Socio-Economic and Environmental Outlook, Vol. 1, No. 1, February 2014. ISSN: 2348-4101.

Income Inequality in Rural Economy of West Bengal, India: Economic Affairs; Vol. 58, No. 2, June 2013. ISSN: 0424-2513.

Deprivation of women in education in West Bengal vis-a-vis India; Economic Affairs, Vol. 58, No. 3, September 2013. ISSN: 0424-2513.

Bharatborshe kadhya surokhar chitro O tar porikolpona, Krishi Samachar, Vol. 1, No. 1, September-December 2013. ISSN: 2347-9663.

Comparative economics of oilseeds cultivation: A special reference to sesamum in West Bengal, Discourse journal of Agriculture and Food Sciences; Vol. 1, No.12, December 2013. ISSN: 2346-7002.

State budgetary resources and agricultural development in West Bengal, Economic Affairs; Vol. 58. No. 3, December 2013. ISSN: 0424-2513.

Articles in Book Chapters

"Status and Performance of Agriculture in West Bengal" The Economy of West Bengal: Future Directions for Development eds. A.K. Dey, D. Sarkar, S. Sengupta, New Delhi: New Delhi Publishers, 2014. ISBN: 978-93-81274-56-9.

"An Introductory Note on Economy of West Bengal: Future Directions for Development" The Economy of West Bengal: Future Directions for Development eds. A.K. Dey, D. Sarkar, S. Sengupta, New Delhi: New Delhi Publishers, 2014. ISBN: 978-93-81274-56-9.

Experiences from Hill States eds. R. Singh, D. Naik, S.M. Feroze, Guwahati: EBH Publishers (India), 2014. ISBN: 978-93-83252-21-3.

"Economic Synthesis of Agricultural Indigenous Technologies" Food and Environmental Security: Imperative of Indigenous Knowledge Systems ed. D Das Gupta, Jodhpur: Agrobios (India), 2013. ISBN: 978-81-7754-509-8.

"Women and Development: A Gender Sensitive Analysis in West Bengal" Challenges of Livelihood and Inclusive Rural Development in the Era of Globalization eds. P. K. Chattopadhyay, S. Bhattacharya, New Delhi: New Delhi Publishers, 2013. ISBN: 978-93-81274-25-5

"Study on Regional Pattern of Agricultural Growth in West Bengal" Rural Development in India: Challenges and Prospects eds. M. Ghosh, A.K. Chattopadhyay, New Delhi: Serials Publications, 2013. ISBN: 978-81-8387-592-9.

Book

The Economy of West Bengal: Future Directions for Development Ed. A.K. Dey, D. Sarkar, S. Sengupta, New Delhi: New Delhi Publishers, 2014. ISBN: 978-93-81274-56-9.

Siddhartha Dev Mukhopadhyay

Farmers' Adoption Behaviour in Relation to Chemical, Cultural and Biological Plant Protection - A Study in Purba Medinipur District of West Bengal, Journal of Extension Education, 2013, Vol. - XVIII, No. 1, pp. 53 - 60. ISBN - 0976-8246.

(Ms.) Anindita Saha

Articles in journal

Role of women in tea gardens- A case study in Dooars', International journal of Bio-resource and Stress Management, 4: 1, 2013, 077-083, Pushpa Publishing House, Kolkata, ISSN: 0976-3988, ISSN:0976-4038

Greening the Tertiary Education System with the Essence of Environmental Ethics, Research Journal of Agricultural Sciences 4(4): 567-568, May-June (2013), Awantipora, J&K, ISSN: 0976-1675 DI: 1360-13-1106-2013-151

Articles in Book Chapter

'Securing food and environment by organic horticulture', Food and Environmental Security- Imperatives of Indigenous Knowledge System, Ed. D. Das Gupta, Agrobios, Jodhpur, 2013, 241-263, ISSN No. (13): 978-81-7754-509-8,

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Indigenous Knowledge-The key ingredient of Environment Security, , Food and Environmental Security- Imperatives of Indigenous Knowledge System , Ed. D. Das Gupta, Agrobios, Jodhpur, 2013, 188-196, ISSN No. (13): 978-81-7754-509-8

Indigenous Knowledge in ensuring rural food security: A case study of Angul District, Odisha, , Food and Environmental Security- Imperatives of Indigenous Knowledge System, Ed. D. Das Gupta, Agrobios, Jodhpur, 2013, 197-201, ISSN No. (13): 978-81-7754-509-8.

D.S.Dhakre

Articles in Journals

Growth and Instability Analysis of Vegetables in West Bengal; International Journal of Bio-Resource and Stress Management; Vol. 4(3), 2013; 479-482; ISSN 0976-3998.

Economics of King Chilli Cultivation in Dimapur District of Nagaland; Nagaland University Research Journal; Vol.6,8-10, 2013; ISSN 0973-0346

A Study on the Consumption Pattern of N P K in Midnapur District and West Bengal, Environment and Ecology; Vol 32 No 1A, 225-229, 2014; ISSN 09700420

Aspiration of Agriculture Students Towards Agriculture Enterprises in West Bengal: A Case Study of Palli Siksha Bhavana; Indian Research Journal of Extension Education Vol 4(1), 64-67, 2014; ISSN 0972-2181

Price Behavior of Potato in Agra Market - A Statistical Analysis; Indian Research Journal of Extension Education; Vol 14(2),12-15, 2014; ISSN 0972-2181

Articles in Book Chapters

Bamboo: A Profit Venture to Uplift the Socio-Economic Status of North East Region; Natural Resources For Sustainable Agriculture Production; Eds. Amod Sharma, R.Nakhro, S. Das, D. B. Tyagi; Delhi; S. S. Publication; ,113-125; 2013; ISBN 978-81-89812-47-8

Mr. Bitan Mondal

Articles in Journals:

'Strengthening Bilateral Trade Relations between India and Iran: Opportunities in Livestock Sector' Journal of Resources, Energy, and Development, Vol. 10, No. 1, 2013: 39-50 Massoumeh N Zadeh, Bitan Mondal, Smita Sirohi, and Raka Saxena; ISSN 0975-7554

'Factors Responsible for Rice Cultivation Technology Use in Burdwan District of West Bengal' Indian Journal of Agricultural Research, Vol. 47, No. 4, 2013: 329-334. Arindam Nag, Bitan Mondal, Reshmi Singh & R. Roy Barman; ISSN 0367-8245

Articles in Book Chapters:

'Impact of ASEAN-India Free Trade Agreement on Indian Dairy Imports: A Simulation Exercise'; Agribusiness Potentials in India: Experiences from Hill States; ed. Ram Singh, Dibakar Naik & S.M. Feroze; College of Post Graduate Studies, CAU, Imphal; EBH Publishers (India); 2014: 571-581. ISBN: 978-93-83252-21-3

Sumit Kumar Sori

Research paper in Journal:

"Marketing of Paddy in Mahasamund District of Chhattisgarh." Journal of Plant Development Sciences. 5(03):323-327, ISSN 0974-6382.

"An Economic Analysis of Paddy Processing in Mahasamund District of Chhattisgarh." Journal of Interacademia, 17 (03): 583-587, ISSN 0971-9016.

Socio-Economic Benefits of Jatropha Cultivation: Ex-Ante Analysis in Chhattisgarh." Indian Journal of Social Research, ISSN 0019-5656. (Paper accepted for publication in Vol. no 55 issue no. 06).

"Perceived Constraints in the Accessibility of Production, Marketing and Processing of Paddy in Mahasamund District of Chhattisgarh." Economics Affairs. 58(1): 115-120, ISSN 0424-2513

"Socio-Economic Upliftment of Women through Goatry Self Help Group." Journal of Plant Development Sciences, 6(01):121-126, ISSN 0974-6382.

Book:

SHG: An Approach to Women Empowerment in Chhattisgarh. Ed. Sushila Sinha, K.N.S. Banafar, Sumit Kumar Sori. Germany: LAP Lambert Academic Publishing, 2014. ISBN 13: 9783659502484

Any other relevant information, which in the opinion of the Head of the Department is worth reporting:

The department has been able to maintain its records of high performance in teaching, research and extension activities, despite severe constraints faced in terms of space, budget, infrastructure and non-teaching man power. This year five Ph. D students have been awarded Ph.D.Degree. Like previous years, this year also the department has organised many field clinics and training programmes for farmers as well as extension personnel (both on campus and off campus). Prof. Debasis Bhattacharya is acting as a member of State Implementation committee for state libraries. Prof. B. C. Roy has chaired a Technical session of National Seminar on Agri Business Management : Policy issues organized by Central Agricultural University, Meghalaya, in 8-9 November, 2013. Dr. D.S. Dhakre acted as a resource person in a 10 day training programme at the Division of Ag. Economics and Statistics, ICAR Research complex for NEH region, Umiam, Meghalaya during 11th to 20 March, 2013.

DEPARTMENT OF PLANT PROTECTION

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations:- Five

Anuj Mangain (Plant Pathology)

P. Nagmani (Plant Pathology)

D. Chowdhuri (Plant Pathology)

Sabyasachi Pal (Agril. Entomology)

Tarak Brahma Majhi (Agril. Entomology)

National & International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research scholars in details:

N.C. Mandal

1. Attended 5th Indian Youth Science Congress held on 6-9th December, 2013 at Santiniketan, Organized by Visva-Bharati in collaboration with SRM University, MSSRF and RGNIYD.
2. Attend National Symposium on 'Agriculture and Bio-Security in changing scenario' held on 1-3rd February, 2014 at Sriniketan, Organised by Department of ASEPAN, PSB, Visva-Bharati

Kanchan Baral

1. National Seminar on "Agriculture and Bio-security in Changing Scenario" organized by Department of ASEPAN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan from February 1-3, 2014 and presented a paper on "Studies on population dynamics of brinjal fruit and shoot borer, *Leucinodes orbonalis* Guenee in kharif brinjal."
2. National Conference on "International Conference on Environmental Biology and Ecological Modelling (ICEBEM 2014)" organized by Department of Zoology, Siksha Bhavana, Visva-Bharati, Santiniketan from 24-26 February, 2014 and presented a paper on "Ecological parameters on the seasonal abundance and infestation of *Leucinodes orbonalis* in wet season brinjal under North Central Plateau Agro-climatic Zone of Odisha"

Hirak Chatterjee

1. Attended 5th Indian Youth Science Congress held on 6-9th December, 2013 at Santiniketan, Organised by Visva-Bharati in collaboration with SRM University, MSSRF and RGNIYD.
2. Attended National Symposium on 'Agriculture and Bio-Security in changing scenario' held on 1-3rd February, 2014 at Sriniketan, Organised by Department of ASEPAN, PSB, Visva-Bharati
3. Attended National Workshop on "Appraisal cum Data Validation for Nodal Officers of NISAGENET" at Orissa University of Agriculture & Technology, Bhubaneswar - 751003, Orissa during 11-12 November 2013. The main focus in the workshop was on the data upload status with regard to Courses offered, Intake capacity, Students Admitted/Passed and Faculty/Administrative manpower and University Budget of the years 2010-11, 2011-12 & 2012-13.

Ranjan Nath

1. Attended National Seminar on Agriculture and Bio-security in changing senario held on 1st - 3rd February, 2014 Organised by The Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan and presented a paper entitled 'Management of Sheath Blight in Rice through Chemicals in Lateritic Agro-ecological Region of West Bengal'

Palash Mondal

1. Attended 5th Indian Youth Science Congress held on 6-9th December, 2013 at Santiniketan, Organised by Visva-Bharati in collaboration with SRM University, MSSRF and RGNIYD.

2. Attended National Symposium on 'Agriculture and Bio-Security in changing scenario' held on 1-3rd February, 2014 at Sriniketan, Organised by Department of ASEPAN, PSB, Visva-Bharati
3. Attended National training programme on "Advances in Weed Management" at DWSR (ICAR), Jabalpur, M.P. held on 14-23 January, 2014
4. Attended 4th Biopesticide International Conference (BIOCICON 2013) held on 28-30 November, 2013 at Palayamkottai, organised by Crop Protection Research Centre, St. Xavier's College, Tamil Nadu.

Mohan Kumar Biswas

1. Presented research paper in National seminar on "The Legacy of Radhakrishnan: Representing India In The New Global Order, 5th-6th September, 2013 at Vinaya Bhavana (Institute of Education) Visva-Bharati, Santiniketan, W.B., India,
2. Presented research paper in National Seminar on Environmental Issues: Protection, Conservation and Management (NSEI-2013) ,22-23 November, 2013 organized by Centre for Environmental Studies and Integrated Science Education and Research Centre, Visva-Bharati.
3. Presented research paper in 5th Indian Youth Science Congress,6-9,December, organized by Visva-Bharati, Santiniketan, W.B.
4. Presented research paper in National seminar on Agriculture and Bio- security in Changing scenario 2014, 1-3 February'2014 at Palli Siksha Bhavana (Institute of Agriculture),ASEPAN,Visva-Bharati, Sriniketan, 731236 ,West Bengal, India.
5. Presented research paper in International Conference, HARMONY-2013, from 11th-13th November,2013 ,organised by DDU, Gorakpur University, Gorakpur,U.P., India.
6. Participated in International Conference on "Interactions: Rabindranath and Local/Gloval Personalities" Organized by Tagore Studies Unit , Visva-Bharati, Santiniketan,W.B. from 21st March to 24th March'2014.

Bholanath Mondal

1. Attended 5th Indian Youth Science Congress held on 6-9th December, 2013 at Santiniketan, Organised by Visva-Bharati in collaboration with SRM University, MSSRF and RGNIYD.
2. Attended National Symposium on 'Agriculture and Bio-Security in changing scenario' held on 1-3rd February, 2014 at Sriniketan, Organised by Department of ASEPAN, PSB, Visva-Bharati
3. Completed 23rd UGC sponsored 'Refresher course in Environmental Studies (Science) from 18th February - 10th March, 2014 in ASC, Burdwan University.
4. Attended 4th Biopesticide International Conference (BIOCICON 2013) held on 28-30 November, 2013 at Palayamkottai, organised by Crop Protection Research Centre, St. Xavier's College, Tamil Nadu.
5. Attended International Symposium on Role of Fungi and Microbes in the 21st Century - Global Scenario, held on 20-22 February, 2014 at Kolkata, organised by Indian Mycological Society, University of Calcutta.

Swarnali Bhattacharaya

1. Attended and presented poster presentation on Comparative efficacy of Laboratory cultured *Bacillus subtilis* with some commercial insecticides and botanicals against *Spodoptera litura* (Fabricius) in the National level 5th Indian Youth Science Congress on 'Leading Mind into Ever-Widening Thought and Action' held at Visva-Bharati, Santiniketan, West Bengal from 6-9th December, 2013 organized by MSSRF, Visva-Bharati, SRM University and RGNIYD .
2. Attended and presented a paper on 'Effect of some biopesticides on the biology of *Callosobruchus chinensis*' in the National Symposium on 'Agriculture and Bio-Security in the changing Scenario' held on 1-3rd February, Organised by Department of ASEPAN, PSB, Visva-Bharati.
3. Attended ICAR sponsored 10 days short course on 'Detection and Measurement of Insecticide Resistance including Molecular aspects in Insect-Pests' held from September 2-11, 2013 at National Bureau of Agriculturally Important Insects, Hebbal, Bangalore.

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4. Attended and presented a paper on 'Isolation, Preliminary Characterization and Bioefficacy of Secondary Metabolite of locally Isolated Strain of *Bacillus subtilis* against *Spilosoma obliqua*' in the AZRA Silver Jubilee International Conference on "Probing Biosciences for Food Security & Environmental Safety" on 16-18th February, 2014 held at CRRI, Cuttack.

Ongoing research projects in the Department

Hirak Chatterjee

1. Technical Officer of a project entitled 'Bio-efficacy and residue trials of some insecticides fungicides, herbicides and some new generation molecules on different crops' funded by Willowood Chemicals Pvt. Ltd., New Delhi. (Project cost- 18,10,600=00)

Ranjan Nath

1. Principal Investigator of a project entitled 'Bio-efficacy and residue studies of some fungicides on different crops' funded by Willowood Chemicals Pvt. Ltd., New Delhi. (Project cost- 7,48,000=00)

Palash Mondal

1. 'Bioefficacy of Fipronil 80% WG against two important insect pests of rice', funded by Crystal Crop Protection Pvt. Ltd.
2. 'Suitability, impact and performance of Grace Hume-G and Nitro Bloomer -NB on soil and productivity of kharif rice', funded by Grace Bio-Care Pvt. Ltd.
3. 'Bioefficacy of Acephate 75% SP against some major insect pests of rice', funded by Crystal Crop Protection Pvt. Ltd.
4. 'Evaluation of insecticides and fungicides against some insect pests and diseases along with their phytotoxicity on different crops', funded by Crystal Crop Protection Pvt. Ltd.
5. 'Evaluation of insecticides and other pesticides on major pests and diseases of different crops in red lateritic zone of West Bengal', funded by PI Industries Ltd.
6. 'Bio efficacy and Phytotoxicity evaluation of some herbicides and insecticides in different crops against different weeds and insect scenario', funded by Bayer Crop Science Ltd.
7. 'Bio+Phyto toxicity evaluation of some herbicides and fungicides in different crops against different weeds and diseases scenario', funded by Syngenta India Ltd.

M. K. Biswas

1. Associated with the Project "Plant Health Clinic and Management of Crop Diseases" funded by Directorate of Horticulture ,Government of West Bengal ,India.
2. Associated with the Project "Bio+Phytotoxicity Evaluation of some Herbicides and Fungicides in Different Crops Against Different Weeds and Disease Scenario"funded by Syngenta India Ltd.

Bholanath Mondal

1. Suitability, impact and performance of Grace Hume-G and Nitro Bloomer -NB on soil and productivity of kharif rice', funded by Grace Bio-Care Pvt. Ltd.
2. 'Bioefficacy of Fipronil 80% WG against two important insect pests of rice', funded by Crystal Crop Protection Pvt. Ltd.
3. 'Bioefficacy of Acephate 75% SP against some major insect pests of rice', funded by Crystal Crop Protection Pvt. Ltd.
4. 'Evaluation of insecticides and fungicides against some insect pests and diseases along with their phytotoxicity on different crops', funded by Crystal Crop Protection Pvt. Ltd.
5. 'Evaluation of insecticides and other pesticides on major pests and diseases of different crops in red lateritic zone of West Bengal', funded by PI Industries Ltd.

Swarnali Bhattacharya

1. Principal Investigator of a project entitled 'Bio-efficacy and residue trials of some insecticides on different crops' funded by Willowood Chemicals Pvt. Ltd., New Delhi. (Project cost- 18,10,600=00)
2. Co-PI of a project entitled 'Bio-efficacy, phytotoxicity and residue analysis of some herbicides on different crops' funded by Willowood Chemicals Pvt. Ltd., New Delhi. (Project cost- 7,79,900=00)
3. Co-PI of a project entitled 'Bio-efficacy and residue studies of some fungicides on different crops' funded by Willowood Chemicals Pvt. Ltd., New Delhi. (Project cost- 7,48,000=00)
4. Co-PI of a project entitled 'Bio-efficacy of some new generation molecule' funded by Willowood Chemicals Pvt. Ltd., New Delhi. (Project cost- 2,90,900=00)

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department.

Teachers and students of the Department are actively engaged in the extension activities organized by the Institute from time to time and simultaneously the department runs a Plant Health Clinic during office hours on all working days for the benefit of farmers. Telephone advisory services in relation to pest management are also extended to farmers.

Diagnostics and advisory services towards sustainable pest management are extended to Directorate of Agriculture, Govt. of West Bengal and different NGO's. In addition to that the faculty members took part in various training programmes organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati including on-farm training to growers in the surrounding villages and also participated in All India Radio and Television extension programmes . Academic distinctions gained by teachers/scholars of the Department as a whole (like recognition as D.S.A. or C.S.A. etc.)

N. C. Mandal

1. Pandit Jawharlal Nehru Gold Medal award 2014 for "Individual achievement & National Development" (Education and Research) from Global Economic Progress and Research Association, Chennai, Tamil Nadu and felicitated in the International Unity Conference during January 30,2014

Hirak Chatterjee

1. Acting as Head of the Department, Department of Plant Protection, Palli Siksha Bhavana, Visva-Bharati, w.e.f. 15.09.2012.
2. Acting as NODAL Officer, PSB, Visva-Bharati for the Project NISAGENET, ICAR, New Delhi.
3. Acting as Councillor of the Journal of Plant Protection and Environment . OUAT, Orissa, Bhubaneswar since 2007.
4. Referee of the Journals in 'Insect Science' PAU, Ludhiana.
5. Acting as Referee of the Journals in Agricultural Research Communication, Gourav Society, Hissur.
6. Referee of the Journal of Plant Protection and Environment. OUAT, Orissa, Bhubaneswar
7. Paper setter, thesis evaluator and external examiner in CAU, OUAT, UBKV and BCKV and AAU, Jorhat
8. Resource person in ' Krishi Darshan' programme organised by Doordarshan, Santiniketa

Resource person in ' Phone in ' programme organised by 'Akashvani', Santiniketan

Ranjan Nath

1. Best paper presentation award in National Seminar on Agriculture and Bio-security in changing scenario held on 1-3 February, 2014 Organised by The Department of ASEPAN, Palli Siksha Bhavana, Visva-Bharati, Sriniketan
2. Resource person in ' Krishi Darshan' programme organised by Doordarshan, Santiniketan
3. Resource person in ' Phone in ' programme organised by 'Akashvani', Santiniketan

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Palash Mondal

- i. Appointed as an External Examiner of Department of Agril. Entomology, UBKV, Cooch Behar, Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata.
- ii. Editorial Board Member of the Journal of Bio-resource and Stress Management (Print ISSN 0976-3988, Online ISSN 0976-4038).
- iii. Life member of the 'Society for Plant Protection and Environment' and published the 'Journal of Plant Protection and Environment'.

M. K. Biswas

Acting as In-Charge of Placement Cell ,PSB, Institute of Agriculture, Visva-Bharati, Santiniketan

Act as a Phd. Courses coordinator in the Department of Plant Protection.

Chaired a Technical session in the National Seminar on Environmental Issues: Protection, Conservation and Management (NSEI-2013), 22-23 November, 2013 organized by Centre for Environmental Studies and Integrated Science Education and Research Centre, Visva-Bharati.

Act as a Co-Chairman Chaired in the technical session-6 (Biotic, abiotic stress and its management) and in the National Seminar on Agriculture and Bio- security in Changing scenario 2014, 1-3 February '2014 at Palli Siksha Bhavana (Institute of Agriculture), ASEPAN,Visva-Bharati, Sriniketan, 731236 ,West Bengal,

Permanent life member of Indian Phytopathological Society, Division of Plant Pathology, IARI, New -Delhi,India publish the Journal of Indian Phytopathology.

Lifetime member of Indian Society of Mycology and Plant Pathology, Division of Plant Pathology, MPUAT, Udaipur, Rajasthan,India , publish the Journal of Mycology and Plant Pathology .

Lifetime member of the Society for Plant Protection and Environment, OAUT, Bhubaneswar, India. Publish the Journal of Plant Protection and Environment.

Life member of Association for Advancement in Plant Protection, publish the journal in Plant Protection .

Conducted Entrance Examination of Visva-Bharati (VBCAT) for the year 2013.

Act as a Representative of Palli Siksha Bhavana (Institute of Agriculture),Visva-Bharati Sriniketan for counselling of PG courses,ICAR, New Delhi,India, from 24 th June-2013 to 4th July '2013.

Act as a reviewer of the Indian journal of Phytopathology , IARI,New Delhi,India.

Attend as a resource person and deliver lecture on Coconut pests and diseases in Training Programme for the Farmers. Organized by the RKVK, Palli Siksha Bhavana (Institute of Agriculture),Visva-Bharati on 21.10.2013.

Attend farmers club meeting and delivered lecture on Oyster mushroom cultivation techniques at Meharpur village, of Birbhum district on 18.08.2013.

Attend as a resource person and deliver lecture on Rice Diseases and their Management ,Organized NABARD,Kolkata and Palli Siksha Bhavana (Institute of Agriculture),ASEPAN,Visva-Bharati, Sriniketan during National seminar on Agriculture and Bio- security in Changing scenario 2014, 1-3 February'2014.

Bholanath Mondal

Acting as Warden, PSB, Boys' Hostel (Eastern, Middle and Rathindra Hall).

Acted as 'Rapporteurs' in the 5th Indian Youth Science Congress held on 6-9th December, 2013 at Santiniketan, Organised by Visva-Bharati in collaboration with SRM University, MSSRF and RGNIYD.

Appointed as an External Examiner and Paper setter of OUAT, Orissa.

Reviewer of the Journal of Interacademia (ISSN 0971-9016), Academia Journal of Agricultural Research (ISSN 2315-7739), Herald Journal of Agriculture and Food Science Research (ISSN 2350-2193), African Journal of Agricultural Research (ISSN 1991-637X), Journal of Bio-resource and Stress Management (ISSN: 0976-3988), Intercontinental Journal of Microbiology, Agricultural Science Research Journal (ISSN, 2026-6073).

Vice-President and founder member of 'Coochbehar Association for the Cultivation of Agricultural Sciences'. Office: Uttar Banga Krishi Viswavidyalaya, Pundibari, Coochbehar, India.

Lifetime member of 'Crop and Weed Science Society' published the Journal 'Crop and Weed'. Office: Department of Agronomy, F/Ag., BCKV, India.

Life member of 'Eastern India Horticulture and Biotechnology Centre' published the Journal 'Green Technology'. Office: Baharu, South 24 Parganas, West Bengal, India.

Both Founder and Life member of 'Agro-Horticultural Society for Technology and Rural Development'. Office: Vill. + P.O. - Hiranmoypur, Basanti, South 24 Parganas, West Bengal, India.

Both Founder and Life member of 'Organization for Assisting of the Throtling World'. Office: Rajbaripara, Jalpaiguri, West Bengal, India.

Lifetime member of 'Society for Plant Protection and Environment' and published the 'Journal of Plant Protection and Environment'. Office: Department of Entomology, Collage of Agriculture, OUAT, Bhubaneswar - 751 003, Orissa, India.

Life member of 'Indian Society of Soil Biology and Ecology' published the 'Journal of Soil Biology and Ecology'. Office: Dept. of Agricultural Microbiology and Entomology, University of Agricultural Sciences, GKVK Campus, Bangalore - 560 065, India.

Life member of 'Association of Agrometeorologists' published the 'Indian Journal of Agrometeorology'.

Life member of 'Indian Mycological Society' published the 'Journal of Mycopathological Research'. Office: Dept. of Botany, University of Calcutta, Kolkata 700 019, India.

Life member of 'Indian Society of Mycology and Plant Pathology' published the 'Journal of Mycology and Plant Pathology'. Office: Dept. of Nematology, MPUAT, Udaipur 313 001. Rajasthan, India.

Participated and impart training on crop rotation under the programme 'Food security through sustainable agricultural practices' org. by Asansol Burdwan Seva Kendra on 2nd Sept., 2013.

Participated and imparted training on 'Integrated Disease Management in Rabi Crops' under the programme for 'Grass Root Level Extension Functionaries' org. by Rathindra Krishi Vigyan Kendra on 25th Oct., 2013.

Participated and acted as resource person in 'Farmer Scientist Interaction Session' on 'Management Practices for Boro Rice' under National Seminar on Agriculture and Biosecurity in Changing Scenario' held on 3rd Feb., 2014, org. by Dept. of ASEPAN, PSB.

Participated in the Krishi Darshan Programme as expert and delivered lecture on various topics at DDK, Santiniketan.

Swarnali Bhattacharya

1. Act as an External Examinar of College of Agriculture, OUAT, Chiplima, Sambalpur, Orissa and Uttar Banga Krishi Viswavidyalaya, Pundibari, Coochbehar.
2. Life member of 'Society for Plant Protection and Environment', publishing 'Journal of Plant Protection and Environment'. Office: Department of Entomology, College of Agriculture, OUAT, Bhubaneswar - 751 003, Orissa, India.
3. Life member of 'Society for Biocontrol Advancement' published the journal 'Journal of Biological Control'. Office- National Bureau of Agriculturally Important Insects, Bangalore-560024, India.
4. Acted as resource person in "Krishi Darshan" Programme and delivered lecture on 'Insect-pest management of Boro paddy' at Doordarshan Programme, Santiniketan on 9th April, 2014.
8. Publications (Published during April 2013 - March 2014)

N. C. Mandal

1. Mandal, N. C. 2013. Post harvest Pathosystems of Potato and Their Management" In: 34th Annual Conference and symposium on Crop Disease Management : Advances and Challenges , organised by Department of Plant Pathology, N.M. College of Agriculture, Navsari, Gujarat . during 21-23 January , 2013

K. Baral

1. Nayak, U.S., Baral, K, Rath, L.K. and Mandal, P. (2013). Comparative efficacy of some bio-pesticides and botanicals against brinjal shoot and fruit borer *Leucinodes orbonalis* Guenee. J. Interacad. 17(1) : 39-43.

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2. Mondal, P., Mondal, B. N., Chatterjee, H. and Baral, K. (2013). Jute pests and their management . In : Jute Development - Technological interface between tradition and modernity. D. Dasgupta (Ed.) Agrobios (India), Jodhpur, Rajasthan. 124-136.
3. Mandal, D., Bhowmik, P. and Baral, K. (2013). Evaluation of insecticides for the management of Bihar hairy caterpillar, *Spilosoma oblique* Walk. (Lepidoptera : Arctiidae) in Black gram (*Vigna mungo* L.) The Bioscan 8(2) : 429-431
4. Mandal, D., Bhowmik, P., Baral, K. and Chatterjee, M. L (2013). Field efficacy and economics of some insecticides against spotted pod borer (*Maruca testulalis* Geyer) of black gram. Journal of Crop and Weed 9(2) : 177-180.
5. Nayak, U.S., Baral, K, Rath, L.K. and Mandal, P. (2013). Population dynamics of *Leucinodes orbonalis* Guenee infesting kharif brinjal and the influence of weather parameters on its seasonal influence. J. Appl. Zool. Res. 24(2): 129-134.

Hirak Chatterjee

1. S. Pal; Chatterjee, H. and S. K. Senapati. 2013. Bioefficacy and Economics of Biopesticides and Insecticides against Carnation (*Dianthus caryophyllus*) bud borer *Helicoverpa armigera* (Hubner). Indian J. Ecol. 40 (2): 195-200.
2. S. Pal; Chatterjee, H. and S. K. Senapati. 2014. Monitoring of *Helicoverpa armigera* using traps and relationship of moth activity with larval infestation on Carnation (*Dianthus caryophyllus*) in Darjeeling Hills. J. ent. Res. 38 (1): 23-26.
3. T. B. Maji.; S. Pal and H. Chatterjee 2014. Effect of some Botanicals on Biological Parameters of Pulse Beetle (*Callosobruchus chinensis* L.) in pea (*Pisum sativum* L.). The Bioscan. 9 (1): 71-74

Book Chapter

1. P. Mondal, B. Mondal, H. Chatterjee and K. Baral (2014). Jute Pests and their Management. In: Jute Development- Technological Interface between Tradition and Modernity (D. Das Gupta Ed.). Agrobios (India) publisher, ISBN 978-81-7754-526-5, pp 127-140.

Ranjan Nath

1. S. Nandi, A. Adhikari, S. Dutta, A. Chattopadhyaya and R. Nath (2013) Potential effects of plant growth promoting rhizobacteria (*Pseudomonas fluorescens*) on cowpea seedling health and damping off disease control. African Journal of Biotechnology, Vol. 12(15), pp. 1853-1861.
2. S. Nandi, S. Dutta, A. Mondal, A. Adhikari, S. Chaudhuri, R. Nath, and A. Chattopadhyaya (2013) Biochemical responses during the pathogenesis of *Sclerotium rolfsii* on cowpea. African Journal of Biotechnology, Vol. 12(25), pp. 3968-3977.

Palash Mondal

1. A. Konar, N. Johnson Singh, Palash Mondal. 2013. Screening of potato germplasm against aphid and whitefly in gangetic plains of West Bengal. Journal of Entomological Research, 37: 229-232.
2. U.S. Nayak, L.K. Rath, K. Baral and Palash Mondal. 2013. Comparative efficacy of some bio-pesticides and botanicals against brinjal shoot and fruit borer, *Leucinodes orbonalis* Guenee. Journal of Interacademia, 39-43.
3. S. Pal, T.B. Maji and Palash Mondal. 2013. Incidence of insect pest on okra, *Abelmoschus esculentus* (L) Moench in red lateritic zone of West Bengal. The journal of Plant Protection, 5: 59-64.
4. U.S. Nayak, L.K. Rath, K. Baral and Palash Mondal. 2013. Population dynamics of *Leucinodes orbonalis* Guenee infesting kharif brinjal and the influence of weather parameters on its seasonal fluctuation Journal of Applied Zoological Researches, 129-134.

Book Chapters

1. Mondal, B., Mondal, P. and Dasgupta, M. K. (2013). Indigenous Knowledge in Eco-Safe Plant Protection, as an aid to Low External Input Sustainable Agriculture (LEISA) and Biodiversity in West Bengal, India. In: Food and Environmental Security: Imperatives of Indigenous Knowledge Systems (Dasgupta, D. Ed.). AGROBIOS (INDIA),

ISBN: 978-81-7754-509-8, JODHPUR, pp. 65-73.

2. P. Mondal, B. Mondal, H. Chatterjee and K. Boral (2014). Jute Pests and their Management. In: Jute Development- Technological Interface between Tradition and Modernity (D. Das Gupta Ed.). Agrobios (India) publisher, ISBN 978-81-7754-526-5, pp 127-140.

M. K. Biswas

1. M.K.Biswas and Sanjeeb Kuiry (2013). Yield performance of different species of oyster mushroom (*Pleurotus spp.*) under the Agro-ecological condition of Lateritic zone of West Bengal. Int. journal of Bio-resources and Stress Management 4(1) pp-043-046.
2. Soma Bhattacharjee(Biswas),M.K.Biswas and Anindita Saha (2013).Role of women in Tea Gardens: A case study in Doors. Int. journal of Bio-resources and Stress Management 4(1)pp-077-083.
3. P. Pal, M.K.Biswas ,D. Dasgupta and Pinki Pal (2013). Studies on host resistance of mungbean against mungbean yellow mosaic virus in the agro-ecological condition of Laterite zone of West Bengal, The BioScan 8(2).pp-583-587.
4. M. K. Biswas (2013) Influence of environmental factors on the development of *Alternaria* blight of mustard caused by *Alternaria brassicae*. The Ecoscan: Special issue, Vol.IV:139-144.

Book Chapters:

1. M.K. Biswas(2013). Life long Learning for Farmers on oyster mushroom cultivation: Implications of Interventions, In: Food and Environmental Security Imperative of Indigenous Knowledge System, (D.Das Gupta Ed.) Agribious (India), PP- 74-82.
2. Soma Bhattacharjee (Biswas) and Mohan Kumar Biswas (2013). Ethnomycological Knowledge about Macro-Fungi among the Santhal Tribes of Sriniketan-Santiniketan Area, Birbhum, West Bengal India. In: Food and Environmental Security Imperative of Indigenous Knowledge System, (D.Das Gupta Ed.) Agribious (India), pp- 83-87.

Bholanath Mondal

1. Khatua, D. C., Mondal, B. and Saha, G. (2013). Bioassay of some agricultural chemicals, human drugs and disinfectants on *Phytophthora melonis* Katsura causing fruit and vine rot of pointed gourd. The Journal of Plant Protection Sciences, 5(1): 32-36 (Print ISSN 2249-3840, Online ISSN 2249-7897 (Index Copernicus value: 4.51).
2. Khatua, D. C., Mondal, B. and Bhattacharya, R. (2013). Nature of tissue invasion by *Xanthomonas axonopodis* pv. *betlicola* in betelvine. Wesleyan Journal of Research, 6(1): 36-39 (ISSN 0975-1368).
3. Mondal, B., Saha, G. and Khatua, D. C. (2013). Fruit and vine rot of pointed gourd in West Bengal. Research Journal of Agricultural Sciences, 4(1): 44-47 (ISSN 0976-1675). DOI: 1033-12-2703-2012-09.
4. Khatua, D. C., Mondal, B. and Bhattacharya, R. (2013). A selective medium for *Xanthomonas axonopodis* pv. *betlicola*, bacterial pathogen of betelvine. African Journal of Agricultural Research 8 (49): 6388-6393 (ISSN 1991-637X, NAAS 6.0, Impact Factor 0.263). DOI: 10.5897/AJAR2013.8036.
5. Mondal, B., Bhattacharya, I. and Khatua, D. C. (2013). Field performance of some brinjal lines against bacterial wilt disease. Journal of Soil Biology and Ecology 33 (1&2): 77-80 (ISSN 0970-1370, NAAS 2.6)
6. Mondal, B., Bhattacharya, I., Sarkar, A. and Khatua, D. C. (2013). Evaluation of local brinjal (*Solanum melongena* L.) germplasm for bacterial wilt resistance. International Journal of Agricultural and Statistical Sciences 9 (2): 709-716 (ISSN 0973-1903, NAAS 6.2, Impact Factor 0.01)
7. Mondal, B. and Khatua, D. C. (2013). Evaluation of Plaster of Paris and some fungicides for management of foot rot of *Amorphophallus campanulatus* Blume caused by *Sclerotium rolfsii* Sacc. International Journal of Agriculture, Environment and Biotechnology, 6 (4): 585-589 (Print ISSN 0974-1712, Online ISSN 2230-732X, NAAS 4.10). DOI: 10.5958/j.2230-732X.6.4.035.

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Book Chapters :

1. Mondal, P., Palit, S. and Mondal, B. (2012). Population Dynamics and Management of *Lipaphis erysimi* in Mustard Crops. In: Sustainable Agriculture and Environment (Rahim, K. B., Sarkar, D. And Roy, B. C. Eds.). New Delhi Publishers, ISBN: 978-93-81274-12-5, New Delhi, pp. 291-298.
2. Mondal, B., Mondal, P. and Dasgupta, M. K. (2013). Indigenous Knowledge in Eco-Safe Plant Protection, as an aid to Low External Input Sustainable Agriculture (LEISA) and Biodiversity in West Bengal, India. In: Food and Environmental Security: Imperatives of Indigenous Knowledge Systems (Dasgupta, D. Ed.). AGROBIOS (INDIA), ISBN: 978-81-7754-509-8, JODHPUR, pp. 65-73.
3. Mondal, P., Mondal, B., Chatterjee, H. and Boral, K. (2014). Jute Pests and their Management. In: Jute Development- Technological Interface between Tradition and Modernity (Debabrata Das Gupta Ed.). Agrobios (India), ISBN 978-81-7754-526-5. pp 127-140;

Swarnali Bhattacharya

1. Bhattacharya, S.; Dhar, T. and Senapati, S.K. (2014). Entomopathogenic Potentiality of *Bacillus subtilis* against *Spilosoma obliqua* on jute. Green Farming (ISSN 0973-1717, NAAS 4.79). (Accepted)
2. Bhattacharya, S. and Dhar, T. (2014). "Efficacy of botanicals alone and in combination with microbials against *Spilosoma obliqua* on jute". Journal of Plant Protection and Environment. (ISSN 0973-1717, NAAS 2.6). (Accepted)

Designing New Course/curriculum or any other teaching innovations introduced by the Department.

M.Sc.(Ag) in Plant Protection syllabus with semester system revised during 2009-2010 was re-structured during the year 2011-12 based on the expertise of 8 faculties of this department as well as recent recommendation of ICAR. New syllabus for Ph.D. course work has been designed keeping in view of the recent advancement of knowledge in the subject and already introduced successfully.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development.

The Department of Plant Protection was established in 1989 with the amalgamation of two important sections viz. Agricultural Entomology and Plant Pathology. Earlier these two major sections were functioning since 1965 under the Department of Agriculture, Palli Siksha Sadana. However, M.Sc.(Ag) in Plant Protection with specialization in Agril. Entomology and Plant Pathology were offered since 1987. Presently this department offers resident instruction programme in Agricultural Entomology and Plant Pathology comprises undergraduate instruction for the students of Palli Siksha Bhavana and postgraduate instruction leading to M.Sc. and Ph.D. degrees in Plant Protection. The faculty members of this department are actively involved in teaching, research and extensions and published around 400 research papers, review articles etc. in the referred international and national journals, and 6 authored/edited book chapters from Spain, Germany and India. Faculty of the department has got sanctioned 4 major research projects from AVRDC, Taiwan and Horticultural Mission, Govt. of West Bengal. The department provides special emphasis on field oriented practicals and trainings to both UG and PG students as well as Rural Agricultural Work Experience programme to UG students. In addition to that, the faculty members conducted special classes exclusively for the purpose of JRF and guided final year B.Sc. (Ag.) Hons students for ICAR, JRF. The postgraduate students are trained in economic entomology, biocontrol, ecology, toxicology, physiology, taxonomy, mycology, bacteriology, virology, Mushroom pathology and post harvest pathology. Traditional strengths of research in the department had been in economic entomology, toxicology and biological control. At present emphasis is on synthesizing IPM modules for different crops involving bio- agents, cultural practices, host plant resistance and eco friendly chemicals.

Any other relevant information, which in the opinion of the Head of the Department is worth reporting should be included.

Faculties of the department have got sanctioned 4 major research projects from AVRDC, Taiwan and Horticultural Mission, Govt. of West Bengal. Among them one has achieved international recognition after its successful completion.

Credit based Semester system has been incorporated for UG, PG & Ph.D. students in order to make the course curriculum system more flexible. It periodically updates its syllabi according to UGC & ICAR guidelines to incorporate emerging trends of the respective subjects. During the year 2011-2012, M. Sc(Ag) in Plant Protection syllabus was again re-structured based on the experience and expertise of 8 faculties of this department as well as recent recommendation of ICAR. New syllabus for Ph.D. course work has been designed keeping in view of the recent advancement of knowledge in the respective subjects, which has been dully introduced successfully. Besides that, some new technologies w.r.t. sustainable management of brinjal fruit and shoot borer in egg plant, important insect-pests of rice and management of bacterial wilt in a eco-friendly way has been developed., Moreover, new vistas towards mushroom production in a commercial has been developed.

Presently the Department has been planning to establish a dedicated Plant Health Clinic for providing single window solution to the farmers of adjoining areas as well as to set up a well equipped laboratory for conducting need based research at molecular level as well as to carry out basic and strategic research in Entomology & Plant Pathology and to provide services in insect and disease science and technologies.

PATHA BHAVANA
(INSTITUTE OF PRIMARY, SECONDARY &
HIGHER SECONDARY EDUCATION)

'Gurudev Rabindranath came to Santiniketan along with his family more than a century ago. In his perception this place was filled with light, air, joy and peace. his foremost aim was the all round development of students' sense of humanity through the exercise of body, mind and the faculty of intelligence simultaneously. On Poush 7, 1308 B.S. on the occasion of the eleventh annual festival Santiniketan Brahmacharyashrama was established after the Upasana.

The section of Patha-Bhavana, where the children study is called Mrinalini Ananda Pathsala. In this year 2014 the number of students in this section is 105. Of them 57 are boys and 48 are girls. These students have completed their syllabus oriented study and also have taken part in the different cultural programmes of the ashrama, e.g. Sahitya Sabha, Annual Art Exhibition, Annual Sports with great enthusiams.

In the year 2014 the total number of students in Path-Bhavana from Class II to Class XII is 1020.

Total number of resident students :	366
Total number of resident (boys) students :	168
Total number of resident (girls) students :	198
Total number of resident (boys) students :	304
Total number of day scholars (girls) :	350
Total -	1020

In the year 2014 the cumulative result of School Certificate Examination is as follows:

Total number of regular examinees :	137
Total number of examinees, passed :	128
Total number of examinees, passed in the 1 st Div. :	92

In the year 2014 the cumulative result of Pre-Degree Examination is as follows:

Total number of regular examinees :	102
Total number of examinees passed (Humanities) :	54
Total number of examinees passed (Science) :	43

Patha-Bhavana as an institution does not only aim at imparting conventional bookish education. It is for the all round development of the sense of humankind that Tagore established the Ashrama-Sammilani. For more than 100 years in this ashrama-school many different activities of the Ashrama-Sammilani have been going on here along with curriculum based study. Sections engaged with activities in the domain of literature, health, environment, sports, food and Sakha Sangha have completed their activities with efficiency. Sahitya Sabha, programmes on environmental awareness, Bigyan Sabha, Dan Sangraha, Village Survey, Picnic, Gandhi-Punyaha, Teachers' Day, Ananda Bajar and other activities were done successfully. Apart from these there has been spontaneous participation on the part of the students in other cultural programmes organized by Visva-Bharati.

This year the students of Class VIII and Class IX went to Calcutta in a one-day-tour. The students of Class X and Class XI went to Coochbehar and Rajgir on January 5 and January 4 respectively. Class XII went to Bishnupur in a two days' excursion.

On the eighth of January the ex-students of Patha-Bhavana along with the present students staged a cultural programme on the occasion of the 75th Anniversary of Tantipara High School. On 10th January the same cultural programme was staged before the Pradhana the Governor of West Bengal in the evening.

On 18th January 20 students of Class XI participated in a seminar held at Lipika auditorium organized by the Mass Communication Department of Visva-Bharati.

In this year the Sports section of Patha-Bhavana has regularly monitored the physical exercise that the students do in the playground. From 27th-28th January the Annual Sports of Patha-Bhavana and Mrinalini Ananda Pathsala was organized with the help of the Sports Board of Visva-Bharati.

On 9th March Basanta-Abhana was staged on Jawahar Bedi at Amrakunja.

Dona Roy, the ex-student of Patha-Bhavana organized a workshop on digestive system and electricity for the students of Class IX to Class XII.

Archi Roy, a student of Class XI stood first in the recitation competition organised by Kirnahar School, where she recited one of Shakespeare's sonnets.

Surobhi Das of Class VII participated in the under fourteen cricket team of Bengal in the Eden Gardens.

Ritaman Ghosh, a student of Patha-Bhavana, has passed the National Maths Olympiad. He has also got the N.T.S. scholarship.

If we, the teachers, the students and the guardians remain faithful to Tagore's ideals of education, and be earnest to our duties, we can surely reach our goal in near future.

National and International Standard (Conferences / Seminars / Workshops / Exhibitions etc. attended by Teachers in details.

Workshops :-

24-25 March, 2014. National Workshop on 'Value Orientation of Secondary School Teachers and Administrators' organized by Department of Education, Vinay Bhavana, Visva-Bharati. Teachers who attended : Bulbul Konar, Chatrapati Murmu, Nilay Roy, Partha Pratim Roy, Sarada Basu Mukhopadhyay

31 March, 2014. "Science Teaching and Innovations" organized by Department of Physical Science, Patha-Bhavana. Resource persons : Prof. Samar Bagchi and Dr. B. N. Das.

Teachers participated: i) Suchit Chakraborty ii) Bulbul Konar iii) Ruhi Das iv) Sunil Kumar Mondal v) Chhatrapati Murmu vi) Sarada Basu Mukhopadhyay vii) Sasadhar Majhi viii) Ipsha Bandopadhyay

21 March, 2014. "Comets, Meteors and Cosmology" organized by Department of Physical Science, Patha-Bhavana. Resource person : Prof. Soumyo Chakraborty. Teachers of Patha-Bhavana attend as well as actively participated in this workshop.

25 September, 2013. Awareness camp on Tree Plantation and Water Conservation organized by NSS Unit, Patha-Bhavana.

24 September, 2013. Patha-Bhavana organized a workshop on "Thalassaemia" on NSS Day.

Seminar and Paper presentations :

Nilay Ray

Asst. Lecturer, Bengali

22 October, 2013: Participated in the RTI Day Workshop held in Kolkata organized by The Times of India.

16 November, 2013: Participated in the event 'Bengali Poetry at its Best' at Bangio Sahitya Parishad, Kolkata in collaboration with NBT, Govt. of India.

Amitabha Mukherjee

Asst. Lecturer, English

11-12 September 2013. Paper presented at National Seminar on "Swami Vivekananda: Legacy & Legend" organized by Institute of Gandhian Thought & Peace studies, Gandhi Bhawan & UGC - SAP, Dept. of Political Science, University of Allahabad. Title of the paper : Vivekananda & Women Empowerment.

Nirmal Kumar Mahato

Asst. Lecturer, History

7-10 December 2013. Paper presented on "Climate Change, Environmental degradation, Resource Politics and migration in Purulia, a Bengal District", for "The Eleventh Orientation Programme on Forced Migration", organized by Mahanirban Calcutta Research Group in collaboration with the British Deputy High Commission, Eastern India.

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Priti C. Nartiang

Asst. Lecturer, Art & Craft.

5-6 December, 2013. Paper presented on "International Conference on Design, Art and Research, Past, Present and future" Organized by SDPS Women's College in collaboration with PROMOSTYL, Paris, in Indore, MP. Title: "Indigenous Designs of the North Eastern Tribes of India".

20-21 February, 2014. National Seminar on "Impact of Globalization on Tribal Language, Literature and Culture", organized by Assamese, Marathi & Tamil Language Unit of Bhasha Bhavana, Visva-Bharati in collaboration with Central Institute of Indian Language, Mysore. Paper presented: "Globalization: Impact on the Art and Culture of the Khasi and Jaintia Tribes".

Chatrapati Murmu,

Asst. Lecturer, Botany

29 September 2013. Participated in National Seminar in 'Food Security & GM Crop' organized by Department of Botany, Visva-Bharati.

Bodhirupa Sinha,

Principal, Patha-Bhavana

24 -25 March 2014. Presented a paper in the National Workshop on 'Value Orientation of Secondary School Teachers and Administrators' organized by Vinay Bhavana, Visva-Bharati.

Title: "Concept of Value education in Gurudev's Philosophy of Education".

Debmalya Das

Asst. Lecturer, English

16-18 January 2014. Participated in the UGC sponsored national level "Three day Translation Workshop: Stories for Children and Young Adults", organized by D.E.O.M.E.L., Visva-Bharati.

18 -21 February 2014. Participated in National Level translation workshop on "Tagore and Christ", organized by Center for Translation of Indian Literature, Jadavpur University, sponsored by UGC, under U.P.E..

23rd February and 12th March 2014. Orientation programme on "Rabindranath and Santiniketan" organized by Tagore Studies Unit, Visva-Bharati.

21- 24 March 2014. Attended International Conference on "Interactions: Tagore and Global / Local personalities", organized by Rabindra Bhavana, Visva-Bharati.

Extension activities / NSS / Cultural and other activities organized by the department and participated by the Teachers and students of the Department:

Dance Drama 'Chitrangada' was performed by the students of Patha-Bhavana on the auspicious occasion of the Bengali New Year on 15th April 2013.

Students of Patha-Bhavana staged Bankim Chandra Chattopadhyay's 'Ananda Math' in a state level competition of short plays (School level) organized by 'Aneek:' at Yuba Bharati Krirangan, Kolkata to celebrate 175th Birth Anniversary of

Bankim Chandra Chattopadhyay

'Tasher Desh' and 'Ananda Math' were performed during Sharad Utsav on 13th and 14th September 2013.

Different cultural programmes like 'Sahitya Sabha', 'Bichitra Saj' Singing competition for different age groups and many, other activities like 'DanSangraha' and Gram Paridarsan were regularly held by the Ashram Sammilani [unique system for inculcating the values of self governance students, was established by Rabindranath Tagore on 1912].

Seba Bibhag of Patha-Bhavana has gladly contributed almost a number of 130 utensils in "Anganwari Kendra" Bolpur, sent a contribution of Rs. 5000/ through State Bank of India to the Uttarakhand Flood Relief Fund. Contributed books for the needy students nearby schools and also helped the poor people with medicines.

Annual Exhibition of Patha-Bhavana was held on 7th to 10th December 2013 in Nandan Art Gallery with full of paintings, clay works, wood & Metal works and handicrafts made by the students of all age groups.

Blood Donation Camp Cum Certificate Course held on 22.06.13 - 24.06.13.

Blood Donation Camp held on 04.08.13 : Both these camps were organized by the NSS unit of Patha-Bhavana, Visva-Bharati.

Tree Plantation Program was held on 08.08.13 organized by the NSS team of Visva-Bharati, where the students and teachers of Patha-Bhavana participated with full of enthusiasm and courage.

Blood Donation Cum Certificate Examination held on 25.08.13, jointly organized by AVBD, West Bengal and NSS Unit, Patha-Bhavana, Visva-Bharati.

Sathbhavna day pledge was celebrated on 20.08.13 by the students of Patha-Bhavana.

Study Tours were conducted in Coochbehar, Bishnupur, Rajgir and also Kolkata - Jorasanko (as a one day tour).

On 21st and 22nd December 2013 Patha-Bhavana organized Patha-Bhavana's Reunion. Students from all over the world participated and enjoyed this event, it was no doubt a great sharing between Ex-students and the current students of Patha-Bhavana.

Academic Distinction gained by the teachers:

Nilay Ray, Asst. Lecturer, Bengali Qualified the NET June 2013 conducted by UGC. Received the Lifetime Membership of Dravidian Linguistics Association (Regd. S.No.59 of 1971) Trivandrum on 12.08.2013.

Smt. Chaitali Ghoshal, Asst. Lecturer, Home Science passed M.A. in Education from Netaji Subhas Open University in January 2014.

Publications within the year April 2013 - March 2014:

Nirmal Kumar Mahato

Contributed some items in A Dictionary of Historical Places, Ranjan Chakraborty ed, Primus Publication, New Delhi, 2013.

Amitabha Mukherjee

"Society and English Teachers" Language and Society; Number: ISBN: 978-81-921-0-4

"Women Empowerment Through Education" Journal of Education and Development, Vol - 3, No.5. Number: ISSN: 2248 - 9703.

"Swami Vivekananda & his contribution to Education" published in Journal of Education And Development, Vol - 3, No.6. Number: ISSN: 2248 - 9703.

Debmalya Das

"Dastan - E - Harmonium", Ekti Sankshipta Dhvani - rajnaitik Itibritta, Charcha, January 2014: Number. ISSN: 2321 - 1911.

SIKSHA-SATRA (INSTITUTE OF HIGHER SECONDARY EDUCATION)

Departmental Seminar (Speakers, Title of the Seminar, Date) :

Siksha Satra organised a National Seminar on the occasion of 125th Birth Anniversary of Rathindranath Thakur, titled Rathindranath Thakur: A Solitary Personality during November 18-19, 2013 along with an exhibition based on the life and artistic craftsmanship of the great artisan.

National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research scholars in details:

Soumen Sengupta

September 2013: Participated in National Seminar on "Rabindranath Tagore" as a Guest speaker in Dinabandhu Andrews College, Howrah.

February 2014: Participated in National Seminar on “রবীন্দ্রনাটক” as a Guest speaker in Kharagpur College Bengali Department (Post Graduate).

January 2014: Delivered lecture on "Educational Thoughts of Gurudev Rabindranath Tagore" in a Seminar, organized by Burnpur High School.

Krishnendu Dey

29 September 2013: Participated in a seminar on Food Security and G M Crop in the department of Botany Visva-Bharati.

6-9 December 2013: Participated in the Fifth Indian Youth Science Congress held in Visva-Bharati.

Gopinath Mondal

25-26 March 2014: Presented paper titled 'Convective heat transfer of nanofluids at a stagnation-point flow over a stretching/shrinking surface in a porous medium with thermal radiation and non-uniform heat source/sink' in the National Seminar on Recent Perspectives on Nonlinear Mathematics and its Application (RPNMA-2014) held in the Dept. Of Mathematics, Siksha-Bhavana, Visva-Bharati.

21-24 March 2014: Participated in the U.G.C. sponsored International Conference on Interactions: Rabindranath Tagore and Local/Global Personalities at Lipika Auditorium organized by Rabindra-Bhavana.

Shrinibash Ghosh

21-24 March 2014: Participated in the U.G.C. sponsored International Conference on Interactions: Rabindranath Tagore and Local/Global Personalities at Lipika Auditorium organized by Rabindra-Bhavana.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

In January 2013, the students of class XI visited Nainital- Ranikhet- Mukteshwar- Lucknow and classes VI-IX visited Rajgir- Nalanda- Bodhgaya as a part of Educational Tour.

Annual Craft Exhibition of Santosh Pathsala and Siksha Satra was organised during September 7th-10th 2013 at Nandan, Kalabhavan.

The NSS unit of Siksha Satra actively participated in 'Clean Santiniketan, Green Santiniketan' project on March 10, 2013, 'Tree Plantation' project on August 8, 2013, Traffic Control Programme and a seminar on 'Thalassaemia' organised by the NSS Unit of Visva Bharati. The students of class XII also organised a Blood Donation Camp and a Certificate course with the assistance of Association of Voluntary Blood Donors.

On the occasion of Poila Baisakh the students staged Tagore's musical dance drama 'Bhanusingher Padabali' at Sriniketan. They also staged Upendrakishore Roy Chowdhuri's 'Knujo Kanai' and Tagore's 'Natir Puja' during Sharodotsava.

Niladdit Saha, Sankha Roy, Soumik Bannerjee and Sharadindu Mandol as a group received First Prize in Inter School Quiz Competition organised by Nichupatti Nirodbarani High School, Bolpur.

Seba Bibhag, Siksha Satra organised a dental health check-up clinic for the students of Harirampur (tribal village) Primary School and distributed clothes among the villagers.

Swami Vivekananda followers' Youth meet and Ramkrishna Mission Institute of Culture, Golpark organised district level Inter School competition in speech, essay, music and poetry where the students of Siksha Satra made commendable performance and received several prizes.

Srija Dutta, class VI was selected for playing at the National level in Archery competition organised by PYKKA.

Muskan Parveen, Class IX represented Birbhum district in the State level Kho-Kho. Sharmila Tudu, class VIII received Gold medal in Shot Put and Sudipta Mondal Class VII received Bronze Medal in 100 meter Sprint in the state level Athlete Meet organized at Bolpur Stadium.

Publications within the year April 2010 - March 2011

Srinibash Ghosh, 'Narayandev O Sukabiballav Kee eki byakti', Sahityachinta (ISSN-2347-3444) Year 1, Vol-2 2013.

Srinibash Ghosh, 'Manasamangaler Pratham Kabi-Bitarke Alope', Khoyai (ISSN-2319-8389) Vol. 19, Dipabali 2013.

Srinibash Ghosh, 'Nam Bitarke Kshemananda', Sahityachinta (ISSN-2347-3444) Year 1, Vol - 1, 2013.

Dulal Pal, Gopinath Mandal and Kuppapalalle Vajravelu, 'MHD Convection dissipation heat transfer over a non-linear stretching and shrinking sheets in nano fluids with thermal radiation', International Journal of Heat and Mass Transfer 65(2013) 481-490.(Elsevier Journals) Impact Factor: 2.315

Dulal Pal, Gopinath Mandal and Kuppapalalle Vajraavelu, 'Convective-Radiation Effect on Stagnation Point Flow of Nanofluids Over a Stretching/Shrinking Surface with Viscous Dissipation', Journal of Mechanics (2014): 1-9. (Cambridge University Press) Impact Factor : 0.333.

Dulal Pal, Gopinath Mandal and Kuppapalalle Varjavelu, 'Flow and heat transfer of nanofluids at a stagnation point flow over a stretching-shrinking surface in a porous medium with thermal radiation', Applied Mathematics and Computation, 238(2014) 208-224 (Elsevier Journals) Impact Factor : 1.454.

Dulal Pal, Gopinath Mandal, 'Influence of Thermal Radiation on Mixed Convection Heat and Mass transfer stagnation point flow in nanofluids over a stretching-shrinking sheet in a porous medium with chemical reaction', Nuclear Engineering and Design (2014),<http://dx.doi.org/10.1016/j.nucengdes.2014.01.032>. (Elsevier Journals) Impact Factor : 0.950.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.:

Siksha Satra has introduced Higher Secondary section from academic year 2009-10. The School has plans to improve the existing infrastructure for the science students and provide better scope for teacher-student interaction. There are plans to provide platform for the students to bring out their talents in the field of music, fine-arts and other performing arts apart from academic activities. Organizing regular workshops and seminars by the students in different subjects will be a part of the future curriculum of the school.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

Siksha-Satra had started with six students on 1st July, 1924 at Santiniketan in the house of Santosh Chandra Mazumdar who took over the charge of the School under the constant guidance of Rabindranath Tagore and Elmhirst. Referring to the training of students Tagore says, "I tried my best to develop in the children of my school the freshness of their feeling for Nature, a sensitiveness of soul in their relationship with their human surroundings, with the help of literature, festive ceremonials and also the religious teaching which enjoins us to come to the nearer presence of the world through the soul, thus to gain it more than can be measured- like gaining an instrument, not merely by having it, but by producing music upon it."

Siksha-Satra is the natural outcome of some years of educational experiments at Santiniketan and of two years of experience at the Institute of Rural Reconstruction at Sriniketan. Principles upon which it is based are little more than common-sense deductions from the failures and successes of the past. The Poet admits, "I am therefore all the more

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keen that Siksha-Satra should justify the ideal I have entrusted to it, and should represent the most important function of Sriniketan, in helping students to the attainment of manhood complete in all its various aspects. Our people need more than anything else a real scientific training that can inspire in them the courage of experiment and the initiative of mind which we lack as a nation. Sriniketan should be able to provide for its pupils an atmosphere of rational thinking and behavior, which alone can save them from stupid bigotry and moral cowardliness. I myself attach much more significance to the educational possibilities of Siksha-Satra than to the school and college at Santiniketan, which are every day becoming more and more like so many schools and colleges elsewhere in this country: borrowed cages that treat students' minds as captive birds, whose sole human value is judged according to the mechanical repetition of lessons, prescribed by an educational dispensation foreign to the soil. It would indeed give me great joy if Sriniketan could at last make use of its opportunities to realize my dream ...".

Siksha-Satra initially was a residential school for village boys drawn from the neighbourhood. Its aim was to give an all-round training to a number of boys so that after they had completed their training they might go back to their respective villages and carry on the work of rural reconstruction together with the trade they had learnt. At present however Siksha-Satra does not have residential facility.

Future plans:

Siksha-Satra aspires to become one of the leading centers for school education. It envisages some major initiatives like provisions for residential facilities for the students, upgraded games and sports facilities, a self sufficient laboratory unit, structural extension for holding classes, considerably larger teachers room, a language laboratory and a seminar hall.

Residential facilities : One of the pre-conditions for establishing Siksha-Satra was to make it fully residential in nature. Tagore had a vision of establishing a school where young learners will come in close contact with nature and grow up with the guidance of teachers and other members of the Institution. Therefore we have a plan to make Siksha-Satra a fully residential school by providing hostel facilities for about 800 students.

Games complex : Siksha-Satra has a plan to build a separate games complex inside the periphery of the school comprising of a concrete Basketball ground, multi-gymnasium and a football and volleyball ground. The fencing of the Siksha-Satra ground is in progress. Temporary cricket pitch is also set up on the said ground.

Laboratory : Siksha-Satra has plans to develop fully equipped laboratory for Geography, Physics, Chemistry and Life Science to provide learning facility to the students of classes IX to XII. A Gas plant unit for Chemistry will also be set up shortly.

Language laboratory : It has been our long time plan to develop an English language laboratory to provide better learning facility for the students

Computer Laboratory : A fully equipped Computer Laboratory will be set-up for the Senior Students.

Class room : Construction work for a new Building for Santosh Pathasala will start in the near future.

Library : Siksha-Satra has plans to set-up a new Library with all modern facilities for the students of Primary Sections.

Toy Museum : A Toy Museum will be set-up for the K.G. Students of Santosh Pathasala.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included.:

OTHER ACADEMIC CENTRE

RABINDRA-BHAVANA

HISTORY OF RABINDRA-BHAVANA

As a part of birth centenary celebration of Gurudev Rabindranath Tagore in 1961, the construction of Bichitra - the first house on the left in Uttarayana Complex was subsequently named as Rabindra-Bhavana. It signals a land mark event in view of the fact that Rabindra-Bhavana, since its inception is used as repository of Tagore collection and a core centre of Tagore - related research and understanding. Rabindra-Bhavana comprises several units viz. museum, archives, library, audio visual, preservation and garden units. Added to these, Rabindra Charcha Prakalpa-a research project, Lipika Manuscriptorium and Auditorium are two other important facades of Rabindra-Bhavana, adding glow to its luminous brilliance.

At present Rabindra-Bhavana is an integral part and principal constituent of Tagore Memorial Institute, as recommended by High Level Committee, appointed by the Paridarsaka of Visva-Bharati. In tune with the Tagorean concept of Culture, Rabindra-Bhavana is indeed privileged to introduce from the present academic session M.Phil and Ph.D Courses in Culture Studies.

Another redeeming feature which focuses on the multi-cultural dimension of Rabindra-Bhavana is the introduction of a six-month certificate course in Manuscriptology. It may be noted in this context that Rabindra-Bhavana has been recognised as a 'Resource Centre' by National Manuscript Mission.

Name of the Adhyaksha of the Bhavana and Director, Culture & Cultural Relations: Professor Tapati Mukhopadhyay

ACTIVITIES AND ACHIEVEMENTS OF DIFFERENT UNITS OF RABINDRA- BHAVANA IN THE FINANCIAL YEAR 1ST APRIL, 2013 TO 31ST MARCH, 2014:

MUSEUM:

It is indeed encouraging to note that with financial assistance (Rs. 70 lakhs) received from M.P Lad fund of Dr. Barun Mukherjee, Hon'ble M.P. Rajya Sabha we are going to construct "Gitanjali Hall" to commemorate award of the most coveted Nobel to Rathindranath in 1913.

The present Rabindra-Bhavana Museum, renovated and restructured was inaugurated by Sri M.K.Narayanan, Hon'ble Governor of West Bengal and Rector, Visva-Bharati on 6th August, 2012. The museum is the richest repertoire of archival materials related to Tagore and his family with occasional glimpses of other pioneers of 19th century interspersed. The museum is the singular place where rare photographs of Tagore, his paintings, manuscripts bearing mark of his creativity are displayed with utmost care and consideration. Tagore's personal belongings, numerous gifts and mementos received from various countries are displayed. In the renovated museum, 251 objects have been displayed. Apart from regular items, mementoes received from various countries during centenary year and 150th birth anniversary of Tagore have been showcased.

Rabindra-Bhavana Museum is not a mummified reservoir of ancient history or century-old objects, contrarily it describes and displays the journey of a noble soul and one of the most astounding figures of world literature to highest zenith of perfection and maturity. Starting from a chronological chart of Tagore's, early life the illumined panels describe the blossoming of a 'beautiful mind' from childhood, his creative genius giving vent to various forms of literature, his fiery patriotic songs which served as a source of inspiration to the milieu in the heyday of the freedom movement, his rural reconstruction scheme and finally conferment of Nobel, the most prestigious literary award of the world. His cry of anguish for suffering humanity in a war-ravaged world, reflected through his essay 'Crisis of Civilization', has been ventilated in the panels.

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During the last one year, all museum objects have been taken care of with insect-free treatment, backed by use of necessary chemicals; insecticide treatment was applied to entire Uttarayana Complex. The renovated museum is equipped with fire-fighting instruments and other necessary devices to ensure safety and security of museum objects. The digitisation of museum objects is in progress, apart from day to day work.

Another significant milestone achieved in this year is the inauguration of Rathindra Museum in 'Guhaghar' by Shri M.K.Narayanan, Hon'ble Governor of West Bengal and Rector, Visva-Bharati. With a view to pay our tribute to Rathindranath Tagore the 'Unsung Hero', the office cum residence of Rathindranath 'Guhaghar' was converted into a Museum, decked with his portraits, personal belongings, his own handicrafts and other relevant objects. Both the museums are now bustling with multifarious activities. Thousands of visitors, emerging from different parts of India and abroad visit these museums to pay their tribute to the efflorescence of Rabindranath's creativity and artistic ability.

Revenue from Gate Money for the financial year 2013-2014:

April 2013-August, 2013

Adults: Rs. 10x45250 = Rs. 4, 52,500.00

Student: Rs. 5x8737 = Rs. 43,685.00

September 2013-March 2014

Adult: Rs.20x131082 = Rs.26, 21,640=00

Student: Rs.10x33394 = Rs.3, 33,940=00

Foreign: Rs. 100x599 = Rs. 59,900=00

Total = Rs. 35, 11,665.00

No. of Adult visitors : 1, 76,332

No. of Student visitors : 42,131

No. of Foreign visitors : 599

GIFTS RECEIVED BY MUSEUM:

Sl.No.	Name of Donor	Description of material	Acc.no.	Date
1	Jayita Chakrabarti, 3B Vrindaban, 67A, Ballygunj Circular Road Kolkata-700019	1-Spectacle with leather cover. Size 10 cm. 2-Dhoti used by Rabindranath & Rathindranath Tagore Size-107x612cm. 3-Wooden Box cover by Batik leather used by Rathindranath Tagore Size 25.8x11.5x6.8 cm. 4-Wooden Box with inlay work used by Rathindranath Tagore, Size 15cmx10cmx6.5cm, 5-Wooden Pen stand with inlay work by Rathindranath Tagore Size 12x5cmx3.5cm, 6-Small Wooden temple Inside shivalinga Size-12x4.5cm, 7-Tie use by Rathindranath Tagore made in Switzerland Size 120cm.	13,4359.19 13,4360.7 13.4361.10 13.4361.10 13.4363.10 13.4364.10 13,4365.7	1.4.2013
2.	Prof. Udaya Narayana Singh, Rabindra-Bhavana	Rathindranath Tagore & Andre Karpeles Size 27x20x2.3cm Engraving on lead graffiti	13,4369.19	24.6.13
3.	Ananya Srinivasan, Pune	Copy sketch of Rabindranath Tagore, Size 25x18x2.3cm with frame	13.4367.19	24.11.2013

SANTINIKETAN GRIHA MUSEUM:

Santiniketan Griha, the first house built by Maharshi Devendranath Tagore at Santiniketan stands as one of the oldest heritage buildings at Santiniketan. This house was blessed with stay of almost all early stalwarts of Tagore family. The Griha was inaugurated as Museum in December, 2008 by Hon'ble Prime Minister of India and Acharya (Chancellor) of Visva-Bharati, Dr. Manmohan Singh. In June, 2011, it was opened for visitors and is at present a part of Rabindra-Bhavana. This museum is adorned with a permanent exhibition consisting of several panels which highlight various important facades of Tagore's life both thematically and chronologically. From the Visitor's Book it is evident that the museum catered to 2.5 lakh tourists and dignitaries from all over the globe in the year 2013-14. The building had been completely renovated and restored as part of the restoration grant announced by Hon'ble Acharya (Chancellor), Visva-Bharati and Prime Minister of India, Dr. Manmohan Singh at the beginning of the 150th birth celebration year. New captions for almost all curios have been introduced. The building as well as curios is well maintained. Visitors are contended to visit this Museum as is evident from our interactions with them.

ARCHIVES:

Rabindra-Bhavana Archives is presumably the largest repository of Tagore's original manuscripts, correspondence with eminent personalities both in India and abroad and other related items gifted by Tagore connoisseurs. The catalogues containing detailed information about these articles are published by this section and needless to say that they are of immense help to general readers and serious researchers. Excepting a few, all items have been digitised. The new arrivals in the current year are nine in number:

1. Ashok Chowdhury Collection, 2. Anandarup Roy Collection, 3. Dikshit Sinha Collection 4. Manju Bandyopadhyay Collection, 5. Anathnath Das Collection 6. Martin Kampchen Collection 7. Uma Majumdar Collection 8. Visva-Bharati Collection, 9. Jose Paz Collection

A huge bulk of documents, retrieved from Sriniketan is under process of digitization. A few manuscripts and correspondence materials received this year had added new glory to the archives. For extensive research a project for preparation of descriptive catalogue for English correspondence had already been taken up and researchers are benefitted through access to these materials.

PARTICULARS OF WORK DONE IN THE FINANCIAL YEAR 2013-14:

1. Accessioning of New arrivals (Original Documents)	Acc.Nos.280-284 (05 collections accessioned)	Reprographic
2. Accessioning of New arrivals (Copy).	C/150-C/154(05 Collections accessioned)	
3. Accessioning of New arrivals (CD/DVD)	Nil	
4. Nos. of Scholars/ Researchers enrolled.	123	
5. Nos. of DVD issued to different Scholars/ Researchers at different times.	542 DVD (JPEG) issued different times to consult Documents.	
6. Original documents shown to Researchers/ Scholars.	5 Documents.	
7. Only Information rendered to different Scholars/ Researchers/ users.	782 occasions	

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8	Telephonic/ Mobile/e-mail information rendered to different Scholars/ Researchers/users at different times.	144 occasions	
9	Print-outs given to different Scholars/ Researchers/ users.	198 pages	Reprographic job done by the personnel of the Archives
10	Nos. of images from JPEG transferred in CD/DVD/Pen drive for Scholars/ Researchers/ Official Purpose.	3226	Reprographic job done by the personnel of the Archives
11	Nos. of images from TIFF taken out from the Strong Room to transfer in to CD/DVD for Scholars/ Researchers/ users.	80	Reprographic job done by the personnel of the Archives
12	Attended Distinguished Visitors/ Dignitaries throughout the year		Documents shown on 26 different occasions.
13	Monitoring of the Strong Room/ Recording & monitoring of the relative humidity and temperature with the help of dehumidifier.	At least 02 times on each working day	
14.	Other activities		Our archive is entrusted to take part in the exhibitions on different occasions throughout the year

LIBRARY:

This Library mainly serves the requirements of Tagore Researchers from all over the world. The Library includes in its collection the Personal Library of Rabindranath, different editions of the Poet's works, books on and about Rabindranath as well as translated works in different Indian & Foreign languages. This Library has a wide range of rare journals & periodicals which include Tagore's writings from his early age till his death.

Visva-Bharati has, with a generous assistance from the Raja Rammohun Roy Library Foundation (RRRLF), Ministry of Culture, assigned the job of digitization the library collection: (rare documents and books & journals published up to 1961) to Centre for Development of Advanced Computing (CDAC), Kolkata and recently they have been able to complete the works. (For details see Sl. No. 12).

AUDIO VISUAL AND REPROGRAPHIC UNIT:

The Audio-Visual archive has in its holding the Poet's voice recordings in wire, tape and disc. It has negatives of photographs from our photo collection. The archive has a glorious collection of films based on Tagore's stories. Gramophone Disc and audio-cassettes of Tagore's songs, put into tune by various artists constitute a major part of the Audio collection. The process of digitisation of the museum objects and paintings of the Unit is in full swing. It is our proud privilege that gramophone discs in our possession had been digitized with the help of C-DAC, funded by the Govt. of India. This Unit has a complete set of Colour transparencies and high quality digital images of Rabindranath's paintings of the Bhavana collection. We have also the high quality digital images of Tagore paintings collection of

NGMA, New Delhi and Bangalore, Rabindrabharati, Indian Museum and Academy of Fine Arts, Kolkata. Photo and Video coverage of VVIPs who are visiting Visva-Bharati is also a part of our responsibility. In the recent past, we are honoured to cover visits of Sri Pranab Mukherjee, Hon'ble President of India and Sri M.K.Narayanan Hon'ble Governor of West Bengal.

Almost ninety percent of the photographs of Photo-Section (Photo-Archive) collection were digitized and now it is open the scholars for research work the Digitization processes is in progress for rest of the photographs. The photographs of Rabindranath, his family and other eminent personalities of national and international repute form a sizable part of the photo-section collection. Apart from the routine work, almost eight thousand photo-catalogue cards are converted into digital form for these purpose of better service, to be provided to the scholars. At present we are preparing a digital descriptive data catalogue of the photo archive holdings.

PARTICULARS OF WORK DONE IN THE FINANCIAL YEAR 2013-14:

Coverage of Visva-Bharati functions:

1. Audio recording 57 Hours
2. Video recording 78 Hours
(VB function and festivals, seminars etc.)
3. Still Photography 9711 images
(VB function and festivals, including the VB staff photograph for I.D Card)
4. Digitization of museum objects, including paintings 467 objects
5. Audio-Video service rendered to the scholars 8 hour per day (approx.)
6. Digital image processing for Staff I.D Card 1634 images
7. Gramophone Disc Digitization (By the C-DAC) 3682 images
8. Digital photo data catalogue (up to date) 7800 entry
9. Descriptive Catalogue of Photo Archive collection 397 photos

Unit routine work (Photo Section):

1. Number of scholar attended: 106 individuals
2. Digital images on CD given to scholars: 652 images

Gifts received:

1. Audio-Video CDs 02 No.
2. Digital photographs on CD 01 No.
3. Photographs 05 Nos.

PRESERVATION UNIT:

This unit takes care of the preservation requirements of old archival materials, rare and brittle books and museum items. Fumigation, de-acidification, lamination, tissue repair and binding of books are carried out in this unit. This unit is doing an excellent job by way of preserving old estate papers and Sriniketan papers for posterity.

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PARTICULARS OF WORK DONE IN THE FINANCIAL YEAR 2013-14:

Sl. No.	Type of Particulars	Total No. of Books/Others	Total No. of Pages	Total No. of Sheets	Treatments
1	Tissue Lamination	7	2477	1239	P.H. Test. De-Acidification and Applied Conservation Process.
2	Solvent Lamination/ Tagore Estate papers. (133 years old)	30 Documents	6570	3285 sheets	Fumigation for Insect Killing, Documentation through Digitization, Pagination, De-Binding, Dry-Brushing, De-Acidification (Aqueous & Non-Aqueous), Tissue Lamination & Repair, Serialization, Half Leather & Full Cloth Binding and Wrapping.
3	Archival Book Binding	30+7=37			Archival Binding Process.
4	Book Binding	352			General Binding Process.
5	Photographs	1			Mechanical Cleaning, Ink-Fixing, Stain Remove, P.H. Test, De-acidification, Tissue Repairing and Mounting.
6	Newspaper Clippings	13		911	Mark wise cutting, dating, pasting on paper and mark by seal and number.
7	Binding of Paper	Clipping	13		Full-cloth Binding.
8	Cover Binding	28			General Binding with paper.
9	Folder made for Photographs		1000		Size wise folders made of Acid Free Paper
10	Tissue for Binding Book		300		Only tissue used for binding.
11	Miscellaneous works, day to day Stitching for entire Bhavana's requirements and occasionally helping the sales counter.	200 approx. (Stitching). 1000 approx (Making Sets).			

LIPIKA MANUSCRIPTORIUM:

Lipika Manuscriptorium is a Centre for MSS studies and Preservation Centre with a collection of more than 12000 manuscript materials pertaining to different languages and obsolete scripts such as Sanskrit, Old Bengali, Odia, Tibetan and Tamil. This Manuscriptorium has a proud possession of old land records of Surul and endowment Records of Joydev-Kenduli. Some of the MSS are exceptional due to their special textual character and date. Acquisition of MSS, Fumigation, Preventive and Curative Conservation with the financial and technical assistance of National Archives of India and INTACH (Bhubaneswar Centre) are regular activities of this Centre. In a nutshell, examination, identification, shelf descriptive catalogues; augmenting researchers' activities, manuscript logistic awareness and editing of MSS are carried out by the Centre with the avowed objective of promoting higher research on manuscripts.

The Manuscriptorium has been reckoned with as a Resource Centre by National Manuscript Mission, New Delhi, Govt. of India to expedite the manuscript activities in a meaningful manner. About 2000 Manusdata sheet of Bengali MSS have been prepared and about 1500 hitherto unidentified Sanskrit MSS and 200 palm leaf Odia MSS have been identified. Another significant incident pertaining to the Manuscriptorium is the shifting of more than 534 Tibetan xylographs from the Department of Tibetan Studies.

GARDEN & GENERATOR SECTION:

This unit looks after maintenance of Uttarayana Complex. The beauty of Uttarayana Complex, embellished by greenery and blossoming of flowers of various varieties is taken care of by this unit. This unit excels in flower decoration and preparation of bouquets for guests and dignitaries. Generator Section looks after generator and A.C Plant operation for museum and strong room.

RABINDRA CHARCHA PRAKALPA AND RESEARCH:

With a view to promote Tagore-centric research, this unit has published research journal 'Rabindrakiksha' vol. 54 in the year under review.

To sensitize the entire staff and students of Visva-Bharati about Tagore and his myriad-minded creativity, Rabindra-Bhavana, in collaboration with Board of Studies, Tagore Studies had organized a two-day Workshop on 23rd February and 12th March, 2014 at Lipika Auditorium. Tagore's myriad-minded creativity was focused from various angles by the scholars.

KALANUKRAMIK RABINDRA RACHANAVALI PRAKALPA:

The first volume of Kalanukramik Rabindra Rachanavali (KRR), funded by Ministry of Culture, Govt. of India is going to be released on 9th May i.e. as a part of birthday celebration of Tagore. The second and third volumes are almost on verge of completion and likely to be released shortly.

2. Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations:

4 Phd and one M. Phil student has cleared the NET/SET: Arup Kumar Chandra, Madhuri Halder, Oindrila Maity Surai, Apurba Saha (SET) Tamali Bhattacharya

3 & 4 : Rabindrprabaha/Seminar/Workshop/Conference/Exhibition/
Publication/Important Event etc.

(From May 2013 to March 2014)

All programmes have been funded by Visva-Bharati and UGC.

Outstanding participants: Speakers of national and international fame, the entire Visva Bharati fraternity and ashramites attended the programmes. To name a few- Prof. Samir Rakshit, Mr. Martin Kampchen, Ms. Malavika Karlekar, Prof. Arun Basu, Dr. Shyamal Kanti Chakraborty, Prof. Shobhanlal Dattagupta, Surendranath Bandyopadhyaya Professor, Calcutta University, Prof. Alpana Roy, Prof. R. Shivakumar, Prof. Suchibrata Sen, Prof. Amiya Deb, Prof. Tapodhir Bhattacharya, Prof. Shyama Prasad Ganguly, Sri Sailesh Parekh, Mr. Sandagomi Coperahewa (Sri Lanka), Prof. Amitrasudan Bhattacharyay, Prof. Sitangshu Roy, Prof. Uma Dasgupta, Prof. Chinmoy Guha, Dr. Manabendra Mukhopadhyay

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RABINDRAPRABAHA (LECTURES ORGANISED BY RABINDRA-BHAVANA):

Sl. No.	Date	Title	Venue	Organised by	Name of the Program
1	28.4.13	Indian Architecture	Udayana Griha, Uttarayan	Rabindra-Bhavana	Prof. Samir Rakshit
2.	28.7.2013	Rabindranather Paschatya Vabana O Tar Prasangikata	-do-	-do-	Prof. Shovonlal Dutta Gupta, Surendranath Bandyopadhyay, Prof. Calcutta University. Inaugurated by Prof. Sushanta Dattagupta, Vice-Chancellor, Visva-Bharati
3.	25.8.2013	Darshan Theke Bachaner Prithibite: Kobi Rabindranath	-do-	-do-	Prof. Udaya Narayana Singh
4.	24.11.2013	Rabindranather Gaan : Utsa Theke Mohonay	-do-	-do-	Prof. Arun K. Basu, Inaugurated by Prof. Sushanta Dattagupra, Vice-Chancellor, Visva-Bharati
5.	29.12.2013	Chhobite Rabindranath	-do-	-do-	Dr. Malabika Karlekar

SMARANE BARANE :

Sl. No.	Date	Title	Venue	Organised by	Speaker
1	3.6.13	Rathindranath	Bichitra Hall	Rabindra Bhavana	Prof. Amal Pal & Sri Sunanda Lala
2.	23.12.13-26.12.13	Rathindranath	Poush Mela Prangan	-do-	

OTHER IMPORTANT EVENTS:

Sl. No.	Date	Title	Venue	Organised by	Speaker/ Chief Guest
1.	9.5.13	Book Fair & Book Release 'Rabindranath' Barshobarane O Janmmodine	Bichitra Hall Rabindra Bhavana	Rabindra Bhavana Visva-Bharati Granthana Vibhaga & Research Publication	Prof. Bikash Sinha
2.	29.5.13	Gitanjali Utsab	Satyajit Ray Auditorium (ICCR) Kolkata	Rabindrabharati University, Kolkata	Presented by Rabindra-Bhavana in collaboration with
3.	28.6.13	Inauguration of Rathindra Museum	Guha Ghar	Rabindra Bhavana	M.K. Narayanan, Hon'ble Governor of West Bengal
4.	25.11.13	Cultural Programme	Udayana Prangan	Natyacharcha Kendra, Rabindra Bhavana	Soumitra Basu, Usha Ganguly, Ashok Mukhopadhyay
5.	17.1.14	Rathindranath : Bhitare O Bahire	Bangla Akademi Auditorium, Kolkata	Rabindra-Bhavana & Bangla Akademi, Kolkata	
6.	8.3.14	Sabala (International Women's Day)	Udayana Griha	Rabindra-Bhavana	Sraboni Pal, Sabujkoli Sen, Tapati Mukhopadhyay, Gargi Ghosh

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SEMINAR/ WORKSHOP/CONFERENCE/OTHERS:

Sl. No.	Date	Title	Venue	Organised by	Speaker/ Chief Guest
1.	23.2.2013	Rabindranath O Santiniketan, Orientation Programme	Lipika Auditorium	Tagore Study Unit and Rabindra-Bhavana	Alpana Roy, R.Shivakumar, Suchibrata Sen.
2.	12.3.13	Rabindranath O Santiniketan, Orientation Programme	-do-	-do-	Prof. Tapati Mukhopadhyay, Amrit Sen, Kumkum Bhattacharya. Valedictory speech Prof. Sushanta Dattagupta, Vice-Chancellor, VB
3.	14.3.13	Rabindranath O Meghdut	Udayana Griha	Rabindra-Bhavana	Bijoya Goswami

INTERNATIONAL SEMINAR :

Sl. No.	Date	Title	Venue	Organised by	Speaker
1	21.03.2004 to 24.03.2004	Interaction Rabindranath and Local/Global Personalities	Lipika Auditorium	Rabindra-Bhavana under UGC Incentivisation Scheme	Inauguration: Prof. Sushanta Dattagupta Vice-Chancellor, and Speakers: Amiya Deb, Tapodhir Bhattacharya, Shyama Prasad Ganguly, Sailesh Parekh, Sandagomi Coperahewa (Sri Lanka), Martin Kempchen Amritasudan Bhattacharyay, Sitanshu Roy, Tapati Mukhopadhyay, Uma Dasgupta, Chinmoy Guha, Manabendra Mukhopadhyay, Goutam Bhattacharya

TRANSLATION WORKSHOP:

Rabindra-Bhavana conducted a Translation Workshop in collaboration with Centre for Translation under the aegis of Department of Comparative Literature, Jadavpur University from 19 - 22, February, 2014 at Jadavpur University. Tagore's book 'Khristo' was translated into English and going to be published shortly.

EXHIBITIONS ORGANIZED BY RABINDRA-BHAVANA:

Sl. No.	Theme of Exhibition	Time Period	Venue
1.	A Tribute to Tranquillity: Remembering Gitanjali (Song offerings) and The Nobel Prize, 1913	15.4.13-21.4.13	Vichitra Hall, Rabindra-Bhavana
2.	Rabindra Grantha Prakasaner Itihas	9.5.13-14.5.13	-do-
3.	The Unsung Hero : A Tribute to Rathindranath Tagore	26.6.13-9.7.13	-do-
4.	'Katha Stitch Art with Tagore as a Theme' in collaboration with Shamlu Dudeja, SHE, Self Help Group	14.11.13-31.11.13	-do
5.	Smarane Barane Rathindranath Tagore	23.12.13-27.1.13	Pous Mela Prangan & Udayan Prangan

*Attended by 200 teachers and research scholars on an average approximately.

5. ONGOING RESEARCH PROJECTS IN THE DEPARTMENT:

a) Rabindra-Bhavana is the proud recipient of UK-India Education and Research Initiative Project, funded by UGC and British Council. As such we had a tie up with Napier University of Edinburg, Scotland. The topic of international collaborative research is 'Scotland-India Continuum of ideas: The Relevance of Tagore and his associates'.

- i) Name of the Coordinator : Prof. Tapati Mukhopadhyay
- ii) Sponsoring Agencies : UGC and British Council
- iii) Amount sanctioned : Rs. 12, 68,800.00
- iv) Duration : Two years

b) Name of the Project: Kalanukramik Rabindra Rachanavali Prakalpa (KRR)

- i) Name of the Coordinator : Prof. Tapati Mukhopadhyay
- ii) Sponsoring Agencies : Ministry of Culture, Govt. of India
- iii) Amount Sanctioned : Rs. 3, 04, 57,259.00

c) Thematic categorisation of Tagore correspondence under Rabindracharcha Prakalpa :Coordinator :Prof. Amitrasudan Bhattacharya

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department:

Cultural Activities:

On the last day of the programme, organised by Visva-Bharati Karmi-Mondali to pay tribute to Tagore on his day of demise i.e. 22nd day of Sravana, a power point presentation decked by songs, recitation and backed by script named "Hey Mahajivan Hey Mahamaran was staged by Rabindra-Bhavana and was much-appreciated in collaboration with Sangit Bhavana.

On the occasion of inauguration of Rathindra Museum, a power point presentation on the life and activities of Rathindranath viz. "Rathindranath: the Unsung Hero" was held in collaboration with Sangit-Bhavana.

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Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A or C.A.S etc.):

Prof. Tapati Mukhopadhyay has been nominated as a Jury Member of one Adjudication Committee by Sahitya Akademi. Rabindra-Bhavana has been awarded UK-India Education and Research Initiative Project, funded by UGC and British Council as such we had a tie up with Napier University of Edinburg, Scotland. The topic of international collaborative research is 'Scotland-India Continuum of ideas: The Relevance of Tagore and his associates'.

Publications within the year April 2013-March 2014: (for individual papers see Appraisal Reports)

Publications of Rabindra-Bhavana:

1. "Rabindranath : Borsho Borone O Jonmodine" Place of Publication: Santiniketan, Publisher: Rabindra-Bhavana Year 2013, ISBN NO.978-817522-571-8

2. "Rathindranath Tagore: The Unsung Hero"

Place of Publication: Santiniketan, Publisher: Rabindra-Bhavana

Year 2013, ISBN NO.978-817522-573-2

Sales for Rabindra-Bhavana Publications for the year 2013-14: Rs. 6, 75,224.00

Designing New Course/Curriculum or any other teaching innovations introduced by the department:

Curriculum for M.Phil and Ph.D Course work in Culture Studies has been prepared with assistance from erudite scholars. Syllabus for six-month Certificate Course in Manuscriptology has been drafted.

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development: For History see Introduction.

Future Plans:

The primary objective of Rabindra-Bhavana is to set up a full-fledged Research Centre on Rabindranath in particular and other pioneers of 19th century Bengal in general. As such, several Research schemes are going to be introduced shortly. We nurture the following plans:

- a) Construction of Gitanjali Hall
- b) An exclusive Website for Rabindra-Bhavana to be introduced shortly
- c) Under Kalanukramik Rabindra Rachanabali Project(KRRP), multiple volumes will be published
- d) Translation Project- Scholars to be invited to translate Tagore in major Indian languages. Simultaneously a sincere attempt to outstretch Tagore throughout the globe through translation will also be undertaken.
- e) Research and publication to be geared up.
- f) Twin rooms in the name of Dwijendranath and Jyotindranath to be earmarked in Santiniketan Ashrama Griha Museum. They are to be adorned with personal belongings, mementos and other relevant objects.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included:

Prof. Amitrasudan Bhattacharya, former Rabindra Professor Visva-Bharati has joined Rabindra-Bhavana as Adjunct Professor on 5th May, 2013.

The Trial digging in and around 'Shyamali Building' at Uttarayana Complex was taken up by ASI, Govt. of India as an aftermath of discussion with University authority. Digging was started on 20 February, 2014 and was completed on 25 February, 2014. The main objective of the trial digging was to ascertain the foundation level and the original working level of the heritage building as well as its drainage system.

Particulars in details of the Departmental Library:

- a) Area in (Sq. Meters) quoted for the library : 508.365 Sq. Mt.
- b) Is there separate provision for Reading Room? : Yes, 106.652 Sq. Mt.
- c) Total Number of books : 47,772
- d) Total Number of books purchased during the year : 28

- e) Total Number of periodicals : 13,407
- f) Total Number of periodicals purchased during the year : One periodical i.e. Desh
- g) Total Number of Readers : 1,892 approx.
- h) Total Number of books and periodicals issued : This is a closed access library providing only reading room service.
- i) Total Number of Staff-members (category wise) : Pl. See staff Pro-forma-II.

**ACADEMIC APPRAISAL OF PROFESSOR TAPATI MUKHOPADHYAY
BOOKS EDITED:**

বর্ষবরণে ও জন্মদিনে রবীন্দ্রনাথ : রবীন্দ্রভবন, বিশ্বভারতী, শান্তিনিকেতন, ২০১৩, ISBN No. 9788175225718
Rathindranath the unsung hero jointly edited with Amrit Sen, Rabindra-Bhavana, Visva-Bharati, Santiniketan, 2013.
ISBN NO.978-817522-573-2

ARTICLES PUBLISHED IN BOOK:

ঐতিহ্যের বিশ্লেষণ ও পুনর্মূল্যায়ন : রেভারেন্ড কৃষ্ণমোহন বন্দ্যোপাধ্যায়ের রচনার আলোকে, রেভারেন্ড কৃষ্ণমোহন বন্দ্যোপাধ্যায় দ্বি-
শতবর্ষের আলোয়, সম্পাদনা - সনৎকুমার নস্কর ও কস্তুরী মুখোপাধ্যায়, কলকাতা, রত্নাবলী ২০১৩, পৃ. ১৫৯, ISBN No. 978938329344
Rathindranath: the unsung hero, ed. by Tapati Mukhopadhyaya and Amrit Sen, Rabindra-Bhavana, Visva-Bharati
Santiniketan, 2013, ISBN 978-81-7522-573-2
3. Tagore, Jagadischandra Bose and Prasantachandra Mahalanabis: A vibrating Confluence of Beautiful Minds in Tagore,
Bose and Mahalanabis: confluence of minds: ed. by Parul Chakraborti, Indrani Bose, Kabita Mandal, Sir J.C.Bose
Trust, Kolkata 2013, p. 60

ARTICLES PUBLISHED IN JOURNALS:

১. পর্ব থেকে পর্বান্তরে শান্তিনিকেতন : পরিবেশ ও জীবনচর্চা, নির্মাণ, সম্পাদক সমীর রক্ষিত, কলকাতা, ২০১৩
২. গ্রন্থসম্পাদনা : অমিত্রসুদন ভট্টাচার্য, প্রবন্ধসাহিত্যে পঞ্চাশ বছর, অবকাশ সাহিত্য পত্র, ২০১৩, পৃ.১২৭ ISSN No. 2320-5385
৩. Women figuring as “Minority” ancient Indian tradition to Bangla Contemporary Literature; Visva-Bharati Quar-
terly, Vol.20-24, 2013, P.40, ISSN No. 0972-043X
৪. অমর্ত্যযাত্রায় রবীন্দ্রনাথ ও তাঁর মৃত্যু অতিক্রমী দর্শন, প্রাজ্ঞ, অষ্টম সংখ্যা, ২০১৩, পৃ.২৯৯
৫. রবীন্দ্রনাথের নোবেল সম্মান - প্রতীচীর তাৎক্ষণিক প্রতিক্রিয়ায় কিছু দৃষ্টান্ত, রবীন্দ্রনাথ ঠাকুর, নোবেল পুরস্কার প্রাপ্তির শতবর্ষ,
১৯১৩-২০১৩, ভবানীপুর বৈকালী অ্যাসোসিয়েশন, ২০১৩, পৃ.৭৭
6. The concept of environmental protection: the legacy of ancient Indian texts subsumed by Rabindranath Tagore-
Paribesh Patrika, INTACH, Santiniketan Chapter, 2013, P.105.
7. After Gitanjali: The Metamorphosis of Tagore's Poetry, Visva-Bharati Quarterly, Vol.22, P-9, ISSN No. 0972-043X
8. Book Review - রবীন্দ্রনাথ : তাঁর আকাশ ভরা কোলে, সনজীদা খাতুন, বিশ্বভারতী পত্রিকা, ডিসেম্বর ২০১৩, পৃ.৯৮Book
9. Health in the holo of hitech, Towards Better Health : Visva-Bharati, Santiniketan, March, 2014, p.14
Health in the holo of hitech, Towards Better Health: Visva-Bharati, Visva-Bharati, Santiniketan, March, 2014, P.14
10. Joint paper with Prof. Amrit Sen-From Gitanjali to Song offerings: Rabindranath's transitions to Visvakabi-occasional
paper-8, Raj Bhavan, Kolkata, P-4

JOURNALS EDITED:

1. Visva-Bharati Quarterly, Vol.20-22, Visva-Bharati, Santiniketan, 2013-2014, ISSN No. 0972-043X
2. রবীন্দ্রবীক্ষা-৫৪, রবীন্দ্রভবন, শান্তিনিকেতন, ২০১৩।

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MULTI-MEDIA PRESENTATION:

From Gitanjali to Song offerings organised by Rabindra Bharati University, presented in ICCR, Kolkata on 29th May, 2013.

Rathindranath: the unsung hero at Lipika Auditorium, Santiniketan on 27th June, 2013.

Hey Mahajiban, Hey Mahamaran at Lipika Auditorium, Santiniketan on 16th August, 2013

PAPERS PRESENTED IN SEMINARS/CONFERENCES:

5 April, 2013. Presented a paper in a National level, UGC sponsored conference: 'Rabindranath and Vivekananda', organised by Bijoy Krishna Girls' College, Howrah. Title of the paper - "Impact of Vivekananda and Rabindranath on the international arena, a comparative study"

20 April, 2013. Delivered inaugural speech in a seminar on "Problem and prospect of Santali language" organised by Santali Department of Visva-Bharati.

31 August, 2013. Delivered a speech on "The relevance of Sriniketan in the perspective of Visva-Bharati", organised by Palli Siksha Bhavana, VB..

1 September, 2013. Delivered a speech on "Swami Vivekananda on socio-cultural integrity of Bharata" in a workshop, organised by Indira Gandhi Centre, Visva-Bharati

2 September, 2013. Delivered a speech on "Tagore's Educational Thought: Human Resource Development" in a workshop for casual employees.

3 September 2013. Delivered a speech on "Historical perspective of Vivekananda's educational thought" in a seminar organised by Rahara Ramkrishna Mission Vivekananda College.

12 September, 2013. Presented a paper as Chief Guest in the inaugural session of a seminar on "Re-visiting late 19th century English Poems" organised by Nalhati College, Birbhum. Title of the paper - "A vibrant encounter: late 19th century English poets and Rabindranath." Also chaired a session.

28 September, 2013. Acted as Moderator of session in a seminar, organised by Journalism Department, Visva-Bharati.

26 October, 2013. Delivered a speech as Chief Guest in the 5th State conference of Library workers Association, held at Sarat Sadan, Howrah.

8 November, 2013. Presented a paper in an International Conference, organized by Jawaharlal Nehru University, Delhi and Centre for Chinese Studies in Delhi on "Tagore's legacy of Inter-cultural Interaction: India, China and Civilized States" Topic- Tagore's concept of Universalism.

21 November, 2013. Delivered a speech on "Vivekananda's role in resurgence of Indian culture and national unity" in a seminar organized by Philosophy Department, VB on World Philosophy Day.

23 November, 2013. Delivered a speech on "China-India challenges to their good neighbourly relations", organized by Chinese Department, Visva-Bharati.

15 December, 2013. Delivered inaugural speech in a programme, organised by Sishutirtha, Santiniketan.

7 January, 2014, Delivered a speech at Natyacharcha Convention organized by Rabindra-Bhavana at Lipika Auditorium on 7th January, 2014.

12 January, 2014. Delivered a Speech on Vivek Utsab.

13 January, 2014. Delivered inaugural speech in a seminar on "Rural Development, theory and policy", organized by Agro-Economics Research Centre, VB.

16 January, 2014. Delivered inaugural speech in a National Level Translation Workshop on "Stories for Children and Young adults" organized by Department of English and DEOMEL, VB .

Delivered an address as Chief Guest on "Value oriented Education of school teachers (Primary Level)", organized by B.Ed Department of Visva-Bharati.

17 January, 2014. Delivered a speech on "বৈষ্ণব-জীবন-সংগীত" organized by Bangla Akademi in collaboration with Rabindra-Bhavana, VB

21 January, 2014. Chaired the first academic session in a seminar on "Dharmasastra: their relevance to modern society" organized by Department of Sanskrit, Jadavpur University.

31 January, 2014. Delivered two lectures on - Indian aesthetics, and Tagore in Translation" in Winter School, organized by Comparative Literature Department, Jadavpur University.

Delivered a speech in Raja Rammohun Library and Free Reading Room, Kolkata on "Felicitation of Rabindranath Tagore on the conferral of Nobel Prize", on 1st February, 2014 at Kolkata.

7 February, 2014. Delivered a lecture in the Inaugural session of the seminar "The role of Bhikshunisangha", organized by Indo-Tibetan Centre, VB.

10 February, 2014. Delivered Inaugural speech in the International Seminar on "Indian freedom movement and partition", organized by Department of History, VB .

10 February, 2014. Delivered valedictory address in a seminar on "women in Indian theatre", organized by Centre for Women's Studies, VB on 10th February, 2014.

13 February, 2014. Delivered Inaugural Address in a seminar on "Beyond Gitanjali: Poetry and Poetics", organized by Department of English and Other Modern European Languages, VB.

14 February, 2014. Presented a paper on "Translation as mode of interpretation: a case study" in a seminar, organized by Department of Sanskrit on 14th February, 2014. Also chaired a session.

15 February, 2014. Delivered valedictory address in a seminar on "Vedas, their modern interpretations" organized by Sanskrit Department, VB on 15th February, 2014.

19 February, 2014. Delivered a lecture on "Right to Education in modern perspective", in a seminar, organized by R.K.Mission B.Ed. College.

26 February, 2014. Delivered a lecture as Resource Person in a Refresher Course, organized by Department of Environmental Studies, Burdwan University on "lhf¾cÊe;-bl fgl-hni;he;" on 26th February, 2014.

3 March, 2014. Delivered Inaugural speech in a seminar on "Impact of tribal literature on Indian culture", organized by Odiya Department, VB.

6 March, 2014. Delivered valedictory address on "Sabdasakti and semantic interpretations" organized by Department of Sanskrit, Pali and Prakrit, VB on 6th March, 2014.

8 March, 2014. Delivered a speech in a programme "pñm;" , organized by Centre for Women's Study and Rabindra-Bhavana on the occasion of International Women's day at Udayana, VB on 8th March, 2014. 12 February 2014. Delivered 21-24 March, 2014. Presented a paper in an International Conference, on Interactions: "Rabindranath and global/local personalities", organized by Rabindra-Bhavana. Title of the presentation- on 21 March: Rabindranath and Winternitz.

Also chaired a session.

28 March, 2014. Delivered a speech as Chief Guest in a seminar 'On Rabindranath, Gitanjali and Nobel', organized by Rabindra Bharati University.

29 March 2014. Delivered presidential address in a seminar organized by Santiniketan Trust on "Legal awareness" .

31 March 2014. Delivered a Keynote address in a seminar on "Rabindranath in modern perspective" organized by the University of Juridical Sciences on 31st March, 2014 in Kolkata.

ACADEMIC APPRAISAL OF PROF. UDAYA NARAYANA SINGH, PROFESSOR RABINDRA-BHAVANA, VISVA-BHARATI:

Publications:

Books:

The Other Gitanjali. Andorra: Anima Viva multilingue SL, Escaldes Engordany, Principat d' Andorra[www.animaviva-publisher.com]. ISBN 978-99920-68-26-7; E-Book: ISBN 978-99920-68-24-3, 2013.

Dhvase Jay Shanti Stup (Translated Keertinarayan Mishra's award-winning anthology of poems from Maithili into Bangla); Kolkata: Sahitya Akademi., 2013.

Essays/Articles:

'Crisis of civilization as the Poet saw' In Muchkund Dubey, Imtiaz Ahmed & Veena Sikri eds. *Contemporarising Tagore and the World*. Dhaka: The University Press Limited 2013. [Papers presented at the Dhaka Seminar held in April-May, 2011].

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'Tagore redrawing the boundaries.' In B.R. Ananthan & M.G. Hegde, eds. Rethinking Tagore. Belagavi: Prasaranga, Rani Channamma University. 2013. 9-20.

'Letters from Flora Hogman Archive.' Rabindra Viksha 53: 2013. 21-35. (7th Pausa, 1419b).

Translation, Transcreation and Tagore'. In Nilanjana Bhattacharya et al, eds. Proceedings of the National Seminar on Rabindranath Tagore and Translation (Keynote address); February 10-12, 2012; DRS Seminar, Department of English & Other Modern European Languages, Visva-Bharati, Santiniketan. Published in 2013.

'Many Rabindranaths: Tagore for All Seasons'. In Maroona Murmu et al, eds. Proceedings of the National Seminar on Many Rabindranath Across Time and Space (Keynote address). Organized by the Department of History, Jadavpur University, Kolkata; March 2011. Published in 2013.

'Kulturgebiet on the lines of Sprachbund: 'দিবে আর নিবে মিলাবে মিলিবে' In Swami Sarvabhutananda et al, eds. Proceedings of the Plenary Talk given at the International Seminar on Cultural Unity of India; Feb 16-19, 2013; Kolkata: Ramakrishna Mission Institute of Culture, 2013.

'Biography as language: A Form, an expression, a mirage or a camouflage?' Lead Article in E-zine www.museindia.com. Vol 49, May-June 2013. at <http://www.museindia.com/featurecontent.asp?issid=49&id=4168>

'Another India: Voices from the Periphery'. In Atul Thakur, ed. India Since 1947: Looking Back at a Modern Nation. New Delhi: Niyogi Books, 2013.

AWARD : Awarded with the 'KALAINAR PORKIZHI AWARD' of BAPASI for his lifelong contribution to Mythili Literature.

Seminar Presentations

6-7 April 2013. Keynote address: 'Language of Power: Power of Language'. International seminar on Language and Power: Perspectives, Issues and Impact; Special Center for Sanskrit Studies, J.N.U. in collaboration with University of Illinois, Urbana-Champaign, USA and Central Institute of Indian Languages, Mysore.

14 April 2013. 'Chithipatrer semiotics o Rabindranath.' Special lecture on the Bangla New Year eve; Rabindra Teertha, Kolkata; [with a documentary on 'Belles lettres of Tagore' produced under self].

1-3 June 2013. 'Culture-Nature Dichotomy and Double Articulation: Surviving the Information Age.' International Academic Conference on from Tagore to Mo Yan: The Universality of One Hundred Years of Oriental Culture; Tongzi University, Shanghai, China.

25 November 2013. Debate on Maitreyi Devi, Mircea Eliad and Tagore at the Europalia Festival 2013 (Indiamania) between Udaya Narayana Singh and Sorin Alexandrescu, mediated by Patrick Pasture, The Leuven Institute for Ireland in Europe, Belgium.

26 November 2013. 'Tagore and Innovative Education'; Masterclass lecture at the European Commission, Brussels, Belgium; 26th Nov 2013.

28 November 2013. Tagore at Meritxell; Talk on Tagore with Performance by Kaberi Chatterji at the sanctuary of Meritxell, Andorra.

3-4 February, 2014 'Education and What It Does to Us!' Plenary lecture at the National Seminar on 'Treasure of Tranquility: Philosophical Legacy of Indian Education', Vinaya Bhavana, Visva-Bharati.

21-22 Feb 2014. 'The linguistic landscape of Bangla as Swamiji was engaged in constructing' Plenary lecture given at the National Seminar on 'Swami Vivekananda's Ideas and Our Times: A Retrospect on His 150th Birth Anniversary', at Ramakrishna Mission Vidyamandira, Belur Math, Howrah, West Bengal.

6 March 2014. 'Suniti Kumar In Search of a Metaphor: On Policy, Perspectives and Pluralism'. Special Lecture at the Seminar on Suniti Kumar Chatterjee, Department of Linguistics, University of Calcutta.

27-29 March 2014. Special Lecture at the Seminar on "Multilingualism and the Literary Culture of India," Centre for Comparative Literature, UoH, & Sahitya Akademi, New Delhi at the School of Humanities' Auditorium, University of Hyderabad.

Extra-Mural Work

Coordinator/Leader of the Evaluation Team to assess the activities of the Department of Humanities & Social Sciences, Indian Institute of Technology, Kanpur and visited IIT/K on 26-27 February 2014 along with other members: Professor Manas K Mandal (Distinguished Scientist & Director General - Life Sciences, Defence Research & Development Organization, New Delhi), P.R. Bhat (Department of HSS, IIT/Mumbai), Robert Deliege (Professor of Social Anthropology, Universite Catholique de Louvain, Belgium), Samiran Chakraborty (Regional Head, Research, South Asia, Standard Chartered Bank, and formerly a faculty of Delhi School of Economics), and Atul Tiwari (a well-known media personality in the fields of theatre and films). Drafted and submitted final report on 31st March 2014.

Appointed a member of the Executive Council of Rajiv Gandhi University, Arunachal Pradesh.

Appointed Visitor's Nominee for the School of Languages, literature and Culture in JNU, New Delhi.

Major Research Projects

Made presentations on Centre for Endangered Languages Project in December 2013 and January 2014 before the University Grants Commission Committee.

ACADEMIC APPRAISAL OF PROF. ALPANA ROY,**Publication : Book**

আলাপ থেকে বিস্তার (collected essays on Tagore-Music), Second edition, Kolkata: Papyrus, January 2014 (ISBN: 978-81-908360-1-X)

গীতসুধার তরে (collected essays on Literature and Music), Kolkata: Karigar, January 2014 (ISBN: 978-93-81640-37-1)

Seminar/Lecture:

11 September 2013: presented a paper on 'Gitabitan' III Part, in a seminar organised by Rabindrasangeet Gabeshana Kendra and Music Board, Visva-Bharati at Kalakunja, Kolkata.

19-21 October 2013: organized a student's seminar in the dept. of Bengali, Visva-Bharati. Presented papers by all the students of M.A III semester on various aspects of 'Raktakrabi'.

25.11.2013: Lecture demonstration on রবীন্দ্রনাথের গান (Songs in Tagore's Dramas) in a programme of Natyacharcha Kendra organised by Rabindra-Bhavana, Visva-Bharati.

23.02.2014: Lecture on Tagore's Dramas in a Orientation Programme organised by Tagore Studies & Rabindra-Bhavana, Visva-Bharati.

Script and Performance:

19 May 2013. Directed a Script based programme গানের লীলা organised by 'Saptak, Santiniketan' at Lipika Auditorium, Santiniketan, 13 May and Rabindra-Okakukra Bhavan, Kolkata.

20 May 2013. Invited to perform solo recital at 'Rabindra-janmotsava' organised by Rabindrasadan, Kolkata.

11 September 2013. Invited and performed solo recital in a Musical programme organised by Rabindrasangeet Gabeshana Kendra and Music Board, Visva-Bharati at Kalakunja, Kolkata.

PARTICIPATION OF STAFF IN DIFFERENT SEMINARS/WORKSHOPS AND PRESENTATION OF PAPERS:**PRADIP KUMAR MANDAL, DEPUTY CURATOR, RABINDRA-BHAVANA (MUSEUM):**

24-25 March 2014. Jointly presented a paper entitled "Rabindra-Bhavana and Rathindranath: Issue, Challenges, Motion" in an international Seminar on "Museum in Motion" Ideas, Issues and Challenges" Jointly organized by Department of Museology, University of Calcutta and Indian Statistical Institute, Kolkata.

4-5 December 2013. Attended two days international seminar on "Heritage, Visuality and Museology" organized by Department of Museology, University of Calcutta and presented a paper entitled "Cultural Heritage of Santiniketan and Rabindranath Tagore"

Ch-II

21-24 March 2014. Attended an international seminar on 'Interactions: Rabindranath Tagore and Local/Global Personalities' organized by Rabindra-Bhavana, Visva-Bharati.

Publications:

"Rathindranath O Rabindra-Bhavana", Rathindranath Tagore: The Unsung Hero' Tapati Mukhopadhyay and Amrit Sen (ed.), Rabindra-Bhavana, Santiniketan, 2013. ISBN No. 978-81-7522-573-2 (jointly with Saswati Pal Choudhuri).

"Rabindra-Bhavana and Rathindranath: Issue, Challenges and Motion", 'Museum in Motion: Ideas, Issues and Challenges', Mahua Chakraborty (ed.), International Seminar volume, Department of Museology, University of Calcutta and Indian Statistical Institute of Kolkata. ISBN NO. 978-93-80973-8

"Lipika Rabindranather Pandulipi Sagraher Fasal", Journal of the Department of Museology, Mahua Chakraborty (ed.), University of Calcutta, Vol. 10, 2014.

GRANTHANA-VIBHAGA (VISVA-BHARATI)

A BRIEF HISTORY

On 26 July 1923, Rabindranath Tagore, through a legal document, donated to Visva-Bharati the copyright of all his Bengali works published till 1923. In an earlier move, the sole copyright and complete publishing rights had been secured from Indian Publishing House, Allahabad at a net outlay of Rs. 26000/- This included the stock in hand worth Rs. 78000/- This arrangement was made, not only with the expectation of a substantial increase in income from this source, but also with the hope that Rabindranath's works would be better edited for publication and would reach a wider readership.

A Visva-Bharati bookshop was opened around this time at 210 Cornwallis Street. The work of the Publishing department would take place on the second floor of this building. The VB Annual Report for 1923 states: 'We report with great pleasure that the copyrights of the works of Dwijendranath Tagore and Balendranath Tagore have been assigned to Visva-Bharati.' The work of Visva-Bharati GranthanaVibhaga started on a happy note--Ramananda Chatterjee made a gift of 3000 copies of Rabindranath's prose-drama, 'Mukta-dhara'; many periodicals offered them free advertising--from Prabasi and Modern Review was received a full page advertisement each month and frequently Banga-Vani and other periodicals too, offered free advertising.

Among the books that deserve mention was the third edition of Chayanika. This selection was made by readers through a process of competition whereby poems with the maximum number of votes got selected! The earlier edition had 136 poems while that edition had 208. The next important publication was Galpaguchha in three volumes. In 1925, a new volume of poems was published after a gap of three years. This was 'Puravi', which introduced a distinct style of publication reflecting the Santiniketan aesthetics. Shortly after this, we have Prabahinee. These books have the title and author's name in Rabindranath's handwriting on the cover with no ornamentation.

In 1936, it was decided that books by authors other than Rabindranath would be taken up for publishing. In the same year, a systematic attempt was made to prevent unauthorized translations of Rabindranath's works in different Indian languages and a Gujarati Translation Board was set up in Bombay. Ramananda Chatterjee had been authorized by Rabindranath to publish Hindi translations of his works. Five books were published but later, the Publishing department decided to take up the work itself and Ramananda consented; the stock-in-hand was purchased at 35% of the retail value. A Hindi Translation Board was set up with Sitaram Sakseria, Hazariprasad Dwivedi, Kshitimohan Sen, Rathindranath Tagore, Kishorimohan Santra and Charuchandra Bhattacharya as members.

Gradually, the scope of Granthana-Vibhaga went beyond publishing; film and performance copyrights were also taken care of. Later, it also had under its wing the Emporium of Sriniketan Village Handicrafts in Calcutta.

Annual Performance Report : April 2013 - March 2014

PROGRAMMES: 14

5-13 April 2013 : 9 day Book Fair organised by the Visva-Bharati Granthana Vibhaga in Kolkata.

9-14 May 2013: 6-day Book Fair organised jointly by Visva-Bharati Granthana Vibhaga and Rabindra-Bhavana at Santiniketan.

21 May 2013: Celebration of Rabindranath Tagore's 152nd Birth Anniversary, organised by Visva-Bharati Granthana Vibhaga, held at G.D. Birla Sabhagar, Kolkata.

June 2013 - Special meeting held to publish Visva-Vidya Samgraha in a new format.

4-11 August 2013 - Rabindra Grantha Mela was jointly organised by Visva-Bharati Granthana Vibhaga and Rabindra Tirtha, New Town, Kolkata to commemorate the 72nd Birth Anniversary of Tagore.

8 August 2013 - Book release programme at Lipika Auditorium in Santiniketan.

Ch-II

19 August 2013 - Seminar titled 'Tagore Studies in Scotland', organised by Visva-Bharati Granthana Vibhaga, was held at Granthana-Vibhaga Sabhaghar.

11-12 September 2013 - 2-day seminar titled 'The World of Tagore Songs' was jointly organised by Visva-Bharati Granthana Vibhaga and Visva-Bharati Music Board at 'Kalakunj', Kolkata.

1 October 2013 - A follow-up meeting was held at the Granthana-Vibhaga to bring out the revised edition of the 135 titles of Visva-Vidya Samgraha.

1 October 2013 - A meeting was held at the Granthana Vibhaga on to review English translation of Tagore works done so far by the Granthana-Vibhaga.

7 November 2013 - A new sales-counter was opened at the Visva-Bharati Granthana Vibhaga office at 6 Acharya Jagadish Chandra Bose Road, Kolkata.

11-14 January 2014 - The Visva-Bharati Granthana Vibhaga participated in the Book Fair organised by the Pashchim Banga Bangla Akademi from at Rabindra Sadan premises in Kolkata.

6 February 2014 - A seminar titled Gitanjali : Sur o Bani, was organised by the Visva-Bharati Granthana Vibhaga, in collaboration with the Book Sellers and Publishers Guild at the main Auditorium of the Kolkata Book Fair, held at Milan Mela Ground, Kolkata.

24 March 2014 - Visva-Bharati Granthana Vibhaga organised a Literary Forum at the Granthana Vibhaga Sabhaghar (6 Acharya Jagadish Chandra Bose Road), titled 'Pratham Diner Surya: Appreciation and Interpretation', presented by Sri Shailesh Parekh.

TOTAL NO. OF PUBLICATIONS: 43

APRIL 2013

SVARABITAN 49 by Rabindranath Thakur - 978-81-7522-495-7

KATHA O KAHINI by Rabindranath Thakur - 978-81-7522-160-2

RAJARSHI by Rabindranath Thakur - 978-81-7522-038-6

SVARABITAN 10 by Rabindranath Thakur - 978-81-7522-415-5

MAY 2013

BISARJAN by Rabindranath Thakur

CHATURANGA by Rabindranath Thakur - 978-81-7522-562-6

SVARABITAN 19 by Rabindranath Thakur - 978-81-7522-092-8

VISVA-BHARATI PATRIKA (MAGH-CHAITRA 1419)

ed. by Amitrasudan Bhattacharya

PRABANDHA SAMGRAHA by Ashok Bijoy Raha - 978-81-7522-569-5

JUNE 2013

SANKALITA 01 by Rabindranath Thakur - 978-81-7522-006-5

SANKALITA 02 by Rabindranath Thakur - 978-81-7522-023-2

VISVAPARICHAY by Rabindranath Thakur - 978-81-7522-563-3

BUDDHADEV by Rabindranath Thakur - 978-81-7522-559-6

JULY 2013

AMAR MAR BAPER BARI by Rani Chanda - 978-81-7522-570-1

RUSSIAN CHITHI by Rabindranath Thakur - 978-81-7522-568-8

VISVA-BHARTI PATRIKA (BAISHAKH-ASHAR 1420)

ed. by Amitrasudan Bhattacharya

AUGUST 2013

RUPAVALI 01 - 978-81-7522-083-8

SEPTEMBER 2013

SWADES (ENG) by Rabindranath Tagore
(Tr. Sanjukta Dasgupta) - 978-81-7522-571-8
SVARABITAN 55 by Rabindranath Thakur - 978-81-7522-517-6
SANCHAYITA (B) by Rabindranath Thakur - 978-81-7522-047-8

NOVEMBER 2013

PRABANDHA SAMGRAHA by Pramatha Chaudhury - 978-81-7522-173-4
RABINDRAJIBANI 02 by Prabhat Kumar Mukhopadhyay - 978-81-7522-218-2
SVARABITAN 40 by Rabindranath Thakur - 978-81-7522-234-2
VISVA-BHARATI PATRIKA (SRAVANA-ASWIN 1420) ed. by Amitrasudan Bhattacharya

DECEMBER 2013

RABINDRA-RACHANAVALI (POPULAR) 7TH PHASE - 01 by Rabindranath Thakur
978-81-7522-356-1
SVARABITAN 01 by Rabindranath Thakur - 978-81-7522-109-3
RABINDRANATH AUR ADHUNIK BANGLA AUR HINDI CHHAND by Rambahal Tiwari - 978-81-7522-582-4
GITANJALI (KOKBOROK) by Rabindranath Thakur (Tr. By Chandrakanta Mura Singh) - 978-81-7522-576-3
SANTINIKETAN SEASONS THROUGH GITANJALI by Sushanta Dattagupta

FEBRUARY 2014

ITIHAS by Rabindranath Thakur - 978-81-7522-581-7
SAHAJPATH 03 by Rabindranath Thakur - 978-81-7522-056-0
PRANTATTWA by Rathindranath Thakur - 978-81-7522-577-0
BANGLA SAHITYER KATHA by
Nityananda Binode Goswami - 978-81-7522-578-7
PUJAPARBAN by Jogesh Chandra Ray Vidyandhi - 978-81-7522-352-3
RABINDRA RACHANAVALI (POPULAR) 7TH PHASE - 02
by Rabindranath Thakur... - 978-81-7522-357-8
SISU by Rabindranath Thakur - 978-81-7522-058-4
SVARABITAN 12 by Rabindranath Thakur - 978-81-7522-097-3
SVARABITAN 43 by Rabindranath Thakur - 978-81-7522-431-5
SVARABITAN SUCHI - 978-81-7522-187-1

MARCH 2014

BHARAT DARSHANSAR by Umesh Chandra Bhattacharya - 978-81-7522-580-0
SESHER KABITA by Rabindranath Thakur - 978-81-7522-266-3
GITICHARCHA 02 by Rabindranath Thakur - 978-81-7522-041-6
GITICHARCHA 03 by Rabindranath Thakur - 978-81-7522-042-3

SALES STATEMENT

NETT SALE - Rs. 1,43,80,216.97 (Rupees One crore, Forty-three lakhs, eighty-thousand, Two hundred Sixteen and paise Ninety-seven only)
GROSS SALE - Rs. 2,03,23,023.30 (Rupees Two crore, Three lakhs, Twenty-three thousand, Twenty-three and paise Thirty only)

BOOK FAIRS: 15

Special Book Fair, Granthana Vibhaga Premises - 5 April to 13 April 2013
Book Fair at Rabindra-Bhavana, Santiniketan - 9 May to 14 May 2013

Ch-II

Rabindra Tirtha Book Fair, New Town - 4 August to 11 August 2013
Jamshedhpur Book Fair - 15 November to 24 November 2013
Nutan Alo Book Fair, Anderson Park, Kolkata - 22 November to 25 November 2013
Kalyani Book Fair - 7 December to 16 December 2013
Konnagar Book Fair - 7 December to 15 December 2013
North-East Book Fair, Guwahati - 25 December 2013 to 5 January 2014
Poush Mela, Santiniketan - 23 December to 26 December 2013
Dum Dum Book Fair - 3 January to 12 January 2014
Sahitya Utsav and Little Magazine Mela at
Nandan, Kolkata - 11 January to 15 January 2014
Kolkata Book Fair - 29 January to 9 February 2014
Narendrapur Vivek Chetana Utsav - 11 February to 16 February 2014
Agartala Book Fair - 13 February to 24 February 2014
New Delhi World Book Fair - 15 February to 23 February 2014

OFFICIAL LANGUAGE (RAJBHASHA) CELL

To implement the Official Language Policy of the Government of India in Visva-Bharati, the Rajbhasha Cell was established in March, 1993.

The Rajbhasha Cell has two broad programmes, viz

1. Implementation Programme
2. Training Programme

1. Implementation Programme

It is the administrative part of the Cell. The rules and regulations relating to implementation of the Official Language (Rajbhasha) Policy issued by the Govt. of India from time to time are implemented as prescribed for Region "C" to which Visva-Bharati belongs. The Cell is assisting in conversion of University website to bilanguage mode i.e. English to Hindi. The Cell is also extends support to other departments in translational matters.

2. Training Programme

The first programme of implementation policy of the Govt. of India is the compulsory training in Rajbhasha Hindi to all the Non Hindi speaking staff from grade D onwards for acquiring working knowledge in Hindi. Visva-Bharati has also introduced such programme since July, 1994. Visva-Bharati has a full time Centre for training in Rajbhasha Hindi in the locality. Visva-Bharati has also incorporated the staff-members of the other Central Govt. Organisations located at Bolpur for training in Rajbhasha Hindi for acquiring working knowledge in Hindi from July-December, 2001. Since 2006 Visva-Bharati has also extended the facilities to the Central Govt. Organisations located at the District Headquarters at Suri to pursue training in Rajbhasha Hindi for acquiring working knowledge in Hindi to its staff-members.

Activities.

- i. Under the training programme 118 Staff-members and 2 out siders have completed the prescribed courses of Hindi Teaching Scheme of Govt. of India conducted by Visva-Bharati, Santiniketan Centre during the year 2012-13.
- ii. Three days Rajbhasha Hindi Divas Samaroh-2013 was organized in Visva-Bharati from 14-16th September, 2013 in the Hindi Bhavana Parisar. Various activities like Seminar, workshop and Cultural activities have been undertaken during the three day celebration.
- iii. Rajbhasha Cell conducted TOLIC Meeting held on 18th February, 2014 at Central Administrative Building Conference Hall, Visva-Bharati. The Vice-Chancellor presided over the meeting.

INDIRA GANDHI CENTRE

Departmental Seminar (Speakers, Title of the Seminar, Date)

31 August 2013 : National Seminar on "Swami Vivekananda on Socio Cultural Integrity of Bharat", organised by the Indira Gandhi Centre, Visva-Bharati, Santiniketan & Akhil Bharatiya Itihas Sankalana Yojana (ABISY), Eastern Zone to commemorate the 150th Birth Anniversary of Swami Vivekananda,.

OTHERS

14 November 2013: A curtain raiser programme of a year-long celebration of the "125th Birth Anniversary of Pandit Jawaharlal Nehru" was organised by the Indira Gandhi Centre in association with CJMC & Karmimandoli, at the Udayan Building on 14th Nov, 2013.

The celebration was chaired by Vice-Chancellor Prof. Sushanta Duttagupta. The gathering was addressed by Mr. Somnath Chatterjee (former speaker, lok-sabha), Mr. Mitsuo Kawaguchi, Consul General of Japan, Kolkata and Prof. Mridula Mukherjee, former Director Nehru Memorial Museum, New Delhi.

13 January 2014: A Special lecture entitled 'Economic Philosophy of Pandit Jawaharlal Nehru' by Mr. Paranjay Guha Thakurta was organised as a part of a year-long 'Special Lecture Series on Pandit Jawaharlal Nehru' at the conference hall, Central Library. Vice-Chancellor Prof. Sushanta Duttagupta chaired the session on 13th Jan, 2014.

31 January 2014: A Special Lecture cum Interactive session 'Tagore in Indonesia' by Ms. Ayu Utami, a famous Indonesian writer was organised by the Indira Gandhi Centre, Visva-Bharati at the Conference hall, Central Library on 31st Jan, 2014.

On going Research Projects in the Department.

i. Name of the Project holder : Dr. Mita Sarkar (Das), Research Associate
(Anthropology)

ii. Name of the Project : Gender Issues & the Tribes : Eastern India & South Asia.

iii. Sponsoring Agencies : Visva-Bharati (Partial Research Grant Scheme)

iv. Amount Sanctioned : Yearly vary (Rs. 3000-5000/-)

v. Duration of the project : One year

Extension activities/NSS/Cultural and other activities organised by the Department and participated by the Staff / Teachers and students of the Department.

Dr. Mita Sarkar (Das) is taking the Tagore Studies classes since 2005.

Publications

Mita Sarkar (Das)

Articles in books & Journals

"Naga Land Use System 'Harmony, Economy and Relationship'" in North East India: The Human Landscape ed. by Dr. Manish. K. Raha, Concept Publication, New Delhi, 2013: 18-25. ISBN-13: 978-93-5125-047-0

Mizo and their Economy in the Book (Same as above) 2013: 111-119.

Tribes Displacements & Developments in "Indian People & Internal Migration" by K.K. Bagchi Abhijit Publication, 2013: 11-20, New Delhi. ISBN 978-93-5074-043-9

Naga Integration: 'The Journal of Indian Anthropological Society' Vol. 49 No. 3, 2013: 35-42. ISSN : 0019-4387

A brief history on the development of the Bhavana/Sadana/Vibhaga

The 'Indira Gandhi Centre for National Integration' was established as a part of Visva-Bharati in 1986 with the funding of UGC in tune with the ideas of Tagore's universal brotherhood feeling of oneness. Later in December 2012 the Centre was renamed as INDIRA GANDHI CENTRE, a part of Tagore Memorial Institute (TMI), widened its area of focus on INTERNATIONAL UNDERSTANDING AND RELATIONS.

Now INDIRA GANDHI CENTRE (IGC) with its prominent responsibility of national and international understanding

will act as the nodal organisation of the university to promote and carry out specific programmes which will maintain the national importance of Visva-Bharati along with its projection at the international arena with its legacy and prospects of the modern era. As an initiation of this the Government of Bangladesh and eminent scholars from Korea have approached Visva-Bharati for setting up Academic and Cultural Centres at Santiniketan. Accordingly, the competent authorities of the University approved the establishment of 'Bangladesh Bhavan' for research and documentations under 'Bangladesh Studies Programme' of Visva-Bharati, which was already been announced by the Hon'ble President of India at Dhaka on 04.03.2013. The establishment of Korea Bhavan is in the process.

The Centre proposes to act as a forum of academic, social and cultural interactions among the foreign students and scholars of this university with specific interactive programmes.

AGRO-ECONOMIC RESEARCH CENTRE

Departmental Seminar (Speakers, Title of the Seminar, Date):

The Centre has organised a One-day Seminar on Rural Development: Theory and Policy on 13.01.14 and also organised several Monday Lectures delivered by internal and external speakers which are listed below:

Rupnarayan Mukherjee and Tanmay Singha Mahapatra, Post Graduate Student of Visva-Bharati Rabindranath Tagore's Socio-Economic Thought for Rural Reconstruction" and "Rabindranath Tagore's Thought for Co-operative: The Co-operative Principle 26.04.2013

Dr. Manojit Bhattacharjee, Assistant Professor, St. Joseph's College, Bangalore Modelling loan Repayment Behaviour in Developing Countries and Use of STATA software in Social Science Research 13.05.2013

Dr. Atish Prosad Mondal, Assistant Professor, St. Xavier's College, Calcutta (Autonomous) Prospects of Developing Sustainable Village Tourism in the Eastern Part of India 20.06.2013

Dr. Ranjan Kumar Biswas,

Senior Researcher, AERC, VB Agricultural Sustainability Depends on System of Farming 29.07.2013

Dr. Saumya Chakrabarti,

Hony. Director, AERC, VB Unorganised Manufacturing in India: Inclusion / Immiserisation? 05.08.2013

Mr. Debajit Roy,

Senior Researcher, AERC, VB Marketed & Marketable Surplus of Paddy: Some Empirical Evidences 12.08.2013

Mr. Vivekananda Datta

Senior Researcher, AERC, VB Assessment of Pre and Post Harvest Losses in Rice and Wheat in W.B. 19.08.2013

Saumya Chakrabarti

Hony. Director, AERC, VB Myth of 'Frictionless Transition': A Case for India 26.08.2013

Dr. Santadas Ghosh

Associate Professor, VB Research Design & Primary Survey: A Brief Introduction 30.08.2013

Dr. Santadas Ghosh

Associate Professor, VB Research Designs & Primary Survey: A Brief Introduction (Contd.) 02.09.2013

Sree Mithun Singha Roy

Research Scholar, VB Management of Forest Resources : A study of some management systems in West Bengal. 09.09.2013

Sree Somnath Ghosh

Research Scholar, VB Changes in the nature of slums in India. 16.09.2013

Prof. Felix Padel

School of Rural Management (IIHMR), Jaipur Ecology and Economy 20.09.2013

Sreemati Pritikana Char

Research Scholar, VB Market Structure of Certain Rural Handicrafts of West Bengal 30.09.2013

Ms. Anamika Muktan

Assit. Professor,

Dept. of Economics & Politics,

Visva-Bharati Quality of Employment in India 07.10.2013

Bhaskar Gupta

Dept. of Electronics & Telecommunication Engineering, Jadavpur University Effect of Cell Tower Radiation on Fruits, Plants and Agricultural Products 25.10.2013

National and International Conference/Seminar/Workshop/Exhibition etc.: attended by Teachers/Research scholars in details.

Saumya Chakraborty, Hony. Director presented the following papers entitled:

"National rural employment guarantee programme of India: how far equalizing?" in the 'Federalism and Inequality Conference' organized by the Centre for Latin American and Caribbean Studies, Watson Institute, Brown University, USA, 22-23 May 2013.

"Unorganized manufacturing in India: persistence of misery and a critique of transition" in the Silver Jubilee Conference on 'Labour and Development' organized by the IGIDR, Mumbai, India, 5-6 September 2013.

"Public policy and inequality alleviation / MGNREGP of India" in the 7th Congress of the Latin American Political Science Association, University of Andes, Bogota, Colombia, 25-27 September 2013.

"Informal sector: tortuous transition OR persistence of misery?" in the 23rd Annual International Conference on 'Contemporary issues in Development Economics' organized by the Department of Economics, Jadavpur University, India, 6-7 January 2014.

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S.. etc.):

Academic distinctions gained by Dr. Saumya Chakrabarti are as follows:

Received a project cum travel grant from Brown University, USA, May 2013.

Received a project cum travel grant from Redes Program of the National Ministry of Science and Technology of Argentina, Argentina, September 2013.

Editorial Board Member, Asian Journal of Research in Business Economics and Management. Since 2013.

Publications within the year April 2013 - March 2014

Books:

Organic Farming in India, Dr. Ranjan Kumar Biswas, New Delhi, New Delhi Publishers, 2014, ISBN:978-93-81274-57-6

Research Papers:

Saumya Chakraborty published the following papers entitled:

"Globalization and inclusive growth: a critical note" (co-authored by A. Chatterjee); in *Nrtattv: The Anthropology*; Vol. 3, No. 1; January-June 2013.

"Interrogating inclusive growth: Formal-informal duality, complementarity, conflict"; in *Cambridge Journal of Economics*; doi: 10.1093/cje/bet016, 17 July 2013 (online first); Vol. 37, No. 6; November 2013.

"Formal-informal dichotomy: revisiting the debate on agriculture-industry linkage"; in *The Economic and Labour Relations Review*; doi: 10.1177/1035304613517988, 14 January 2014 (online first); Vol. 25, Issue 1; March 2014.

"Conflict or coexistence? / a story of big and small retailers" (co-authored with T. Haldar); in *Review of Development and Change* (accepted on 31 January 2014).

Book Published

Saumya Chakraborty published a book chapter on "Agriculture - industry interaction in an open-economy framework: some theoretical observations"; in *Inclusion and Empowerment*, ed. P.K. Chattopadhyay; New Delhi Publishers, India; April 2013.

Dr. Saumya Chakraborty published a book chapter on "Economics of rural non-farm sector: certain characteristics and determinants" (co-authored with S. Mondal and A.K. Chattopadhyay); in *Rural Development in India: Challenges and Prospects*, eds. M. Ghosh and A.K. Chattopadhyay; Serials Publications, New Delhi; May 2013.

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A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

The agricultural sector constituted the most dominating sector of Indian economy. From the very beginning of the planning process, the policy makers and planners in India have given high priority to this sector. For successful implementation of various schemes and programmes, it was felt that region specific problems related to agriculture and allied sector need to be studied for having appropriate feedback from the grass-root level.

The Agro-Economic Research Centre for East India was established by the Ministry on July 1, 1954 at Visva-Bharati in tune with the University's long tradition of research in agricultural economics centering around the rural reconstruction programme of Gurudev Rabindranath Tagore at Sriniketan. Since its inception, the centre has been functioning within the Visva-Bharati University, its affairs being governed and managed by the University. The centre is financed by annual grants-in-aid from the Ministry of Agriculture, Government of India, New Delhi.

The main planks of activities of the centre initially included conducting village surveys, studies, investigations of the fundamental problems being experienced in an agricultural economy and rural development as also to provide technical advice to the central as well as state governments on the issues referred to by them. Since its inception the centre had been working on research problems suggested by the Directorate of Economics and Statistics, Ministry of Agriculture, Government of India, the focus of research being shifted from continuous village studies to specific policy-oriented studies which are of particular interest to the Ministry of Agriculture, Government of India.

With the passage of time, area of operation has undergone changes. At the time of inception, the Centre had a jurisdiction covering the states of Assam, Bihar, Orissa and West Bengal. The area was too large and with limited resources at the command of the centre, it was hardly possible to do proper justice to the problems in the individual states. With the opening of new centres at various places, at present, the centre has been operating in an area which comprises of West Bengal, Sikkim, and Andaman and Nicobar Islands.

The centre over its long life span of more than 59 years has done a lot of research activities and thus provided useful services to the nation and to the cause of academic upliftment of the university. By the year 2013-14, this Centre has completed 179 studies covering a wide spectrum of subjects pertaining to agricultural growth and development which inter-alia include employment, water resources, credit, small and marginal farmers, marketing, seeds, fertiliser, horticulture, rainfed farming, co-operation, land use, subsidies, regional planning, NGOs, food economics, fisheries, agro-rural industries etc.

As per the terms and conditions, the centre had been working on research problems suggested by the Directorate of Economics and Statistics, Ministry of Agriculture, Government of India. The Ministry of Agriculture has accorded permanent status to the centre in 1990 and then with a view to integrating the centre with the university, the ministry had decided to enter into a Memorandum of Understanding between the Union of India and the University. Therefore a Memorandum of Understanding was signed between the Union of India and Visva-Bharati University. Consequent upon the signing of MOU, the university formally issued notification regarding the integration of the centre with the university, and now the A.E.R.C, Visva-Bharati stands integrated with Visva-Bharati University.

Future plans of the department :

- 1) To generate an inter-disciplinary research environment knitting the vision of Santiniketan on the one hand and the applied activities of Sriniketan on the other, in view of the comprehensive ideals of rural reconstruction of Rabindranath Tagore.
- 2) To improve the quality of the research studies assigned by the Ministry of Agriculture, Government of India, in spite of its time constraints.
- 3) Producing working papers and publishable research outputs.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included:

The Centre has initiated to publish following Working Papers entitled:

- i) "Loan Repayment Problem in India"
- ii) "Inclusive Development"

SC/ST (SCHEDULED CASTE/SCHEDULED TRIBE) CELL

Visva-Bharati has set up a Special Cell for SC & ST in 1983 and it has the following activities:

The Special Cell for SC & ST has been set up by Visva-Bharati to look after the implementation of reservation policy in respect of student admission, recruitment of Teaching and Non-teaching staff, promotion of Non-teaching staff, Hostel accommodation and quarter allotment. Accounts Officer is acting as the In-charge of the Cell and he is assisted by one Section Officer, one Personal Assistant (Level-B), one Senior Assistant, one Office Assistant and one Peon. Now, this Cell is functioning as SC/ST/OBC Cell.

Prof. V.C. Joy, Zoology Department, Siksha-Bhavana, Visva-Bharati has been appointed as Liaison Officer (SC/ST) and Prof. N.C. Mondal, P.S.B. has been appointed as Liaison Officer of OBC to look after the interest of the OBC.

Apart from this, a Standing Advisory Committee on SC/ST has been constituted by the Upacharya to review and monitor the implementation of reservation policies in respect of the employees (Teaching and Non-teaching) recruitment and other matters and Students' Admission. Moreover, a Three Member Committee has also been constituted for proper implementation of reservation policy in respect of admission for SC, ST, OBC and Physically Disabled students in different Academic Departments/Schools.

The SC/ST Cell is maintaining the reservation roster of SC/ST/OBC and Persons with Disabilities in direct recruitment of Teaching and Non-teaching posts and in promotion of Non-teaching posts. The UGC Guidelines/Circular regarding reservation in admission and other related matters are circulated by the Cell to various Bhavanas / Departments from time to time for necessary action. All the letters, circulars, guidelines etc. relating to the implementation of reservations are also communicated to the Establishment Section for necessary action.

The Scheme of 'Remedial Coaching', 'Coaching for NET' and 'Coaching for Entry into Services' at UG & PG level was introduced for SC/ST/OBC and Minority students of the University as the UGC scheme under General Development Assistant grant during XI Plan Merge Scheme and students of these communities have been benefited.

The Karma Samiti (Executive Council) at its meeting held on 11.11.2013 vide its Resolution No. 59 accepted the recommendation of the UGC Expert Committee for strict implementation of reservation policy of Government of India for SC/ST/OBC/Differently abled Persons in the University for recruitment of teaching and non-teaching employees.

As per the Expert Committee's recommendation reservation has been implemented for SCs 15%, STs 7.5%, OBCs 27% and PWDs 3% in all levels of admission i.e. from School level to University level.

In view of the Executive Council's Resolution dated 11.11.2013, from the academic session 2014-15 the Scheduled Casts, Scheduled Tribes and Physically Disabled students of the University are exempted from payment of tuition fees and hostel accommodation fees.

The SC/ST Cell regularly collects Statistical Data and compiles for onward transmission to the UGC/MHRD/National Commission in the prescribed format from time to time. The replies to the Lok Sabha/Rajya Sabha questions and other organizations have been submitted from time to time to the concerned offices/organizations by the Cell.

Complaints, grievances lodged by the SC/ST/OBC/PWD students or employees have been timely looked into and brought to the notice of the higher authority for its proper redressal.

CENTRAL LIBRARY

a. Library Automation:

Visva-Bharati Library is connected with the Campus- wide Fiber Optic Network named GitanjaliNet (INFLIBNET). Library system has 107 PCs, 45 printers (including 2 network printer cum copiers), 1 slip printer and 20 barcode printers), one document camera, one web camera, one LCD projector at its Central Library and 12 Sectional Libraries. Library offers services and facilities of browsing e-journals, online-databases, e-books to its users. On-line searching, e-mail facilities for academic and research purposes, etc. have also been provided by the Library. Library Management Software LibSys-7 (Unicode Web compliant) is being used for automating the library activity and services. All daily library operations and services i.e. Acquisition of library documents, Cataloguing, Serial control, Circulation, OPAC, etc. are going on smoothly by using this Library Management Software. Library catalogue database covering almost total holdings of Central Library and other Sectional Libraries are accessible now on Intranet throughout campus network (172.16.2.2) and the full library catalogue database will be available on Web very soon with the help of Computer Centre, Visva-Bharati.

Presently, Visva-Bharati Library catalogue database holds 5,29,084 titles of documents containing 6,46,497 individual accession numbers including 48,417 bound volumes of journals and 1,938 theses. Number of 'Current Periodicals-2014' contains 233 titles. In addition, E-books have been added to the collection (3,836 titles in perpetual mode) and 82,477 titles subscription mode) from the world famous publishers/aggregators (Elsevier, Cambridge Online, Springer, Sage, Tailor & Francis, Oxford University Press and British Council Library) which have been linked with the library web page for browsing from the campus.

The Visva-Bharati Library invites its faculty members and research scholars to upload their publications in Open Archive and encourages others to browse your publications. The Open Archive now contains near about 120 articles of faculties and other members.

b. Library Digitization:

Under the 'Mega Digital Library project of India', CDAC, Kolkata the operator of this project, has completed scanning and digitizing work of 11,362 titles of old documents of the Central Library containing around 51 lakhs pages, in two phases i.e. phase-I and phase-II. We have received all the DVDs (238) of both the phases and metadata of that digitized documents are being created and will be available on library web page through the Campus Network.

Central Library has made an Institutional Repository of Syllabus of various course-curriculum and of Visva-Bharati. The question papers of different examinations held at Visva-Bharati since 2007 are also added to this Institutional Repository. These question papers / Syllabus can be accessed, downloaded and/or printed over the Campus Network through Central Library web page. This Institutional Repository is being regularly used by the library members.

c. E-Resources: -

The library has the following e-resources, which are regularly browsed through Central Library Home Page (<http://14.139.211.2> or <http://172.16.2.2>).

E-journals through UGC InfoNet Consortia (INFLIBNET)- 6600 +

Free e-journals from publishers -1050 +

On-line e-journals on subscription basis - 51 +

E-Books Purchased (Perpetual) & Subscription - 86313

Subscribed e-journals through J-Gate - 37000+

Subscribed e-journals through Emerald - 37+

Free online books - 869 +

DVDs of Old Digitized Documents of Central Library -238

CD-ROMs-620 +

d. Data bases access facilities:-

American Library, Kolkata
 British Council Library, Kolkata
 Cambridge Online
 DELNET, New Delhi
 Elsevier Science
 Emerald Management
 India Stat.Com
 J-Gate
 Odia Patrapatrika Sangraha (digital compilation of Odia periodicals) 1856-1950
 Oxford University Press
 SAGE e-Reference
 Sage Research Method Online (SRMO)
 Springer
 Taylor and Francis

Seminar / Workshop / Exhibition / other programmes organized by Central Library, Visva-Bharati :

- i) Eight Users Learning Programmes on 'How to use Library Resources' were organised for new library members of different departments on July 18 & 9, August 30, September 07, 2013 and February 14 & 25, 2014. Total 299 students and 10 faculty members of Patha Bhavana (Students of Library and Information Science as Vocational subject), Agriculture, Silpa Sadana, Physical Education, Social Work, Sangit Bhavana, and Bio-Technology have attended the programme.
- ii) A team of 33 students and 1 faculty of the Department of Library and Information Science, Calcutta University have visited Central Library, Visva-Bharati as a part of their educational tour on January 01, 2014.
- iii) A team of 9 students of the Department of Library and Information Science, Burdwan University, Burdwan have visited Central Library, Visva-Bharati on February 22, 2014.
- iv) Conference Hall, Central Library was used as venue for thirty seven (37) functions spread over the Reporting Year.

Conference/ Seminar/ Workshop/ Invited Lecture etc. attended by the Library staff:**Nimai Chand Saha**

- i) Invited as guest & speaker by Santiniketan Institute of Polytechnic on the occasion of 'Job Fair' and delivered lecture on the topic "Job fair as catalyst to bridging the gap among the employers and future employees: some tips" at the campus of the Institute on March 17, 2014.
- ii) Invited as resource person and delivered lecture on the topic "School Library services in the 21st Century: Issues and Challenges" in the 6th State Conference organized by All Bengal School Librarians' Association (ABSLA) on December 29, 2013 at S. P. Mukherjee Institution, Phulbagan, Kolkata.
- iii) Invited as guest & speaker by Kalna Mahakuma itihās O Puratattwa Charcha Kendra and delivered lecture on the topic "Pandit Taranath Tarka Bachaspati: well known from India to abroad" in the Bi-centenary birth anniversary observation of Pandit Taranath Association (ABSLA) on November 13, 2013 at Mahara Raja High School, Kalna, Burdwan.
- iv) Assigned as Coordinator for 'Library Unit' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the, REC, Visva-Bharati during August 10 - 31, 2013 at the Conference Hall, Central Library, Visva-Bharati. Total 17 participants have attended the programme.
- v) Invited as Resource Person and Delivered three lectures on 'Overview of the Library Training Program'; 'Library Stack Arrangement: How and Why?' and 'Central Library Visva-Bharati: Over view in modern perspectives' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the Rural Extension Centre (REC), Visva-Bharati on August 10, 19-20, 2013 at the Conference Hall, Central Library, Visva-Bharati.

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- vi) Participated and presented a paper entitled "Skill Requirements and Enhancements for Library Professionals in the Changing Scenario: Preview from Practical Experiences". In the National Conference entitled CTALEE-2013, organized by the DLIS, C.T. Bora College, Shirur, Pune, Maharashtra, during December 13-14, 2013.
- vii) Participated in the National Convention i.e. NACLIN-2013 on 'Emerging Technologies and Innovations in Library Practices', jointly organized by the DELNET, New Delhi and MNIT, Jaipur, Rajasthan and presented a paper in the session of poster presentation (December 10, 2013 at 4.30pm) on 'Marketing University Library Services and its Status at Central Library, Visva-Bharati: Way to Bridging the gap between Reach and Un-reach' during December 10-12, 2013.
- viii) Attended Annual General Body Meeting of DELNET, New Delhi on April 29, 2013.
- ix) Participated and presented a paper entitled 'Communication Media and National Integration in the 21st Century: A Missing Link' in the one-day National Seminar on "Communication for National Integration: The Issues in Role of Media" organized by Centre for Journalism and Mass Communication (CJMC), Visva-Bharati, Santiniketan and held at LIPIKA Auditorium on April 20, 2013

Kanika Debnath

- i) Invited as Resource Person and Delivered lecture on 'Processing of Library Resources: Theoretical Aspect' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the Rural Extension Centre (REC), Visva-Bharati on August 13, 2014 and also assisted on hands on training programme in processing work on August 19, 20 and 23, 2014 at the Conference Hall, Central Library, Visva-Bharati.

Tapas Kumar Das

- i) Invited as Resource Person and Delivered lecture on 'Library Circulation Section: Theoretical Aspect' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the Rural Extension Centre (REC), Visva-Bharati on August 12, 2014 and also assisted on hands on training programme in processing work on August 16, 17 and 19, 2014 at the Conference Hall, Central Library, Visva-Bharati.

Ajay Kumar Sharma

- i) Participated in "93rd Orientation Programme" at UGC-Academic Staff College, The University of Burdwan from January 04-31, 2014.
- ii) Invited as Resource Person and Delivered lecture on 'Acquisition and Services Library Journals: Theoretical Aspect' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the Rural Extension Centre (REC), Visva-Bharati on August 12, 2014 and also assisted on hands on training programme in processing work on August 16, 17 and 19, 2014 at the Conference Hall, Central Library, Visva-Bharati.

Sujit Kujur

- i) Participated in Workshop on DELNET: Resources and Services & Koha: An Open Source Integrated Library Management Software organised by National Institute of Technology Durgapur on March 01, 2014.
- ii) Participated in National Seminar on Higher Education in the Era of Privatization: Problems and Prospects organised by Burdwan University Officers' Association at the University of Burdwan during January 10-11, 2014.
- iii) Invited as Resource Person and delivered lecture on 'Reference Service: What? Why? Where?: Theoretical Aspect' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the Rural Extension Centre (REC), Visva-Bharati on August 10, 2014 and also assisted on hands on training programme in processing work on August 16, 17 and 22, 2014 at the Conference Hall, Central Library, Visva-Bharati.

Suman Sarkar

- i) Participated in Workshop on DELNET: Resources and Services & Koha: An Open Source Integrated Library Management Software organised by National Institute of Technology Durgapur on March 01, 2014.

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Partha Pratim Ray

- i) Participated as invited speaker and session Chairperson in the 'National Conference of Reprographic Rights and Copyright Act: Challenges and Management' held at Indian Statistical Institute (ISI), Kolkata during April 7-8, 2013.
- ii) Delivered four lectures as a resource person on different aspects of source of information, bibliographic styles, etc. to the students of Ph.D. course work 2013 of the Department of Education, Visva-Bharati from July 25-29, 2013.
- iii) Invited as Resource Person and delivered lecture on 'Library: past, present and future' in the Library Attendants Training Programme of the Casual Workers of Visva-Bharati, organized by the Rural Extension Centre (REC), Visva-Bharati on August 16, 2014 at the Conference Hall, Central Library, Visva-Bharati.
- iv) Delivered a lecture on 'Public Libraries as Information Dissemination Centre to Rural India' as Chief Guest in Public Library Day, celebrated at District Library, Suri on August 31, 2013.
- v) Participated and presented a paper entitled 'Tagore's Vision of Knowledge Dissemination and Development' in the National Seminar on the Legacy of Radhakrishnan: Representing India in the New Global Order organized by Vinaya Bhavana, Visva-Bharati from September 05-06, 2013.
- vi) Delivered six lectures in the Department of Library and Information Science, University of Kalyani under lecture series for the session 2013-14.

Koushik Ghosh

- i) Participated in a National Seminar on Swami Vivekananda on Socio-Cultural Integrity of Bharat jointly organised by Akhila Bharatiya Itihas Sankalan Yojana (ABISY), Eastern Zone and Indira Gandhi Centre for National Integration, Visva-Bharati, at IGCNI, Santiniketan, during 31st August - 1st September, 2013.

Sukumar Das

- i) Participated in 4 Day International Conference on "Interaction: Rabindranath and Local/Global Personalities" organized by Rabindra-Bhavana, V.B. on 21-24 Mar. 2014.
- ii) Participated in 2 Day Orientation Programme on "Rabindranath and Santiniketan" organized by Tagore Studies Unit, V.B. on 23rd. Feb. & 12th. Mar. 2014.
- iii) Completed the Course of 'Prabodh', 'Praveen' & 'Pragnya' conducted by the Dept. of Official Language, Hindi Teaching Scheme, New Delhi with a very good score during 2012-13.
- iv) Presented a captivating paper "Chithipatre Rabindranath Janmodin Prasngya" in the International Conference "A Man of Letters: Rabindranath Tagore and His Epistles" organised by Rabindra-Bhavana, V.B. in 2013.

Soumitra Kumar Chakraborty

- i) Participated in a Seminar on "Gramin Kabi O Sahittik Sammelan" by Karmi-Sangha, Sriniketan, on 7th February, 2014 at Sriniketan.

Publications

Nimai Chand Saha

Book:

- i) Ghosh, Koushik and Saha, N.C (2013). Usage of E-Journals by Science Scholars: Case Study of Visva-Bharati. Germany: Lambert Academic Publishing.

Souvenir:

- i) Saha, N. C. (2014). Job Fair as Catalyst to Bridging the Gap among the Employers and Future Employees: Some Tips. In the souvenir on the occasion of JOB FAIR during March 17-21, Santiniketan: Santiniketan Institute of Polytechnique.
- ii) Saha, N. C. & Das, M. K. (2013). Marketing University Library Services and its Status at Central Library, Visva-Bharati: Way to Bridging the gap between Reach and Un-reach. In the Souvenir of the NACLIN-2013, jointly

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organized by the DELNET, New Delhi and MNIT, Jaipur, Rajasthan on during December 10-12, Delhi: DELNET. [Abstract for Poster presentation].

Article in International/National Peer Reviewed Journal:

- i) Mondal, Bipul Chandra, & Saha, Nimai Chand. (2014). Status of College Libraries in the Present Digital Age with Special Reference to the Kalna and Barasat College Library: A Study. In Vidyawarta: Interdisciplinary Multilingual Referred Journal, 5(2), P. 148-154.
- ii) Mondal, Dhiman, Mondal, Bipul Chandra, & Saha, Nimai Chand. (2014). Bibliometric Analysis of Two Open Access Indian LIS Journals: Comparative Study. In Vidyawarta: Interdisciplinary Multilingual Referred Journal, 5(2), P. 139-146.
- iii) Saha, Nimai Chand. (2014). Steps, Issues & Challenges of E-Governance: Indian Perspective. In Vidyawarta: Interdisciplinary Multilingual Referred Journal, 5(1), P. 178-183.
- iv) Saha, Nimai Chand & Sinha, Keshab Chandra. (2014). Study of Rural Libraries: With Special reference to Chalantika Library of Gurudeva Rabindranath Tagore at Surrounding Villages of Sriniketan, Visva-Bharati. In Vidyawarta: Interdisciplinary Multilingual Referred Journal, 5(1), P. 156-165.
- v) Saha, Nimai Chand, Das, Subarna Kumar & Sharma, Ajay Kumar. (2013). Contributions in the Proceedings of PLANNER (2006-2010): A Bibliometric Study. In IASLIC Bulletin, 58(2), P. 93-107.

Conference Proceedings:

- i) Saha, Nimai Chand. (2013). Skill Requirements and Enhancements for Library Professionals in the Changing Scenario: Preview from Practical Experiences. In the proceedings of National Conference organized by the DLIS, C.T.Bora College, Shirur, Pune, Maharashtra, during December 13-14, P. 353-367.
- ii) Saha, Nimai Chand & Das, Mrinal Kanti. (2013). Marketing as Catalyst for Promoting Library Services in the 21st Century: Genesis and Challenges. In the proceedings of National Conference organized by the DLIS, C.T.Bora College, Shirur, Pune, Maharashtra, during December 13-14, P. 368-382.

Academic Distinction:

- i) Appointed as Guest Lecturer in the Department of Library and Information Science, University of Burdwan, Burdwan for the academic session 2013-14 and taking two classes in a week for the MLISc course.
- ii) Delivered 36 lectures (one hour each) as a resource person on different aspects Research methods to the students of Ph.D. course work 2013 of the Centre for Journalism and Mass Communication, Visva-Bharati from July 05-October 09, 2013.
- iii) Delivered 30 lectures (one hour each) as a resource person on different aspects Research methods to the students of Ph.D. course work 2013 of the Department of Physical Education, Visva-Bharati from July 25-October 09, 2013.
- iv) Delivered one lecture (two hours) as a resource person on 'Best use of Library Resources for Research Activities' to the students of Ph.D. course work 2013 of the Department of Bengali, Visva-Bharati on November 01, 2013.
- v) Incorporated as member of the Board of Studies of the Centre for Journalism & Mass Communication, Visva-Bharati from 2013.
- vi) Appointed as Research Co-guide at the Centre for Journalism & Mass Communication, Visva-Bharati from 2013.

Tapas Kumar Das

Journal Article:

- i) Das, Tapas Kumar. (2013). A bibliometric analysis of contributions in the journal 'Library Trends'. In Library Philosophy and Practice. Paper 1014.

Newsletter:

- i) Compiler / editor of Library e-Newsletter, 1 (3), March 2014

Conference Proceedings:

- i) Das, Tapas Kumar. (2013). Electronic Resource Management in Visva-Bharati Library System: A Study. In UGC

Sponsored National Conference on 'Academic Libraries: Challenges in the Electronic Era' organized by Sri Venkataramana Swamy College, Bantwal, Mangalore in collaboration with Dakshina Kannada & Kodagu Library Association (R) during Sept. 27-28, 2013, p19-25.

Ajay Kumar Sharma

Journal Article:

- i) Saha, Nimai Chand, Das, Subarna Kumar & Sharma, Ajay Kumar. (2013). Contributions in the Proceedings of PLANNER (2006-2010): A Bibliometric Study. In IASLIC Bulletin, 58(2), P. 93-107.
- ii) Sharma, Ajay Kumar. (2014). Indigenous Knowledge Communication in the 21st Century. In International Journal of Digital Library Services, 4(1), P.128-135.

Bulletin:

- i) Library Bulletin - 'Current periodicals-2013' for Visva-Bharati subscribed Journals.

Academic/Administrative Attachments:

- i) Member of the Editorial board of journal "International Journal of Digital Information and Knowledge Management".
- ii) Member of the Editorial board of the journal "Sangeet Galaxy".
- iii) Associate Editor of the journal "International Journal of Digital Library Services".
- iv) Webmaster of ABSLA (All Bengal School Librarian's Association).
- v) Webmaster of Central Library, Visva-Bharati.

Sectional Library

Partha Pratim Ray

Journal Article:

- i) Ray, Partha Pratim (2013), "Publication of Tagore's song offerings, the Gitanjali: a study". In Annals of library and information studies, 60(1), April 2013.P.15-21.
- ii) Ray, Partha Pratim (2013), "Rabindrasangit: Chronological Development", In Granthagar, 62(8), November 2013.P.231-241.

Book:

- i) Ray, P. P. & Sen, B. K. (2013). Knowledge Dissemination and Publication: Tagore in the Perspective of Information Science with. New Delhi: Concept Publishing.

Book Chapter:

- i) Ray, P. P. (2013). Copyright Free Publication of Tagoreana: a Study. In Dilip Kumar Sinha, et. al. (Ed.), Discourse of Reprographic Rights and Copyright: Contemporary Facets (pp. 35-45). Kolkata: ISI.
- ii) Ray, P. P. (2013). Impact of Information Communication Service for Rural Development. In Debabrata Das Gupta (Ed.), Advances of Rural Development for Sustainable Agriculture, Vol.3. Jodhpur: Agro Bios (India).

Newsletter:

- i) Compiler / editor of Library e-Newsletter, 1 (1-3), Jan.-Mar. 2014.

Keshab Chandra Sinha

- i) Saha, Nimai Chand & Sinha, Keshab Chandra. (2014). Study of Rural Libraries: With Special reference to Chalantika Library of Gurudeva Rabindranath Tagore at Surrounding Villages of Sriniketan, Visva-Bharati. In Vidyawarta: Interdisciplinary Multilingual Referred Journal, 5(1), P. 156-165.
- ii) Editor of Sankalan, 2014 Santiniketan: Visva-Bharati.

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Koushik Ghosh

Book:

- ii) Ghosh, Koushik and Saha, N.C (2013). Usage of E-Journals by Science Scholars: Case Study of Visva-Bharati. Germany: Lambert Academic Publishing.

Conference Proceedings:

- i) Ghosh, Koushik and Ghosh, K (2013). Swami Vivekananda and India's Icon. In National Seminar on Swami Vivekananda on Socio-Cultural Integrity of Bharat jointly organised by Akhila Bharatiya Itihas sankalan Yojana (ABISY), Eastern Zone and Indira Gandhi Centre for National integration, Visva-Bharati, Santiniketan during 31st August - 1st September, 2013. P. 58-63.

Sukumar Das

Article:

- i) Das, Sukumar. (2013, July 21). Kabigurur Nobel Puraskar: Satabarsher Aninai. Dainik Statesman.
- ii) Das, Sukumar. (2014). Chanakyaniti: Jivancharjai Aajo Gurutyapurna Aashraya. In Bhasapath, 1 (3).
- iii) Das, Sukumar. (2013). Vasantotsave Santiniketan. In Bhasapath, 1 (1).
- iv) Das, Sukumar (2013). Rabindra chetanai Prakriti o Srijaner duti anya rup: Sarodotsava ebang Ananda Bazar. In Chhatraverta, Sarad Sankhya.

Atanu Kumar Sinha

Article:

- i) Sinha, Atanu Kumar. (2013, July 10). Rathayatrar mahatma o adhyatikata. Sambad, Editorial column.
- ii) Sinha, Atanu Kumar. (2014, October 04). Mahalayar pitri paksher abosane Devi Mahamayar agomoni sur. Sambad, Editorial column.
- iii) Sinha, Atanu Kumar. (2013, December 23). Shantiniketaner aitijyabahi 7 ai Pousher utsava o mela. Sambad, Editorial column.
- iv) Sinha, Atanu Kumar. (2014, January 14). Joydev-Kendubilber melai Baul loko-sanaskritir probhab o prosar. Sambad, Editorial column.
- v) Sinha, Atanu Kumar. (2014, March 16). Ore griha banshi, khol dwar khol. Sambad, pp.1-2.

VISVA-BHARATI SPORTS BOARD

Organised Visva-Bharati Staff Football Tournament:

Total Fourteen teams participated in this competition. Central Administrative Building became winner and Siksha-Satra become Runner-Up.

Organised The Cab Tournament:

- a) Ajay Ghosh Memorial Trophy Tournament (Inter-University Cricket in W.B)
- b) Inter University Inter College T-20 Cricket Tournament.

Participation Inter University Competition:

	Game	Organising University
i)	Football (M)	West Bengal State University
ii)	Cricket (M)	Jadavpur University
iii)	Basketball (M)	Banaras Hindu University
iv)	Basketball(W)	M.G. Kashi Vidyapith
v)	Basketball (W) All India	N.T.R University
vi)	Athletics (M)	Punjabi University
vii)	Yoga (M&W)	Kurukshetra University
viii)	Table Tennis (M&W)	Calcutta University
ix)	Aquatics (M)	G.N.D University
x)	Chess (M)	Jadavpur University
xi)	Badminton (M&W)	B.I.T Mesra University
xii)	Kabaddi(M)	V.B.S Purvanchal University
xiii)	Volleyball (M)	L.N. Mithila University
xiv)	Gymnastics (M&W)	Kurukshetra University

Participation In Various Other Competitions

- i) Ajoy Ghosh Memorial Trophy Tournament
- ii) Inter University T-20 Cricket Tournament
- iii) Inter University Inter College T-20 Cricket Tournament(Runner up Vinay Bhavana)
- iv) St. Xavier's Inter College Tournament i.e.: i) Football - Champion ii) Basket Ball - Runner Up (Women) iii) Chess
- v) Inter University Football Tournament Organized by Indian Statistical Institution, Dunlop.

Organised Various Coaching Camps at the Ashrama Ground an New Physical Education Complex :

Football (M), Cricket(M), Basketball (M), Kho-Kho (M), Athletics (M), Yoga (M&W), Table Tennis (M&W), Aquatics (M), Chess (M), Badminton (M&W),Kabaddi (M)

Organised Sports Activities For Patha-Bhavana:

Organised in various tournament:

Inter class Competition in Football (M), Cricket (M), Basketball (M), Annual Athletic Meet

Organised Various Inter-Bhavana Competition

Visva-Bharati Annual Athletic meet, Inter Bhavana Football Tournament, Inter Bhavana Cricket Tournament, Inter Bhavana Athletic Meet at New Physical Education complex, Inter Bhavana Badminton, Basketball, Volleyball, Table Tennis (M&W) at Ashram Ground.

Ch-II

Organised Various Invitation Matches

On the occasion of Halakarshana the Visva-Bharati School Team played a football match with St. Xavier School at Sriniketan Ground. St. Xavier School won the match.

On the occasion of Silpotsava the Visva-Bharati Football team played a football match with Alia University at Sriniketan Ground and Visva-Bharati won the match.

Organised Inter-Department Competition

Inter Department Football and Cricket Tournament for Siksha-Bhavana, Vidya Bhavana, Bhasha Bhavana.

Organised National Conference:

National Conference on "Sports and Exercise Psychology : Carrere Development and Psychological Aspect of Youth Sports" collaboration with Sports Psychology Association of India and Department of Physical Education.

Organised International Conference:

International Conference on: "Traditional Sports and Modern Sports for the development of Global human resource" collaboration with International Pan Asian Society and Department of Physical Education.

Other Information:

Infrastructural Development

Renovation of Gymnasium hall at Visva-Bharati Sports Board near Ashram ground.

Water and Toilet facilities inside the Ashram ground.

Sitting arrangement at Ashram ground, Mela ground, Vinaya-Bhavana ground and Sriniketan ground.

Visva-Bharati Sports Board five units developing step wise.

New Swimming pool Construction already started at Vinaya-Bhavana area.

Other Important Information

First time Visva-Bharati Basketball (W) Team Qualified All India Inter Zonal Competition & Placed in 3rd Position in the East Zone Inter University Basketball (W) Tournament.

First time Visva-Bharati women Cricket team represent Birbhum District and participated in Inter District Cricket Tournament at Nadia and won the first match against Mursidabad.

Individual table champion on East Zone Inter University Chess Competition.

Three women cricketers selected and participated in the Bengal cricket coaching camp for women 2013.

First time Birbhum district women cricket coaching camp organized at Visva-Bharati.

PATHA-CHAKRA (STUDY CIRCLE)

Chairperson: Professor Sushanta Dattagupta, Vice Chancellor, Visva-Bharati

Secretary: Professor Amrit Sen, DEOMEL, Visva-Bharati

The Visva-Bharati Study Circle formed with the blessings of our founder had two broad interests. It was intended that it should be a medium of communication of the results of studies in different fields of investigation. The Study Circle which started in a mixed atmosphere of uncertainty and hope, gradually developed into an academic forum of Visva-Bharati. The noted features of the development are, broadly speaking, (a) the increasing emphasis in research in the treatment of subjects; (b) provision for lectures of scholars from outside Visva-Bharati.

Pandit Jawaharlal Nehru, the former Prime Minister of India wrote about the Study Circle in 1958 - " I think this is a very good idea and I send my good wishes for it." Indira Devi Choudhurani lauded it because it was vital 'primarily to the training of the mind of man', as well as in fostering 'interest in intellectual matters'. Nandalal Bose suggested that it made a 'useful contribution to the intellectual life of the institution through healthy discussions and discourses'.

Special Lectures Organized by the Patha-Chakra, Visva-Bharati in 2013-2014

1. Lecture titled, "The Way we see Tagore at SCOTS and Scotland" Delivered by Prof. Bashabi Fraser of Edinburgh Napier University, chaired by Professor Tapati Mukhopadhyay, Visva-Bharati on 23 July, 2013.
2. Lecture titled, "The Quest: Rabindranath in 1910" Delivered by Professor Krishna Sen, University of Calcutta, chaired by Prof. Sushanta Dattagupta, Vice Chancellor, Visva-Bharati on 14 September, 2013.
3. Lecture titled, "Truth or Fact? The Tagore Gandhi Debate". Delivered by Vivek Dhareshwar, Shrishti Foundation, chaired by Professor Tapati Mukhopadhyay, Visva-Bharati on 30 November, 2013.
4. Lecture titled, "India's Influence upon the Transcendentalists and the American Peace Movement" Delivered by Professor Richard Sharp, Catholic University, Washington, chaired by Professor Sukla Basu (Sen), Visva-Bharati on 7 March 2014.

Special Event organized by the Patha-Chakra

1. Professor Amartya Sen delivered the Dipankar Chatterjee Memorial Lecture 2013 on 21 December 2013 at 6.30 p.m at the Lipika Auditorium on "Objectivity in the Natural and Social Sciences". Professor Sen also released Professor Sushanta Dattagupta's book "Diffusion: Formalism and Applications" after the lecture.

Eminent scientists Professor Bikash Sinha and Professor Sumantra Chatterjee were present on the occasion.

CENTRE FOR WOMEN'S STUDIES

Departmental Seminar (Speakers, Title of the Seminar)

16 February 2013: A one-day conference jointly with Hindi-Bhavana, Visva-Bharati on "Empowerment of Youth Generations in India." On 16th April, 2013 at Central Library Conference Hall. Speakers were Dr. S.N. Subba Rao, an eminent Gandhian Social Worker and the able son of Baba Amte, Shri Bikas Amte.

2 September 2013: A one-day conference on "Debating Patriarchy: The Hindu Code Bill Controversy in India", on 2nd September, 2013. Speaker was Dr. Chitra Sinha, Academic advisor based in Bahrain.

3 February 2014: A special lecture on 'Gender Diversity in the Corporate Sector' on Date- 3rd February, 2014. Speaker was Sheela Lavakare, former Professor, Jamnalal Bajaj Institute of Management Studies, Mumbai University and Management Development Institution (MDI)

9-10 February, 2014: National Seminar on "Achievements of Women in Indian Theatre" & Production of RUDALI. Speakers were Smt. Uma Jhunjhunwala, Prof. Usha Upadhyay (HOD of Gujarati, Gujarat Vidyapeeth), Smt. Ishita Mukhopadhyay (Prominent Theatre Director), Dr. Sandhya Rani Patnaik (Asth. Prof. of Aeronautic College, Orissa), Dr. Usha Ganguly (Director of Rangakarmee Theatre Group, Kolkata), Prof. Ratan Prakash (Ranchi University, Jharkhand), Prof. Shruti Banerjee, (Dance department, Rabindra Bharati University, Kolkata), Prof. Tarak Sengupta (Drama department, Visva Bharati), Dr. Manabendra Saha (Associate Professor, Bengali Department, Visva-Bharati), Dr. Swati Ganguly (Associate Professor, English Department, Visva-Bharati), Shiva Sahay (PhD Scholar Hindi department, Visva-Bharati), Ms. Ritu Lata Biswal (PhD Scholar, Oriya Department, Visva-Bharati), Chandan Kumar Bharti (PhD scholar Hindi Department, Visva-Bharati), Ms. Subhra Ghosh (Women's Studies Centre, Visva-Bharati).

National & International standard Conference/Seminar/Workshop/Exhibition attended by Teachers/Research Scholars in details :

Subhra Ghosh, Research Assistant/Field Staff, Women's Studies Centre, Visva-Bharati

9-10 February 2014. National Seminar "Achievements of Women in Indian Theatre" organised by Women's Studies Centre in association with Karmi Mandali, Visva-Bharati and also presented a paper on "Kiranbala: An Eminent Heroine of Star Theatre".

21-22 February 2014. National Seminar "Impact of Globalization on Tribal Language & Culture" organized by Assamese Marathi & Tamil Language Unit of Bhasha-Bhavana, Visva-Bharati in collaboration with Central Institute of Indian Languages, Mysore and also presented a paper on "Globalization & Development of Santali Language & Literature".

23 February & 12 March 2014. Orientation Programme "Rabindranath & Santiniketan" organised by Tagore Studies Unit, Rabindra-Bhavana, Visva-Bharati.

Extension activities/NSS/Cultural & other activities organized by the Department and participated by the Teachers and Students of the Department:

June 2013 to Feb 2014: A number of meetings were organized by Centre for Women's Studies Centre, Visva-Bharati jointly with the members of self-help-groups (SHGs) from Moldanga, Fuldanga, Ballavpur, Binuria, Surul and few other villages near Santiniketan, representatives of local non-governmental organizations (NGOs) during June 2013 to Feb 2014 at Surul village. The purpose was to identify and to understand the problems of rural women and issues which can be addressed through training and workshop to be organized by the Centre and thus help in empowering these women.

17th August 2013: Centre for Women's Studies Centre, Visva-Bharati organized a Counseling Programme for all girl students of Visva-Bharati, University on 17th August, 2013. The theme of this counseling programme was "In Search of Stress Free Life". Shree Mihir Chatterjee from Nirmal Ananda School of Yoga Research, Kolkata was the instructor for Yoga, basic exercises and meditation in this programme. The counseling programme constituted of the following components: Physical Exercises, Breath Observation, Breath Exercise, Sound and Music, Image Visualization, Brain

Cells Stimulation, Relaxation: Inner Silence, Reiki. All students from various departments of Visva-Bharati like Bengali, Hindi, English, Japanese, and Zoology etc. participated actively.

10th September -17th November, 2013: 45 days Skill Development Initiative Training on Tailoring programme was organized by Women's Studies Centre, Visva-Bharati in collaboration with Surul Suprity Society (NGO) from 10th September to 17th November, 2013. For this training programme, the Centre provided full financial support and training inputs to rural women in and around Santiniketan. The participants were selected from different villages such as Surul, Binuria, Nichupatti, Kasim Bazar, Fuldanga, Moldanga, Sriniketan and most of the participants were from the Muslim community.

19 January to 22 January, 2014: Centre for Women's Studies Centre, Visva-Bharati organized a 4days awareness training Programme for the village women on 'Skill Development Initiative Training on Handling Essential House hold Affairs' supported by Surul Suprity Society in Surul Village, Birbhum, West Bengal. The participants were informed about L.P.G Handling, Awareness of Consumer Act., Operating Banking System, Awareness of Electrical home appliances, Mobile handling. After this training programme the director of Women's Studies Centre, Visva-Bharati provided Certificates to all trainees.

23rd December to 25th December, 2013: Centre for Women's Studies Centre, Visva-Bharati opened a stall on the occasion of the Poush Mela. Apart from a cultural programme, several discussion panels, poster and debate competitions were also organized by the Centre. An exhibition was also organized.

Publications within the year April 2013-March 2014.

Name of teacher- Dr. Tanusree Paul:

'Interrogating the Global/Local Interface: Workplace Interactions in the New Economic Spaces of Kolkata', Gender Technology and Development, 2013, Volume 17(3), pages- 337- 359

'Postgraduate Education in nutrition in south Asia: a huge mismatch between investments and needs', (co-authored) BMC Medical education, 2014, Vol. 14(3)

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

The Women's Studies The Centre for at Visva-Bharati was established under XI-plan in July 2009 to further the mandate of the University Grants Commission (U.G.C.) to generate awareness and facilitate empowerment of women through education, research and targeted interventions. Its vision is to promote and strengthen Women's Studies through teaching, research, documentation, field work and extension which will contribute erudite knowledge with socially relevant theories and open a dialogue in multidisciplinary collaboration. It also aims to initiate the gender perspective in all domains of knowledge and in the field of policy design and practice and to formulate new definitions and methods to lead to sensitization towards gender issues. Also its objective is to mould young students to give up gender biases, build on mutuality and embolden girl students and women to become active stakeholders in the process of nation building and build linkages with other women's organizations, women-activists and NGO's to open a dialogue in multidisciplinary collaborations. So it hopes to bring about the empowerment of women, through teaching, research and extension activities and study the needs of tribal, rural women and also women from disadvantaged groups to bring about social change.

Thrust Areas of Work: Tagore on Women, Women and Creativity, Women and History, Women and Development, Feminist Theory and Methods, Women and Environment, Women's Health and Child Development, Women Empowerment through Self-Help-Groups, Women, Media and Information Technology, Women's Writing and Literature, Women's issues (Private and Public), Women and Governance, Women's Education and Development

Future Plans:

To become financially strong with self-financed and self-sustained projects and consultancies. To offer M.Phil programme from August, 2015 and hence, the Centre is presently working on developing curriculum for the said programme.

Pearson Memorial Hospital

Santiniketan is a place where Rabindranath Tagore started his Ashram School in 1901. Later on, he established the Visva-Bharati University in 1921 for advanced study and research. As Santiniketan is situated in rural Bengal, far away from Kolkata, he felt the special need of health services for scholars, researchers, students coming from different parts of the country and abroad, and also for others living in and around Santiniketan. To meet this need the building of Pearson Memorial Hospital started in 1927 at Santiniketan. W. W. Pearson was a friend of India and died at a young age.

But, the growth of this hospital falls much short of expectation. As a consequence, the health of the scholars, researchers, students and others in the University could not be assured. This directly affects the education in the University. Moreover, this hospital fails to provide services to the people not associated with Visva-Bharati due to meagre fund allocation under UGC.

At present, P. M. Hospital has following infrastructure, Doctors with position, staff strength and facilities:

- 1. Beds : 35
- 2. Services : a) OPD service;
: b) Emergency Medical Service
: c) Indoor Patient's Care
: d) Operations. 1. General Surgery 2. Gynaecological Surgery
: e) Pathological Laboratory for general investigations of blood and serum, stool and urine, sputum,
: f) X-ray,
: g) ECG
: h) Dispensary for medicine disbursement
: i) Ambulance Service
: j) Participation in National Health Programms
: k) Sanitary Health service
- 3. Doctors Administration : A. Chief Medical Officer (Admn.) One
: B. Medical Superintendent One

Specialist Medical Officer : Four.

- 1. Medicine
- 2. Surgery
- 3. Gynaecology
- 4. Anesthesiology

4. Staff Nurses : 12 with other supporting employees.

5. In addition, there is one more Dispensary with two more general duty Medical Officers situated at Sriniketan, the agriculture and rural construction education centre of the university.

Our Strength:

- ☞ We have four regular specialist medical officer and provide Primary as well as secondary level of health care. Such facilities are not available in any university system.
- ☞ We provide emergency medical service round the clock.
- ☞ We provide ambulance service round the clock.
- ☞ We have our own investigation facilities to reasonable extend.

Our weakness :

- * We are situated in the Rural bengal where tertiary health care facilities are not available.
- * Any seriously ill patient suffering from head injury, cerebral or cardiac stroke, pulmonary edema or respiratory

failure, etc. are to be transferred to Kolkata or Durgapur on emergency basis for treatment. Often there is irreparable damage to the health of the patient before the proper treatment is obtained from the tertiary level centre.

* As the medical service is non-technical and supportive system in the university, liberal fund allocation and new post creation for the hospital is uphill task.

* As a consequence, health in the university cannot be fully assured to attract renowned teachers, scholars and others with health problem.

Brief Profile of some Ancillary Departments

Among the all odds, to improve the health facilities in the university, administration has decided for up-gradation of hospital facilities under the XIth Plan and accordingly, a new building of hospital is coming up. It is also decided to go for Private Public Partnership to improve the university health service to the tertiary health care.

A Glimpse of services we rendered :

Patients' Attendance

Year	OPD
2009-10	35236
2010-11	36670
2011-12	39953
2012-13	39537

Indoor Admission

Year	No.
2009-10	1125
2010-11	1089
2011-12	965
2012-13	869

Blood Laboratory (without Pathologist)

Year	General Pathology	Biochemistry	Total
2009-10	9674	8942	18616
2010-11	9808	8965	18773
2011-12	11033	9627	20660
2012-13	11382	8824	20206

X-Ray (Without Radiologist)

Year	No.
2009-10	3423
2010-11	3228
2011-12	2849
2012-13	3047

ECG

Year	No.
2009-10	1536
2010-11	1665
2011-12	1832
2012-13	2144