yatrac nevesa bhavatyekekanidam

YWATRA VISVAM BHAVATYEKANIDAM
(Where the World makes its home in a single nest)
Visva-Bharati Annual Report 2012-13

Foreword

I am pleased to write the Foreword of this year’s Annual Report. During the period of this report over the last one year Visva-Bharati has made important strides towards fulfilment of its academic, administrative and financial objectives.

In the academic sector we have made it a point to hold our Convocation regularly every year so that deserving students do not suffer. A very large number of Ph.D degrees, numbering more than two hundred, have been awarded over the last one year. The Visva-Bharati Central Admission Test is being reviewed by a committee, chaired by Prof. Suranjan Das, Vice-Chancellor of Calcutta University with the aim to make further improvements on its format, contents, etc. Initializing schemes of Visiting Professors, Scholars-in-Residence and other visiting positions have opened up the University once again to outside scholars, thus rejuvenating the academic atmosphere further. We have also had a larger number of foreign students enrolled this year. A META university programme encompassing Visva-Bharati, Calcutta University and I.I.M., Joka, offers exciting possibilities of networking and complementing each other in respective positions of strengths and weaknesses. A committee with external participation is looking into means to further improve cherished objectives of Patha-Bhavana. Concomitantly, renewed attention is being paid to Sriniketan in general, and Siksha-Satra in particular, to bring them back into the mainstream of Visva-Bharati. Various events conducted by Sangit Bhavana on 'Song Offerings', Asia's first Nobel prize and Visva-Parichay throughout the country, have been much appreciated. The last but not the least, the India
Today rating of Kala Bhavana as the number one undergraduate curriculum in Fine Arts in India, has brought a lot of joy and has instilled tremendous self-confidence.

On the administrative and financial fronts it is a matter of gratification that we have been able to settle the terminal benefits of our employees during the very month of their retirement. The genuine needs of a large number of our colleagues towards pay fixation, etc. have been catered to.

For the first time in Visva-Bharati's history its girls’ basketball team has crowned the East Zone championship. Regarding the physical ambience of the campus it is for everyone to see that the environment is cleaner, greener, more illuminated and free from plastics and other intrusive materials.

I am overall happy with the progress we have made but am also fully aware that a lot more needs to be achieved before we can bring back the old glory to this great university.

(Sushanta Dattagupta)
Vice-Chancellor
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Chapter-1

Introductory Overview

The genesis of Visva-Bharati, goes back to the middle of the nineteenth century. In 1863, Maharshi Debendranath Tagore, the Poet’s father, chose a tranquil piece of land by the side of the river Kopai to perform heavenly endeavour. Under the shade of two “Chhatim” trees he built a small retreat for meditation. Day by day he felt peace of mind and soul. In 1888, he dedicated this place for establishing an ashrama and also provided for establishment of a Brahma Vidyalaya and a library.

Later on, on the 23rd day of December, 1901 (7th Poush, 1308 BS) Rabindranath Tagore started a school called Brahmacharyasrama with no more than five students on the roll. Today, this has come to be known as Patha-Bhavana.

The formal inauguration of Visva-Bharati took place on December 22 in the year 1921. The constitution of Visva-Bharati was registered in May 1922. On 1st May, 1951, Visva-Bharati was declared a Central University and an Institution of National Importance by an Act of Parliament.

The dream of the founder Acharya Rabindranath Tagore was to create Visva-Bharati as a place where the world makes a home in a single nest – Yatra visvm Bhavatyekenidam. The Western culture should be studied along with the Eastern to blend into common fellowship, and to provide a centre where study and research on religion, literature, science and art of all civilizations free from antagonisms of race, nationality, creed or caste, would be made.

The statute and functions of all the major institutions of the University have been redefined in Amendment Acts of 1961, 1971 and 1984 and the university continues to grow with new areas and courses along with the original ones.

Institutional Structure Today

Visva-Bharati, as per the Act of Parliament of 1951, has the President of India as the Paridarsaka (Visitor) and the Governor of West Bengal as the Pradhana (Rector). The President of India appoints the Acharya (Chancellor) and the Upacharya (Vice-Chancellor) of the University. The Act of 1951, with certain amendments made by Parliament thereafter, and the Statutes of Visva-Bharati constitute the basis of the powers and functions of the university and its constituent authorities. The chief decision-making bodies of the university are the Samsad (Court), the Karma Samiti (Executive Council), the Siksha Samiti (Academic Council), the Artha Samiti (Finance Committee), and the various Institute Boards and Patha Samitis (Boards of Studies).

The University has the following Institutes, namely:

At Santiniketan

Bhasha-Bhavana (Institute of Languages, Literature & Culture)
Vidya-Bhavana (Institute of Social Sciences)
Siksha-Bhavana (Institute of Science)
Kala-Bhavana (Institute of Fine Arts)
Sangeet Bhavana (Institute of Music, Dance & Drama)
Vinaya Bhavana (Institute of Education)
Rabindra Bhavana (Institute of Tagore Studies, Museum & Archives)
Patha Bhavana (Institute of Primary & Secondary Education)

At Sriniketan

Palli Samgathana Vibhaga (Institute of Rural Reconstruction)
Palli Siksha Bhavana (Institute of Agricultural Science)
Siksha Satra (Institute of Primary and Secondary Education)
At Kolkata

Grantha Vibhaga (Publishing Department)

Besides, Visva-Bharati also guides the functioning of Agro-Economic Research Centre (A research centre sponsored by the Ministry of Agriculture integrated with Visva-Bharati) and the Computer Centre, which functions as a service centre that helps both academic and administrative departments, in addition to performing its academic functions.

Socially Relevant Research and Other Activities

Steps were taken to promote socially relevant research work in Humanities, Physical and Social Sciences, and need-oriented extension activities of weaker sections.

A short review of the various activities in consonance with the above is given below:

The major areas of research covered by Siksha-Bhavana (Institute of Science) include Plants and Herbicides, Crop-nutrition, Forestry, Pisciculture, Atomic Research, Environmental pollution concerning Agricultural production and fisheries and also Industrial pollution, Immunization of plants and identification of certain epidemics. The Department of Zoology has been identified as a department of Special Assistance by U.G.C. under the special Assistance Programme with two thrust areas of teaching and research namely Fish Biology and Environmental Biology.

The Agro-Economic Research Centre took up research work related to (a) Role of Non-Government Agencies in Agricultural Development in Bihar, (b) Marketing of Agricultural Commodities concerning processing and input supply, (c) Decentralised planning in Agriculture and Rural Development, (d) Effect of Subsidies on Agricultural Development, (e) Economic Viability of Marginal and Small Farms and (f) Agricultural Marketing with special focus on progressing and inputs supplies (West Bengal).

Palli Samgathana Vibhaga sought to bring about regeneration of village life through self-help and self reliance in the villages around Santiniketan and Sriniketan through action-oriented programmes such as Mass Literacy programme, adult education, programmes undertaken by Brati Balak and Youth Organisation, rural library services, craft extension & training, etc., especially in the areas inhabited by scheduled castes and scheduled tribes and other backward classes.

Palli Charcha Kendra (Centre for Rural Studies) focused its attention on Anti-Proverty programmes in Rural Areas with an in-depth study of “Operation Barga”, Agricultural Production and Agricultural Marketing under ICAR, and studies in Language Corruption and Culture confusion of the Tribal Communities, especially the Santhal Community.

Palli Siksha Bhavana (Institute of Agricultural Science) took up (a) All India Coordinated Research projects on weed control under USDA and ICAR, (b) Nocil Research project on Weed Control on rice, (c) Oil-seed research scheme, (d) The effect of Neem Extract created on various crops, (e) A village level survey on nature, composition and utilisation of wastes under NROER and (f) Effect of irrigation and nitrogen on growth of crops, Agricultural Economy for the growth of Farm-Capital by introducing large scale, Jute, Sugarcane, Mustard Seed cultivation under the sponsorship of Visva-Bharati. Apart from the above, socially relevant projects undertaken by the Department of Plant Protection included (a) Integrated Pest Management, (b) Post-harvest Pathology, (c) Nematode Ecology, etc. A Soil Testing laboratory has also been set up in collaboration with the State Government, developing efficient soil testing methods for estimation of available soil phosphorous and potassium in lateritic soils in relation to production of rice crop.

The Department of Social Work organised programmes of socially relevant field studies like (a) Drop-outs to join schools, (b) Utilisation services of the health centres, (c) Investment in Agriculture and Industry by Co-operative Banks, (d) Family in socially distress, (e) Self-employment for SC/ST community and other backward classes of the rural population and special projects for the physically handicapped. It further initiated a community-based rehabilitation programme in collaboration with other governmental agencies in the neighbouring villages.

The Institute of Humanities and Social Science took up research programmes in Philosophy, Religion, History, Economics,
Political Science and various languages, both Indian and foreign. Mention may be made of Bengali, Sanskrit, Palli & Prakrit, Persian, Urdu, Hindi, Santhali, Oriya, Tamil, Marathi, Tibetan, Chinese, Japanese, Russian etc. Special studies on Buddhist literature and religion are being carried out in the Departments of Chinese Language & Culture and Indo-Tibetan Studies. They have a rich store house of old manuscripts. The Department of Oriya has taken up a special study of the Folklore of Orissa. Nippon Bhavana, i.e., the Japanese Studies & Culture Centre has been re-oriented towards cultural programmes between India and Japan with financial assistance from Japan.

That apart, the Indira Gandhi Centre for National Integration organises workshops and seminars on curricular development to determine how the culture of National integration may be taken up in the Secondary and Higher Secondary schools as a course of studies.

Apart from regular curricula in Computer Science at B.Sc. and M.Sc. levels, there is an independent Computer Centre of marked distinction imparting regular training and computation facilities to the Visva-Bharati community, both academic and administrative, to foster the generation of a computer culture. Computation facilities are also available in the following departments: English, Botany, Kala Bhavana, Mathematics, Palli Siksha Bhavana, Physics, Rabindra Bhavana, Zoology, and Agro-Economic Research Centre.

Mention may also be made of extension activities of students, which were marked by a special and socio-economic significance. These were organised in the form of regular programmes of NCC, NSS, Physical Education, and functions and festivals, including educational excursions which entailed an interaction with the people of the adjoining rural areas, mostly inhabited by scheduled castes and scheduled tribes. The salient features of these extension activities related to social services, protection of the environment, eradication of illiteracy, primary health care as also the campaign against drug addiction.

The above gives a comprehensive view of the steps taken by the university to promote socially relevant research in tune with the dream of its founder Rabindranath Tagore, who looked forward to social uplift in India through socially relevant education programmes.

Functions and Festivals

The functions and festivals of Visva-Bharati are unique and have influenced, to a great extent, the life-style of the members of the University community. On these occasions, the entire community comes together in the wide open beauty of nature to experience a total Ashram life, chanting Vedic hymns and singing Rabindra Sangeet in the Mandir, Chhatimtala and Amarakunja.

Santiniketan Karmi-Mandali organised the following functions and festivals of the University during the year 2012-2013:

i. Varsha-Sesh on the occasion of Bengali year ending on 13th April 2012 (Friday, 30th Chaitra, 1418 BS).
ii. Nava-Varsha on 14th April 2012 (Saturday, 1st Vaisakh, 1419 BS).
iii. Gurudev’s 151th Birth Anniversary was celebrated on 8th May 2012 (Monday, 25th Vaisakha, 1418 BS).
iv. Gurudeva Smarana, the 71th death anniversary of Gurudev and Vriksha ropan was observed on 8th August 2012 (Wednesday, 22nd Shravana, 1419 BS).
v. Halakarshana Utsava, celebrated on 9th August 2012 (Thursday, 23rd Sravana, 1419(BS) at Sriniketan.
vi. Rabindra Saptaha was observed from August 8 to 14th, 2012 (Shrabana 22 to 28, 1419 BS) Several lecture programmes were arranged at Sriniketan and Santiniketan on various topics related to Gurudev Rabindranath Tagore.
vii. Silpotsava was celebrated in Silpa Sadana, Sriniketan on 17th September 2012 (Monday, 31st Bhadra, 1419 BS).
viii. Poush Utsava was observed on 23rd December 2012 (Friday, 7th Poush, 1419 BS) at Chhatimtala, the beginning of a three days-festival with various cultural programmes, exhibitions, fire works and other entertainments widely known as Poush Mela.
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ix. Maharshi Samarana, the death anniversary of Maharshi Devendra Nath Tagore was observed on 21st January 2013 (6th Magh 1419 BS).

x. 90th Anniversary celebration of Sriniketan was observed from February 6 to 8, 2013. A three days festival with various cultural programmes, exhibitions, fire works and other entertainment widely known as Magh Mela.

xi. Vasanta-Utsava, another popular festival was celebrated with traditional enthusiasm and gaiety on the day of Dolpurnima, 27th March 2013 (Wednesday on 13th Chaitra, 1419 BS).

Other Functions and Festivals—01.04.2012 to 31.03.2013

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<td>Dinendra Janmotsava</td>
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<td>December 25, 2012</td>
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<td>January 23, 2013</td>
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Finance

The University is almost totally dependent on the U.G.C. grants for day to day running expenditure, a major part of which is in the nature of salaries etc. to teaching and non-teaching staff. The Maintenance grant (2012-2013) received from U.G.C. is Rs. 14,846.92 lakhs as against actual expenditure to the tune of Rs.12,737.55 lakhs during 2011-2012.

Endowment Lectures in 2012-13

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<td>6</td>
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<td>Rabindranath O Bankim Chandra Bankim Chandra</td>
<td>Central Library, 04.03.2013</td>
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OBITUARY
As on 01-04-2012 to 31-03-2013

1. Moli Pal, former Employee, Vidya-Bhavana, Visva-Bharati
2. Subhas Roy, former Asst. Lecturer, Siksha-Satra, Sriniketan
3. Biren Hazra, former Employee, P.M Hospital, Visva-Bharati
4. Subhas Chowdhury, former Employee, Granthana Vibhaga, Kolkata
5. Arun Mukherjee, Employee, Palli Siksha Bhavana, Sriniketan
6. Surendranath Chatterjee, former Adhyapaka, Palli Charcha Kendra
7. Sashi Ranjan Chakraborty, former Employee, Central Library, Visva-Bharati
8. Manabesh Chandra Moitra, Employee, Palli Samgathana Vibhaga, Sriniketan
11. Anath Bandhu Roy, former Employee, Guest House, Visva-Bharati
12. Sushil Kumar Sarkar, former Employee, Engineering Dept. Visva-Bharati
13. Som Hembram, former Employee, Garden Section, Visva-Bharati
15. Inder Kumar Gujral, former Chancellor
16. Bhanu Gopal Basu, former Dy. Registrar
17. Bangabala Bhattacharya, former Professional Assistant, Hindi-Bhavana
18. Durga Pada Hazra, former Employee, Library
19. Atunu Banerjee, former employee, Watch & Ward Section
20. Jaydev Hazra, former employee, Patha-Bhavana
21. Mariram Bagdi, former employee, Horticulture, P.S.B.
22. Ekleta Khan, former Nurse, P.M. Hospital
23. Sunil Kumar Goswami, former Asstt. Engineer, Engineering Department
24. Dulal Chandra Das, former Ground Man, Physical Education
25. Sudhir Kumar Laha, former Senior Compositor, Press
26. Mohan Chandra Garai, former employee, P.M. Hospital
Category wise Administrative Staff as on 31-03-2013

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<tr>
<td>B</td>
<td>68</td>
<td>12</td>
<td>12</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>C</td>
<td>358</td>
<td>51</td>
<td>65</td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td>D</td>
<td>174</td>
<td>32</td>
<td>106</td>
<td>28</td>
<td>20</td>
</tr>
</tbody>
</table>

UNIVERSITY AT A GLANCE

Total no. of Students : 8353  (Male—4837, Female—3516)

Total no. of Teaching Staff : 650 (Professor—51, Associate Professor-108, Asst. Professor-356, Asstt. Lect.—135)

Total no. of Administrative Staff : 1086

Total no. of sanctioned post of teaching staff (Prof. 70, Associate Prof. 153 Asst. Prof. 414, Asstt. Lect. 159)
Total no. of sanctioned post of administrative staff (Group-A 90, Group-B 119, Group-C 686, Group-D 871)
Student Composition as on 31.03.2013

![Chart of Student Composition]

<table>
<thead>
<tr>
<th></th>
<th>Gen</th>
<th>SC</th>
<th>ST</th>
<th>OBC</th>
<th>PH</th>
<th>Minority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>2729</td>
<td>865</td>
<td>293</td>
<td>714</td>
<td>36</td>
<td>200</td>
</tr>
<tr>
<td>Female</td>
<td>2327</td>
<td>510</td>
<td>179</td>
<td>377</td>
<td>16</td>
<td>107</td>
</tr>
</tbody>
</table>

Teaching Staff Composition as on 31.03.2013

![Chart of Teaching Staff Composition]

<table>
<thead>
<tr>
<th></th>
<th>Professor</th>
<th>Asso. Professor</th>
<th>Asst. Professor</th>
<th>Asst. Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>44</td>
<td>92</td>
<td>269</td>
<td>78</td>
</tr>
<tr>
<td>Female</td>
<td>7</td>
<td>16</td>
<td>87</td>
<td>57</td>
</tr>
</tbody>
</table>
Ch-1

Administrative Staff Composition as on 31.03.2013

<table>
<thead>
<tr>
<th>Gender</th>
<th>Gen</th>
<th>SC</th>
<th>ST</th>
<th>OBC</th>
<th>PH</th>
</tr>
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<tr>
<td>Male</td>
<td>650</td>
<td>192</td>
<td>42</td>
<td>33</td>
<td>6</td>
</tr>
<tr>
<td>Female</td>
<td>101</td>
<td>36</td>
<td>19</td>
<td>7</td>
<td>0</td>
</tr>
</tbody>
</table>

Percentage of Student, Teaching Staff and Administrative Staff as on 31.03.2013

- **Student**: 88%
- **Teaching Staff**: 7%
- **Administrative Staff**: 12%
Introduction
Bhasha-Bhavana, the Institute of Languages, Literature and Culture, was set up in order to promote interaction between various language departments in the varsity campus of the university. It embraces the major faculties of the university with ten major departments. These ten departments offer the regular courses of English and other Indian languages such as Sanskrit, Bengali, Hindi, Odia, Marathi, Tamil, Assamese, Pali, Prakrit and Santali, and Foreign Languages, i.e., Chinese, Tibetan, Arabic and Japanese as well as some subsidiary units, such as Centre for Buddhist Studies etc., functioning under the Bhasha-Bhavana.

Generally, it offers regular courses of study both at the undergraduate and the post-graduate levels as well as Research and M.Phil. facilities in their constituent Departments for Languages, Literature and Culture. The Language Certificate Courses are mainly for regular students and the staff members of Visva-Bharati and the resident of the locality. A one-year integrated course on Indian Culture and Civilization is offered to foreign students.

A good quantity of manuscripts in Sanskrit, Bengali, Odia, Tibetan, Arabic and Persian are preserved in the departments concerned under Bhasha-Bhavana. Visiting Professors and scholars from all over the world regularly visit Bhasha-Bhavana where exchange of ideas open up new areas of research, to which significant contributions have been made. Bhasha-Bhavana holds the promise of upholding Tagore's great idea towards establishing National Integration and harmony through dissemination of learning and the values of self-sacrifice and universal brotherhood.

Bhasha-Bhavana has also initiated the very activity of interdisciplinary studies and the process of acculturation what Gurudev Rabindranath Tagore desired for. The Bhavana is also honoured to announce that Department of Chinese Language and Literature, Bhasha-Bhavana Visva-Bharati has been organizing student exchange programme with the Yunnan University of China.

Seminar/Conference/Symposium
A Three-Day National Seminar on "Rabindranath Tagore and Indian Folkloristics" was organized by Bhasha-Bhavana from 14-16 February, 2013 in collaboration with Indian Council of Social Research (ICSSR), New Delhi.
DEPARTMENT OF BENGALI

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

- NET with JRF: 5
- NET: 12
- RET: 7

Departmental Seminars

A. Sri Susobhan Adhikary delivered Rathindranath Tagore Memorial lecture on “Shilpi Rathindranth” on Nov. 27, 2012, birth day of Rathindranath.

B. Prof. Amitrasudan Bhattacharya delivered “Nripendrachandra Smarak Baktrita” Bankimchandra O Rabindranath on March 04, 2013

Extension activities/ NSS/Cultural and other activities


Academic distinctions gained by

a. Prof. Sudip Basu was recipient of Sarba-Bhasha Sahityakar Samman by Akhil Bharatiya Sahitya Parishad, New Delhi, at Bhopal (Madhya Pradesh) on October 19, 2012

b. Dr. Milankanti Biswas was awarded Adwaita Mallabarman Smarak-samman-2013 by Uttarbanga Natyajagat, Siliguri on March 3 , 2013

Alibha Dakshi

Publication

Article:


Conference/ Seminar/ Workshop etc.

National Seminar

1. Presented a paper on Bangla Bhashabiggan o Rabindranath on 9.4.2012. in a Three day National seminar on Visva Banga Sahitya o Sanskriti, Ranchi, 8-10.04 2012


Sudip Basu

Article:

1. “চিলত গদি েআিেলন সবুজ েপির ভূিমকা,” িবি�ারতী িপিকা, েঅিাবর-িেডসির ২০১২।

Seminar on Swami Vivekananda organized by the Sukumar Sengupta Mahavidyalaya, Keshpur, Midnapur, on 29th February 2013.

3. Delivered lecture in the International Seminar on Swami Vivekananda organized by the Vidyasagar Centre for Indological Studies, Rabindra Bharati University, on 25th March 2013.

Annual Report 2012-13
Amal kumar Pal
Conference/ Seminar/ Workshop etc.
2. Presented paper on ‘Rabindranath Thakurer Vidyalay Bhabna’ in the International Conference ‘Tagore and global vision: foregoing bonds with Worlds’ organised by Dept. of History VB on 15/01/2013
3. Chaired a session National Seminar on Rabindranath Tagore and Indian Folkloristics organised by BhashaBhabana, VB, in collaboration with ICSSR, New Delhi, CIIL, Mysore on Feb 14-16 2013, Santiniketan
4. Presented paper on ‘Tagore’s influence on Bengali Poetry’ in the seminar organised by Assamese, Marathi and Tamil language unit, VB on 08/03/2013

Publication:
Books:

Aparna Roy
Conference/ Seminar/ Workshop etc.
2. Delivered lecture as a resource person on the topic ‘Reading of Social History Through MSS’ in National Level Workshop organized by National Mission for Manuscripts, New Delhi in collaboration with Dept of Odiya, VB, February 2013

Abhra Bose
Conference/ Seminar/ Workshop etc.
2. Keynote address of the UGC Sponsored National Seminar on Gitanjali and Rabindranath organized by Prabhat Chandra College, Contai, 21 March 2012.

Publication:
Articles:
1. ‘Jibansmritir sangrupbishaya ekta prastab, Rabindra Bhavana, July August 2012, ISSN 2277-6354
2. Inrejite Rabindra kabitar Satobarsha: Sima O Sambhabana, Rabindra Bhabana, April June 2012 ISSN 2277-6354
3. Madhusudaner Siksha, Sikshay Madhusudan, Korak, May-August 2012
4. Rabindrachetanay Himsha o Juddha, compiled in a volume titled Violence and its Representation, published by the Academic Staff College, University of Burdwan, August 2012

Other Academic / Administrative activities:
1. Nominated as a Reviewer of a Peer Review Journal The Prism (ISSN : 2229-7537) published from MG College, Purulia
2. Co-Editor, Quarterly Journal Rabindra Bhabana ISSN: 2277-6354

Atanu Sasmal
Conference/ Seminar/ Workshop etc.
1. Presented Paper titled ‘RabindranatherKhapchara’ on the occasion of National Seminar on Rabindranath Tagore and Indian Folkloristics organised by BhashaBhabana, VB, in collaboration with ICSSR, New Delhi, CIIL, Mysore on Feb 14-16 2013, Santiniketan
Publication:
Book

Manabendranath Saha
Conference/ Seminar/ Workshop etc.
1. Delivered lecture on ‘Khandahar’ organised by Kolkata Film Festival in 16.11.2012

Manabendra Mukhopadhyay
Conference/ Seminar/ Workshop etc.
1. Delivered lecture on Palli-sangathane Rabindra-udyog: EktiNandanikAdhyay at a jointly organized seminar at GurusadayMuseum, Joka, Kolkata on 08/07/2012
2. Presented a paper titled William Radicer “Real Gitanjali” ebong amader patha-pratikriya on a National Seminarorganized by Rabindra-Bhavana, Visva-Bharati on 03/02/2013

Publication:
Articles
2. Bideshider Rabindracharcharo Tattwa-jijnasa Sambad (a review article on Rabin Pal’s Bideshier Chokhe Rabindranath, Sujan Prakashani , 2011), Rabindra-Bhabna (ISSN : 22776354), April –June 2012
3. Upansyser Samaysatta : Ekti Khasra Bhavna, Antarmanak (ISSN :2249-3751 ), June 2012
5. Dojhokhnama : Ekti Tatkhanik Patha-Pratikriya Ebong Mushayar (ISSN : 0976-9307), Sharadiyo Samkhya 2012

Other Academic / Administrative activities:
1. Nominated as a Reviewer of a Peer Review Journal The Prism (ISSN : 2229-7537) published from MG College, Purulia

BiswaJit Ray
Conference/ Seminar/ Workshop etc.
Public Lecture
1. Swami Vivekananda, the Prophet of Modern India, St.Xavier’s Institution, Panihati, Kolkata, 21st December, 2012
2. Bankim:Katha, Lekhaa, Kaaj Victoria Memorial Hall, Kolkata, 30th June 2012

Paper presented in International Seminar
1. Tagore and his Global Vision: Forging Bond with the World, Department of History, Visva-Bharati, 14th January 2013
2. A Man of Letters: Rabindranath Tugore and his Epistles, Rabindra Bhavana, Visva-Bharati, 14th March 2013

Paper presented in UGC-sponsored National Seminar
1. Swami Vivekananda and his Contributions, Ramkrishna Mission Vivekananda Centenary College, 7th January 2013
2. Gender and Sexuality the Indian Self and its Forgotten Doubles: Reading Rabindranath, DEOMEL, Visva-Bharati, 19th February 2013
3. The Relevance of Swami Vivekananda in the 21st Century, Indira Gandhi Center, Visva-Bharati, 5th March 2013
4. Whither Cultural Studies: Context and Contestation, Department of English, University of Kalyani, 6th March 2013

Publication
Articles
English
1. “Revisiting Rabindranath’s Santiniketan School: Demystifying Popular Perception” in Imtiaz Ahmed, Muchkund

**Books**
1. *Professor Shankur Sen Diary* (Professor Shanku’s Last Diary), Lalmati, Kolkata, ISBN 978 93 81174 81 4

**Edited Volume**

**Milankanti Biswas**

**Conference/ Seminar/ Workshop etc.**
1. ‘Rabindranather Lokosanskriticharcha: Lokosanskriti Bigganer Aloe’ on the occasion of National Seminar on Rabindranath Tagore and Indian Folkloristic - organised by Bhasha Bhavana, VB, in collaboration with ICSSR, New Delhi, CIIL, Mysore on Feb 14-16 2013, Santiniketan

**Publication**

**Article**
1. ‘Jyotirindranath o Rabindranath’ Antarbaha, Santiniketan Issn no- 2278-7380, May 2012

**Rita Modak**

**Publication:**
1. ‘Narimoner aloy narir paribartan’, ItihasPrabandhamala 2012, Itihas Academy Dhaka

**Shreela Basu**

**Conference/ Seminar/ Workshop etc.**

**Publication**

**Articles:**
DEPARTMENT OF ENGLISH &
OTHER MODERN EUROPEAN LANGUAGES

Name of students qualified in UGC/CSIR/NET/SLET/and GATE Examinations - No. 17

DEPARTMENTAL SEMINAR (Speakers, Title of the Seminar, Date)
b) Two-day National Seminar on “Dickens and the Long Nineteenth Century” held on 15th and 16th of March, 2013.

NATIONAL & INTERNATIONAL SEMINAR/CONFERENCE/ETC.

Abhijit Sen
4-6 May 2012: Participated in the International Tagore Conference on Tagore: Global Impact of the Writer in the Community organized by the Scottish Centre of Tagore Studies at Edinburgh Napier University, UK; read a paper on ‘Rabindranath’s Theatre: Cross-cultural encounters’.
5 October 2012: Made a presentation on ‘Petrarch and his Influence on English sonnet writing’ at the seminar organized by the Department of English, Suri Mahavidyala, Suri, Birbhum.
8 October 2012: Delivered a special talk on ‘Shakespeare’s Theatre: Facts and Problems’ at the Turku Hansda Lapsa Hembram Mahavidyala, Mallarpur, Birbhum.
10 October 2012: Read a paper on ‘Performance as Interpretation: Reading the Text in the Theatre’ at the seminar Performance as Interpretation in Reading American Drama Texts, organized by JUSAS (Jadavpur University Society for American Studies), Department of English, Jadavpur University, Kolkata.
3 February 2013: Read a paper entitled ‘From Gitanjali to Song Offerings: translation, trancreation, transculturation’ at the National seminar on From Gitanjali to Song Offerings organised by Rabindra Bhavana, Visva-Bharati.
8-9 February 2013: As the DRS coordinator, organized the 4th DRS International Conference on Gender and Sexuality: Reading Rabindranath at the Department of English & Other Modern European Languages, Visva-Bharati.

Amrit Sen
26 July 2012. Delivered two lectures titled, “Lord of all I survey: Defoe and Enclosures” and “A Sense of Empathy: The Animal Question in Coetzee” at the Eight Refresher Course in Comparaative Literature organized by the Academic Staff College, University of Burdwan.
2 November 2012. Presented a paper titled “The Rajarshi in Indian History: Tagore and the Idea of Kingship”, at the International Conference on “Kingship in Indian History” organized by the Archive India Institute in New Delhi.
5 December 2012. Delivered two lectures titled, “Metafiction” and “Metafiction in *The French Lieutenant’s Woman*” at the Refresher course in English organized by the Academic Staff College, University of Calcutta.


12-13 February 2013. Chaired a session at the DEC Sponsored national Workshop on “Building Bridges: Teaching English Literature through ODL” organized by Netaji Subhas Open University.

17 February 2013. Presented a lecture titled “Tagore and Travel” at the Workshop conducted by Rabindra Bhavana, Visva-Bharati.


**Others**


8-21 March 2013. Invited as Visiting Professor of English to deliver lectures on *Nationalism* and *Huckleberry Finn* under the UGC Merged Scheme Grant at the Department of English, Vidyasagar University.

22 March 2013. Invited to deliver two special lectures under the UGC Special Lecture Scheme on *Tom Jones* and *New Historicism* at Bankura Christian College, Bankura.

Awarded a Major Research Project on *Rabindranath Tagore and Science* by the University Grants Commission in March 2013.

Translated the text of *Shapmochan* and was the lead narrative voice in the performance of the dance drama at Colombo and Kandy as part of the Sangit Bhavana team that visited Sri Lanka in 2012.

**Ananya Datta Gupta**

**Others**

Completed a UGC Refresher Course in Comparative Literature from 14 July – 3 August 2012 at the University of Burdwan. Made a short presentation titled ‘Michel de Montaigne’s *Apology for Raymond Sebond* and the Early Modern Struggle with Anthropocentrism: An Eco-theoretical Perspective’. Secured Grade ‘A’.

**Aruna Mukherjee**

9 May, 2012. State level seminar on ‘Foreign Translation of Tagore’s Gitanjali’ organized by Hindi Department of Presidency University, Kolkata. Presented a paper “Russian Translation of Tagore’s Gitanjali”.

17 February, 2013. National seminar on ‘Rabindranath’s Reception in the West’ organized by Rabindra Bhavana, Visva Bharati. Presented a paper “Rabindranath’s Reception in Russia”.


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**Annual Report 2012-13**
Ch-II

Debarati Bandopadhyay
18-20 December 2012. Presented a paper on “Dickens and England: The Empire Writ Small” at the Dickens Bicentenary International Conference on The Dickens World Revisited: Post-Imperialist Perspectives organized by the Centre of Advanced Study, Department of English and the Centre for Victorian Studies, Jadavpur University.
6-7 February 2013. Presented a paper on “Of the Forest: Adivasi life in Aranyak” at the International conference on Deterritorializing Diversities – Cultures, Literatures and Languages of the Indigenous (Comprehending Fluidity of Cultural Borders) organized by the Department of English, Maharaja Agrasen College, New Delhi in collaboration with Indira Gandhi national Centre for the Arts and Department of English, University of Delhi and Forum for Teachers of English language and Literature.
8-10 February, 2013. Presented a paper on “Rewriting the Book of Genesis: Jeanette Winterson’s Boating for Beginners” at the Twelfth International MELOW conference organized by MELUS-India/MELOW in Chandigarh.

Dipankar Roy
31 August, 2012. Delivered a lecture on “Introducing Tagore” in one-day Seminar organised by Hirala Bhakat College Nalhati, Birbhum on “Indian English Literature: A Journey from the Colonial to the Postcolonial Era.”

Goutam Ghosal

Others

Indrani Das
3-5 February 2013. “Nagarjuna and His School” in a three day International Seminar on “Ideology and Genesis of Buddhist Schools”, organized by the Dept. of Indo-Tibetan Studies, VB, Santiniketan in collaboration with ICCR, Kolkata.
23-25 March 2013, “A Brief sketch of Buddhism and Buddhist scholarship in Italy” in a National seminar on “Prospective Scope of Buddhist Studies”, organized by the Centre for the Buddhist Studies, Visva Bharati.

Nilanjana Bhattacharya
August 31, 2012: presented a paper titled ‘Journey to the Ladyland’ at a seminar on ‘Indian Writings in English: A Journey from the Colonial to the Post-Colonial’ held at Hiralal Bhakat College, Nalhati, Birbhum.
January 16-18, 2013: Presented a paper titled ‘Creating Multilingual Spaces: Cultural Encounters in India and Latin America’ at the XI Biennial International Conference of the Comparative Literature Association of India held at Jadavpur University, Kolkata. Also chaired a session on 18th.

Others
26 April 2012: Conducted a workshop on ‘Translating Multilingual Texts’ at the University of East Anglia with the students of MA in Literary Translation.
1 May, 2012: Read an excerpt from my translation of Tagore on the Ravines of San Isidro at the Norwich Arts Centre Salon, UK.
Compiled the ground-list for Sahitya Akademi Prize for Translation 2012 for books translated into Bangla from any Indian language.
Received Partial Research Grant from Visva-Bharati for 2012-13 to work on “The Reception of Rabindranath Tagore’s Works in Latin America”

Nilanjan Chakrabarti
23-25 March 2013. Read a paper on ‘Buddhism and Buddhist Studies in France’ in a seminar entitled “Prospective Scope of Buddhist Studies” organized by the Centre of Buddhist Studies, Visva-Bharati.

Saurav Dasthakur

Others
14.07.2012-03.08.2012. Participated in the 8th Refresher Course in Comparative Literature organised by the UGC-Academic Staff College, University of Burdwan.

Soma Mukherjee
16-18th January, 2013. Presented a paper in the XIth CLAI Biennial International Conference titled “The Journey of Comparative Literature: India and Beyond” organized by Department of Comparative Literature, Jadavpur University. Title of the paper: “Reading Indian Literatures: A Comparative Literary Methodology.”
27 February -1 March, 2013. Presented a paper in the International Conference titled “Comparing to what purpose?”
organized by the Goethe Society of India and Centre of German Studies, JNU Title of the Paper: “‘World Literature’ and Method of Comparative Literature: An Analysis.”


12-13 March 2013. Chaired a session in the 6th Debrupa Bal Memorial Students National Seminar titled Aesthetics, Poetics in /and Indian Literary Cultures organized by the Department of Comparative Literature, Jadavpur University.

**Somdatta Mandal**


5 September 2012. Delivered special invited lecture on “The Politics of Women’s Writing in India” at Sidhu Kanhu Murmu University, Dumka, Jharkhand.

9-18 October, 2012. Delivered invited lectures at different universities in Poland and Czech Republic.

a) “Representing Muslim and the Anglo-Indian Minority Culture as the ‘Other’ in Indian Cinema” at Institute of Middle and Far East Studies, Jagiellonian University, Krakow.


c) “Women’s Empowerment in Contemporary India: Myth and Reality” at Asian Studies Department of Metropolitan University, Prague.

d) “Contemporary Women’s Retellings of The Ramayana” at Department of Gender Studies, Charles University, Prague.


14 January, 2013. Chaired a session at International Seminar on “Values and Contemporary Culture: An Indian Perspective” at Department of Philosophy & Comparative Religion, Visva-Bharati.

7-9 February, 2013. IACLALS (Indian Association for Commonwealth Literature and Language Studies) Annual Conference on “The Postcolonial and/in the Indian Languages” at the University of Lucknow. Made presentation “Reassessing Kulas Chunder Dutt and his Utopian Narrative of Colonial Resistance.”


16 March 2013. Chaired the Fourth Technical Session at the National Seminar on “Media Ethics” at Centre of Journalism and Mass Communication at Visva-Bharati held on 15 & 16 March 2013.

23-25 March 2013. Presented a paper entitled “Buddhism, the United States and American Literature” at the three-day National Seminar on “Prospective Scope of Buddhist Studies” organized by the Centre for Buddhist Studies, Visva-Bharati, Santiniketan.

**Others:**

Appointed Head of the Department w.e.f. 02.04.2012.

Served as Visiting Professor at Central University of Rajasthan, Kishengarh for one week from 29.10.2012 to 03.11.2012

Received Partial Research Grant from Visva-Bharati for 2012-13 to work on “Opening up! LGBTQ Issues in Contemporary Indian Cinema.”

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**Annual Report 2012-13**
Sudev Pratim Basu
1-2 February, 2013: Delivered an audio-presentation titled ““Into the Void”: Science Fiction and Heavy Metal Music” at the First World Conference on ‘Science Fiction Studies’ in India organised jointly by the Departments of English, Bharati Vidyapeeth Deemed University, Yashwantrao Mohite College in collaboration with Vigyan Prasar (New Delhi), Marathi Vidnyan Parishad (Mumbai) and Indian Association for Science Fiction Studies at Pune, Maharashtra.

Others
Convenor of the Charles Dickens UGC National Seminar titled “Dickens and the Long Nineteenth Century” held at the departmental premises on 15th and 16th March 2013.

Sukla Basu (Sen)
2 July 2012. JUSAS Workshop on Translating American Poetry, held at Jadavpur University. Translated two poems, one by Sonia Sanchez and the other by June Jordan.
8-10 February 2013. MELUS-MELOW International Seminar held at Panjab University, Chandigarh. Delivered a Lecture on “Reappropriating the Mahabharata: Saoli Mitra as Bard and Actor” on 10.02.13. Chaired one academic session on 09.02.13.
18 February 2013. JUSAS Seminar on “Transnationalism”, held at Jadavpur University. Delivered a lecture on “Transformation of the European legacy in O’Neill’s play themes and stage techniques.”

Swati Ganguly
4-6 October 2012. International Seminar ‘Women in Shakespeare: A Post-feminist Scrutiny’ organized jointly by The Shakespearean Association (India) and Vardhaman Mahavir Open University, Kota, and held in Kota. Title of the paper,’ Locating and Dis-locating William’s Women: Historicizing Feminist Shakespearean Studies.’
22-24 February, 2013. International seminar ‘Feminist Inscriptions in Social Theory’ organized by the Centre for Studies in Social Sciences, Patuli, Kolkata under the auspices of the ICPR. Title of paper ‘Reading rape narratives: Intertextuality in patriarchal Scripts and feminist ‘inscriptions.’
7-9 March 2013. International Seminar ‘Revisiting Shakespeare in Indian Literature and Culture’ organized jointly by the Shakespeare Society of India and Indraprastha College for Women, University of Delhi. Title of the paper “Fashioning the Feminine: Bankim’s Shakespeare and the case of Kapalkundala.”
21-22 March 2013. International Conference on “Global Diaspora Studies: Contexts and Configurations” organized by UGC Area Study Centre for Canadian Studies, Institute of English, University of Kerala in association with World Association of Global Diaspora Studies and State University of New York, Binghamton. Title of the paper “Westward ho!: The Diasporic Academia and India Postcolonial Studies.”

Tanuka Das
8-10 February, 2013. 12th International MELOW Conference organized by Melus-India/Melow, Panjab University,
Ch-II


Tapu Biswas
5 December 2012, “Shakespeare and Bengal: Some Adaptation and Translation” in three days International World Shakespeare Conference on Shakespeare Across the Culture organized by the English Dept. of Banaras Hindu University and Shakespeare Society of Eastern India. Also co-convener of the Seminar.

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

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
(b) Partial Research Grant on “Shakespeare in Bengali Translation” sponsored by Visva-Bharati for Rs. 2370.00

Academic Distinctions
Fourth year of UGC DRS (SAP) Project on “Tagore: East-West Confluence”

Publications
Amrit Sen
Books

Articles

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Ananya Dutta Gupta

Academic Article

Debarati Bandyopadhyay


Goutam Ghosal


Indrani Das

Nilanjana Bhattacharya

Romit Roy

Saurav Dasthakur

Articles
Ch-II

“Narrative, Memory, History: ‘National Allegory’ in Two Historical Novels” in Pradip Basu et al (eds.) journal of humanities and social sciences (Kolkata: Scottish Church College, August 2012), No. 9 (ISSN 0973-8738): 104-16

Soma Mukherjee

Somdatta Mandal
Books

Articles:

C: Reviews

Sudeb Pratim Basu

Surola Basu (Sen)

Swati Ganguly
Post-edit articles in Ekdin (Bengali Newspaper)

Tanuka Das
Book:
Articles:

Annual Report 2012-13


Tapu Biswas


A brief history on the development of the Bhavana/Sadana/Vibhaga

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 Barry Hill, University of Melbourne, Australia.
2. Professor Dipesh Chakraborty, Department of South Asian Studies, University of Chicago, USA
3. Georg Wink, Assistant Professor in Latin American Studies, Freie University, Berlin.
DEPARTMENT OF HINDI

The study of Hindi language and literature became an important and integral part of Vidya-Bhavana, the centre of higher learning in Visva-Bharati in 1938. The Programme of Hindi Studies was drawn up under the able guidance of Pt. Hazari Prasad Dwivedi. The foundation of Hindi Bhavana was laid by C.F. Andrews and Kshitimohan Sen and the tireless endeavor of Banarasidas Chaturvedi on 31st January, 1939 in the presence of Gurudeva Rabindranath Tagore. The study of medieval Hindi literature and saint - literature were of great interest to poet Rabindranath Tagore. Kshitimohan Sen, himself a veteran scholar of the saint lore lent his active effort to this end. At present this Department of learning is carrying on research on medieval and modern literature, comparative literature and Rabaindra literature in Hindi translation, besides under Graduate and post Graduate studies in Hindi Literature and Functional Hindi as well.

Departmental Seminar
(i) 'Tulasi Jayanti' was celebrated in the department on 23rd August 2012.
(ii) 'Hindi Diwas' celebration was held in the department on 30th September 2012 with the joint collaboration of Hindi Cell, V.B.
(iii) Prof. Ranganath Pathak, B.H.U. delivered a lecture on the topic-'Historical background of western criticism on 6th September 2012.

Memorial Lectures
Pt. Hazari Prasad Dwivedi Memorial Lecture 2012-13
This year's lecture was organized on 15th February 2013. Famous Hindi Novelist Govind Mishra delivered the lecture on the topic 'Novels of Hazari Prasad Dwivedi'.

Conference / Seminar / Workshop / Exhibition etc.

Harish Chandra Mishra
1. Chaired a session and presented a paper on 'Bhavani Prasad Mishra Ki Rachana-Prakriya in a national seminar held on 23rd February 2013 organised by Michel Madhu Sudan Memorial College, Durgapur.
2. Chaired a session and delivered presidential address in a national seminar on 'Ravindranath' organized by Allahabad Degree College (Girls) on 2nd October 2012.
3. Chaired a session and delivered Presendential address in a national seminar organized jointly by Jaipur University and Dadudayal Sansthan on ‘Medieval Saint literature and Dadu Cult' on 7th October 2012.

Rameshwar Prasad Mishra
1. Delivered presidential address at Acharya Vishnu kant Shastri memorial lecture on the topic 'Santon Ki Jeevandristi Aur Hamara Samaya' at Shree Bara Bazar Kumar Sabha Pustakalaya, Kolkata on 6 May, 2012.
3. Delivered a lecture on 'Geetanjali Aur Hindi Sahitya' in a national seminar on 'Impact of Geetanjali on Indian literature’ in the dept. of Odia, V.B. on 1 March 2013.
4. Chaired a session and delivered a lecture in a national seminar on 'Impact of Rabindranath on Indian literature’ organized by Bhasha-Bhavana, V.B. on 8 March 2013.
5. Delivered keynote address on the topic 'Hindi Evam Bangla Ka Antah Sambandh' at 65th Congress of Hindi Sahitya Sammelan, Prayag organized at Santiniketan on 17 March 2013.
Manju Rani Singh

Chakradhar Tripathi
1. Attended a UGC sponsored national seminar and delivered keynote address on the topic ‘Adhunik Hindi Sahitya Ki Vividh Vidhayein’ organized by Kendrapara College, Cuttack, Odisha on 26th March, 2013.

Mukteshwar Nath Tiwari
1. Read out a paper in the national seminar organized by the dept. of Hindi, Burdwan University on 13th March, 2013 on the topic 'Premchand Aur Ramvilas Sharma'. Also chaired a session on the same day.
2. Delivered lecture on the topic 'Bharatiya Sahitya Aur Dalit Sahitya' on 26th March, 2013 at a national seminar organized by the dept. of Hindi, Calcutta University.

Ravindra Nath Mishra
1. Attended a UGC sponsored national seminar and presented a paper on the topic 'Adhunik Hindi Sahitya Ki Vividh Vidhayein' organized by the Department of Hindi, Kendrapara College, Cuttack, Odisha on 26th March, 2013.

Shailendra Kumar Tripathi

Subhash Chandra Roy
1. Attended and delivered a lecture on the topic 'Village Reconstruction Project of Rabindranath’ in a national seminar jointly organized by Ministry of Culture, Govt. of India, Raja Rammohan Rai Foundation and Kirti Institution, Deoghar on 5th August, 2012.
2. Attended and delivered a lecture on the topic 'the personality and achievement of Rabindranath in a national seminar organized by Bhasha Sangam, Allahabad at Prayag Science Council, Allahabad on 26th August, 2012.

Jagadish Bhagat
1. Delivered a lecture on the topic 'Premchand Ki Gramin Chinta Aur Hamara Samaj’ in a national seminar M.M.D.M. College, Durgapur on 18th August, 2012.
2. Delivered a lecture on the topic 'Premchand Ki Prasangikata’ in a national seminar organized by Akhil Bhartiya Sanskritik Parishad, Durgapur on 21st August 2012.
5. Delivered a lecture on the topic 'Dr. Rajendra Prasad Ki Rashtra Chinta’ in a national seminar organized by A.B.S. Parishad, Durgapur on 4th November, 2012.
Ch-II

Arjun Kumar

Publications / Articles
Harish Chandra Mishra
Article

Mukteshwar Nath Tiwari
(i) Editorials (3) in 'Visva-Bharati Patrika (Hindi)' in the volumes - 53, 54 and 55 published during the year 2012-13.

Shailendra Kumar Tripathi
(i) Article 'Janakavi Isuri' published in Isuri-19, Sagar, M.P., ISSN No.- 0976-5778, 2012.
(ii) Article 'Lok Tattwa Ka Sandarbh' published in Marai, Bilaspur, Chhatrgarh, ISSN No. 2278-8352, 2012.
(iii) Article 'Prasangikata Ka Prashna’ published in Sablog, Delhi, ISSN No. 2277-5897, February 2013.

Jagdish Bhagat
DEPARTMENT OFsanskrit, PAlI & PRANKIT

Lalita Chakraborty:
A. Published Paper

Arun Kumar Mondal
2. Delivered an Introductory lecture in the National Seminar on 'Gnomic and Didactic Literature in Sanskrit', organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati on 8th March, 2013 and presided over the Valedictory session of the said seminar on 9th March, 2013.

Mridula Ray
1. Delivered a lecture on 'Gitanjali and Sanskrit Literature” in the National Seminar, organized by the Deptt. of Odia, Visva-Bharati on 1st March, 2013.
2. Delivered a lecture on "Bhismopadesa-buddhopadesayoh bhavasamyam" in the National Seminar, organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati on 9th March, 2013.

Nirod Baran Mandal
1. Attended a National Conference on Navya-Nyaya, organized by the University of Calcutta, Deptt. of Sanskrit and presented a paper entitled - Nyayamatena Sabdprama?am Sabdabodhaprakarasca’ during 16th to 17th January 2013.
2. Attended and Acted as Chair Person in a session of the Seminar on 'gnomic and didactic literature in Sanskrit, organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati during 8th to 9th March, 2013.
3. Acted as Chair person in a session of the three day National Seminar on prospective Scope of Buddhist Studies organized by the Centre for Buddhist Studies Visva-Bharati during 23rd to 25th March, 2013.

Jagat Ram Bhattacharya
1. Delivered a course of lectures on Introduction to Research Methodology, Library based Research and Some Practical aspects of Research in the Refresher Course on Research Methodology held at Guru Ghasidas University, Bilaspur, Chattisgarsh on 21-22 March, 2013.

Delivered Lecture
1. On Sanskrit versus Prakrit in the Department of Sanskrit, Himachal Pradesh University, Shimla on 26.4.2013.

Research projects

Research Article published
Ch-II

Aruna Ranjan Mishra
Research Papers Published

Talks delivered in the Academic Gatherings:
1. Talked on 'Dramatic Art of Bharata and Horace' in the Special Summer School (3rd to 23rd July, 2012) organized by the Academic Staff College, University of Calcutta, Kolkata, on the 18th July, 2012 (forenoon).
2. Talked on 'Concept of Beauty in Sanskrit Poetry and Poetics in the aforesaid Summer School on the 18th July 2012 (afternoon).
3. Talked on the 'Contribution of Odisha to Modern Sanskrit Literature' as the Chief Speaker in the Inaugural Session of the National Seminar on 'Modern Sanskrit Poetry of Odisha' organized by the P. G. Department of Sanskrit, Utkal University, Bhubaneswar on 15-16 March, 2013.

Conferences/Seminars Attended:
1. "Indus Sacrificial Altar: An Archaeological Analysis" paper presented at the 46th session of All India Oriental Conference (1-3 Oct., 2012) at the University of Kashmir, Srinagar.

Niranjan Jena
A. Presented papers in the National & International Seminars and Conferences:
2. Presented a paper entitled on "Mahabhutas in the Rgveda : An Environmental Approach" in the 46th session of all India oriental Conference (AIOC) organized by the Department of Sanskrit, University of Kashmir, From 1st -3rd October 2012.
3. Presented a paper entitled on "Gnomic and Didactic contexts in the Atharvaveda" in the national seminar on "The Gnomic and Didactic Literature in Sanskrit" organized by Department of Sanskrit, Pali and Prakrit, at Simha Sadana, Santiniketan on 8th and 9th February 2013.
4. Presented a paper entitled on " Ecological Awareness Reflected in the Buddhism" in the National Seminar on 'Prospective Scope in the Buddhist Studies, organized by Department of Indo-Tibetan Studies, from 23rd to 25th March 2013.
5. Presented a paper entitled on "Impact of Sri Chaitanya on ISKCON Movement and Indian Culture" in the National Seminar on 'Sri Chaitanya and Indian Culture' organized by the Deptt. of Philosophy and Comparative Religion, Visva Bharati, during 30th-31st March 2013.

C. Published Paper:
2. Published a paper "Teaching of Sri mad Bhagavadgita", "Vyasashree", Facilitation Volume of Dr. G.K. Das, Utkal University, Bhubaneswar, 2012.
3. Published a paper "Ecological Awareness in the Sri mad Bhagavatam", the Departmental Journal, Department of Sanskrit, Gauhati University, Assam, 2012.

Harekrushna Mishra
1. Participated in the national seminar on "Rabindranath Tagore and Indian Folkloristics" organized by Bhasha Bhavana, Visva-Bharati in Collaboration with ICSSR, New Delhi and CIIL Mysore, at Lipika Auditorium, Santiniketan on 14th-16th February 2013.
2. Participated in the national seminar on "The Gnomic and Didactic Literature in Sanskrit" organized by Department of Sanskrit, Pali and Prakrit, at Simha Sadana, Santiniketan on 8th and 9th March 2013.
3. Presented a paper entitled Wealth Management in the Puranas in the Epics and the purana section at 46th session of all India oriental Conference (AIOC) organized by the Department of Sanskrit, University of Kashmir, from 1st -3rd October 2012.
4. Presented a paper on "Life Management" in a National Seminar organized by Arsha Vidya Kendra, Bhubaneswar.

Sanjay Kumar Mandal
1. Participated in the Refresher Course in Comparative Literature, UGC-Academic Staff College, The University of Burdwan, Burdwan, from 14th July to 3rd August 2012.
2. Presented a paper entitled "Srimadbhagavate avataratatvam" in the Epics and purana section at 46th session of all India oriental Conference (AIOC) organized by the Department of Sanskrit, University of Kashmir, From 1st -3rd October 2012.

Publication :
Published a paper "Self Control in Gita", 'Vyasasri', Facilitation Volume of Dr. G.K. Das, Utkal University, Bhubaneswar, 2012.

Gargi Bhattacharya
Participation in Conferences/Seminars and paper presentation :
1. Participated the joint International Conference '11th International Congress of Social Philosophy (ICPR) and 4th International Congress of Yoga and Spiritual Science (ICYS)' organized by the Department of Mass Communication and Journalism, Karnataka University, Dharwa, Karnataka from 28th to 30th May 2012 and presented a paper on 'Meditation in Minor Upanishads: Yoga theory, Spiritualism and Modern Perspective'.
2. Participated in the 'Second World Veda Conference', organized by Maharshi Sandipani Rashtriya Veda Vidya Pratishtan, Ujjain, M.P., from 4th to 7th November 2012 and presented a paper entitled 'Brahmavidya in Atharvaveda-Samhita with Special Reference to Brahmaprakasana Sukta' and also acted as Convener in the 'Vedas: Philosophy' Section.
3. Participated in the National Seminar on "Gnomic and Didactic Literature in Sanskrit" organized by Department of Sanskrit, Pali and Prakrit, Visva Bharati from 8th and 9th March 2013, and presented a paper there on "Moral Teachings in Thoughts and Theories of Adaita Vedanta: A Social Perspective".

Invited Lecture :
Delivered lectures on 'Critical Editions of Sanskrit Manuscripts' in the Workshop organized under the UGC Scheme "University Potential for Excellence" Phase II, Jadavpur University on 04.02.2013 at the Deptt. of Sanskrit, Jadavpur University.

Publications :
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Laxmidhar Malik
Seminar/Conference-
1. Participated in the national seminar on "From Gitanjali To Song Offerings" organized by Rabindra Bhavana, at Lipika Auditorium, Santiniketan on 3rd February 2013.
2. Participated in the national seminar on "Rabindranath Tagore and Indian Folkloristics" organized by Bhasha Bhavana, Visva-Bharati in collaboration with ICSSR, New Delhi, and CIIL Mysore, at Lipika Auditorium, Santiniketan on 14th-16th February 2013.
4. Presented a paper entitled "Wealth Management in the Puranas" in the Epics and the purana section at 46th session of all India oriental Conference (AIOC) organized by the Department of Sanskrit, University of Kasmir, From 1st-3rd October 2012.

Invited Lectures:
Delivers two Lectures on the topic "Methodology of Documentation in Manuscripts" In the Basic level Workshop on Manuscriptology and Paleography from 21st January to 10th February 2013. Under the sponsorship of National Manuscript Mission, New Delhi, organized by the Department of Odia Visva Bharati Santiniketan.

Priti Laxmi Swain:
1. Participated in the 87th Orientation Programme, UGC-Academic Staff College, The University of Burdwan, Burdwan, from 4th August 2012 to 31st August 2012.
2. Presented a paper entitled "Relevance of Isavasyopanisad to our Present Day Society", Dept. of Philosophy, Sidho-Kanho-Birsha University, Purulia, West Bengal (in collaboration with ICPR), and 24th December, 2012.

Ram Pramol Kumar

Academic Activities in the Department
(1) Annual Seminar on 07.03.2013: Prof. Satyanarayan Chakraborty, former Professor of Rabindra Bharati University, Kolkata, delivered a talk on 'Folk Elements in Abhijnanasakuntalam'.
(2) National Seminar on 8-9 March, 2013. A National Seminar on "The Gnomic and Didactic Literature in Sanskrit" was organized in the Deptt. Prof. R. M. Dash and Prof. P. M. Rath of Utkal University, Bhubaneswar gave Key-note and Special talks on the occasion. More that 35 research papers were presented and discussed upon.
(3) Dr. Niranjan Jena, Associate Professor of our Department visited Sri Lanka and presented a paper entitled on "Socio Medico Charms in the Atharvavedic Tradition : Its Relevance in the Contemporary Society" in the International Research Conference on Humanities and Social Sciences, University of Sri Jayewardenepur, Sri Lanka, during 8th to 9th November, 2012.
(4) There are 10 to 15 students of our Department who have qualified in the UGC NET and JRF Examination in June and December 2012 Examination.
DEPARTMENT OF ODIA

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.

NET : 07

National Seminar
The Department of Odia organized a Two day National Seminar during 01-02 March, 2013 on 'Impact of Geetanjali on Indian Literature' in collaboration with Sahitya Akademi, New-Delhi.

National Workshop
The department of Odia organized Basic Level Workshop on 'Manuscriptology and Palaeography' in collaboration with National Manuscript Mission, New Delhi during 21 January - 10 February, 2013 for 21 days.. The Workshop was designed for M.Phil & Ph.D Scholars. There were 36 participants from different departments of universities.

The workshop was meant to educate young scholars about the theories, types & Problems of editing of Manuscriptology.

List of Departmental Seminar held by Teaching faculties and dignitaries

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<td>Prof. Alibha Daskhi</td>
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<td>2</td>
<td>Sri Manas Kumar Mukherjee (Scholar)</td>
<td>Galpika Gopinath Mohanty: Eka Adhyayana</td>
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<td>3</td>
<td>Sushree Mrunmoyee Priyadarshini(Scholar)</td>
<td>Odia Natakare</td>
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<td>4</td>
<td>Sabita Rana(Scholar)</td>
<td>Mohapatra Nilamoni Sahooanka Prabandhare</td>
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<td>5</td>
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<td>Jnanee Debasish Mishra(Scholar)</td>
<td>Upayapasara Mukulapana O Oupanyasik</td>
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<td>9</td>
<td>Dr. Subodh Gopal Nandi</td>
<td>Research and Library</td>
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<td>Dr. S.N.Ojha</td>
<td>Computer Application</td>
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<td>Dr. Shakuntala Mishra</td>
<td>Hindi O Bangala Kavyare Radha:</td>
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<td>12</td>
<td>Prof. Baishanab Charan Samal</td>
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<td>Prof. N.B.Harichandan</td>
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<td>Prof. Bauri Bandhu Kar</td>
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<td>17</td>
<td>Dr. Krushna Chandra Bhuyan</td>
<td>Bangla Bhasha O Sahityaku Odianka Dana</td>
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19. **Prof. Khageswar Mohapatra**  
Prachina Odia Sahitya  
12.2.13

20. **Dr. Dinanath Pathi**  
Chitra O Sahitya  
16.2.13

21. **Dr. Arabinda Pattanaik**  
Sahityar Mulyan  
16.2.13

22. **Prof. Manoranjan Pradhan**  
Translation of Odia Gitanjali  
05.3.13

**Conference / Seminars / Lecture etc.**

**Sabita Pradhan :**
1. Presented a paper on 'Odia Sahityare Adivasi Sanskruti O Bhasar Prabhab' in the National Seminar held at Sambalpur University, Sambalpur, Odisha, on 08.2.13 & 09.2.13.
2. Presented a paper on 'Swadhinata Parabarti Odia Kabitire Gandhi Chetana' in National UGC seminar at Moto College, Bhadrak, Odisha on 24.3.13.

**Talk**
3. Delivered 4 talks on 'Ancient & Medieval Odia Literature' as a Resource person in the Refresher Course of Sambalpur University, Sambalpur, Odisha, on 04th - 05th July, 2012.
4. Delivered 4 talks on 'Comparative Study of Odia, Bengali and Assamese Languages' as a resource person in the Refresher course in Guwahati University, Guwahati, on 24-25 July, 2012.
5. A National Seminar entitled 'Curricular in Higher Education' was organized by Ravenshaw University, Cuttack, Odisha on 29th June - 2nd July, 2012 along with the preparation of courses of studies for UG, PG & M.Phil course attended the seminar & prepared the course.

**Kailash Pattanaik :**
1. Presented a paper entitled 'Gangadhara Meher and His Poems', in the national seminar organized by Odisha Sahitya Akademi, Bhubaneswar on the occasion of 150th. Birth anniversary of Poet Gangadhara Meher in the Bhasha Bhavana, National Library, Kolkata on 03.06.2012.

**Lecture Delivered:**
1. Delivered lectures in four periods on 'Prachina O Madhyajugara Odia Katha Parampara'in the Refreshers course, as Resource person, conducted by the PG Department of Odia, Sambalpur university, Sambalpur, Odisha during July 17-18, 2012.
2. Delivered lectures in four classes on 'Pala and Ojapali' in the UGC sponsored Short term course in Folk Culture in Assam and NE Region, conducted by the Academic staff college, Gauhati University, Guwahati on November 22, 2012.
3. Organised a national seminar as Convener, on 'Rabindranath and Indian Folkloristics', during February 14-16, 2013 at Santiniketan on behalf of Bhasha Bhavana.

**Annual Report 2012-13**
Manoranjan Pradhan:
1. Presented a paper on Impact of Rabindranath on Odia Literature, in the National seminar organized by Assamese, Marathi & Tamil Language units of Bhasha Bhavana on the Seminar Impact of Rabindranath on Indian Literature 07th March, 2013.

Talk
1. Delivered a talk on 'Prema O Pranayara Kabi Gangadhar Meher' at National Library, Bhasha-Bhavana organized by Sahitya Akademi, Odisha, on 03.6.12.
2. Delivered 4 talks on 'Comparative Literature : Odia and Assamese & Bengali' as a resource person in the Refresher course in Guwahati University, Guwahati, on 24 -25 July, 2012.
4. Delivered a talk on Buddhist Schools on the National seminar organized by the deptt. of Indo-Tibetan Studies, Visva-Bharati as a Inaugurator on 02.2.13.
5. A National Seminar entitled 'Curricular in Higher Education' was organized by Revenshaw University, Cuttack, Odisha on 29th June - 2nd July, 2012 along with the preparation of courses of studies for UG, PG & M.Phil course attended the seminar & prepared the course.
7. Delivered a lecture in the topic Santhali Literature and Culture as a key note addresse in the National Seminar organized by the Santhali Deptt., Bhasha Bhavana, 12.3.13.

Pramila Patulia
2. Presented a paper entitled 'Tapaswini Kavyara Ekadasa Sarga' in the National Seminar organized by P.G. Department of Odia, Panchyat College, Bargarh, Odisha from 16-17 February, 2013.

Sarat Kumar Jena
Orientation Programme
1. Participated in the UGC Orientation Programme in the Academic Staff College, Ranchi University, Ranchi from 10.7.12 to 06.8.12.

Seminar & Talk

Rabindra Kumar Das
International
1. Participated in two days International seminar and presented a paper entitled 'The Secrecy Behind the Failure of values in Contemporary Culture organized by the council for Research in values and Philosophy, Wasington D.C. and the Department of Philosophy and Comparative Religion at Visva-Bharati, Santiniketan.

National
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**Research Project.**

**On Going Research Project in the Department.**

1) 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/-

2) Name of the Teacher: Dr. Rabindra Kumar Das  
   Name of the Project: UGC Major Project "Odia Lexicography: A Critical Study on Evolution'  
   Amount Sanctioned: Rs. 794,000/-

1. Chaired a session in the national seminar organized by Panchayat College, Bargarh, Odisha, on the occasion of 150th Birth anniversary of Poet Gangadhara Meher on 28.7.2012.

**Publications**

**Books:**  
Sabita Pradhan  

**Research Paper**

Kailash Pattanaik  

Pramila Patulia  

**Magazine**  
Sarat Kumar Jena  
DEPARTMENT OF ARABIC, PERSIAN, URDU & ISLAMIC STUDIES

Gurudev Rabindranath Tagore had a broad vision of having a confluence of different streams of thought and ideology under a single roof and the very establishment of the Department Arabic, Persian, Urdu & Islamic studies in the year 1927 with generous donation of Mir Osman Ali Khan, the Nizam of Hyderabad was one step forward towards the realization of this cherished goal. Towards broader scope of rapprochement among different religious ideologies and better understanding among different school of thoughts, the inception of the Dept. of Islamic Studies, a research oriented Dept. 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 Department. At present the courses run of the Dept. include Arabic, Persian & Urdu at certificate & Diploma level as well as Persian Language and Literature at undergraduate and post graduate level. The Dept. conducts researches in the respective fields of Arabic, Persian, Urdu and Islamic studies laying more emphasis on finding common humanistic elements of composite culture that may lead towards better understanding among the people of diverse ideologies.


Conferences/ Seminar/ Workshop/ Exhibition etc.:

Wasif Ahmad
4. Participated and Presented a Research Paper entitled 'Paighambar e sokhan Awhaduddin Mohammad Anwari " in XXXII All India Persian Teachers' Conference (International Session) held on 23- 25 February, 2013 at Lucknow University, Lucknow

Md. Faique
1. Participated in XXXII All India Persian Teachers' Conference (International Session) held on February 23, 24 and 25, 2013 at University of Lucknow and presented a research paper entitled "Rumi's message of peace and fraternity on M.F. Gulen's vision : A Comparative Study".
2. Participated in the National Seminar on 'Impact of Geetanjali on Indian Literature' Organized by the Dept. of Odia, Visva-Bharati, in collaboration with Sahitya Akademi, New Delhi held on 1st, 2nd March, 2013 and presented a research paper entitled "significance of Geetanjali and Tagore's vision on Persian Language and Literature".
3. Participated in the National Seminar Organized by Asamese, Marathi and Tamil language Units of Bhasha-Bhavana, Visva-Bharati, Santiniketan held on 7th and 8th March, 2013 and presented a research paper entitled "Impact of Rabindranath Tagore on Urdu Literature".

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ArungZebAzmi
1. Participated and Presented a Research Paper in the International Seminar on "Mirza Abdul Qadir Bedil" at Dept. of Islamic Studies, Jamia Hamdard, New Delhi on 15/03/2013 to 18/03/2013. The title of the paper presented was "Al-Mirza Bedil, Shair Hindi Kabir" (Mirza Bedil, A Great Indian Poet).
2. Attended a 'Refresher Course' in Arabic at UGC Academic Staff College, MANUU, Hyderabad from 4-24th Jan.2013.
3. National Seminar on "Eulogy of the Prophet Muhammad" at Dept. of Arabic, Delhi University, New Delhi on 5 - 6.3.2013. The title of the paper presented was "Shuarau Majahil li al-Madih al-Arabi" (Some Unknown Poets of the Prophet Muhammad).
4. Attended 101st Four Week Orientation Programme' organized by UGC-Academic Staff College, JMI, New Delhi from 16/07/2012-13/08/2012.

Md. Atiqur Rahman
1. Participated in two days National Seminar on the "Philosophy of Sri Chaitanya and Indian Culture" on 30-31, March, 2013 organized by Dept. of Philosophy & Religion, Visva-Bharati.
2. Participated in two day International Seminar at Iran Society, Kolkata on central theme of Contribution of European Scholars to Persian Studies in India on 23-24th March, 2013. Paper was presented on the topic of "Tarikh-e-Fakhruddin Mubarakshahi of Sir Edward Denison Ross: "An Analytical Study".
3) Ongoing research project in the Department :

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

Publication
N.A. Khan

Wasif Ahmad
1. Published a Research paper entitled "Nigahi e Kutah beh Tazkerah e Reyazuzzhoara e Ali Quli Khan Waleh Daghistani va Ahwale Moallif" in the volume of the seminar Published by the Institute of Persian Research, Aligarh Muslim University, Aligarh.

(a) Books Published:

Under Preparation:
1. A-Ţalḥ al-Mandūd fi Shu’arā ‘I al-‘Arabīyyah al-Huṇūd (A Directory of Indian Poets of Arabic Language)
2. Ţāghore, Ḥayātuħu wa Āṭharuħu (Tagore, Life & Works)
3. Ta’wil-u-Āyāt (Interpretation and Explanation of Some Difficult Verses of the Qur’an)

(b) Articles Published:
1. Tafsir Tadabburul Qur’an-2 (Qur’anic Commentary Tadabbur-e-Qur’an), MH 1/2/8-29
3. Tafsir Tadabburul Qur’an-3 (Qur’anic Commentary Tadabbur-e-Qur’an), MH 1/3/7-23
4. Srilanka wa Silatuha Ma’a al-Arab; Mulahazat Tarikhiyyah (Syrilanka and its Relations with the Arab; Historical Notes), MH 1/3/107-117

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5. Al-Hijab (The Veil), MH 1/3/149-152
6. Tafsir Tadabburul Qur’an-4 (Qur’anic Commentary Tadabbur-e-Qur’an), MH 1/4/7-17
7. Al-Adab al-Arabi al-Jahili Aunan Kabiran fi Tafsir-i-Muhtawayati al-Qur’an (The Pre-Islamic Arabic Literature a Great Help to Explain the Contents of the Qur’an), 1/4/18-56
8. Al-Qazi Athar al-Mubarakpuri, Hayatuhu wa Ma’athiruhu (Qazi Athar Mubarakpuri, His Life & Works), 1/4/136-174
9. Athara (Preference), 1/4/201-205
10. Khutwah Nihāyiyyah (Last Step), 1/4/206-208
11. Tafsir Tadabburul Qur’an-5 (Qur’anic Commentary Tadabbur-e-Qur’an), MH 2/1/7-60
15. Sujana-o-Fi Daril Ajazah (Prisoners of Old Age Home), MH 2/1/231-235
16. Man Takalla Bi al-Najāh (Who succeeded?), MH 2/1/236-238
17. Perception of Arabic Words used in the Persian Language & Literature, its Problem and Solutions, Naqsh, 11/09/168-174
18. Moral Teachings of the Qur’an, Glimpses of the Holy Qur’an, Adam Publications, Delhi, 2012, Pg. 61-74

Accepted for Publication:
1. Munshi Naval Kishore and Printing the Qur’an, Radiance Views Weekly, New Delhi
2. Daur-o-al-Hilāl fi Taţwīr al-Dirāsāt al-Qur’āniyyah (al-Hilāl’s Role in the promotion of the Qur’ānic Studies), al-Furqān monthly, New Delhi

Unpublished:

Note: There are more than ten articles ready to be sent for publication.

Md. AtiquRahman
Published:
Research Paper/Article
3. Indo-Iran Cultural Relations (English), "Danish" yearly research journal, University of Kashmir, Sri Nagar, Vol. XXX, Page No. 45-57, 2012-13. (ISSN-0975-6566)

Wasif Ahmad
Award:
Department of Indo-Tibetan Studies

In 1954, the Department of Indo-Tibetan Studies was established as a separate Post-Graduate center 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 Students field.

The Centre for Buddhist Studies was launched in 2007 under the X Plan by the newly appointed Head of the Department.

Seminar:
The Department organized an international conference on "Ideology and the Genesis of Buddhist Schools" on 3-5 February, 2013 with financial support from ICCR, Kolkata.

Sanjib Kumar Das
a. Participation in Seminar/Conference/Workshop/Symposium

Publication
i. 'Sutrasamuccaya' by Ārya Nāgārjuna in Tibetan, Sanskrit & Hindi languages has been published by Central University of Tibetan Studies (CUTS), Sarnath, Varanasi.
ii. 'Manual for Tibetan Lesson" containing the translation of 'Mula-trimśa' by Thonmi Sambhota and 'Subhāṣita-Drumendra' by Yangcan Drupay Dorjee into Hindi and English from Tibetan has been published by Karmapa International Buddhist Institute, New Delhi.

Ongoing Project
i. Critical Edition and, Translation and Restoration of the text titled "Samayabhedoparavacana-cakrasenakaya-
bhedoparideshanam-nama-samgraha (Tib. gzhung tha dad pa rim par bklag pa'i khor lo las sde pa tha dad pa bstan pa bsdus pa zhes bya ba).

ii. Critical Edition and Translation of the text titled "Dohā-kośa-nāma-Mahāmudrā-Upadeśa {Tib.: doha mdzod ces bya ba phyag rgya chen po'i man ngag" from Tibetan into Hindi and English.


Anandamayee Ghosh
Associate Professor

Participation in Seminar/Conference/Workshop/Symposium

i. International Seminar (Participated & Presented Papers)


2. Three-day International Seminar on "Ideology and the Genesis of Buddhist Schools" organized by Department of Indo-Tibetan Studies, Visva-Bharati in collaboration with ICCR, Kolkata on 3-5 February, 2013. Presented paper on 'Genesis of Sectism(s) among the Buddhists in their Home-land'.

National Seminar (Participated and Presented papers)


Book (Published)

Buddhist Vinaya: A Focus (w.r.t Mulasarvastivada Vinaya): Published by Buddhist World Press, Delhi, 2013.

Published Papers

Prakriti Chakrabarty
Assistant Professor

National/International seminar participated

(i) "Prospective Scope of Buddhist Studies" organized by the Centre for Buddhist Studies, Visva-Bharati on 23-25 March 2013.

(ii) "Ideology and the Genesis of Buddhist Schools" organized by the Dept. of Indo-Tibetan Studies, Bhasa-Bhavana, Visva-Bharati on 3-5 February 2013.

CBS-Special Lecture

Delivered a Special Lecture on "Buddhism in Tibet and China" at the Centre for Buddhist Studies, Visva-Bharati on 19 March 2013.

Shedup Tenzin,
Assistant Professor

Participation of conferences/workshop/seminar/lecture/Excursion

Papers presented

"Derivation and Loan Words in Classical and Modern Tibetan Language: An Overview” presented at the National Workshop on the "Four Facets of Bhoti Language” organized by the Department of Tibetan Studies, Nava Nalanda Mahavihara (Deemed University), Bihar from 3rd -4th May 2012.

"The Status of Woman in Tibetan Buddhism" presented at the International Seminar on "Buddhist Contribution to Building a Peaceful Society” organized by the Department of Pali, University of Calcutta from 26th and 27th September, 2012.

"The Yogācāra Term Tri-Svabhāva and its Application in the Tibetan Medical Tantras (Rgyud Bzhi)" presented at the International Seminar on the Ideology and the Genesis of Buddhist Schools organized jointly by the Department of Indo-
Delivered a lecture on the "Introduction of Buddha and Historical Buddha" at the Special Lecture Series programme organized by Central for Buddhist Studies on 16th March 2013.

Publication:

Sonam Zangpo

I. Seminar/ workshop/ Conference / Symposium:

Seminar Attended/Coordinated/Paper Presented:
1. Presented a paper entitled "Prospect and Challenges of the Chakma Buddhists" at a national seminar on "Prospective Scope of Buddhist Studies" organized by the Centre for Buddhist Studies, Visva-Bharati on 23-25 March, 2013.
2. Presented a paper entitled "Truth as Found in the Madhyamika School of Buddhist Philosophy and Its Significance in Understanding the True Meaning of Life" at an international seminar on "Ideology and the Genesis of Buddhist Schools" organized by the Dept. of Indo-Tibetan Studies, Bhasa-Bhavana, Visva-Bharati on 3-5 February, 2013.
3. As Academic Coordinator attended and coordinated an international symposium on "Buddhism and Historical Buddhist Sites in India and Nepal" organized by Indian Council for Cultural Relations (ICCR), New Delhi in collaboration with Indian Embassy to Kathmandu and Lumbini Development Trust, Nepal on 15-17 January, 2013 in Lumbini, Nepal and presented a paper entitled Buddhism and Sacred Buddhist Sites as Found in Tagore's Works there.

Publication:

Annual Report 2012-13
Department of Santali

Departmental Seminar
1. Organized a Special Lecture by Sopan Parmanik, Editor, "Lahanti Patrika on 25/02/2012.
2. Organized a Special Lecture by Lea Schulte-Droesch, Ph.D. Student, Graduate School Theology and Religious Studies, University of Groningen on 08/04/2012.
3. Organized a National Symposium on "Women's Voice in Santali Literature" collaboration with Department of Santali and Sahitya Akademi, New Delhi held on 20th May 2012.
5. Organized a Translation Programme Organized by collaboration with Department of Santali and Sahitya Akademi, New Delhi held on 21st and 22nd May 2012.
6. Organized a Special Lecture by Dr. Boro Baski, Principal, Rolfschoemv Vidyashram "The Experience of Translating Raktakarabi" Organized Jointly by Dept. of Santali and Patha Chakra, Visva-Bharati on 23/02/2013.
7. Organized a Special Lecture by Dr. Ratan Hembrom, Assistant Professor, Dept. of Santali, Vidyasagar University, Midnapur on 25/02/2013.
9. Organized a Special Lecture by Mr. Birbal Hembrom, Assistant Professor, Dept. of Santali, Bahragora College, Bahragora, Kolhan University, Chaibasa, Jharkhand on 28/03/2013.

National and International Conference/Seminar/Workshop/Exhibition etc.

Sanat Hansda
Orientation Programme:
1. Orientation programme at UGC Academic Staff College, Burdawan University, Burdawan from 31st Oct. to 27th Nov. 2012.

Dhaneshwar Manjhi
National:
1. Presented a paper in a National seminar on "Impact of Globalization on Santali Higher Education in India" Organized by AIFUCTO( All India Federation of University and College Teachers Organisations) at Aryabhattachar, Ranchi University, Ranchi, Jharkhand on 16th September-2012.

Chairied Presided
Ch-II

Refresher Course:
1. Attended a Refresher Course in “Linguistics” at UGC Academic Staff College, Ranchi University, Ranchi, Jharkhand from 05/09/2012 to 25/09/2012.

Dukhia Murmu

National Symposium:

Mansaram Murmu
National:

Orientation Programme:
1. Participated in the Orientation programme at UGC Academic staff College, Burdawan University, Burdawan from 31th Oct. 2012 to 27th Nov. 2012.

Tapan Soren
National Seminar:
1. Presented a paper in the National Seminar on 'Santali Education and Culture" on 12th March 2013 organized by Department of Santali Bhasha Bhavana, Visva-Bharati, Santiniketan, Govt. of India. Presented a paper 'Santali Lucture' (Santali Culture).
2. Participated in a symposium in "Women's voice in Santali Literature organized in Collaboration with Santali Department, Visva Bharati held on 20th May 2012 at Visva-Bharati, presented the title of the paper (Santali parsi re go harak ename).

Ramu Hembrom
National:
5. Delivered a Lecture on Celebration of Hul Maha, 30st June 2012, Organized by Barabani, Asansol 'ASECA' Branch, Burdwan W.B.
6. Delivered a Lecture on Celebration of "ASECA" Branch Annual Programme, Organized at- Barabani, Asansol.

**Orientation Programme**

Attended UGC-Sponsored 71th Orientation programme at UGC Academic staff College, Ranchi University, Ranchi from 03rd Jan, 2013 to 30th Jan, 2013.

5. **Ongoing Research Projects in the Department**

i. Name of the Teacher-Mr. Sanat Hansda (PI) & Dr. Dhaneswar Manjhi (Co-P1)
   Name of the Project- Development of Shallow Parser tools for 12 Indian Language (SPT-LL) Sponsoring Agencies-
   Government of India, Ministry of Communication and Information Technology. Department of Information Technology.
   Amount Sanctioned - 36.00 Lakhs.

**Publication**

ii. Other books / Magazine Articles:
Sanat Hansda -
1. 'Santali Saonhed Utnao Re P.O. Bodding ak Enem' - Lahanti Patrika - 14th Year 5 No. 16th June 2012.

Dhaneshwar Manjhi
3. Designing New Course/Curriculum or any other teaching innovations introduced by the Department.
4. A brief history on the development of the Bhavana/ Sadana/ Vibhaga concerned with in indication of the future planes for development. -
Department of Marathi

Departmental Seminar (Speakers, Title of the Seminar, Date) –
Org. two days National Seminar. ‘Impact of Rabindranath on Indian literature” 7th & 8th March 2013.
National and International standard Conference/Seminar/Workshop/ Exhibition etc. attend by the Teachers/Research scholars in details.

International Seminar (Attend)

National Seminar (Presented Paper)
2) Importance of Santali language in Education. (Dept. Of Santali, Vishva-Bharati)-12 th March 2013.
3) Marathi aur Hindi ke katha sahity me slam jivan- (Dept.of Hindi, Karim city College,Jamshedpur.)-20th & 21 March 2013.

Workshop

Publication with in the year April 2012-March 2013.

Department of Tamil

Departmental Seminar (Speakers, Title of the Seminar, Date) –
1. TAGORE IMPACT ON INDIAN LITERATURE- MARCH 2013

Senthil Prakash.S Assistant Professor in Tamil:

National and International standard Conference/Seminar/Workshop/ Exhibition etc. attended
• Participated and presented the paper in the National seminar conducted by Indian university Tamil Teacher’s association on May 2012 Bengaluru. Karnataka.
• Presented the paper in the national seminar conducted by MS University college(Tamilnadu) on February 2013.
• Attended the orientation course conducted by ASC- Bharathiar University,Coimbatore on February 2013.

Academic distinctions gained
Department of Tamil become a member (2012) of Association of Asian studies –USA Publication within the year
ii. THIRUKURAL AND PERSONAL MANAGEMENT- MS UNIVERSITY COLLEGE-FEB 2013.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.
1. E-content developed for basic Tamil learners.
2. Basic Tamil learning books are digitalized for students.

A brief history on the development of the Bhavana/ Sadana/ Vibhaga concerned with in indication of the future planes for development.
The Tamil Department shall make available innovative, socially-relevant educational provisions that are learner-centered, seamless and are of high-quality by employing appropriate technologies to achieve equity in education, sustainable social transformation and composite national development.
ASSAMESE LANGUAGE UNIT

Departmental Seminar - 2 days National Seminar Topic-IMPACT OF RABINDRANATH ON INDIAN LITERATURE, on 7th & 8th March, 2013 organized jointly with Marathi & Tamil Language Units.

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

Name of the Teacher: Dr. Sangita Saikia

a) Participated in a 3 days National Seminar on Rabindranath And Indian Folkloristic (organized by Bhasha-Bhavana, Visva-Bharati, Indian Council for Folkloristic Studies & Central Institute of Indian Languages, Mysore, held at Visva-Bharati, on 14-16 February, 2013). Name of the presented paper- Assamese Folk Elements & Traditional Knowledge System.


c) Participated in a 21 days UGC Sponsored Refresher Course on Assamese Language & Literature after 1960-2010 (organized by UGC Academic Staff College, Gauhati University, Guwahati, 28th May-17th June, 2012)

d) Attended a 2 days National Workshop on PEOPLES LINGUISTIC SERVEY OF INDIA, (organized by Bhasha Research and Publication Centre, Baroda & Dept. of Assamese, Gauhati University, Guwahati, 26th & 27th April, 2012)

Publication

Name of the Teacher:

Sangita Saikia

i. Text books - 1 (one) Deuri Assamese Bilingual Primer, 2012

ii. Research papers- Author- published in Satsori, 8th Year, 2nd Issue, September, 2012, Page No.95
    Title of Paper- Anyatra Birala Devi: Samaj Bastavatar Jivanta Dastavez

iii. Number of paper published in Peer reviewed/Refereed journals: National/International-1 (one)
    Name of the Journal- Aitihya, the Heritage, Trilingual Research Journal on Indology, (National)

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.

The Dept. has re-opened in June, 2007 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.
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 Languages were taught. In the year 1976, Japanese was introduced as a subsidiary subject in the Uttara-Siksha-Sadana. 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 Uttara-Siksha-Sadana. In the year 1999, the department started four-year B.A. Honours Course. Subsequently, a two year MA Course was introduced in the year 2006. The department intends to expand to keep 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 centre as well as a research centre 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 & Japan.

**Name of the students qualify in Examination:**

Departmental Seminar/ Workshop: One day Workshop on Origami, the paper folding art of Japan, was organized on November 6, 2012. Origami experts from Japan conducted the workshop.

**Conference/Seminar/Workshop/Exhibitions etc.**

**Gita A Keeni**

**Conference / Seminar**

1. Attended the Sixth Biennial International Conference of Indian Association for Asian & Pacific Studies (IAAPS) at the University of Calcutta, Kolkata during December 17-19, 2012 and presented a paper on 'Social connotations in selecting a life partner: Japan and Bengal'.

2. Participated in the National Seminar on 'Impact of Gitanjali on Indian Literature' organized by the Department of Odia, Visva-Bharati, in collaboration with Sahitya Academi, New Delhi at Visva-Bharati, Santiniketan during March 1-2, 2013 and presented a paper on 'Tagore's Gitanjali in Japan'.

**Ajoy Kumar Das:**

**Refresher Course**

1. Attended Four-weeks Refresher Course in Comparative Literature organized from 14.07.12 to 03.08.12 in Burdwan University, ASC, Burdwan.

**PROCTOR JLPT**

1. Attended the Japanese Language Proficiency Test as a PROCTOR being selected by the Consulate General of Japan, Kolkata and the Test co-operation Committee, Eastern India (July 01, 2012).

**ORGANIZED BY THE DEPARTMENT:**

Academic distinctions gained
A brief history on the development of the department:

Other relevant information

- Two students were awarded one year Japanese Government Scholarship (Monbukagakusho) based on their performance in the competitive examination conducted by Japan Foundation, New Delhi, on an all India basis.

- A number of students visited Japan for a short duration of 10 days under the JENESIS / KIZUNA project announced by the Japanese government.

- Mr. Sumanta Ghosh of MA 2nd year visited Japan on a 6 week Japanese Language training program organized by the Japan Foundation, Kansai, Japan.

- A team from Kyoto Bunkyo University, Kyoto, Japan, visited the department as a part of their 'Cultural Exchange and Field Work Program in India' from 11th to 23rd November 2012. They had a noteworthy interaction with the students of the department as well as with the Patha-Bhavana students.

- A team headed by Prof. Nakamura from Chikushi Jogakuen University, Kyushu, Japan, visited the department from 18th to 20th February 2013 and had a cultural interaction with the students and members of the faculty. This was their 24th visit to Santiniketan.
Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Scholarship
In 2012, one student availed MHRD scholarship of Government of India to pursue studies in China under the India-China Bilateral Cultural Exchange Programme and another went to Taiwan to pursue studies in Taiwan with the scholarship of Taiwan Government.

A 15 member student delegation from Visva-Bharati visited Yunnan University from 27th May to 6th June, 2012.

Departmental Seminar
1. Orientation Programme for Army Education Corps Panchmari was organized from 30th June to 09th July, 2012.
2. "Fifth All India Conference of China Studies" organized on December 15-16, 2012 at Santiniketan in collaboration with the Institute of Chinese Studies, New Delhi.
3. A seminar on "Vibrations between Tagore and World Culture and Literature with Special Reference to China" on the occasion of the Centenary Celebration of the Award of Nobel Prize to Rabindranath Tagore: A Curtain-raiser was organized in collaboration with Institute of Chinese Studies, Delhi on December 2012 Professor Dilip Kr. Basu, Department of History, University of California, delivered a lecture at Cheena Bhavana on 11th February, 2013 at 3.30 pm. on "Historiography of the Opium War (1839-42) and the State of China Studies in U.S".

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

Jayeeta Ganguly

1. Attended the Fifth All India Conference of China studies held in Visva-Bharati, Santiniketan from December 15-16th, 2012 and presented a paper entitled "Buddhism, Confucianism and Taoism; their relevance in the present day world in session Four: Emerging Trends in China studies- History, Philosophy & Religion."

2. Attended the 29th session of the Pascimbanga Itihas Samsad held in Lady Brabourne College, Kolkata from 24th - 26th January, 2013, and presented a paper entitled "Bartamaan Samaje Buddher Upadesavali Prasangikata."

Academic Visit:
Visited Yunnan University, Kunming on a teachers training programme under the joint agreement between Visva-Bharati and Yunnan University, from 18.06.2012 to 18.07.2012.

Publications:

Avijit Banerjee

1. Delivered a Lecture on “印中教育合作的历史与展望“ (History and Prospect for India China Educational Cooperation) in the Institute of South Asian Studies, Sichuan University, China on 15th June, 2012.


3. Presented a paper on “Institutionalizing China Studies in India” at the All India China Scholars Colloquium organized.
by the Institute of Chinese Studies at Delhi on 11th August, 2012
4. Paper presented on 1937年来印度汉学与汉语教学的状况” (Sinology and the State of Chinese Teaching in India Since 1937) in the Third World Conference on Sinology from 3rd to 5th November 2012 in Renmin University, Beijing.
6. Presented a paper on "An Account of Indian Scholars in China during Tang Dynasty" in the Fifth All India Conference of China Studies organised by Institute of Chinese Studies, New Delhi in collaboration with Cheena Bhavana, Visva-Bharati held on December 15-16, 2012 at Santiniketan

Academic Visit:
Visited Yunnan Academy of Social Sciences, Kunming, China on 19th June, 2012 and discussed issues of academic cooperation.

Publication
1. "Role of Cheena Bhavana in India's Chinese studies" in the book entitled "On China by India from Civilization to Nation-State" edited by Chih-yu Shih, Swaran Singh, and Reena Marwah Published 2012 by Cambria Press in Amherst, NY.

Atreya Bhatta
Seminar/Conferences/Workshop


Extension activities/NSS/Cultural and other activities
On 28th February, 2012 a forty member delegation of Jilin Provincial Art Troupe, China visited Visva-Bharati and performed the Chinese Cultural programme (Spring Festival - 2012) at Natyaghar, Visva-Bharati.

Academic distinctions
Designing New Course/Curriculum or any other teaching innovations introduced

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. Under this MOU, three Chinese teachers are taking part in the teaching and research programme of the department. The MOU had also provision for exchange of students and faculty between the two universities.

A brief history on the development of Vibhaga with the indication of the future plans for development :
Cheena-Bhavana (Department of Chinese Language and Culture) was established by Gurudeva Rabindranath Tagore and
Ch-II

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.

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.

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 2012 to March 2013
His Excellency, Mr Zhang Yan, Ambassador of the People's Republic of China to India visited Cheena Bhavana and had a discussion with Vice Chancellor on 22nd April 2012.
24.09.2012- Seven members Delegation from the Department of Shanghai Muncipal Archives visited Cheena-Bhavana, Visva-Bharati.
16.01.2013- Eighteen members Student Delegation from Yunnan University, China visited Visva-Bharati University.
02.02.2013- Six members Delegation from Bangladesh visited Cheena-Bhavana, Visva-Bharati.
07.03.2013- Three members Delegation from Shenyang Normal University, Shenyang, China to visit Cheena-Bhavana, Visva-Bharati, to interact with the Students & Teachers of Cheena-Bhavana, Visva-Bharati.
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. The CBS was established under the UGC "Scheme of Epoch Making Social Thinkers in India" in 2005. The Centre was able to start its activities only in 2007. The CBS, which was separated from the Department of Indo-Tibetan Studies earlier, has been brought back again under Department w.e.f. 29-06-2012. It is an inter-disciplinary and inter-departmental educational forum. The activities of the CBS in include, among others, the followings:


4. Organizing dramas and film shows on Buddhism: Gurudeva's Chandalika in Tibetan, 2012

VIDYA-BHAVANA
(Institute of Social Sciences)

Vidya-Bhavana, 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 of Uttarvibhaga – the department of advanced studies.

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 and 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 Paush of 1325 BS (Last week of Dec. 1925).

Vidya-Bhavana is now a major faculty of the University with six major departments [Philosophy and Comparative Religion, History, Geography, Ancient Indian History Culture & Archaeology, Economics & Politics, Anthropology and Education.

A large number of foreign students are also regularly coming to enrol themselves in different courses at Vidya-Bhavana.
DEPARTMENT OF ECONOMICS AND POLITICS

Brief History of the Department and its 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 post-graduate 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 planned to relocate 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 Lord Partha Dasgupta, Frank Ramsay Professor, University of Cambridge and Dr. Alakananda Patel, son and daughter of Professor Dasgupta respectively.

The Department is now adopting various new plans of diversifying academic activities. The thrust area of research has been identified as Agriculture, Environment and Rural Development. The Department is aspiring to be promoted to DRS-II stage of SAP with more infrastructural facilities and space provided to it from the appropriate authority.

No of Students qualified in NET/SLET: 04

Departmental Seminar:

Following Departmental seminars/invited special lectures have been organized by the Department during the last one year:

[In collaboration with A.K. Dasgupta Centre for Planning and Development]

1. Professor Avijit Sen, Member, Planning Commission, Government of India delivered a special lecture "Are Poverty measures useful to allocation of Public Resources?" on 22nd September, 2012.

[With financial assistance from UGC-SAP (DRS-I)]

3. Sayan Banerjee, Doctoral Student & Graduate Research Assistant, Department of Political Science, Georgia State University, Atlanta, GA & Visiting fellow, Institute of Foreign Policy Studies, University of Calcutta delivered a talk on "Regionalism and Ethnic Politics in the context of Rural Development in India, on 21st July, 2012.
4. Swami Chetananda, Minister In Charge, Vedanta Society, St. Louis, USA, delivered a talk on "Swami Vivekananda and our Society" on 23rd February, 2013.
5. Dr. Parthapratim Pal, Associate Professor, IIM Kolkata, delivered a seminar titled "Financial Crisis to Food Crisis: Making of the Silent Tsunami" on 1st March, 2013.
7. Dr. Mihir Bhattacharya, Professor Emeritus, Film Studies, Jadavpur University delivered a seminar titled "Media and Primitive Accumulation" on 4th March, 2013.
8. Dr. Atulan Guha, Faculty in Institute of Rural Management, Anand (IRMA, Gujarat), delivered a special lecture titled "Agricultural Wage Causing Food Price Increase" on 22nd March, 2013.
9. Dr. Maitrayee Mukerji, Assistant Professor, Centre for Studies in Social Management, School of Social Sciences, Central University of Gujarat, Gandhinagar, delivered a seminar titled "Access, Use and Impasse of E-Choupal: Findings from Village Level" on 22nd March, 2013.
10. Prof. Amiya Kunar Bagchi, Professor Emeritus, Institute of Development Studies, Kolkata (IDSK) delivered a special lecture titled "Global Crisis and Economies of India and China" on 17th March, 2013. It was the Valedictory for the two-day National Seminar on "Economics and Development: Theory and Practice", organized by the Department.

National Conference/Seminar organized by the Department
Following Four National/Regional Conferences/Seminars have been organized by the Department during the last one year:


Participation in National/International Conferences/Seminars/Workshops by the teaching faculty of the Department during last one year is listed below:

Madhusudhan Ghosh

Sarbjit Sengupta
1. Participated as a Panel Discussant in the 2nd Workshop on Economic Growth in West Bengal, organized by Sampling and Statistical Unit, Indian Statistical Institute, Kolkata during January 7-8, 2013.
3. Chaired a technical session in the State Level Seminar on Economic Theory And Applications organized by West Bengal State University and Vidyaasagar University, at West Bengal State University, Barasat during March 7-8, 2013.

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Pranab Kumar Chattopadhyay

Sudipta Bhattacharyya
4. Presented a paper titled "Political Economy of Agrarian Crisis and Climate Change" in the National panel discussion on Agrarian Crisis, Climate Change and State Response, organized by Rosa Luxemburg Stiftung, New Delhi, on 14th December, 2012.

Pranab Kanti Basu
1. Delivered two lectures titled "International Economic Organisations" and Globalization at the UGC-sponsored Refresher Course organized by the Department of Economics, in collaboration with Academic Staff College Calcutta University on January 3, 2013.
2. Delivered a lecture titled "Governmenality" at the UGC-sponsored Refresher Course organized by the Department of Economics in collaboration with Academic Staff College Calcutta University, on January 6, 2013.

Apurba Kumar Chattopadhyay

Santadas Ghosh
1. Presented a paper titled "Extreme Event, Livelihood Loss and Adaptation Strategies: Evidence from Indian Sundarban delta" in the Regional Conference on Climate Change Adaptation in Coastal Areas organized by The Centre for Coastal
Ch-II

Environmental Conservation (CCEC) in Bangladesh and WWF - Pakistan during 16-17 October, 2012 in Dhaka, Bangladesh.


4. Delivered a lecture as a resource person on "Introduction to STATA" at the UGC-sponsored Short Term Course on Research Methodology organized by the Department of Economics in collaboration with Academic Staff College, University of Calcutta on March, 19, 2013.

5. Delivered a lecture as a resource person on "Statistical Analysis Using STATA" at the UGC-sponsored Short Term Course on Research Methodology organized by the Department of Economics, in collaboration with Academic Staff College, University of Calcutta, on March 23, 2013.

Saumya Chakrabarti


5. Presented a paper titled "Unorganised manufacturing in India: structural transformation / exclusion / marginalisation?" in the 22nd Annual Conference, Department of Economics, Jadavpur University, Kolkata, 3-4 January 2013.

6. Presented a paper titled "Informal manufacturing in India: inclusion / marginalisation?" in the International Conference on Representing Development: the Process and Role of Informalisation, Galgotias University, Delhi, 8 February 2013.

7. Attended the Workshop on Latin American Advanced Programme on Rethinking Macro and Development Economics (Laporde) at the Sao Paulo School of Economics, Sao Paulo, Brazil; 7-11 January, 2013.

Amit K Biswas


Biswajit Mondal


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Achiransu Achrayya
2. Participated and presented a paper titled "Groundwater Markets in West Bengal and the question of Sustainability” at the Workshop on Planet, People or Profit? The Perilous Passage and the Capitalist Transformation of the Natural World organized by the Institute of Development Studies, Kolkata and funded by the Indian Council of Historical Research at Institute of Development Studies, Kolkata during 10-14 September, 2012.
3. Presented a paper titled "Groundwater Scarcity, Climate Change and the Question of Food Security: Addressing the Indo China Common Problem" in The Second Interdisciplinary Symposium for Emerging Scholars on China India Studies organized by The India China Institute, The New School, New York in partnership with the Centre for Policy Research, New Delhi and the Department of East Asian Studies, University of Delhi and Centre for East Asian Studies, Jawaharlal Nehru University, New Delhi at University of Delhi during 2-3 November, 2012.
6. Presented a paper titled "Water Crisis and Towards Sustainable Development in West Bengal: A Socio Economic Viewpoint" at the State level seminar on Literature and Natural Resources organized by Centre for Development Studies and Research, at Krishnanagar, Nadia, West Bengal on 13th January, 2013.
7. Participated and successfully completed the UGC sponsored Refresher Course in Economics organized by the Academic Staff College and University of Calcutta during 2-22 January, 2013.

Biswajit Haldar

Somnath Bandyopadhyay

Kaberi Pal
Ch-II

Sushovan Hazra

Rajiv Dey
1. Presented a paper titled "Problem of Farm Viability, Poverty and Agrarian Crisis: A study of West Bengal" in the National Seminar on Agrarian Crisis in India: The way out organised by NIRD in Hyderabad during 5-7 November, 2012.

Ongoing Research Projects in the Department:
Following is the details of research projects that have been ongoing/started during last one year:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the Project</th>
<th>Sponsoring Agency</th>
<th>Amount sanctioned (Rs.)</th>
<th>Status (ongoing for/completed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>An Economic Analysis of Groundwater Markets in West Bengal (Achiransu Acharyya)</td>
<td>U.G.C</td>
<td>1,30,000</td>
<td>Completed and Submitted</td>
</tr>
<tr>
<td>2</td>
<td>Rural Non-Farm Employment: Characteristics and Determinants (Apurba Kumar Chattopadhyay &amp; Saumya Chakrabarty)</td>
<td>UGC (SAP)</td>
<td>1,31,412</td>
<td>Completed and Submitted</td>
</tr>
<tr>
<td>3</td>
<td>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)</td>
<td>UGC</td>
<td>6,49,600</td>
<td>Started</td>
</tr>
<tr>
<td>4</td>
<td>A Comparative Study of the Methods and Impacts of Employment Guarantee Schemes across Global South: Inclusion or Elite Capture?</td>
<td>Brown International Advanced Research Institute (BIARI)</td>
<td>2,00,000 (approx.)</td>
<td>Ongoing</td>
</tr>
</tbody>
</table>

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Apurba Kumar Chattopadhyay
- Joined the Centre for Contemporary Indian Studies, University of Colombo, Sri Lanka as Visiting Chair Professor for Indian Studies in April 2012 and continued in the said post till July 2012

Saumya Chakrabarti
- Awarded the ICSSR Travel-Grant to visit The Fletcher School, Tufts University, USA, November, 2012.
- Won the D.K. Desai Award 2012 conferred by the Indian Society of Agricultural Economics.

Publications: a) By the Teachers:
Following is the list of publications that had come up during last one year and authored by the teaching faculty of the Department:

Madhusudhan Ghosh

**Book:**

**Articles:**
1. Regional Divergence and Club Convergence in India, Economic Modelling 30 (January), 2013, 733-742. (Co-authors: A. Ghoshray and I. Malki). ISSN 0264-9993
3. Regional Economic Growth and Inequality in India during the Pre- and Post-reform Periods, Oxford Development Studies 40(2) 2012, 190-212.

Pranab Kumar Chattopadhyay
Ch-II

Sudipta Bhattacharyya

Book:

Articles:

Saumya Chakrabarti

Amit K Biswas

Biswajit Mondal

Soumyadip Chattopadhyay

Achiransu Acharya
1. 'Kashmir: Kichu Dekha, Kichu Katha', pages 81 to 91, Article published in the Bengali Journal 'ANTORJATIK PATHSHALA', January to March 2012. ISSN 2230-9594
2. 'Paribesh O Arthaniti'. Pages 93 to 98, Article published in the Bengali Journal 'ANTORJATIK PATHSHALA', April to June 2012. ISSN 2230-9594.
Publications: b) By the Research Scholars:

Following is the list of publications that had come up during last one year and authored by the research scholars of the Department:

Somnath Bandyopadhyay
1. MGNREGS and Balanced Development: A Critical Analysis, Open Eyes, Vol.8 (1&2), December 2012. ISSN No. 2249 -4332.

Raj Kumar Kundu
1. An Alternative Way of Canal Irrigation and its Importance in India: With Special Reference to Kerala & Maharashatra, Open Eyes, Vol.8 (1&2), December 2012. ISSN No. 2249 -4332.

Rajiv Dey

Designing New Course/ Curriculum introduced by the Department:

Other Relevant Information on the Department:
• The A. K. Dasgupta Centre for Planning and Development, hosted by the Department has published four Working Papers and three books within last one year. The contributors included both the faculty of the Department as well as academicians from other institutions.
• 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 seven such economists and scholars had visited and delivered Departmental seminar/talk on various contemporary issues.
• Also, under UGC-SAP (DRS-I) Programme, seven Working Papers have been published during this period.
DEPARTMENT OF GEOGRAPHY

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. 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 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).

No. of the students qualified in UGC/CSIR/NET/SLET and GATE Examination:
UGC (JRF) - 5
NET - 9

Conference/Seminar/Workshop/Exhibition etc attended by Teacher/Research scholars in details.

Parbati Nandi:
Nominated as Visiting Fellow under UGC-SAP-DRS Programme of Burdwan University and delivered lectures on 22 and 23 March 2013 at the Department of Geography, Burdwan University. Participated as a keynote speaker on "Status of women in Rural Areas of Birbhum District"

Guru Prasad Chattopadhyay:
Seminars Attended with papers

Title of the Paper Presented: EXTENT OF PERIGLACIAL LANDFORM FEATURES IN THE HIGH ALTITUDE HIMALAYAN REGION AND THEIR PALEOCLIMATIC SIGNIFICANCE
International Conference of the Geographical Union on "Geoinformatics for Biodiversity and Climate Change" during 14-16 March 2013). Hosted by: M.D. University, Rohatak, Haryana.

Title of the Paper Presented: CLIMATE CHANGE AND ITS IMPACT ON THE GLACIAL AND PERIGLACIAL ENVIRONMENT IN THE HIMALAYA: SOME OBSERVATIONS AND ANALYSES.
Invited Lectures delivered in Seminars and Conferences

UGC-sponsored National Seminar on "Climate Change and Green Economy with reference to India" on 5th and 6th June, 2012. at Jaipur.

Title of the Lecture: CHANGES OF GLACIAL ENVIRONMENT AROUND THE SOUTHEAST-FACING SLOPES OF KANCHEJUNGA IN THE SIKKIM HIMALAYA: AN ASSESSMENT OF THE IMPACT OF GLOBAL WARMING ON THE GLACIERS

Title of the Lecture: FROM TERAI TO KANCHEJUNGA: MARVELS OF THE EASTERN HIMALAYA
National Seminar on "River, Flood and Sustainable Resource Management" on 23rd February 2013
Hosted by: Department of Geography, Gour Banga University, Maldah

Annual Report 2012-13
Title of the lecture: GLACIAL LAKE OUTBURST FLOOD: A REPORT FROM THE KANCHENJUNGA AREA OF THE SIKKIM HIMALAYA

Training Course on "Disaster Management" (For The University And College Teachers) On 09.03.2013, Hosted By: Burdwan University Academic Staff College, Burdwan

Titles of the Lectures: 1) DISASTER AND DISASTER MANAGEMENT: AN OVERVIEW, and 2) GEOPHYSICAL HAZARDS AND DISASTERS IN THE HIGH ALTITUDE HIMALAYAN REGION.

National Seminar on "Climate Change and Environmental Impact Assessment (Indian Perspective)" on 21st and 22nd March 2013. Hosted by: Netaji Institute for Asian Studies. Venue: Netaji Institute for Asian Studies, Govt. of West Bengal, Kolkata

Title of the Lecture: RAPID DEGLACIATION UNDER GLOBAL WARMING AND CATASTROPHIC GLACIAL LAKE OUTBURST FLOOD IN THE HIMALAYA: A REPORT FROM THE KANCHENJUNGA AREA IN THE EASTERN HIMALAYA.

Malay Mukhopakhyay-
1. 'Biodiversity conservation through revival of sacred groves in West Bengal' 34th institute of Indian geography(IIG) meet- National Seminar, Earth Science Studies, Thiruvananthapuram, Kerala, December 13-15,2012
2. 'Changing Rural livelihood in India - Thinking afresh '. National Seminar, UGC sponsored , Gour Mahavidyalaya, Malda, 8-9th September 2012.
3. a)River Restoration -an approach for environmental renewal’
   b) Norwester of Eastern India - a perceptional study.
   c)Geography behind Myth -a study on Noah's flood.
   27th February 2013, as a visiting professor delivered three special lectures under MHRD scheme during the XII plan, Vidyasagar University, Medinipur, West Bengal.
4. National conference on reorienting geography, education & training for Sustainable Development in India 29-31 Oct'12,BHU as resource person

Uma Sankar Malik-
Nominated as Visiting Fellow under UGC-SAP-DRS Programme of Burdwan University and delivered FOUR lectures on 22 and 23 March 2013 at the Department of Geography, Burdwan University.

Sutapa Mukhopadhyay:
1. Presented paper entitled "Impact of Reclamation Programmes on Emerging Hazardous situation in Sunderbans” in XXXIV Indian Geography Congress, Department of Geography, Patna University, November 2-4,2012.

Manjari Bhattacharji
1. National Seminar on 'Echoes of Silent Spring: Human impact on Environment' 9th March, 2013, Department of Environmental Studies, Visva-Bharati, Santiniketan
   Title of the paper presented: Land Treatment Measures for Water Management: Study from Husumdanga Village, Hirbundh C.D. Block, Bankura, West Bengal
2. National Seminar on Changing Rural Scenario in the New Millennium. Dept. of PCK(Social Studies and Rural Development), Visva Bharati ,Santiniketan Title of the paper presented: Water Management in a Rural Area: Case Study in Khayer Kundi Village, Hirbundh C.D. Block, Bankura, West Bengal
3. International Geography Congress, PG Department of Geography, Utkal University, Vani Vihar, Bhubaneswar, Odisha Title of the paper presented: Comparative Analysis of Habitat Quality of Different Social Groups: Case Studies from Hirbundh C.D. Block of Bankura District, West Bengal, India
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Ongoing Research Projects in the Department:

1) Dr. Manjari Bhattacharya: ICSSR Funded Research Project on 'Impact of Regulated Drainage on Agriculture and Ecology in Parts of Lower Damodar Flood Plain, West Bengal',

2) Dr. Sutapa Mukhopadhyay:

'An approach to the abatement of flood hazards of Mayurakhi river basin of West Bengal, Eastern India, through geo-economic management.'

Amount: Rs. 6,37200.00

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

Academic distinctions gained by Teachers/Scholars or the Department as a whole:

Prof. V.C. Jha: Appointed as DIRECTOR, National Atlas and Thematic Mapping Organization (NATMO), Kolkata, Government of India, Ministry of Science and Technology, New Delhi on Deputation for THREE YEARS since 9th April, 2012.

Publications within the year, April 2012-March 2013.

Parbati Nandi:
1. Level of Backwardness In Birbhum District, West Bengal - P. Nandi and S. Chatterjee - North Eastern Geographer, Vol 36, No 1 & 2, 2009-2010, Pp 110-118, ISSN-0973-0915@ NEIGS.

2. Impact of Purandarpur on It's Surrounding Area: A study in Rural Hierarchy - Parbati Nandi & Sanchita Chatterjee - Published in Practising Geographer, Vol-17, No 1, Summer 2013, Pp 43-50, ISSN 0975-3850.


Debasish Das:

i) "Debashis Das (and Jyotilal Mondal)," Impact of Tilpara barrage on economy of its surrounding areas- Geo-Analyst Vol 2 No 2 Geographic society of North Bengal, PP16-22 ISSN No 2249-2909.


G.P. Chattopadhyay:


2012c: Changes in the glacial environment around the southeast-facing slopes of Kanchenjunga in the Sikkim Himalaya: an assessment of the impact of Global Warming on the glaciers. Proceedings of the National Seminar on Climate Change and Green Economy(Jaipur, 5-6 June 2012)

Malay Mukhopadhyay:

Books:


Articles:


(Mrs.) Sutapa Mukhopadhyay:


Published Book

Gopal Chandra Debnath:

Published research paper

i) Usefulness of GIS Application in analyzing the major dynamic geomorphic processes like erosion, deposition and to prevent Deforestation activities in Sundarbans: The international Journal's Rasearch Journal of Social Science & Management, ISSN: 2251-1571.

ii) Morphometric analysis and associated land use study of a part of the Dwarkeswar Watershed: INTERNATIONAL JOURNAL OF GEOMATIC AND GEOSCIENCES Volume 3, No2, 2012 @ copyright 2010 all rights reserved Integrated publishing services Research article ISSN 0976- 4380 Submitted on January 2013 published on January 2013 351

Manjari Bhattacharji


Krishnendu Gupta

i). Municipal Solid Waste Management: A Case Study of Tarakeswar-Temple Town in Hugli District(Co-author Das S), Practising Geographer, (ISSN 0975-3850) Vol 16, No 2, 2012 pp 221-231


DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

The Department of Ancient Indian History, Culture and Archaeology is a direct descendent of Indological studies that were initiated at Santiniketan, with the blessing of Rabindranath, and undertaken by pundits Kshitimohan Sen and Vidhusekhara Sastri in the early 1900s, to be precise 1907 onwards, even when the idea of Visva-Bharati have not had its germination in the mind of the Poet.

The Department of Ancient Indian History and Culture, which was thus named in 1951, has been re-christened in 1977, with the introduction of Archaeology as a component of course structure, as the nomenclature now stands.

K. Mavali Rajan
Research Publication:

Bikash Mukherjee
1. Participated in the International Conference held on Goutam Buddha University, Noida, New Delhi from 7th-9th September 2012 and delivered a lecture on "Transformation of Buddhism in Eastern Indian as revealed in Charyagiti and Doha".

Ananda Chandra Sahoo:
Conference/Seminar/Lecture:
1. Invited to deliver four lectures in the Refresher Course programme, organized by the P.G. Department of History, Sambalpur University, Jyoti Vihar, Odisha on 13th and 14th December, 2012, on the theme: (I) "Early Indian Religions: beliefs and Practices" and (II) "Fine Arts as a Source of Source materials for the study of the history of religions".
2. Attended the two days National Seminar on the "Philosophy of Sri Chaitanya and India Culture" organized by the Department of Philosophy and Comparative Religion, Visva-Bharati on 30th and 31st March 2013, and presented a paper entitled "The Cult of Jagannatha: Reflections on religious adaptations".

Sarita Khettry.
Conference/Seminar/Lecture:
1. Participated and presented a paper entitled 'The Representation of the Buddha in Indian Art: A review' in three day National Seminar of Indian Art History Congress on Indian Art and Religion: An interactive approach organized by Ramakrishna Mission Institute of Culture from 23rd-25th November 2012 at Kolkata.
2. Participated and presented a paper entitled 'Agents' of Indian Culture in South- East Asia during the Pre-Colonial Period' in three day Sixth Biennial International Conference organised by University of Calcutta and Indian Association for Asia and pacific Studies from 17-19 December 2012 at University of Calcutta, Kolkata.
3. Participated and presented a paper entitled 'The meaning and significance of Anji' in the 73rd Session of the Indian History Congress from 28-30th December 2012 at Mumbai University, Mumbai.

Publications/Books
1. 'Monastic Role in the introduction of the image Cult in Buddhism of the North-West', 'Aspects of Indian History and culture' Edited by Sudipa Ray Bandyopadhyay, Rita Chaudhuri, Mahua Chakraborti, New-Delhi, 2012, pp.101-111.
2. 'Portable' images (Buddhist) from Gandhara, Proceedings of the Indian History Congress, Delhi, December 2012, pp.204-211.

Book Review
Reviewed a Book entitled 'Early Buddhist Transmission and Trade Networks (Mobility and Exchange within and beyond the North-Western Borderlands of South Asia) by Jason Neelis in the Journal of Ancient Indian History, Vol.XXVII, Kolkata, 2012.
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DEPARTMENT OF HISTORY

CHHANDA CHATTERJEE
Participation and presentation of paper in International Conference
- It was fully funded by a foreign travel grant by the Indian Council of Historical Research, New Delhi

Organization of International Conference

Papers Published
- 'War for Independence : The Khalsa Against the Company Raj, 1845-46 and 1848-49 in The Indian Historical Review, 39, 2 (June-December, 2012)
- The Idiom of India: Rabindranath Tagore and the Poet Saints of the Shri Guru Granth Sahib' in the Presidency College Autumn Annual.

BHASKARJYOTI BASU

S. Jeyaseela Stephen
National/International Conference/Seminar/ Workshop Attended

Publications
Book

Syed Ejaz Hussain,
Associate Professor
Publications:

Seminars/Conferences:
1. Participated in the 10th International Conference on Bengal Art organized by the International Centre for Study of Bengal Art, Dhaka, Bangladesh and Khuda Bakhsh Oriental Public Library, Patna on 21-24 February, 2013 and presented a paper titled "Discovery of Husain Shah's New Inscription and Ruins of a Jami Mosque from Husain Gunj in Ballia District of Uttar Pradesh".

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Honours/Awards:
1. Elected as the Honorary Fellow of the International Centre for Study of Bengal Art, Dhaka, Bangladesh and awarded with a Memento, a Certificate and a Shawl in the Valedictory Session of the 10th International Conference on Bengal Art in Patna on 24 February, 2013.

Lectures Delivered:
1. Gave two lectures in the Refresher Course organized by the Department of History, Jadavpur University, Kolkata on 8th February, 2013. The first lecture was on 'The Institution of Khalifa and the State Power: Glimpses from Indian Sultanate Coins' and the second lecture was on 'The Coins and Mints of Bihar during the Medieval Period'. Participation in Expert Meetings at Victoria Memorial Hall, Kolkata: Participated in the meetings of Physical Verification Overseeing Committee of Victoria Memorial Hall, Kolkata on 16th February, 2013.

Amarendra Kumar
Honours/Awards/Achievements
1. Selected for Associateship of UGC Inter-University Centre for Humanities and social sciences at Indian Institute of Advanced Studies Shimla (for 3 years); Availed second spell of Associateship under this programme from 01.10.2012 to 31.10.2012.

Seminars Attended/Paper Presented
1. Presented a research paper titled 'The Sidi Factor and the Orientation of Maratha Naval Policy (1680-1730)'

BIPASHA RAHA
Visiting Professor
Visiting Professor, Burdwan University, August 27-30, 2012
Research Project
Ongoing UGC Major Research Project on 'The Rural World in Contemporary Literature: Changing Perceptions in Colonial Bengal, 1930-50'

National Seminars
1. Presented a paper titled "Peasant Rebellion in Rangpur: 1783" in the 73rd session of the Indian History Congress, 28-30, December, 2012
2. Presented a paper titled "Credit Relations in Rural Bihar and Orissa, 1912-1936" in the national seminar on 'Locating Modernity and its Parameter: Perspective India (1556-2000)' held at Malda College in collaboration with Department of History, Vidyasagar University, 21-22 January, 2013 and also chaired a session

International Seminars/Conferences Attended

Arpita Sen
Publication
1. Participated in the 33rd Annual Conference of the North East India History Association held at Rajiv Gandhi University, Rono Hills, Itanagar, Arunachal Pradesh from 1-3 November, 2012 and presented a paper "Interpreting an autobiography - Atmajibansmriti (Memories of my life) through a gendered lens (1889-1916)".

Pum Khan Pau
Seminars Attended:

Published work:
DEPARTMENT OF ANTHROPOLOGY

Activities of the Department
The department of Anthropology which is under Vidya-Bhavana (Institute of Humanities & Social Sciences) offers a two year M.A./M.Sc. Course in Anthropology and provides specialization in two major areas of the subject - Biological Anthropology and Social Cultural Anthropology. Preparation and submission of Dissertations based on Field Work form the essential part of the specialized course. It also conducts one semester Ph.D. Course Work. The Department is also publishing its own biannual research journals "Nritatta - The Anthropology" with ISSN (2249-9830).

JYOTI RATAN GHOSH

RANGYA GACHUI

Publications

ARNAB GHOSH

JYOTI RATAN GHOSH

RANGYA GACHUI
A Development Perspective of Inpui : (A Critical Study on Development Perspective)
Published by : Tamthing Ruivanao for development of human potential. Imphal.
DEPARTMENT OF PHILOSOPHY AND
COMPARATIVE RELIGION

The conceptual foundation of the present-day Department of Philosophy and Religion was laid early as in July 1919 when Visva-Bharati was inaugurated as the unique home for all cultures. The programme offered by what was then the Department of Higher Studies included provision for study and research in various aspects of Dharma-Shastra, Purana and Hindu Religion. With Visva-Bharati becoming a registered public body and adopting a constitution of its own on 23rd December, 1921, the Department of Higher Studies, then renamed Uttar Vibhaga, expanded its academic programme by including Philosophy as an independent area of study besides Logic, Nyaya and Vedanta (Upanishads). The study-cum-research programme in philosophical subjects received fresh impetus when academic wing of Visva-Bharati was reconstructed in 1926. The erstwhile study-cum-research centre was then transformed into a full-fledged School of Research called Visva-Bharati. This institute of higher studies and research soon made available facilities for original research in a number of philosophical areas such as Buddhism, Jainism, and Indian Mysticism. The years that followed were marked by high-quality research in Philosophy with participation of scholars like Muni Jui (Jainism), Brahmachari Govinda, a German Buddhist monk (Buddhist Studies), Professor C.L. Fabri, a Hungarian Sanskrit Scholar, Countess Hamilton (Indian Philosophy), and Professor Phanibhusan Adhikari (Indian Philosophy).

Yet another change took place in 1951 when Visva Bharati became a Central University by an Act of Parliament. As the curriculum, teaching and examination-system of the University began to assume the form prevalent in other universities in the country, Vidya-Bhavana originally a School of Research, had to start Undergraduate and Postgraduate courses in a number of subjects including Philosophy and Comparative Religion. That was how today Department of Philosophy and Religion came into being.

In April, 1964, the Department was converted into a Centre of Advance Study in Philosophy.

Organized Seminar/ Lecture / Conference:
1. Organized the 5th International Conference of Korean and Indian Writers and Artists on Mythology, Mysticism, Literary Arts of Suffering and Redemption organized by the Dept. of Philosophy & Religion, Visva-Bharati, Santiniketan and Korean Artists for India, South Korea on 19th July, 2012 at Santiniketan
3. Organized Binodini Memorial Endowment lecture at Visva-Bharati on 31st March, 2013 and lecture delivered Prof. Pradyut Mukhopadhyaya, Former Professor of Philosophy, Jadavpur University, Kolkata.
4. Organized two-day International Seminar on Values and Indian Culture in collaboration with the Council for Research in Values and Philosophy, Washington, DC, USA
5. Organized two-day National Seminar on the Philosophy of Sri Chaitanya and Indian Culture on March 30-31, 2013 at Visva-Bharati.

TEACHERS SEMINAR:
1. Maya Das delivered lecture on Human Destiny in Traditional Indian View on 09-08-2012.
3. Dr. M.P. Terence Samuel delivered lecture on Indian Philosophy and Foucault on 24.8.2012
4. Prof. V. Raman delivered lecture on Wittgenstein, the Man and his Philosophy on 31.8.2012.
5. Prof. Kalyan Bagchi delivered lecture on Categories as a priori particulars on 5.10.2012.
6. Prof. V.N. Sheshagiri Rao, Dept. of Philosophy, Mysore University delivered lecture on "Indian and Western Philosophy in the Era of Science".
Input of the Teacher for preparing Annual Report from April,-2012- March,- 2013

Name : Md. Sirajul Islam

Research Papers:

Attended Seminar / Conference:
National:
1. Attended One day State Level Seminar on Life and Teachings of Prophet Hadrat Muhammad on 13-05-2012 in the Muslim Institute Hall, Kolkata, organized by Natun Gati and presented paper on the Role of Prophet Hadrat Muhammad to Reform the Society.
2. Attended UGC sponsored Two-Day National Seminar on "Man and Nature" organized by the department of Philosophy, Christ College, Cuttack, Orissa on September 15-16, 2012 and presented a paper on Relationship between Man and Nature: Some Moral Reflections and also presided over in the 5th session of the seminar on 15-09-212.

International:
5. Attended UGC sponsored Three-day International Seminar on Ethics in Persian Poetry with Special Reference to the Mathnavi of Jalaluddin Rumi on February 4-6, 2013 organized by the Dept. of Persian, Gauhati University, Guwahati, Assam and presented a paper on Rumi's Notion of Universal Love: A Philosophical Analysis.

Lecture Delivered:
1. Delivered UNESCO Lecture organized by Prof. Radharaman Chakraborty, Ramkrishna Mission Institute of Culture, Golpark, Kolkata on 17-04-2012 (at evening) on Islamic Notion of Peace and Humanism.
2. Delivered Welcome Address in the 5th International Conference of Korean and Indian Writers and Artists on Mythology, Mysticism, Literal Arts of Suffering and Redemption organized by the Dept. of Philosophy & Religion, Visva-Bharati, Santiniketan and Korean Artists for India, South Korea on 19th July 2012 at Lipika Auditorium, Visva-Bharati.
Ch-II

3. UNESCO Lecture delivered on 13 April, 2013 at Ramakrishna Mission Institute of Culture, Golpark, Kolkata on Islam, Humanism and world peace, organized by Prof. Radharaman Chakravorty.

Chairred/ Presided in the Session:
1. Presided over in One day State Level Seminar on Life and Teachings of Prophet Hadrat Muhammad on 13-05-2012 in the Muslim Institute Hall, Kolkata, organized by Natun Gati
2. Presided over on 15-09-2012 in the 5th Session of UGC sponsored Two Day National Seminar on "Man and Nature" organized by the department of Philosophy, Christ College, Cuttack, Orissa held in September 15-16,2012

Book Published:

Maya Das

Participation in National and International Seminars
   Paper presented: Mysticism in Indian Religious Philosophy

   International Seminar on Values and Contemporary Culture: An Indian Perspective, Jointly organized by the RVP Washington DC and the Department of Philosophy and Religion, Visva-Bharati.
   Paper presented: Values and Contemporary Culture: Some of Tagore's Thoughts

5. March 5
   Seminar in Commemoration of the 150th Birth Anniversary of Swami Vivekananda on Relevance of Swami Vivekananda in the 21st Century organized by Indira Gandhi Centre, Visva-Bharati.
   Chairperson of one session of the Seminar.

   National Seminar on the Philosophy of Sri Caitanya and Indian Culture, organized by the Department of Philosophy and Religion, Visva-Bharati.
   Paper presented: Philosophy of Sri Caitanya: A Turning Point in Indian Religious Culture

Research Publication:

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Title of the paper</th>
<th>Name of the Journal</th>
<th>ISSN / ISBN Number</th>
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</thead>
<tbody>
<tr>
<td>i.</td>
<td>&quot;The Jaina concept of Ahimsa and its relevance in modern society.</td>
<td>'Anukrity'</td>
<td>2250 - 1193</td>
</tr>
<tr>
<td>iii.</td>
<td>&quot;Jaina concept of omniscience (kevalajnana) - A critical and comparative study.&quot;</td>
<td>'Anusilana'</td>
<td>0973 - 8762</td>
</tr>
<tr>
<td>iv.</td>
<td>&quot;Jaina ethics and its impact on Society.&quot;</td>
<td>'Shodh Drishti'</td>
<td>0976 - 6650</td>
</tr>
</tbody>
</table>

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MANJARI CHAKRABARTY
SEMINAR/CONFERENCE/WORKSHOP ATTENDED:
1) Workshop on Philosophy Of Science (5-12 NOVEMBER, 2012) organised by the Centre for Advanced Studies, Department of Philosophy, Jadavpur University, Kolkata-700 032. Title of the paper presented: 'Karl Popper on Scientific Discovery'.
2) National Seminar on Society, Culture and Value (20-21 December, 2012) organised by the Centre for Advanced Studies, Department of Philosophy, Jadavpur University, Kolkata-700 032. Title of the paper presented: “The Epistemic Value of Material Culture”.
3) MidWest Workshop on Philosophy of Science, Technology, Engineering and Mathematics (Philo STEM-5) held at the campus of Indiana University-Purdue University (IPFW), Fort Wayne, USA, (14-16 March, 2013). Title of the paper presented: " Karl Popper on 'Feats of Engineering': An Exposition and Critique"

PUBLICATION:
1) Title of the paper: 'Popper's Contribution to the Philosophical Study of Artifacts' in the Proceedings of the 23rd Biennial Meeting of the Philosophy of Science Association (PSA) held at San Diego, California, USA (15-17 November, 2012).

REKHA OJHA
1. Orientation Programme (OP-106) - Attended Orientation Programme (OP-106) at U.G.C. Academic Staff College, Himachal Pradesh University, Summer Hill, Simla-held on 14-05-2012 to 09-06-2012 and obtained "A" grade.

Publication:
1. Research paper published in Indian Journal of Environment and Development, University of Lucknow, on the topic "Environment for Labour class women and health; A Discourse". ISSN-No-2249-0043.

Detail of Seminar / Conference / Workshops / Lecture attended and paper presented
Ch-II

CENTRE FOR JOURNALISM & MASS COMMUNICATION

Number of students qualified: 5 (4 - NET June, 2012, 1 - NET December, 2012)

Departmental Seminar/Workshop:

1. A National Workshop on 'Emergence of New Media in the Rural Belt of India with special reference to West Bengal' in collaboration with Friedrich Ebert Stiftung (FES), Germany on 20-22 April, 2012
2. A special lecture on 'The Documentary Photographic Image--The Story Is The Thing!' by Professor George C McLemore, Department of Communication of the University of Texas-Pan American, USA on 22 July, 2012.
3. A Public Relations Workshop on 29-30 November, 2012

National & International standard Conference/Seminar/Workshop/Exhibition attended by Teachers/Research Scholars in details:

BIPLAB LOHA CHOWDHURY

2. Presented a paper on "Contemporary India: Value and Culture Conundrum" in Visva-Bharati Dept of Philosophy & Religion and Catholic University of America, Washington International seminar on Values and Contemporary Culture: An Indian Perspective on 15th January, 2013
3. Presented a paper on "From centrality of computer to Diffused Centrality: Media redefinition stimulated by Transforming New Media" presented in Pune University Department of communication studies National Seminar on Metamorphosis of New Media & Digital Culture dated 7-9th March, 2013.

MAUSUMI BHATTACHARYYA

1. Presented a paper on 'Social Media and Contemporary Culture in India' in an International seminar organized by the Dept of Philosophy & Religion, Visva-Bharati and Catholic University of America, Washington in International seminar on Values and Contemporary Culture: An Indian Perspective on 14-15 January, 2013
2. Presented a paper on 'Mobile Communication in empowering Rural India: A case study in the villages of Birbhum district, WB, India' in an International Seminar organized by the Jadavpur University, Kolkata in association with the Sterling University, UK on 11 December, 2012
3. Presented a paper on 'Gender Situation at Higher Education System' in an International Workshop organized by the Surendranath College for Women, Kolkata in association with International Association for Women in Radio and Television on 30 August, 2012
4. Presented a paper on 'Rural Society: Mindset towards mobile phone usage' in a National Workshop organized by the Centre for Journalism & Mass Communication in association with Friedrich Ebert Stiftung, Germany on 20-22 April, 2012
SANHITA CHATTERJEE

Publications within the year April 2012-March 2013:

BIPLAB LOHA CHOWDHURY
1. Authored "NaboMadhyamer Ruporekha" (Bengali Outline of New Media) published by Paschim Banga Rajya Pustak Parshad, Kolkata.
2. Invited article "Media & Volunteering" published in UNDP-UNVF volume Volunteering In India Contexts, Perspectives and Discourses.
3. Invited joint article (with Birajkanti Shome) "Indian Perspective & Tradition of Volunteering" published in UNDP-UNVF volume Volunteering In India Contexts, Perspectives and Discourses.

A brief history on the development of the Vibhaga
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.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting:
In 2012-13 session, 1 student got 'Gandhi Fellowship' funded by a renowned organization Kaivalya Foundation, New Delhi.
1. Coordinated a National Workshop on 'Emergence of New Media in the Rural Belt of India with special reference to West Bengal' in collaboration with Friedrich Ebert Stiftung (FES), Germany on 20-22 April, 2012
SIKSHA-BHAVANA
(Institute of Science)

Siksha-Bhavana (Institute of Science) was originally an under-graduate college for teaching Humanities subjects, which during 1961-63 was expanded to include in its curriculum B.Sc.(Hons.) courses in Mathematics, Physics, Chemistry, Zoology and Botany. The M.Sc. programme in Mathematics was introduced in 1963 and the same for other subjects was started in 1968. Finally in 1972, due to reorganisation of the course of studies in the Humanities and Science subjects, all the Science Departments teaching undergraduate and postgraduate courses were brought under Siksha-Bhavana, which is now known as Institute of Science.

Siksha-Bhavana (Institute of Science), now comprises eleven constituents: nine Departments and two Centres, viz. Departments of Chemistry, Mathematics, Physics, Botany, Zoology, Statistics, Computer & System Sciences, Biotechnology, Environmental Studies and Centres for Mathematics Education and Integrated Science Education & Research where both teaching and research programmes are running leading to award of B.Sc.(Hons.), M.Sc. and Ph.D. degrees. Over this relatively short 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. Six departments, Physics, Chemistry, Mathematics, Zoology, Botany and Biotechnology 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 Department of Biotechnology is support by the Department Biotechnology, Govt. of India and students admitted to the course are those qualified through the all India Combined Entrance Examination conducted by JNU, New Delhi. These students also get a monthly stipend of Rs. 1200/- per month. The Five Year Integrated M.Sc. Course in Science (Physical Science and Life Science) is intended for attracting highly motivated and talented students to research and education in basic sciences. The course is currently under progress with effect from at the academic session 2009-2010. The students admitted through National Entrances Screening Test (NEST) 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, GATE and NET and other equivalent exams have been very encouraging. In the year under report, a large number of students have qualified in UGC-CSIR NET and GATE and JEST Examinations.
DEPARTMENT OF PHYSICS

1. 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, experimental particle 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 and TIFR were also going on.

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.

2. Name of the students qualified in UGC / CSIR / NET / SLET / JEST / GATE Examinations. JEST 2013:

- Sayan Das
- Malay Pal
- Sanjoy Mandal
- Alok Kr. Ghosh

GATE 2013:

- Rakesh Das
- Alok Kr. Ghosh
- Manjira Bagchi
- Malay Pal
- Sayan Das
- Sanjoy Mandal
- Sourav Kr. Dey
- Chiranjit Nandi

NET 2012:

- Sayan Das
- Malay Pal
- Sanjoy Mandal
- Rakesh Das
- Suman Sarkar
- Uttiya Dasgupta
Departmental Seminar / Symposia
Talks were delivered by the following Teachers / Visitors in the Department.
1. Prof. Kaushik Roy  IACS,Jadavpur,Kolkata  March 22, 2013

4. National and International standard Conference / Seminar / Workshop / Exhibition etc. attended by teachers/ Research Scholar in detail

T Chattopadhyay:

S. N. Chakraborty:
2. DST-INSPIRE LECTURE, January 5-9, 2013, Birbhum Institute of Engineering and Technology (two lectures).
3. Lecture in Refreshers Course in Physics, University of Burdwan, January 29, 2012.

A. Bhattacharjee
4. Barik, P., Bhattacharjee, A., and Roy, M., Int. Conf. on Recent Advances in Composite Materials (ICRACM 2013), Goa (Org. by BHU), Feb 18-21, 2013,

Manas Maity:
2. SERC School on Theoretical High Energy Physics (Preparatory Level), October 03-08, 2012, University of North Bengal. (Guest Faculty for a course on Statistical Methods in Physics)
4. Large Hadron Collider - a tale of questions and quest, Paschimbanga Vigyan Mancha, Berhampore, September 30, 2012

Conference/Workshops organised:

B C Gupta
1. National and International standard conferences :
   Attended the National Wrokshop : EXFOR 2013 (February 17-23, 2013) at B.H.U., Varanasi, India.

S. K. Mandal:
1. Pronounced Multiferroicity in Oleic Acid Stabilized BiFeO3 Nanocrystals at Room Temperature, Dabbugalla Mahesh, Swapan K. Mandal, Bipul K. Mahato, Bivas Rana, and Anjan Barman, 5th Bangalore Nano, Dec. 5-8, 2012, Bangalore, India.

B. Mukherjee:
1. Participated and delivered a lecture titled "Spectroscopic studies of super deformed bands in cu nuclei" at IUAC, New Delhi(September 18-19,2012).

On going Research Projects in the Department.

S.N. Roy
Name of the Project : EXFOR compilation of nuclear “EXFOR COMPILATION OF NUCLEAR”

Reaction Data
Sponsoring Agency : DAE-BRNS, Govt. of India
Sanctioned Amount : Rs.10,71,200/- (April 2012 - March 2013)

T. Chattopadhyay :
Name of the Project : Nonlinearities and synchronization of quantum cascade laser.
Sponsoring Agency : UGC, India
Sanctioned Amount : Budget: Rs. 5,44,021/- ( May 01, 2009-April 30, 2012. )

A. Sengupta:
Name of the Project: Effects of annealing on free volume and chain mobility in pilot fluororeslastomers investigated by non-destructive measurement protocol
Sponsoring Agency: SERC, DST, Govt. of India.
Sanctioned Amount: INR 34,20,200.

Sponsoring Agency: UGC, MHRD, Govt of India.
Sanctioned Amount: INR 9,33,000

M. Maity:
Sponsoring Agency : Department of Science & Technology, Government of India.
Sanctioned Amount : Rs. 29.7 lakhs, April 2009 - March 2013.

Study of New Particles with the CMS at the Large Hadron Collider and Heavy Ion Physics with the LHC at CERN, Department of Science & Technology, Government of India, 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: Rs. 15.74 Lacs excluding OVERHEAD GRANT (Tenure: JULY, 2011 - JUNE, 2014)

S. K. Mandal:
Name of the Project : Chemical synthesis and physical properties of multiferroico nanostructures.
Ch-II

Sponsoring Agency : CSIR.
Amount Sanctioned : Rs. 15 Lacs

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 UFR 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: Rs. 1,70,000/-

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

T. Chattopadhyay:
1. Referee - "Electronic Letters (UK)"
2. Referee - "Microwave Antennas and Propagation (UK"
3. Senior member of IEEE (USA)
4. Fellow of IETE (India)

Book Publication within the year April 2012 - March 2013

T. Chattopadhyay:

T. Chattopadhyay:

Arpita Ghosh and Somenath Chakrabarty:

A. Bhattacharjee:


**Manas Maity:**

i) A new boson with a mass of 125-GeV observed with the CMS experiment at the Large Hadron Collider, CMS Collaboration, Science 338 (2012) 1569-1575


iv) Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at vs = 7 TeV, Phys.Rev.Lett. 109 (2012) 171803

**T.K.Kundu:**


**B. C. Gupta:**

i) Delivered lecture titled “Nanowire, nanotube and their interaction with semiconducting substrates” on 16th November ‘2012 in the Dept. of Physics, Jadavpur University.


**S. K. Mandal:**


**B.Mukherjee:**


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Conference Proceedings:
T. Chattopadhyay

T.K.Kundu:
1. Visible luminescence from triethanolamine-modified zinc oxide nanoparticles

Designing New Courses / 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.
Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included.

Particulars in details of the Departmental Library.
i. Area in (Sq. meter) quoted for the library: 600 sq. ft.
ii. Is there separate provision for Reading Room: No.
iii. Total No. of books: 2000 approx
iv. Total Number of books purchased during the year: 100 approx
v. Total Number of Periodicals: 10
vi. Total Number of Periodicals purchased during the year: 10
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 (91) papers in this academic session.

Name of the Students qualified in UGC/CSIR/NET/GATE Examinations:

1. Kaushik Pal (NET & GATE)
2. Said Md. Pratik (NET & GATE)
3. Koushik Ghosh(NET)
4. Nibedita Nandi(NET & GATE)
5. Radhamadhab Laha (NET)
6. Sumendranath Mukhopadhyay (NET)
7. Ramakanta Mandal (NET & GATE)
8. Nirnita Chakraborty(NET)
9. Rishi Sen (NET)
10. Surojit Saha (NET)
11. Saikat Chowdhury (NET & GATE)
12. Biswajit Bhattacharyya (NET & GATE)
13. Pijus Malpharia (NET)
14. Kesob Mondal(NET & GATE)
15. Amit Kumar Simlandi (NET & GATE)
16. Mrinal Kanti Das (NET)
17. Kalishankar Bhattacharyya (NET)
18. Nani Gopal Ghosh(NET & GATE)
19. Sayan Dutta (NET)
20. Debal Kanti Singha (NET & GATE)
21. Kausik Prmanik (GATE)
22. Chandra Chowdhury (GATE)
23. Narayan Chandra Saha (GATE)
24. Abir Majee (GATE)
25. Trisha Das (GATE)
26. Santu Kumar Pal (GATE)
27. Sayantan Acharya (GATE)
28. Prosenjit Saha(GATE)
29. Surajit Haldar(GATE)
30. Subhrakanti Roy (GATE)
31. Tapan Sahoo(GATE)
### Departmental Seminars/Conferences/Workshops:

<table>
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<th>Sl. No.</th>
<th>Name of the Speaker</th>
<th>Title of the Seminar/Conference/Workshop</th>
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<tbody>
<tr>
<td>1.</td>
<td>Prof. S. Duttagupta, Vice-chancellor, Visva- Bharati; Prof. B. M. Deb, IISER Kolkata; Prof. B. C. Ranu, IACS Jadavpur; Prof. P. K. Chattaraj, IIT Kharagpur; Prof. Samaresh Bhattacharyra; Dr. Suhrit Ghosh, IACS Jadavpur;</td>
<td>Recent Developments in Chemistry 29th November - 1st December, 2012</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Gautam Gangopadhyay</td>
<td>Master equation approach to heterogeneous enzyme catalysis 22.07.2012</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Apurba L. Koner, Department of Chemistry, IISER Bhopal, India</td>
<td>Non-covalent chemistry in a confined nanospace and its applications. 23.02.2013</td>
</tr>
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</table>

### Ongoing Research Projects in the Department:

<table>
<thead>
<tr>
<th>Name of the Investigator</th>
<th>Title of the Project</th>
<th>Sponsoring Agency</th>
<th>Sanctioned Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Pranesh Chowdhury</td>
<td>Development of high performance ion exchange resin based on quaternized polymers for selective extraction of chromium from industrial wastewater. No.01(2392)/10/EMR-II</td>
<td>CSIR, New Delhi.</td>
<td>Rs.17.2 L</td>
</tr>
<tr>
<td></td>
<td>Development of new biocompatible hybrid materials based on grafting organic polymers onto inorganic nanomaterials. No.01(2444)/10/EMR-II</td>
<td>CSIR, New Delhi</td>
<td>Rs.18.3 L</td>
</tr>
<tr>
<td></td>
<td>Development of organic-inorganic hybrid (nano) materials and their biological relevance No.SR/S3/ME/0018/2010</td>
<td>DST, New Delhi.</td>
<td>Rs.35.5 L</td>
</tr>
<tr>
<td>Prof. Goutam Brahmachari</td>
<td>A sincere drive to develop eco-friendly methodologies for some useful organic transformations in the absence of organic solvents.No.02(0110)/12/EMR-II</td>
<td>CSIR, New Delhi.</td>
<td>Rs.12.65 L</td>
</tr>
<tr>
<td>Dr. S. K. Chandra</td>
<td>Transition Metal Compounds with Potential Bridging Function Containing Polydentate Ligands Synthesis, structure, characterization and magnetic properties of transition metal complexes with multidentate ligands</td>
<td>CSIR, New Delhi.</td>
<td>Rs.13 L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DST, New Delhi.</td>
<td>Rs.25 L</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Funding Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Gourab Kanti Das</td>
<td>Theoretical investigation on the mechanisms of various transformations of biomolecules by cofactor dependent enzymes.</td>
<td>UGC, New Delhi.</td>
<td>Rs. 7.10 L</td>
</tr>
<tr>
<td>Dr. Alakananda Hajra</td>
<td>Dye sensitized solar cell: photoinduced electron transfer in porphyrin based donor-acceptor dyads attached to nanostructured films.</td>
<td>BRNS, India.</td>
<td>Rs. 31.045 L</td>
</tr>
<tr>
<td>Dr. Adinath Majee</td>
<td>Development of some ‘one pot multi-component reaction’ involving carbon-heteroatom bond formation by using Cu salt, Indium salt and L-Proline as catalyst. No. PSW-171/11-12.</td>
<td>UGC, New Delhi.</td>
<td>Rs. 1.92 L</td>
</tr>
<tr>
<td>Dr. Naznin A. Begum</td>
<td>Studies on biogenic synthesis of metal nanoparticles with tailor-made structural properties. No. 01(2504)/11/EMR-II To study the mechanism of antioxidant as well as DNA damage prevention activities of different natural occurring flavonoids and their synthetic derivatives. No. SR/SO/BB-0007/2011</td>
<td>CSIR, New Delhi.</td>
<td>Rs. 19.01 L</td>
</tr>
<tr>
<td>Dr. Kartick C. Bhowmick</td>
<td>Asymmetric catalysis in water/aqueous media: Design and Applications of Chiral Catalysts for C-C Bond-forming Reactions</td>
<td>DST, New Delhi.</td>
<td>Rs. 16.56 L</td>
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<tr>
<td>Dr. Biswajit Dey</td>
<td>Expolartion of intriguing supramolecular features of various metallosupramolecular networks of transition metal ions with N,S,O-donor organic ligands in water media. No. SR/FT/CS-77/2011</td>
<td>DST, New Delhi. (Fast Track Project)</td>
<td>Rs. 24.8 L</td>
</tr>
<tr>
<td>Dr. Sudip Kumar Mondal</td>
<td>Better Understanding of Electrostatics and Dynamics in Protein and their Role in Protein Function Using New Synthetic Fluorescent Amino Acids as Probe. No. F. 20-5(17)/2012(BSR). (Start-Up-Grant for newly recruited faculty at Assistant Professor level in Science Department)</td>
<td>UGC, New Delhi.</td>
<td>Rs. 6 L</td>
</tr>
<tr>
<td>Dr. Shovan Mondal</td>
<td>Synthesis of bioactive heterocycles. No. IFA12-CH-56</td>
<td>DST, New Delhi.</td>
<td>Rs. 35 L</td>
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### Invited lectures/ Oral presentations/ Poster presentations in National and International Conferences/ Seminars/ Workshops/ Exhibitions etc.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Speaker</th>
<th>Name of the National and International Conferences/ Seminars/ Workshops/ Exhibitions etc.</th>
<th>Title of the Lectures/Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>National Seminar on Recent Advances in Polymer Science and Technology (POLY-2012) held at North-Bengal University during 2-4 November 2012.</td>
<td>Recent Advances on Polymer Batteries. <em>(Invited lecture)</em></td>
</tr>
<tr>
<td>2</td>
<td>Prof. Pranesh Chowdhury</td>
<td>National Seminar on Recent Advances in Polymer Science and Technology. Department of Chemistry, North Bengal University, November 2-4, 2012.</td>
<td>Recent progress in polymer nanoparticles and nanocomposites. <em>(Invited lecture)</em></td>
</tr>
<tr>
<td>3</td>
<td>Prof. Pranab Sarkar</td>
<td>International Conference on &quot;Electronic Structure and Dynamics of Molecules and Clusters&quot;, IACS, Jadavpur, 17-20th March, 2013.</td>
<td>Conferences Attended</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lecture Workshop on &quot;Recent Developments in Chemistry&quot;, Dept. of Chemistry, Visva-Bharati, Santiniketan, 29th November-1st December, 2012.</td>
<td>Conferences Attended</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Bhabatosh Mandal</td>
<td>National seminar on Recent Advances In Polymer Science and Technology (Poly-2012); Nov 2-4: 2012</td>
<td>Extraction chromatography of Heavy and Toxic Metal ions with functionalized silica gel. <em>(Invited lecture)</em></td>
</tr>
</tbody>
</table>

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Dr. Gourab Kanti Das

5 Refresher Course in Chemistry organised by Academic Staff College, University of Calcutta during August 22 - September 11, 2012 held in University College of Science & Technology, Kolkata-700 009.

Drugs for diseases caused by chemical imbalance of histamine. (Invited lecture)

4th International Conference for Young Chemists 2013, held at Georgetown, Penang, Malaysia during 30th January to 1st February, 2013.

Revisited the mechanism of [1,3]-hydrogen shift in allene derivatives: A theoretical study. (Poster presentation)

Dr. Alakananda Hajra

6 National Workshop on Green chemistry: A way to sustainable development, December 27-28, 2012 organized by Dept of Chemistry, Sripat Singh College, Murshidabad

National Seminar on Green Chemistry and Sustainable Agriculture Practices February 1-2, 2013 organized by Dept of Chemistry, Panchakot Mahavidyalay, Purulia


Green Chemistry & Catalysis for Sustainable Organic Synthesis (Invited lecture)

Green Chemistry & Catalysis for Sustainable Organic Synthesis (Invited lecture)

Task Specific Ionic Liquids: Resourceful Organocatalyst for Sustainable Synthesis (Invited lecture)

Dr. Adinath Majee

7 National Conference on Green chemistry and Sustainable Agriculture: A step to better future. Organised by Department of Chemistry, Panchakot Mahavidyalaya held on 1-2nd February, 2013

Why do we need a green Chemistry? (Invited lecture)

CRSI Symposium (X) on "Modern Trends in Chemistry" August 2012, Department of Chemical Science, IISER Kolkata, (Mohanpur Campus)

Conferences Attended

"International Symposium on Molecular Organization and Complexity: A Chemical Perspective"

Conferences Attended
Ch-II

Organised by Department of Chemistry, University of Calcutta, Kolkata- 700009, held on 6-8th February 2013


Conferences Attended as convenor

8 Dr. Bijoy Krishna Dolui
A short term course on 'Disaster Management' from 9th to 15th March 2013 at UGC Academic staff college, Burdwan University.

Attended

9 Dr. Bidhan Chandra Bag
Theoretical Physics Seminar Circuit, Institute of Physics, Bhubaneswar, India (2013)

Non linear dynamics of a charged particle in presence of a magnetic field. (Invited lecture)

Synchronization kinetics: Life time of the incoherent state of the coupled phase oscillators. (Poster presentation)

10-th symposium of the CRSI (Kolkata Chapter) on Current Trends in Chemistry

Theoretical Chemistry Symposium, 2012 (IIT Guwahati)

The non linear dynamics of a charged particle:

Magnetic field induced chaos. (Poster presentation)


Time dependent magnetic field induced chaos 2A in a linear system.

(Poster presentation)

10 Dr. Manas Ghosh

Excitation in Impurity Doped Quantum Dots Insisted by Discontinuous Field.

(Poster presentation)

11 Dr. Naznin A. Begum

Biogenic materials and their chemical constituents: Promising "Green Chemical Tools" for the synthesis of metal nanoparticles with fascinating Morphologies.

(Oral presentation)
12 Dr. Kartick C. Bhowmick
15th CRSI National Symposium in Chemistry held at Benaras Hindu University, Varanasi, U.P., India between 1-3rd February, 2013
A comprehensive study on the effect of acid additives in 1(R),2(R)-Bis[(S)-prolinamido]cyclohexane catalyzed direct asymmetric aldol reactions in aqueous media (Poster presentation)

Lecture Workshop on "Recent Developments in Chemistry" between 29th November - 1st December, 2012, organized by Department of Chemistry, Siksha-Bhavana, Visva-Bharati.

Dr. Shovan Mondal
International Symposium- 2nd UK-India Med Chem Congress held at CSIR-Indian Institute of Chemical Technology, Hyderabad, India during 22-23 March, 2013
Synthesis of bioactive heterocycles via cascade rearrangement of enediyenes with memory of chirality (Poster presentation; Best poster award from RSC Publishing)


List of publications in (i) Text books (ii) Other books (iii) Monographs (iv) Research papers in peer reviewed journals (National and International).a

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name</th>
<th>Details of the publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prof. Indra Narayan Basumallick</td>
<td>1) A Microbial Fuel Cell for Starch Oxidation; Subhodip Ghosh, Someswar Chatterjee, Moitrayee Chatterjee, Susanta Ghosh, Indra Narayan Basumallick; ECS Trans, 2012, 41(11), 37-41</td>
</tr>
</tbody>
</table>
| 3      | Prof. Pranesh Chowdhury      | 1) Selective solid phase extraction of Cr(VI) using silica gel immobilized 4-vinyl pyridine/Cupric ion complex; P. Mondal, K. Roy, S. P. Bayen, S.K. Saha, S.Chatterjee, P. Chowdhury, Separation Science and Technology, 47, 1651-1656, 2012


5) Synthesis of cross-linked graft copolymer from styrene sulfonate monomer and poly(vinyl alcohol) and study of its lead ion binding capacity, A. Mukherjee, B. Singha, P. Chowdhury, Journal of Indian Chemical Society, 90, 1-6, 2013

6) Synthesis of quaternized poly(4-Vinyl Pyridine) and the study of its ion exchange property, P. Chowdhury, S. Saha, Journal of Macromolecular Science-Part A; Pure and Applied Chemistry (in press)

Prof. Pranab Sarkar


4. Goutam Brahmachari and Bubun Banerjee (2012). A comparison between catalyst-free and ZrOCl2-8H2O-catalyzed Strecker reactions for the rapid and solvent-free one-pot synthesis of racemic -aminonitrile


Dr. Bhabatosh Mandal

1) 'Role of river-derived algae on bioaccumulation in fixed bed reactors; a low-cost safe drinking water plant' Bhabatosh Mandal, Chandan Ghosha, Uday Sankar Roy, Desalination and Water Treatment, 45, p343-350, (2012).


Dr. S. K. Chandra


Dr. Gourab Kanti Das


Dr. Alakananda Hajra & Dr. Adinath Majee


2) Thermodynamic solvation of a series of homologous ω-amino acids in aqueous mixture of aprotic 1, 2-


4) Thermodynamic interactions due to transfer of aminoAcids, glycine and dl-alanine in aqueous mixture of cationophilic dipolar aprotic N, N-dimethyl formamide S. Roy, K. Mahali & B. K. Dolui (accepted in April 2013, in press, Asian journal of chemistry, ISSN 0975-427X)


Dr. Bidhan Chandra Bag


6) “Effect of non Markovian dynamics on Barrier crossing dynamics of a charged particle in presence of a magnetic field”. Alendu Baura, Monoj Kumar Sen
1) "The randomly fluctuating impurity strength initiated excitation in doped quantum dots"-Nirmal Kr Datta and Manas Ghosh; Superlattices and Microstructures. 51 (2012) 690.

2) "Influence of relative confinement oscillation and concomitant oscillatory impurity domain on excitation profile of doped quantum dots"-Nirmal Kr Datta, Suvajit Pal and Manas Ghosh; Chem. Phys. 400 (2012) 44.


9) "Influence of pulse shape in modulating excitation kinetics of impurity doped quantum dots"-Suvajit Pal and Manas Ghosh; Superlattices and Microstructures. 55 (2013) 118.


Dr. Md. Motin Seikh


3) V. K Jha, Md. Motin Seikh, R. Chatterjee and Asish K. Kundu, "Effect of nickel on the magnetic and magnetotransport properties of La0.7Bi0.3MnO3", ScienceJet2, 31 (2013)


7) Asish K. Kundu, V. K. Jha, Md. Motin Seikh, R Chatterjee and R Mahendiran, "A comparative study of magnetic and dielectric behaviors for La1-xBixMn1-yFe03 series (with x = 0.5, 0.7 and y = 0.3, 0.7)" J. Phys.: Condens. Matter 24, 255902 (2012).
Dr. Naznin A. Begum


Dr. Kartick C. Bhowmick

1) Aldol-Tishchenko-Tishchenko reaction: sodium-tert-butoxide mediated one step formation of 1,3-glycol diester from benzaldehyde and isobutyrophenone" by S. Bhowmick and K. C. Bhowmick Mendeleev Communications 2013, 23, 96-97.

Dr. Shovan Mondal


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Conference Proceedings

Sl. No. Details of the proceedings

P. Chowdhury, S.P. Bayen

1 "Quantitative immobilization of thioacetamide onto inorganic polymers for simultaneous detection and separation of mercuric ions", National Seminar on Recent Advances in Polymer Science and Technology, Department of Chemistry, North Bengal University & Siliguri Institute of Technology, November 2-4, 2012, p.33.

P. Chowdhury, S.K. Saha

2 "Design and synthesis of bioactive poly(vinyl alcohol) capped silver nanoparticles", National Seminar on Recent Advances in Polymer Science and Technology, Department of Chemistry, North Bengal University & Siliguri Institute of Technology, November 2-4, 2012, p.50.

P. Chowdhury, B. Roy

3 "Sonochemical synthesis of biocompatible poly(N-isopropyl acrylamide)/silica nanocomposite", National Seminar on Recent Advances in Polymer Science and Technology, Department of Chemistry, North Bengal University & Siliguri Institute of Technology, November 2-4, 2012, p.52.


5 Computational studies on the decarboxylation of amino acids by Pyridoxal-5'-phosphate dependent enzymes, Kuheli Chakrabarty, Sampad Narayan Gupta, Atanu Basak and Sourab Kanti Das, in International Congress of Young Chemists held in Warsaw University of Technology, Gdansk, Poland during 10th - 14th October, 2012. Abstract appeared in page 67.

6 Molecular dynamics studies on the thermostability of two xylanases sharing highest sequence similarity, Kuheli Chakrabarty, Sampad Narayan Gupta, Swadesh Ranjan Biswas and Gourab Kanti Das, in International Congress of Young Chemists held in Warsaw University of Technology, Gdansk, Poland during 10th - 14th October, 2012. Abstract appeared in page 87.

7 Molecular dynamics simulation studies of xylanase enzyme, Kuheli Chakrabarty, Atanu Basak, Sampad Narayan Gupta, Animesh Ghosh and Gourab Kanti Das, in International Conference on Interface between Chemistry and Environment (ICICE), in Ramjas College, University of Delhi during 13th-14th December 2012.


Other relevant information

1. DST-FIST-I (Phase-II) assisted
2. UGC-SAP assisted

New Courses developed for Teaching (by Dr. S. K. Chandra).

The following courses have been designed for teaching for Integrated Science Education and Research Centre, Visva-Bharati University in the year 2012-13 for Semester VII & VIII.

Part of Course paper Sem-VII-CH-4-7-1

Molecules to Materials: Part 1

Introduction to Coordination Molecules, Ligands and it's classification, Stereochemistry of Coordination Compounds, Crystal Field Theory and it's application towards influencing magnetic behaviour of Complexes, Existence of High-Spin, Low-Spin and Intermediate Spin in Coordination Molecules, Quenching of Orbital Angular Momentum.

Basic concepts of magnetism, Magnetization and Magnetic Susceptibility, Types magnetic behaviour: Isolated and Cooperative Nature (dia-, para-, ferro-, ferri- and antiferro- etc.), Curie and Curie-Weiss laws, Temperature dependence of different types of compounds, Temperature independent paramagnetism.

Origin and Usefulness of Diamagnetic Correction and Utilities of Pascal's Constants. Determination of Magnetic Susceptibility, Spin-Orbit Coupling, Spin-Orbit Coupling Constant, Usefulness of s and j equation respectively for transition and inner transition series.

Part of Course paper Sem-VIII-CH-4-8-1

Molecules to Materials: Part 2

Mechanism of Magnetic Exchange Interactions, Prediction of Magnetic Properties (theoretical and experimental {bridging mode} approach), Quantitative Approach to Magnetic Exchange Interactions, Deliberate Synthetic Approaches to Ferromagnetically Coupled Systems, Accidental Orthogonality, Magnetization versus field studies, Calculation of ground state and spin manifold, Canting/hidden canting and Weak Ferromagnetism, Spin frustration.

**Department of Mathematics**

**Name of the students qualified in UGC / CSIR- NET, SET, GATE**

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Name</th>
<th>UGC / CSIR -NET/ SET/GATE</th>
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<tbody>
<tr>
<td>1</td>
<td>Aryaman Sensarma</td>
<td>CSIR-NET JRF, GATE</td>
</tr>
<tr>
<td>2</td>
<td>Riddhick Birbonshi</td>
<td>CSIR-NET JRF, GATE</td>
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<tr>
<td>3</td>
<td>Sudeep Kundu</td>
<td>CSIR-NET JRF, GATE</td>
</tr>
<tr>
<td>4</td>
<td>Manik Das</td>
<td>UGC-NET JRF, GATE</td>
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<td>5</td>
<td>Sudipto Ghosh</td>
<td>CSIR-NET JRF</td>
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<tr>
<td>6</td>
<td>Benukar Mondal</td>
<td>CSIR-NET JRF</td>
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<td>7</td>
<td>Ranjit Mehatari</td>
<td>CSIR-NET JRF</td>
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<tr>
<td>8</td>
<td>Tushar Kanti Das</td>
<td>CSIR-NET Lectureship, GATE</td>
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<tr>
<td>9</td>
<td>Abhishek Banerjee</td>
<td>CSIR-NET Lectureship, GATE</td>
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<td>10</td>
<td>Arnab Barman</td>
<td>CSIR-NET Lectureship, GATE</td>
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<td>11</td>
<td>Tathagata Mandal</td>
<td>CSIR-NET Lectureship, GATE</td>
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<td>12</td>
<td>Swaraj Paul</td>
<td>CSIR-NET Lectureship, GATE</td>
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<tr>
<td>13</td>
<td>Arnab Barman</td>
<td>CSIR-NET Lectureship</td>
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<tr>
<td>14</td>
<td>Debsmita Mukherjee</td>
<td>GATE</td>
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<td>15</td>
<td>Manami Chatterjee</td>
<td>GATE</td>
</tr>
<tr>
<td>16</td>
<td>Prasenjit Saha</td>
<td>GATE</td>
</tr>
<tr>
<td>17</td>
<td>Sushovan Maity</td>
<td>GATE</td>
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<tr>
<td>18</td>
<td>Priyajit Mandal</td>
<td>GATE</td>
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</tbody>
</table>

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

**A. National Seminar**

- **Title of the National Seminar:** "Mathematics for nonlinear systems"
- **Date:** March 17-18, 2013
- **Objective of the National Seminar under UGC, SAP-DRS (Phase - II)**

Nonlinear mechanisms are experienced in daily life as both controlled (motor vehicles) and uncontrolled systems (motion of fluids and celestial bodies). The Department of Mathematics at Siksha-Bhavana, the Institute of Science, has been actively engaged in mathematical research on non-linear systems for the last few decades and recently supported by UGC's Special Assistance Programme (since April, 2004). Its objective is to promote teaching and research concerning formulation and analysis of controlled and uncontrolled, quantitative and qualitative, discrete and continuous time nonlinear systems. Recent literature survey reveals a substantial development in both theory and applications (in areas of identification, simulation and design) of non-linear systems. There has been a great deal of excitement on the emergence of new mathematical techniques for the analysis, synthesis and control of nonlinear systems, the emergence of a set of simplified tools for the analysis of bifurcations, chaos and other complicated dynamical behaviors and the development of a comprehensive nonlinear control theory. Furthermore, technological advances have bolstered the impact of analytic advances and produced a tremendous variety of new problems and applications which are nonlinear in an essential way.

Pure mathematical approaches concern studies of systems and their structures that are inherently abstract and therefore, require specific mechanisms for validation whereas, applied mathematical approaches concern specific yet concrete problems and require general characterization. This study of abstract systems provides us an inner sight to a concrete rather real problem. Because of its instant thrill applications of nonlinear systems enjoy more attention than its theory. In this regard
it appear to the organizers that it might be useful to provide a platform to the researchers working on the theory in different areas of nonlinear mathematics to exchange their knowledge, problems and findings.

- List of Invited Speakers:
  1. Prof. Sankar Kumar Pal, ISI, Kolkata
  2. Prof. R. Sahadevan, Ramanujan Institute of Advanced Study in Mathematics, University of Madras, Chennai
  3. Prof. G. Rangarajan, IISc, Bangalore
  4. Prof. K. C. Chattopadhyay, Burdwan University, Burdwan
  5. Prof. D. K. Ganguly, University of Calcutta, Kolkata
  6. Prof. Sanjay Sen, University of Calcutta, Kolkata
  7. Prof. Birendra Nath Mandal, ISI, Kolkata
  8. Dr. Samarjit Kar, NIT, Durgapur

- Visiting Professors to the Department
  1. Prof. Sankar Kumar Pal, ISI, Kolkata, visited the Department of Mathematics and delivered a talk on Data Mining on 16 March, 2013
  2. Prof. Riddhi Saha of JNU, Delhi, visited the Department of Mathematics 29, March, 2003 and delivered a talk on Dynamical Systems
  3. Prof. P. G. Siddeshwar of Department of Mathematics, Bangalore University, Bengaluru, visited the Department of Mathematics on 26 March, 2013 and delivered a talk on some applications of Differential Transforms.

National and International Conference/Seminar/Workshop/Exhibition/Refresher Course/Orientation Programme etc. attended/participated by Teachers/Research scholars in details:

Syamal Kumar Samanta
1. Participated, acted as a committee member and chaired a session in the National Seminar on "Mathematics for nonlinear systems” held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
2. Acted as a joint convener, participated and chaired a session in the two-day national seminar on "Mathematics and its Applications" held on the occasion of Golden Jubilee Celebration during 30-31 March, 2013.

Puspajit Mandal
1. Participated, acted as a committee member and chaired a session in the National Seminar on "Mathematics for nonlinear systems” held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.

Dulal Pal
1. Participated, acted as a committee member and chaired a session in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
2. Participated and acted as a committee member and chaired a session in the two-day National Seminar on "Mathematics and its Applications” held on the occasion of Golden Jubilee Celebration during 30-31 March, 2013.

Santabrata Chakravarty
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
2. Participated and acted as a committee member in the two-day National Seminar on "Mathematics and its Applications” held on the occasion of Golden Jubilee Celebration during 30-31 March, 2013.
Swapan Raha
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Participated in the International Conference on Rough Sets, Fuzzy Sets and Soft Computing (ICRFSC) and delivered an invited talk on Role of similarity in approximate reasoning on January 17, 2013, organized by the Department of Mathematics, Tripura University, Tripura.

P. Chatterjee
1. Participated, acted as a committee member and chaired a session in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
5. Delivered invited talks on "Life and Works of Ramanujan" at Rampurhat College, Rampurhat High School, Baharampur Science Club and Vidyasagar University.

Prashanta Kumar Mandal
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Participated and delivered an invited talk titled "Multiresolution analysis...Sturm-Liouville Problem" in the National Seminar on advances in Mathematics & applications, held during 6-7 March, 2013 at the Department of Mathematics, University of Burdwan, Burdwan.
4. Participated and completed the 3rd Indo-German workshop on Adaptive finite element methods (WAFEM-2013) held during 22 February, 2013 to 02 March, 2013 at the Institute of Mathematics & Application, Bhubaneswar, India.

Tarapada Bag
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
2. Participated, acted as a committee member and chaired a session in the two-day National Seminar on "Mathematics and its Applications" held on the occasion of Golden Jubilee Celebration during 30-31 March, 2013.

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4. Participated and presented a paper titled "Some Results on Generalized Fuzzy Metric Spaces" held during 03-04 October, 2012 at Aliah University.


Dibyendu Banerjee
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
4. Participated and presented a paper entitled "Growth of Generalized iterated entire functions" in the National Seminar on Advanced in Mathematics & Applications (AMA-2013) held during March 6-7, 2013 at The University of Burdwan, Burdwan.

Tapas Ray Mahapatra
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Attended the National Seminar on "Mathematical and Computational Sciences" held in the Adikavi Nannaya University, Rajahmundry, Andhra Pradesh - 533 105, during July 6-7, 2012 and presented a paper entitled "Natural convection in a lid-driven square cavity filled with porous medium".
4. Attended the National Seminar on "Advances in Mathematics & Applications" held in the Department of Mathematics, The University of Burdwan, Burdwan, during March 6-7, 2013.
5. Participated and presented a paper titled "Numerical study of magnetohydrodynamic laminar flow separation in a channel with smooth expansion" in the International Conference, organized by the Department of Mathematics, Vidyasagar University, Paschim Medinipur, during 20-21 March, 2013.

Anjan Kumar Bhuniya
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Attended the National Seminar on "Advances in Mathematics & Applications" held in the Department of Mathematics, The University of Burdwan, Burdwan, during March 6-7, 2013.

Subhash Ray
1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Attended the National Seminar on "Advances in Mathematics & Applications" held in the Department of Mathematics, The University of Burdwan, Burdwan, during March 6-7, 2013.
4. Participated and presented a paper titled "Convexity condition for approximate generalized Riemann derivable functions" in the National Seminar on Mathematical Analysis and Application Present Perspective (NSMAAPP-2012)
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held during September 6 - 8, 2012 at Calcutta Mathematical Society, Kolkata.

5. Participated and presented a paper titled “On the Borel derivatives” in the National Seminar on Advanced in Mathematics & Applications (AMA-2013) held during March 6 - 7, 2013 at The University of Burdwan, Burdwan.

Amar Prasad Misra

1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
4. Participated and Completed the UGC supported Refresher Course in Algebra, Analysis, Discrete Mathematics & Applications held at Academic Staff College, Jadavpur University, Kolkata during 27 August, 2012 to 15 September, 2012.

Kalyan Hansda

1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Participated and Completed the UGC supported 89th orientation programme held at Burdwan University during 06 February, 2013 to 05 March, 2013.

Lakshmi Narayan Guin

1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
3. Participated and Completed the UGC supported 89th orientation programme held at Burdwan University during 06 February, 2013 to 05 March, 2013.
4. Participated in the National Seminar on Advances in Mathematics and Applications (AMA-2013) held during 6-7 March, 2013 at the Department of Mathematics, The University of Burdwan, Burdwan-713104, West Bengal, India, and presented a paper entitled "Spatial pattern in a diffusive predator-prey model with sigmoid ratio-dependent functional response".

Nikhil Pal

1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.

Mizanur Rahaman

1. Participated and acted as a committee member in the National Seminar on Mathematics for nonlinear systems held during March 17-18, 2013, at the Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, India.
Ongoing Research Project:

Nil

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

- Teacher's day was celebrated on 5th September, 2012 in the Department of Mathematics organized by the students of the Department of Mathematics.
- The Department organized its annual study tour for the year 2012-2013 to Shimla, Kullu-Manali and adjacent areas during 29 December, 2012 to 05 January, 2013. Sixty four students escorted by teacher-in-charge Dr. Tapas Ray Mahapatra, Dr. Amar Prasad Misra, Mr. Kalyan Hansda and Mr. Lakshmi Narayan Guin, Lady escort Mrs. Gopa Banerjee, and office assistant Sri Prasanta Roy and Sri Tapas Kumar Ghosh participated in the 8-day programme. They had plenty of opportunities to know a distant part of the country that is rich in culture with natural and scenic beauty.

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 (SAP - DRS Phase II) under University Grants Commission during 2012-2013 entitled "Nonlinear systems with thrust on Fluid Mechanics supported by Quantum Mechanics and Fuzzy Mathematics". Also, the department have been receiving a financial assistance from DST, Govt. of India under its FIST Programme since 2004.

Prof. S. K. Samanta is a member of the editorial board of
1. The Journal of Nonlinear Science and Applications
2. JP Journal of Fixed Point Theory and applications and Reviewer of the following international journals:
   1. Fuzzy Sets and Systems (Elsevier)
   2. Computers & Mathematics with Applications (Elsevier)
   3. Information Sciences (Elsevier)
   4. International Journal of computer Mathematics

Prof. Puspajit Mandal acted as a Reviewer of the following Journals during April 2012 to March 2013.

- Indian J Physics, IACS, Kolkata
- Euro. Phys. J. D, EDP Sciences

Prof. Dulal Pal acted as a Reviewer of the following reputed Journal during April 2012 to March 2013.

- 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)

Prof. S. Chakravarty acted as a reviewer of the following international journals during April 2012 to March 2013.

- 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)
- Prof. Swapan Raha acted as a reviewer of the following international journals during April 2012 to March 2013.
- IEEE Transactions on Fuzzy Systems

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Dr. Prasanta Chatterjee acted as a 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

Dr. Prashanta Kumar Mandal acted as member of the following:
- Member, editorial board, ISRN Journal of Biomedical Engineering (Hindawi publication)
- Member, American Mathematical Society
- Member, ISTAM

and acted as a 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.)
- Mathematical Reviews (Press: American Mathematical Society)

Dr. Dibyendu Banerjee acted as a reviewer of the following journal:
- The Journal of Nonlinear Sciences and Applications (TJNSA) University of Pittsburgh at Bradford, Bradford.

Dr. Tarapada Bag acted as a 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)

Dr. Anjan Kumar Bhuniya acted as a reviewer of the following journals:
- Semigroup Forum
- Soft Computing
- Filomat
- Southeast Asian Bulletin of Mathematics

Dr. Amar Prasad Misra acted as a reviewer of the following journals and becomes a life member of Plasma Science Society of India (PSSI):
- Physics of Plasmas (American Institute of Physics)
- Physics Letters A (Elsevier Science)
- Astrophysics and Space Science (Springer)
- Optics & Laser Technology (Elsevier Science)
- Euro Physics Letters (EPS & IOP)
- European Physical Journal B, D & E, France
- Indian Journal of Physics (Springer)
- Advances in Space Research (Elsevier Science)
- IEEE Transactions on Plasma Science
- Waves in Random and Complex Media (Taylor & Francis)
- Optics Communications (Elsevier Sciences)
- Indian Journal of Pure & Applied Physics (CSIR-NISCAIR)
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- Physical Review & Research International (SCIENCEOMAIN International)
- PRAMANA-Journal of Physics (Springer)

Publications within the year: April, 2012 - March, 2013

i) Text Book: Nil
ii) Monograph: Nil
iii) Research Papers (Author(s), Title of the Paper, Year, Journal, Volume No., Pages): See below

**Syamal Kumar Samanta***


*Publications 2 & 5 are jointly with Dr. Tarapada Bag.*

**Puspaajit Mandal**


**Dulal Pal***

7. Dulal Pal and Babulal Talukdar, Influence of Soret effect on MHD mixed convection oscillatory flow over a vertical surface in a porous medium with chemical reaction and thermal radiation, INTERNATIONAL JOURNAL OF


*Publications 13 to 19 are jointly with Dr. Tapas Ray Mahapatra.

Santabrata Chakravarty*


**Swapan Raha**


**P. Chatterjee**

16. Head on collision of dust ion acoustic solitary waves in magnetized quantum dusty plasmas by Malay Kumar Ghoriui, Prasanta Chatterjee, C. S. Wong, Astrophys and space science. 343, 639 (2013).ISSN 004-640X

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Prashanta Kumar Mandal*

*Publication 2 is jointly with Prof. Santabrata Chakravarty.

Madan Mohan Panja

Tapas Ray Mahapatra*

*Publications 1 to 7 are jointly with Prof. Dulal Pal.

Dibyendu Banerjee

Tarapada Bag*

*Publications 1 & 4 are jointly with Prof. S. K. Samanta.

Anjan Kumar Bhuniya

Subhasis Ray

Amar Prasad Misra

Kalyan Hansda

Prasanta K. Mukherjee*
*DST Project Scientist.*

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 is now seized with the introduction of 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.

The three-year 88-credit BA/B Sc (Honours) course consists of six semesters with the students having been offered choices of elective papers at the Semester V and Semester VI.

The two-year 96-credit MA/M Sc course (@24 x 4 = 96) consists of four semesters with the students having been offered two elective papers in pure mathematics as well as in applied mathematics out of several choices from both of these branches of mathematics. The student shall have to undertake a compulsory project work in his/her field of specialization.

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. The department has started celebrating its Golden Jubilee Year during 2012-2013. On this occasion, the department has organized a two-day National Seminar on "Mathematics and its Applications" at the Department of Mathematics, Visva-Bharati, during 30-31 March, 2013. The programme was successful with active participation of many distinguished professors, dignitaries, researchers, ex-students, present students and the staff-members of the department.

At the moment, the members of faculty are engaged in the following areas of research:

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

A. During the last academic year 2012-2013, the Department of Mathematics admitted 15 students for Ph D. course work, the details of which are given below.

There are FOUR students in Batch - III and SIX students in Batch - IV

Result of Batch - III: A total of four (4) candidates cleared all the papers and successfully completed the course. Prakash Kumar Das secured 73.67% marks in total.

Some other details:

- Sk. Nazmul is working under the supervision of Prof. Syamal Kumar Samanta; Gobordhan Rano is working under the joint supervision of Prof. Syamal Kumar Samanta and Tarapada Bag.
- Gopinath Mondal is working under the supervision of Prof. Dulal Pal; Sabyasachi Mondal is working under the joint supervision of Prof. Dulal Pal and Dr. Tapas Ray Mahapatra.
- Md. Sabiar Rahman, Nizamuddin Ali are working under the supervision of Prof. Santabrata Chakravartty.
- Himadri Sekhar Gupta, Asim Pal, Namrata Bhattacharyya and Sudin Mandal are working under the supervision of Prof. Swapan Raha.
- Akshay Kumar Mandal, Deb Kumar Ghosh, Sanjib Kumar Kundu, and Malay Kumar Ghorui are working under the supervision of Dr. Prasanta Chatterjee.
- Utpal Samanta, Ganesh Kumar Mandal, and Pankaj Mandal (Jointly with Dr. P. K. Mandal) have presented pre-Ph. D seminars.
- Lakshmi Narayan Guin, Pallav Jyoti Pal, Akash Pradip Mandal and Ramprasad Saha are working under the supervision of Dr. Prashanta Kumar Mandal.
- Anwesha Bhuniya (Pandey), Arunima Majumdar, Dipsekhar Halder and Sougat Mukherjee are working under the supervision of Dr. Tarapada Bag.
- Samir Kumar Nandy is working under the supervision of Dr. Tapas Ray Mahapatra.
- Kalyan Hansda, Kanchan Jana, Rajib Debnath and Tapas Kumar Mandal are working under the supervision of Dr. Anjan Kumar Bhuniya.
- Anupam Garai and Subhankar Ghosh are working under the supervision of Dr. Subhasis Ray.

B. Following students have been admitted to the Ph. D. degree of Visva-Bharati, during the period April 2012 to March 2013:

1. Mr. Banibrata Mondal, Title of the thesis: Similarity based inverse approximate reasoning. Supervisor: Prof. Swapan Raha
5. Mr. Taraknath Saha. Title of the Thesis: Some problems on nonlinear structures in magnetized plasmas. Supervisor: Dr. Prasanta Chatterjee.

C. Following students have submitted their Ph. D. theses during the period April 2012 --- March 2013:

1. Mr. Sahabuddin Sawardi, thesis titled ”Mathematical modelling of some ecological and ecoepidemiological systems” under the supervision of Dr. Prashanta Kumar Mandal.
2. Mr. Pinaki Mazumdar, thesis titled "A study of several types of sets expressing uncertainty and some mathematical structures on them" under supervision of Prof. Syamal Kumar Samanta.
3. Mr. Sukanta Samanta, thesis titled "Nonlinear excitations in classical and quantum plasmas" (submitted to Jadavpur University, Kolkata-700 032, India) under joint supervision of Dr. Amar Prasad Misra and Prof. A. Roy Chowdhury of Jadavpur University, Kolkata-32.
4. Mrs. Salini Bagchi, thesis titled "On some nonlinear processes in dusty plasmas" (submitted to Jadavpur University, Kolkata-700 032, India) under joint supervision of Dr. Amar Prasad Misra and Prof. A. Roy Chowdhury of Jadavpur University, Kolkata-32.

5. Mr. Babulal Talukdar, thesis titled "On Some Aspects of Magnetohydrodynamic Heat and Mass Transfer problems" under the supervision of Prof. Dulal Pal.

6. Mr. Samir Kumar Nandy, thesis titled "Studies on several momentum, heat transfer and stability problems in magnetohydrodynamic flows of Newtonian and non-Newtonian fluids" under the supervision of Dr. Tapas Roy Mahapatra.

7. Mr. Sabyasachi Mandal, thesis titled "Studies on some heat and mass transfer problems in cavity flows" under the joint supervision of Prof. Dulal Pal and Dr. Tapas Ray Mahapatra.

8. Mr. Uday Narayan Ghosh, thesis titled "Head-on collision of solitary waves in plasmas" under the supervision of Dr. Prasanta Chatterjee.

Particulars in details of the Departmental Library

a) Area in (Sq. meters) quoted for the Library: 69.68 Sq. meters

b) Is there separate provision for Reading Room? : No.

c) Total No. of Books: 1924 + 160 + 98+(107+25) = 2314 Nos.

d) Total number of books purchased during the year 2012-2013: 132

(i) Total no. of Books purchased from NBHM Library Grant--107

(ii) Total no. of Books purchased from SAP-DRS Library Grant--25

e) Total number of Periodicals: Nil

f) Total number of Periodicals purchased during the year: Nil

g) Total Number of Readers: All teachers and research scholars of the department.

h) Total No. of Books and Periodicals issued: Books are regularly issued to teachers and research scholars.

i) Total Number of Staff-members (category wise): Nil.
DEPARTMENT OF ZOOLOGY

(i) Name of the Department : Zoology
(ii) Number of Teachers : 14 + 1 (Emeritus Professor) + (NASI Fellow)
(iii) Number of Non-Teaching Staff : 10
(iv) Number of P.G. students : 89
(v) Number of U.G. students : 102
(vi) Number of Ph.D. students : 24

Name of the students qualified in UGC-CSIR NET/SLET and GATE Examinations:
(i) UGC-CSIR NET : Nabendu Rakshit (NET-LS)

Departmental Seminars:
1) National-level Seminar: Nil
2) International-level Seminar: The Department organized "International Symposium on Molecular Signaling (ISMS-2013)" during February 18-21, 2013. "Molecular Signaling" was selected as the focal theme because signaling is central to the life of an organism and defects in the various signaling pathways are intricately involved in impairment of life processes. This international meeting was deemed to be highly relevant as to provide a platform for exchange of ideas and knowledge in valuable areas of research, particularly related to the critical diseases. The Symposium was inaugurated by the Hon'ble Vice-Chancellor Professor Sushanta Dattagupta at 2:00 p.m. on February 18, 2013 at Lipika Auditorium, Visva-Bharati. Professor Samir Bhattacharya acted as the Chairman and Professor Santi P. Sinha Babu was the Convener. The Dean, Faculty of Science, Professor Arun Kumar Ray also addressed the gathering. Following the Inaugural Program, Hon'ble Vice-Chancellor delivered a Special Lecture on the topic "Diffusion - Interdisciplinarity at its best." Over the four days, the Symposium had twelve Technical Sessions comprising 43 Symposium Lectures of 20 minutes each and 23 Invited Lectures of 15 minutes each. The Speakers were from different Institutes/Universities located in India as well as abroad. The majority of lectures dealt with different aspects of molecular signaling involved in the pathogenesis of various diseases viz. cancer, diabetes, cardiac hypertrophy, tuberculosis, arsenic toxicity, gastric ulcer, liver diseases and others. During the Poster sessions, about 40 students presented their posters which were thoroughly evaluated by jury and awards were given to the best posters. Cultural programmes were held in the evening. All distinguished scientists and researchers were unanimous in their opinion that the Symposium provided an excellent academic platform for understanding and unraveling the complexities of molecular signaling in human health and disease.

National and International standard Conference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research Scholars in details:
Arun Kumar Ray
1) Delivered lecture as Invited Speaker on the topic entitled "Improvement of nutritive value of sesame (Sesamum indicum) oilseed meal in formulated diets for rohu, Labeo rohita (Hamilton) fingerlings after fermentation with two phytase-producing bacterial strains isolated from fish gut" in the National Workshop on Application of Solid State Fermentation Technology in Aquaculture held in the Central Institute of Freshwater Aquaculture (ICAR), Bhubaneswar on May 29, 2012.
2) Delivered lectures as a Resource Person on the topics entitled (1) "Nutritional enrichment of plant ingredients by solid state fermentation with cellulase- and phytase-producing fish gut bacteria" and (2) "Microbiota associated with fish gut: A probiotic approach" in the ICAR sponsored Winter School on "Sustainable Fish Feeds and Nutraceuticals to grow health promoting fish" held in the Central Institute of Freshwater Aquaculture (ICAR), Bhubaneswar on February 4, 2013.
V.C. Joy

Saumen Kumar Maitra
3) Acted as a member of the National Advisory Committee, delivered an Invited Lecture and Chaired a Scientific Session in the International Conference 'Global Meet of Biologists', held in IICT Hyderabad during December 26-28, 2012.
6) Delivered an Invited Lecture in the Faculty Improvement Program in the Department of Zoology, Ranchi University on March 19, 2013.

Santi P. Sinha Babu
1) Delivered lecture at the 5th Asean Congress of Tropical Medicine and Parasitology on "Improved efficacy of anti-Wolbachia antibiotic by albendazole: a new approach for the control of bancroftian filariasis", held at University of Philippines, Manila during May 15-17, 2012.

Santanu Ray
2) Participated in the 4th International Ecosummit- 'Ecological Sustainability - Restoring the planet's ecosystem service' held in Columbus, Ohio, USA, from September 30 to October 05, 2012.
3) Acted as Resource Person for Refresher Course, Academic Staff College, Burdwan University, Burdwan, held on November 07, 2012.


**Ansuman Chattopadhyay**


2) Presented Paper: Sarmishtha Chatterjee, Ansuman Chattopadhyay and Shelley Bhattacharya. “Autophagy in rat hepatocytes is induced by mercury at a low concentration” at the International Symposium on Molecular Signaling organized by the Department of Zoology, Visva-Bharati, Santiniketan from February 18-21, 2013.


4) Presented Paper: Dipak Kumar Mandal

1) Participated in the Fourth Refresher course in Life Sciences at ASC, Burdwan University during November 3-23, 2012.

2) Participated in International level Seminar on the Problems and Prospects in Aquaculture at Vidyasagar University during March 1-3, 2013.

**Larisha M. Lyndem**

1) Research scholars participated in National Workshop on Capacity Building in Disease Control and Sustenance and presented paper “Comparative in vitro study on the anthelmintic efficacy of *Cassia* plant on helminthes of domestic fowl” in Mini Symposium on Parasitic Diseases at University of Allahabad during November 5-7, 2012.

**Samar Kumar Saha**

1) Attended Science Academies’ Education Programme Lecture Workshop on “Recent Development in Chemistry” organized by Department of Chemistry, Visva-Bharati, Santiniketan from November 29 to December 01, 2012.

2) Attended Workshop on National e-Governance Plan (NeGP) organized by the Computer Centre, Visva-Bharati, Santiniketan on December 03, 2012.

3) Participated in Winter School on “Sustainable Fish Feeds and Nutraceuticals to Grow Health Promoting Fish” organized by ICAR at the Central Institute of Freshwater Aquaculture, Bhubaneswar from January 15 to February 07, 2013.

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**Sudipta Maitra**
1) Acted as Joint Secretary and delivered an Invited Lecture in the International Symposium on Molecular Signaling, held in Visva-Bharati, Santiniketan during February 18-21, 2013.
2) Delivered an Invited Lecture in the International Symposium on Comparative Endocrinology and Stress Physiology (CESP) held in University of Kerala, Thiruvananthapuram during February 16-18, 2012.
3) Participated in International Workshop on Applications of Flow Cytometry and Imaging in Cell Biology and Nanobiotechnology, organized by the Centre for Research in Nanoscience and Nanotechnology, University of Calcutta, Kolkata from August 11?18, 2012.

**Surjya Kumar Saikia**

**Rakesh Kundu**

**Sutapa Mukherjee**
1) Attended a One Day National Symposium on "Genetic Analyses of Complex Traits", held at the Indian Statistical Institute, Kolkata on September 15, 2012.
3) Participated in the 13th Indo-US Workshop on Advanced Flow Cytometric Techniques, organized by the Centre for Research in Nanoscience and Nanotechnology, University of Calcutta, Kolkata during October 14-17, 2012.
4) Presented paper entitled "Enhanced oxidative stress correlates with TLR4 expression in peripheral blood mononuclear cells of Down syndrome children" at the 81st Annual Meeting of The Society of Biological Chemists (India) and National Symposium on 'Chemistry and Biology: Two Weapons against Diseases' held at Science City Auditorium Complex, Kolkata during November 8-11, 2012.
6) Acted as Member of the Organizing Committee of the International Symposium on Molecular Signaling in the Department of Zoology, Visva-Bharati, Santiniketan during February 18-21, 2013.

**Samir Bhattacharya**
1) Invited to deliver Lecture at the National Centre for Cell Science, Pune on July 27, 2012.
2) Invited to deliver Lecture at the Indian Institute of Technology, Roorkee on August 01, 2012.
4) Delivered an Invited Lecture in the Annual Meeting of the Society of Biological Chemists at Science City, Kolkata on November 08, 2012.
7) Delivered Keynote Lecture at "Animal, Veterinary and Fisheries Sciences" section of the 100th Indian Science Congress held in Kolkata on January 06, 2013.

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8) Organized and delivered a lecture at the International Symposium on Molecular Signaling in the Department of Zoology, Visva-Bharati, Santiniketan during February 18-21, 2013.

Shelley Bhattacharya

1) Delivered Invited Lecture on Environmental Toxicology: Emerging Paradigms at Workshop on “Defining the role of women scientists and teachers in promotion and application of science and technology”, organized by NASI, Allahabad from October, 5-6, 2012.


3) Delivered Invited Lecture on Generation and culture of adult rat hepatic stem cells: An alternate methodology for toxicological studies at National Seminar organized by Indian Woman Scientist Association NASI, Allahabad on February 06, 2013.


5) Delivered invited lecture (R. P. Chaudhuri Endowment Lecture) on Expression of Xenobiotics Toxicity: Paradigms in Fish. at the Department of Zoology, Guwahati University, Guwahati 781014, Assam on March 20, 2013.


7) Presented Paper: Sarmishtha Chatterjee, Anuman Chattopadhyay, Shelley Bhattacharya, “Autophagy in rat hepatocytes is induced by mercury at a low concentration” at the International Symposium on Molecular Signaling organized by the Department of Zoology, Visva-Bharati, Santiniketan from February 18-21, 2013.


10) Presented Paper: Sandip Mukherjee, Shuvashree Sarkar, Sarmishtha Chatterjee and Shelley Bhattacharya, “In vivo lead hepatotoxicity in mice is reversed by a molluscan C-reactive protein purified from Achatina fulica (Bowdich)” at the 52nd Annual Meeting of the Society of Toxicology (SOT), held in San Antonio, Texas from March 10?14, 2013.

Ongoing Research Projects in the Department:

1) Name of the CC-PI: Professor Samir Bhattacharya
   Dr. Surjya Kumar Saikia (Co-Investigator); Title of the Project: “Stock characterization, captive breeding, seed production and culture of Hilsa (Tenualosa ilisha)”; Sponsored by: ICAR, Govt. of India (CIFRI/NF/hilsa/2012/P/6912); AmountSanctioned: Rs. 159.7478 Lakhs.

2) Name of the PI: Professor Shelley Bhattacharya
   Professor Samir Bhattacharya (Mission Director); Dr. Sudipta Maitra (Program Coordinator); Title of the Project: “North-East exploration for pharmaceutical” (a Plan Period Project for 5 years in collaboration with CSIR-NEIST, Jorhat); Sponsored by: CSIR, Govt. of India (HCP 0005); Amount Sanctioned: Rs. 214 Lakhs.

3) Name of the PI: Professor Shelley Bhattacharya
   Professor Samir Bhattacharya (Co-PI); Dr. Anumman Chattopadhyay (Co-PI); Dr. Sudipta Maitra (Co-PI); Title of the Project: “Expression of an epigenetically silenced tumor suppressor gene RASSF1A in human cancer cells by Mahanine;
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A lesson from human prostate cancer cell study and a promise for human cancer treatment”; Sponsored by: DST, Govt. of India (VI-D&P/289/08-09/TDT); Amount Sanctioned: Rs. 172.866 Lakhs; Date of completion: March 31, 2013.

4) Name of the PI: Professor Shelley Bhattacharya
   Professor Samir Bhattacharya (Co-PI); Dr. Sudipta Maitra (Co-PI); Title of the Project: "A flavone glycoside compound isolated from Cajanus cajan induces the expression of bilirubin-ugt gene that reduces cellular bilirubin accumulation in liver cells"; Sponsored by: CSIR, Govt. of India (60(0091)/09/EMR-II); Amount Sanctioned: Rs. 29, 38,333/-; Date of completion: December 31, 2012.

5) Name of the PI: Professor Arun Kumar Ray
   Title of the Project: "Mode of association of autochthonous bacteria in the gastrointestinal tracts of some freshwater fish and their identification". Sponsored by: UGC, Govt. of India. Amount sanctioned: Rs. 7, 00,000.

6) Name of the PI: Professor Arun Kumar Ray
   Title of the Project: "Characterization and identification of phytase-producing bacteria from fish gut and their application in formulation of plant-based carp diets". Sponsored by: CSIR, Govt. of India. Amount sanctioned: Rs. 12,00,000.

7) Name of the PI: Professor Saumen Kumar Maitra
   Title of the Project: "Role of melatonin in gonadal maturation in Indian carp Catla catla"; Sponsored by: DBT, Govt. of India (BT/PR11423/AAQ/03/421/2008); Amount Sanctioned: Rs. 23, 08,000.

8) Name of the PI: Professor Saumen Kumar Maitra
   Title of the Project: "Functional characterization of gastrointestinal melatonin in carp Catla catla"; Sponsored by: CSIR, Govt. of India (37(1390)/09/EMR-I dated 07.10.2009); Amount Sanctioned: Rs. 13, 42,485.

9) Name of the PI: Professor Saumen Kumar Maitra
   Title of the Project: "Fish Farming Development in Nepal (FFDN)” (In collaboration with Norwegian University of Science Technology (NTNU); Fisheries Research Division, Nepal Agricultural Research Council (NARC); Kathmandu University, Aquatic Research Unit (Aquatic Ecology Center); Delhi University and Sweco-Groner); Sponsored by: The Norwegian Ministry of Foreign Affaira; Amount Sanctioned: 18,400,000 (Eighteen million and four hundred thousand Norwegian Kroner)/9,000,000 (Nine million Norwegian Kroner, for NTNU including the funds for Visva-Bharati and Delhi University, India).

10) Name of the PI: Professor Santi P. Sinha Babu
    Professor Samir Bhattacharya (Co-PI); Title 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” (In collaboration with Sri Ramachandra University, Chennai and M/s. East India Pharmaceutical Works Ltd., Kolkata); Sponsored by: DST, Govt. of India (VI/D&P/413/2012-2013/ TDT(G)); Amount Sanctioned: Rs. 65.35 Lakhs.

11) Name of the PI: Professor Santi P. Sinha Babu
    Title of the Project: “Curcumin: a potential compound for the control of bancroftian filariasis”; Sponsored by: CSIR, Govt. of India (37(1516)/11/EMR-II dated 19.12.2011); Amount Sanctioned: Rs. 17 Lakhs.

12) Name of the PI: Dr. Ansuman Chattopadhyay
    Dr. Samar Kumar Saha (Co-PI); Title of the Project: “A highly efficient technique for induced breeding of Indian major carp”; Sponsored by: West Bengal Department of Science and Technology (WBDST), Govt. of West Bengal; Amount Sanctioned: Rs. 17.52 Lakhs; Date of completion: March 31, 2013.

13) Name of the PI: Dr. Ansuman Chattopadhyay
    Title of the Project: “Isolation, characterization and anti-cancer property of endophytic fungal metabolites from North-Eastern India”; Sponsored by: DBT, Govt. of India; Amount Sanctioned: Rs. 37.96 Lakhs.

14) Name of the PI: Dr. Ansuman Chattopadhyay
    Title of the Project: ”Arsenic-induced genotoxicity and modulation of trace elements in mammalian cells”; Sponsored by: UGC-Department of Atomic Energy-Consortium for Scientific Research (UGC-DAE-CSR), Kolkata Centre; Amount Sanctioned: Rs. 6.93 Lakhs; Date of completion: December 21, 2012.
15) Name of the PI: Dr. Dipak Kumar Mandal  
Title of the Project: "Carp culture on the basis of insect food"; Sponsored by: UGC, Govt. of India; Amount Sanctioned: Rs. 5, 54,800.

16) Name of the PI: Dr. Dipak Kumar Mandal  
Title of the Project: "Effect of mercury on the olfactory organ of an Indian Major carp, Labeo rohita (Hamilton)";  
Sponsored by: UGC-BSR RFSMS (Fellowship to Debasree Ghosh); Amount Sanctioned: As applicable.

17) Name of the PI: Dr. Dipak Kumar Mandal  
Title of the Project: "Effect of nonylphenol ethoxylate on the gonadal maturation of Labeo bata (Hamilton)". Sponsored by: UGC Rajib Gandhi Research Fellowship (Fellowship to Koushik Roy); Amount sanctioned: As applicable.

18) Name of the PI: Dr. Dipak Kumar Mandal  
Title of the Project: "Morphological and functional characterization of the olfactory system and olfaction mediated behavioural study on freshwater fish". Sponsored by: UGC Rajib Gandhi Research Fellowship (Fellowship to Ishita Samajdar); Amount sanctioned: As applicable.

19) Name of the PI: Dr. Larisha M. Lyndem  
Title of the Project: "An in vitro treatment of medicinal plants of West Bengal on tapeworms"; Sponsored by: UGC, Govt. of India; Amount Sanctioned: Rs. 7, 56,000.

20) Name of the PI: Dr. Sudipta Maitra  
Title of the Project: "Regulation of gonadotropin-dependent oocyte maturational competence in catfish (Clarias batrachus)"; Sponsored by: UGC, Govt. of India; Amount Sanctioned: Rs. 6, 91,800/-

21) Name of the PI: Dr. Sudipta Maitra  
Title of the Project: "Attempt to conserve endangered catfishes of Arunachal hill streams by manipulating germ cell maturation" (In collaboration with Rajiv Gandhi University, Itanagar); Sponsored by: DBT, Govt. of India; Amount Sanctioned: Total: Rs. 67,788/- Visva-Bharati Component: Rs. 35, 46,000/-

22) Name of the PI: Dr. Surjya Kumar Saikia  
Title of the Project: "Evaluation of natural feed selectivity and trophic status of Rohu (Labeo rohita) for periphyton-based aquaculture system"; Sponsored by: UGC, Govt. of India; Amount Sanctioned: Rs. 5, 36,000/

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

1) The Department organized Science Academies' Lecture Workshop entitled "Emerging Paradigms in Life Sciences" during November 19-20, 2012. This was sponsored and supported by the Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi and The National Academy of Sciences, Allahabad, India. Dr. Sudipta Maitra acted as the Coordinator and Professor Shelley Bhattacharya was the Convener of the Workshop. The Lecture Workshop was inaugurated by the Hon'ble Vice Chancellor, Professor Sushanta Duttagupta at 10 a.m. on November 19, 2012 preceded by an introduction to the program by the Convener, and addresses by the Dean, Faculty of Science, Professor Arun Kumar Ray and the then Head of the Department of Zoology, Professor Saumen Kumar Maitra. The Hon'ble Vice-Chancellor encouraged such activities in the campus and stimulated the students to actively participate during the lecture sessions. He also dwelt upon the mandate of all three Science Academies in India to spread Science teaching from the Universities to the undergraduate colleges. The target audience of the workshop was the undergraduates who have just stepped in to the realm of life sciences. The Hon’ble Vice-Chancellor hoped that such workshops would drive the students to become researchers in basic sciences rather than taking up lucrative jobs. The workshop was planned for two days and there were 75 undergraduate students including two faculty members from Bolpur College (Burdwan University), a well known undergraduate college in the vicinity of Santiniketan. The undergraduate students of the Botany and Zoology departments and all research scholars of the Department of Zoology also attended the workshop. The active participation of the students in all the lecture sessions of one and half hour each was evident from the highly energetic and lively interactions they had with the speakers. The topics of the lectures were varied. All students were unified in their opinion that the Lecture Workshop has boosted their interest in life sciences.
2) Annual Study tour was organized by the Department during December 28, 2012 to January 03, 2013. In total, 51 students (M.Sc. Sem-I=11; M.Sc. Sem-III- 20 and B.Sc. Part-III-20) escorted by Dr. Ansuman Chattopadhyay (Teacher-in-charge), Dr. Surjya Kumar Saikia, Mr. Shyamal Kumar Saha and Mrs. Kalyani Mondal visited Gopalpur and Vishakapatnam. All the students enjoyed the excursion.

3) The Teachers, Non-teaching staff, Research scholars and the students actively participated in celebrating the 'Gandhi Puynaha' in true spirit in the Department on March 10, 2013.

4) During this period, the following students delivered their Pre-Ph.D. Seminars:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Date</th>
<th>Name</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i)</td>
<td>17.08.2012</td>
<td>Sandip Mukherjee</td>
<td>Molecular mechanisms involved in the regulation of C-reactive protein expression in <em>Achatina fulica</em>.</td>
</tr>
<tr>
<td>(ii)</td>
<td>09.10.2012</td>
<td>Sanghamitra Das</td>
<td>Amelioration of arsenic-induced thyrotoxicity and testicular toxicity by selenium.</td>
</tr>
<tr>
<td>(iii)</td>
<td>17.12.2012</td>
<td>Mahammed Moniruzzaman</td>
<td>Efficacy of melatonin as a photoperiodic messenger in the regulation of ovarian functions in Indian major carp <em>Catla catla</em>.</td>
</tr>
<tr>
<td>(v)</td>
<td>11.02.2013</td>
<td>Madhumita Roy</td>
<td>Impact of mangrove detritus on detritivorous fish dynamics in the food web of Hooghly-Matla estuarine complex-A modelling approach.</td>
</tr>
</tbody>
</table>

**Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.):**

The Nature Publishing Index ranks institutions according to the number of primary research articles they publish in Nature journals. Nature and its family of Nature-branded sister journals is world-renowned as the pre-eminent platform for publication of the very best international research. These rankings are based on the number of papers that were published within the last 12 months. These rankings only include papers that were published as research articles (Articles, Letters and Brief Communications) or reviews in Nature and/or Nature monthly research journals. The index is updated weekly. According to the Current Index date range : 2012-04-16-2013-04-05 for Research Articles, Visva-Bharati ranked 179 among 725 Institutions/Universities in the Asia-Pacific region. The Department is proud of this achievement of our University in international research arena, which could be possible due to the following publication:


**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.
Academic distinction achieved by the Teachers

Samir Bhattacharya,
Emeritus Professor
- Received the prestigious Professor S. C. Mahalanobis Memorial Oration Award for the year 2012 from the Physiological Society of India.

Shelley Bhattacharya,
NASI Senior Scientist Platinum Jubilee Fellow
- Acted as Convener at Science Academies' Lecture Workshop "Emerging Paradigms in Life Sciences" held at the Department of Zoology, Visva-Bharati, Santiniketan during November 19-20, 2012 (Sponsored and supported by Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi and The National Academy of Sciences, Allahabad, India).
- Acted as Co-Chairperson of the International Symposium in Molecular Signaling organized by the Department of Zoology, Visva-Bharati, Santiniketan during February 18-21, 2013.

Arun Kumar Ray
- 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.
- Member of the Editorial Board of the Journal: Acta Ichthyologica et Piscatoria (Poland)
- 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 (Bamidgeh, Israel)
  - Food and Chemical Toxicology (Elsevier)
  - Proceedings of the Zoological Society (Kolkata, Springer)

Saumen Kumar Maitra
- Received the 'GMB Award of Excellence in Integrative & Comparative Biology' (2012) for outstanding achievement in biology as biologist.
- Nominated by the Govt. of West Bengal as a Member of the Executive Committee and Council of the 'West Bengal State Council of Science & Technology.'
- Invited as a Reviewer of the following Journals:
  - General and Comparative Zoological Science (Elsevier)
  - Comparative Biochemistry and Physiology (Elsevier)
  - Neurochemistry International (Elsevier)
  - Aquaculture Research (Elsevier)
  - Therapeutic Advances in Endocrinology and Metabolism (SAGE Publications)
  - Ecotoxicology and Environmental Safety (Elsevier)
  - Veterinary Clinical Pathology (Wiley-Blackwell)
  - Journal of Fish Biology (Wiley Blackwell)
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- African Journal of Environmental Science and Technology
- Asian Fisheries Science Journal (Selangor, Malaysia)

Santi P. Sinha Babu
- 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
- Secretary, Austral-Asia Chapter, International Society of Ecological Modelling (ISEM), Head Office, Maryland, USA.
- Selected as an International Organizing Committee Member of the International Conference on "Ecological Modelling for Ecosystem Sustainability in the Context of Global Change", scheduled on October 28-31, 2013 at Toulouse, France.
- Member of the Editorial Board of the following Journals:
  - Ecological Informatics (Elsevier); (First and only member from India from November, 2011)
  - Network Biology (International Academy of Ecology and Environmental Sciences, ISSN 2220-8879)
  - Computational Ecology and Software (International Academy of Ecology and Environmental Sciences, ISSN 2220 - 721X)
  - Journal of Ecosystem (Hindawi publications)
  - Chinese Journal of Population Resources and Environment (Taylor and Francis)
  - Biospectra-International Journal of Life Sciences (Madhavi Shyam Educational Trust, Ranchi, Jharkhand, India)
- Reviewer of the following 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)
  - Current Science (Indian Academy of Science, Bangalore, India)
  - Research and Reviews in BioSciences (Trade Science Inc., India)
  - Journal of Theoretical and Experimental Biology (Elias Academic Publishers, India)
  - Science and Culture (Indian Science News Association)
  - Climate Change (Springer)
  - Ecological Engineering (Elsevier)
Ansuman Chattopadhyay
- Acted as Joint Secretary in the International Symposium in Molecular Signaling organized by the Department of Zoology, Visva-Bharati, Santiniketan during February 18-21, 2013.
- Acted as Resource Person for the "National Initiative for Undergraduate Students (NIUS)" programme of Homi Bhabha Centre for Science Education, TIFR, Mumbai.
- Acted as Member of Academic Committee for "National Biology Olympiad Programme" organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai.
- Reviewer of the following Journals:
  - British Journal of Medicine and Medical Research (SCIENCEDOMAIN International)
  - Cell Proliferation (John Wiley and Sons)
  - International Journal of Medicine and Medical Sciences (IJMMS)

Samar Kumar Saha
- Invited as Reviewer of the following Journal:
  - Zootaxa (Magnolia Press)

Sudipta Maitra
- Acted as Visiting Fellow under Centre with Potential for Excellence in Biodiversity in the Faculty of Life Science at Rajiv Gandhi University, Itanagar, Arunachal Pradesh, India.
- Acted as Joint Secretary in the International Symposium on Molecular Signaling organized by the Department of Zoology, Visva-Bharati, Santiniketan during February 18-21, 2013.
- Reviewer of the following Journals:
  - Indian Journal of Experimental Biology (CSIR-NISCAIR)
  - Proceedings of the Zoological Society, Kolkata, India (Springer)

Academic distinction achieved by the Scholars
- Joyita Mukherjee was selected in Southern African Young Scientists Summer Programme (SA-YSSP), in collaboration with International Institute of Applied Systems Analysis (IIASA), Austria and University of Free State, South Africa and completed project from December 2012-February 2013 on 'Robustness Measures of Aquatic Ecosystems using Network Analysis'.

Publications within the year April 2012-March 2013

Books/Book Chapters:
Monographs:
5. **Sudipta Maitra.** "Estrogen Receptors" (ISBN 978-3-659-32756-8); Publisher: LAP LAMBERT Academic Publishing, Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, Germany.

Research Papers:


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

10. 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 45 years in teaching and research. The steady progress and development of the department is evident from our noteworthy achievements like the introduction of new courses of higher education, increase in the student intake capacity and faculty positions, 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, to attract best students and researchers from all parts of the country and to provide quality education in this serene ashram campus of Santiniketan where the world makes a home in a single nest. This department has well developed infrastructure and sophisticated equipments for undertaking in-depth research in any branch of Integrative Biology. The excellent performances and success of the department in teaching, research is reflected by the placements of our students both in India and abroad. 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.

Any other relevant information

In order to expose the students to latest information in the modern fields of Biology and to attract them into active scientific research, our curriculum contains provisions for student initiatives like write-ups, seminars, project works, field works. Thus they get exposed to the vast biological literature other than text books. The subject of Zoology cannot be learned without practical classes and direct experience with the vast array of animals, their external and internal morphology, structural and functional relationships with other animal groups, interaction with the environment and ecological strategies, and evolutionary trends in the anatomical, biochemical, genetic and molecular architecture. Therefore 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. At present, with the increase in the number of Ph.D. students' and to accommodate OBC students the department urgently requires additional rooms.

Particulars in details of the Departmental Library
(a) Area in (Sq. meters) quoted for the library: 1250 sft.
(b) Is there separate provision for Reading Room? No
(c) Total No. of books: 1395+30+10=1435
(d) Total Number of books purchased during the year: 41
(e) Total Number of Periodicals: 03
(f) Total Number of Periodicals purchased during the year: Nil
DEPARTMENT OF BOTANY

(i) Students qualified in NET : Nil
(ii) Student qualified in GATE : 2

Departmental Seminar/Workshop:
(i) Seminar : Nil
(ii) Workshop : Nil

National and International Standard Conferences/Seminars/Workshops etc. attended by the faculty member:

Sudhendu Mandal

- Delivered welcome address and Introductory remarks at the Workshop on "Communication: Emerging Social Development-How & Wherefore" jointly organized by the Centre for Journalism & Mass Communication (CJMC) & Friedrich Ebert Stiftung (FES), Visva-Bharati, Santiniketan on 20th April 2012.
- Attended the Technical Advisory Committee (TAC) meeting of the Indian Statistical Institute on 21st May 2012.
- Delivered Welcome Address and Introductory Lecture at the 78th Foundation Day of the Indian Science News Association at the Bose Institute, Kolkata on 9th July 2012.
- Attended two meetings of the Executive Council of the Indian Science News Association in Kolkata as Member-Secretary.
- Attended two Editorial Board Meetings of the Journal Science and Culture, ISNA at the University of Calcutta, Kolkata.
- Attended an Executive Council meeting of the Plant Physiology Forum and Botanical Society of Bengal, at the Department of Botany, University of Calcutta, Kolkata.
- 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 2012.
- Delivered an Invited Lecture on "Celebrated Writer Tarasankar" at the 115th Birth Anniversary of Tarasankar Bandyopadhyay organized by the Labpur Panchyat Samiti and B.D.O. Office, Govt. of West Bengal on 24th July 2012.
- Delivered a Lecture on "Tagore and Library" as Guest of Honour at the Inaugural Session of the National Seminar on "Rabindranath O Granthagar and Vidyasadhana" organized by the Central Library, Kalyani Univerasity, Kalyani on 14th August 2012.
- Participated in the Golden Jubilee Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance" at the Palli Siksha-Bhavana, Visva-Bharati, Sriniketan from 1-3 September 2012.
- Delivered an Invited Lecture and Chaired the Scientific Session on Section 5 (Embryology and Reproductive Biology of Plants) at the II(X) International Botanical Conference of Young Scientists sponsored by Russian Academy of Sciences and Russian Botanical Society at the Komarov Botanical Institute of Russian Academy of Sciences, St. Petersburg, Russia from 11-16th November 2012.
- Delivered a Lecture at the Department of Geobotany, Moscow State University, Moscow, Russia on 17th November 2012.
- Delivered Welcome address and introductory remarks at the 17th M.N. Saha Memorial Lecture of the Indian Science News Association at the Saha Institute of Nuclear Physics, Kolkata on 10th December 2012.
- Delivered Invited Lecture at the DST INSPIRE INTERNSHIP Winter Camp organised by the Integrated Science Education & Research Centre, Visva-Bharati, Santiniketan on 11th December 2012.
Delivered welcome address and introductory remarks at the Acharya P.C. Ray Memorial Lecture (150th Birth Anniversary) of the Indian Science News Association at the Bose Institute, Kolkata on 21st December 2012.

Participated with a paper in the Plant Sciences Section of the 100th Indian Science Congress held at the University of Calcutta, Kolkata from 3-7th January 2013.

Delivered an Invited Lecture and Chaired the Invited Lecture Session I of the National Conference on "Reprographic Rights and Copyright Act: Challenges and Management" organized by Library, Documentation & Information Science Division of the Indian Statistical Institute, Kolkata on 7th March, 2013.

Delivered the Valedictory address at the National Seminar organized by the Department of Environmental Studies, Visva-Bharati, Santiniketan on 9th March, 2013.

Chaired the Technical Session I and addressed at the National Seminar on "Recent Advances in Rice Genomics and Biotechnology" organized jointly by the Department of Biotechnology and Palli Siksha-Bhavana, Visva-Bharati, Santiniketan on 23rd March, 2013.

Delivered an Invited Lecture and chaired the 1st Scientific Session of the National Symposium on "Aerobiology for Sustainable Management of Plant, Animal and Human Health" organized by the Centre of Advanced Study in Life Sciences, Manipur University, Manipur sponsored by UGC, DBT, CSIR and DST, Govt. of India, New Delhi on 25th March, 2013.

As Expert Member attended and participated in the Introductory Meeting at the ICAR, Ministry of Agriculture, Govt. of India, Krishi-Bhavana, New Delhi on 11th October 2012 to discuss about the QRT of Sorghum and AICSIP.

As Expert Member of the QRT of Sorghum (ICAR, Govt. of India, New Delhi), visited and inspected the following universities/institutes for All India Coordinated Sorghum Improvement Project of Govt. of India during 2012-2013: (i) Directorate of Sorghum Research, Hyderabad (A.P.); (ii) Acharya N.G. Ranga Agricultural University, Palem (A.P.); (iii) Maharana Pratap University of Agriculture & Technology, Udaipur (Rajasthan); (iv) Dr. Panjabrao Deshmukh Krishi Vidyapith, Akola (MS); (v) Marathwada Agricultural University, Parbhani (MS); (vi) Nimbkar Agricultural Research Institute, Phaltan (MS); (vii) University of Agricultural Sciences, Dharwad (Karnataka); (viii) Tamil Nadu Agricultural University, Coimbatore (TN); (ix) CCS Haryana Agricultural University, Hisar (Haryana); (x) Navsari Agricultural University, Surat (Gujarat).

Sukanta Kumar Sen

Chair person in the National Seminar on Recent Advances in Rice Genomics and Biotechnology, March 23-24th, 2013, Jointly Organised by Department of Biotechnology & Palli Siksha Bhavana, Visva-bharati, Santiniketan.

Plenary lecture in the National Conference on Biodiversity and its Conservation, February 16-17, 2013 at Life Science Department, Sambalpur. University, Sambalpur.

Plenary lecture in the International Conference on Environment and Human Health, November 28-29, 2012 at INSA, New Delhi organized jointly by the National Environment & Science Association, New Delhi and Jamia Hamdard University, New Delhi.

Chair person in the IVth International Conference on Anthropogenic Impact on Environment and Conservation Strategy, November 2-4, 2012 at Department of Zoology and Botany, Ranchi University Ranchi.

Samit Ray

Plenary lecture delivered in the National Seminar on "Utilization of microbes for sustainable development" at Orissa University of Agriculture and Technology.

Invited lecture in the National Seminar on "Cryptogams - the key contributors to ecosystem" at the Department of Botany, Calcutta University.

Kashinath Bhattacharya

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Nirmalya Banerjee
- Chair person in the National Seminar on Recent Advances in Rice Genomics and Biotechnology, March 23-24th, 2013, Jointly Organised by Department of Biotechnology & Palli Siksha Bhavana, Visva-bharati, Santiniketan.

Rup Kumar Kar
- Participated in the National Seminar of Plant Physiology (2012) on 'Physiological and Molecular Approaches for Development of Climate Resilient Crops' at Department of Crop Physiology, College of Agriculture, Acharya N. G. Ranga Agricultural University, Rajendranagar, Hyderabad.

Narayan Chandra Mandal
- Invited lecture and chair person in the National Symposium on 'Plant Microbe Interaction and Crop Health Management' & Twenty fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone, 2012) organised by Department of Plant Protection, Palli-Siksha Bhavana, Institute of Agriculture, Visva-Bharati, held on October 6-7th, 2012.
- Participated in the 53rd Annual Conference of Association of Microbiologists of India (AMI), and International Conference on 'Microbial World: Recent Innovations and Future Trends' held on November 22-25th, 2012, organised by KIIT University, Bhubaneswar, Odisha 751 024. Presented three papers from my laboratory.
- Participated in the 100th Indian Science Congress Association organised by Calcutta University, January 3 to 7, 2013. Two papers presented from my laboratory.
- Participated in 'International Symposium on Molecular Signalling' held in Santiniketan between 18th to 21st February, 2013, organised by Department of Zoology, Visva-Bharati. Presented one paper from my group.

Subrata Mondal
- Presented a paper in the 100th Indian Science Congress, Kolkata. 3-7 January, 2013.

Swadesh Ranjan Biswas
Nil

Chowdhury Habibur Rahaman
- Participated in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
- Participated in the National Seminar on "Botanical Products in Human Welfare" organized by the Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal on 11th January, 2013.
- Judge in the T.R.Sahu Award Session of International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
- Delivered Invited Lecture in the National Seminar on "Botanical Products in Human Welfare" organized by the Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal on 11th January, 2013.

Soma Sukul nee Chunari
Nil

Adani Lokho
Nil

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Jnanendra Rath
- Participated in the Workshop on Seaweed Liquid Fertilizer for Farmers and Entrepreneurs held in KVK, Sriniketan, Visva-Bharati on 20th Nov. 2012

Hema Gupta (Joshi)
Nil

Bomba Dam
- Invited promise speaker in the National Symposium on "Micro and Macro resources in Biomolecular Technology (MIBISEM)". 25-26th February 2013, University of North Bengal, India.
- Invited speaker in International Symposium on "New Horizons in Bioenergy Research (NHBR)". 14-16th January 2013, IIT Kharagpur, India.

Surendra Kumar Gond
Nil

Satish Kumar Verma
Nil

(b) National and International Standard Conferences/Symposia/Workshops attended by Research Scholars/Associates:

Ieshita Pan

Debashis Bandyopadhyay
- Participated in the National Conference on Biodiversity and its Conservation, February 16-17, 2013 at Life Science Department, Sambalpur University, Sambalpur.

Kamala Das
- Participated in the National Conference on 'Biodiversity and its Conservation', February 16-17, 2013 at Life Science Department, Sambalpur University, Sambalpur.

Sayani Mukherjee
- Participated in the National Conference on Biodiversity and its Conservation, February 16-17, 2013 at Life Science Department, Sambalpur University, Sambalpur.

Khangembam Lenin Singh:
- Participated in the National Seminar of Plant Physiology (2012) on 'Physiological and Molecular Approaches for Development of Climate Resilient Crops' at Department of Crop Physiology, College of Agriculture, Acharya N. G. Ranga Agricultural University, Rajendranagar, Hyderabad.

Rajkumar Chakraborty
- Participated in the National Seminar of Plant Physiology (2012) on 'Physiological and Molecular Approaches for Development of Climate Resilient Crops' at Department of Crop Physiology, College of Agriculture, Acharya N. G. Ranga Agricultural University, Rajendranagar, Hyderabad.

Satyajit Das
- Participated in the National Seminar of Plant Physiology (2012) on 'Physiological and Molecular Approaches for Development of Climate Resilient Crops' at Department of Crop Physiology, College of Agriculture, Acharya N. G. Ranga Agricultural University, Rajendranagar, Hyderabad.
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Jaladhar Pal
- Participated in the 8th All India Summer Research Training Programme on Molecular Techniques offered by Sengunthar Arts and Science College Tamilnadu- 637205, during 23rd May to 1st June 2012. Sponsored by Tamilnadu State Council for Science and Technology (TNSCST) Govt. of Tamil Nadu Chennai.

Tustu Mondal
- Participated in "Workshop on Statistical Data Analysis" conducted by the Applied Statics Unit, Indian Statistical Institute Kolkata during January 21st -25th 2013

Trina Chakraborty
- Attended and presented a paper in the 17th National conference of Indian Aerobiological Society on Impact of airborne Microbes held at MAEER's Arts, Commerce & Science College, Pune, Maharashtra from December 13-15th, 2012.

Tanmoy Basak
- Attended and presented a paper in the 17th National conference of Indian Aerobiological Society on Impact of airborne Microbes held at MAEER's Arts, Commerce & Science College, Pune, Maharashtra from December 13-15th, 2012.

Sipra Roy
- Attended and presented a paper in the 17th National conference of Indian Aerobiological Society on Impact of airborne Microbes held at MAEER's Arts, Commerce & Science College, Pune, Maharashtra from December 13-15th, 2012.

Shampa Dutta
- Participated in the 53rd Annual Conference of Association of Microbiologists of India (AMI), and International Conference on 'Microbial World: Recent Innovations and Future Trends' held on 22nd to 25th November, 2012, organised by KIIT University, Bhubaneswar, Odisha 751 024.

Ranjan Ghosh
- Participated in a Workshop and hands on training on "Plant DNA fingerprinting", held on September 21 to October 5, 2012, organized by Bose Institute, Kolkata.
- 53rd Annual Conference of Association of Microbiologists of India (AMI), and International Conference on 'Microbial World: Recent Innovations and Future Trends' held on 22nd to 25th November, 2012, organised by KIIT University, Bhubaneswar, Odisha 751 024.
- Participated in 100th Indian Science Congress Association organised by Calcutta University, January 3 to 7, 2013.

Sunrit Basu Sarbadhikary
- Participated in 100th Indian Science Congress Association organised by Calcutta University, January 3 to 7, 2013.
- Participated and presented a paper in the National Seminar on Micro and Macro Resources in Biomolecular Technology, jointly organised by Departments of Biotechnology and Microbiology, North Bengal University, February 25-26, 2013.
- Participated in the Workshop on Fluorescence Microscopy held in University Science Instrumentation Centre, The University of Burdwan, November 22-23, 2013.

Soma Barman
- Participated in the 53rd Annual Conference of Association of Microbiologists of India (AMI), and International Conference on 'Microbial World: Recent Innovations and Future Trends' held on 22nd to 25th November, 2012, organised by KIIT University, Bhubaneswar, Odisha 751 024.
- Participated in the 100th Indian Science Congress Association organised by Calcutta University, January 3 to 7, 2013.
- Participated in the National Symposium on 'Plant Microbe Interaction and Crop Health Management' & Twenty fifth
Annual General Meeting of Indian Phytopathological Society (Eastern Zone, 2012) organised by Department of Plant Protection, Palli-Siksha Bhavana, Institute of Agriculture, Visva-Bharati, held on 6th to 7th October, 2012.

**Biplab Bandopadhyay**
- Participated in the lecture course on "Drug development and infectious diseases" held during January 14-18, 2013, organized by J.N.U., New Delhi, India.

**Anirban Paul**
- Participated in the National Seminar on Recent Advances in Rice Genomics and Biotechnology; March 23-24th 2013. Jointly Organised by Department of Biotechnology & Palli Siksha Bhavana, Visva-Bharati.

**Pradyut Biswas**

**Krishnendu Dey**

**Hemanta Saha**

**Ramanjan Ghanta**

**Uday Das**
- Participated and presented paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
- Participated and presented paper in the National Seminar on "Botanical Products in Human Welfare" organized by the Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal on 11th January, 2013.

**Swarnendu Mondal**
- Participated and presented paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.

**Suman Kalyan Mandal**
- Participated and presented paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
Kumares Pal

- Participated and presented paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
- Participated the National Workshop on "Eco-friendly Printing with Natural Dyes" organized by Silpa-Sadana, Sriniketan, Visva-Bharati, West Bengal during 8th - 9th December, 2012.
- Participated and presented paper in the National Seminar on "Botanical Products in Human Welfare" organized by the Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal on 11th January, 2013.

Sathi Saha

- Participated and presented paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on "Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)" organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
- Participated and presented paper in the National Seminar on "Botanical Products in Human Welfare" organized by the Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal on 11th January, 2013.

Sikha Mondal

- Participated in the Workshop on Seaweed Liquid Fertilizer for Farmers and Entrepreneurs held in KVK, Sriniketan, Visva-Bharati on 20th Nov. 2012.

Ongoing Research Projects in the Department:

Sudhendu Mandal

- Project entitled "Taxonomic Revision of the family Acanthaceae" funded by BSI, Govt. of India, Kolkata; Amount: Rs. 9.00 Lakh (As Co-PI).

Sukanta Kumar Sen

- Project entitled "Exploration of soil microorganisms for quality compost production"; funded by UGC, Govt. of India; Amount: Rs. 7.69 lakh (as PI).

Samit Ray

- Project entitled "Prospecting chemicals components from Cyanobacteria to deal with UV radiation" funded by CSIR (as PI).

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 immunological 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)

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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).
- Project entitled "Biochemical and molecular profiling of West Bengal folk rice germplasm with reference to abiotic stress tolerance" funded by WB-DST; Amount: Rs. 10 lakh (as Co-PI).

Narayan Chandra Mandal
- Project entitled "Exploitation of free-living phosphate solubilizing rhizobia for improvement of soil fertility and promotion of plant growth" funded by UGC, Govt. of India; Amount: Rs. 6.95 lakhs (as PI).
- 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 lakhs (as PI).
- DBT-Tw inning 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).

Swadesh Ranjan Biswas
Nil

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).
- 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).

Soma Sukul nee Chunari
- Project entitled "Homeopathic potencies, their Spectroscopic characteristics and their effect on proteins" funded by The Asiatic Society (May, 2009 - Jan. 2013).
- Project entitled "Study of Pteridophytic flora and its Ethanobotany in rarh area, West Bengal" funded by UGC (Feb, 2010-Jan, 2013).

Adani Lokho
Nil

Jnanendra Rath
- Project entitled "Algal diversity of East Calcutta wetland, Ramsar site and evaluation of its phycoremediation potential" Funded by UGC, Govt. of India; Amount: Rs. 7.47 lakhs; (Completed in October 2012. As PI).
- Project entitled "Molecular taxonomy of stress tolerant cyanobacteria and characterization of stress proteins and antioxidant defense systems in selected anhydrobiotes" Funded by Department of Science and Technology, Govt. of India; Amount: 30 lacks; (As Co-PI).

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- Project entitled "Prospecting chemical components from Cyanobacteria to deal with UV Radiation" Funded by CSIR, Govt. of India; Amount: 20 lakhs; (As Co-PI).

Hema Gupta (Joshi)
- 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 Co-PI).

Bomba Dam
Nil

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 lakhs; (As PI).

Satish Kumar Verma
Nil

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

Academic distinctions gained by Teachers/Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.):

(a) Teachers

Sudhendu Mandal
- Honorary Secretary and Executive Council Member, Indian Science News Association, Kolkata.
- Honorary Treasurer and Executive Council Member, West Bengal Academy of Science & Technology, Kolkata.
- President (Honorary), Birbhum Banabani Chetana Udyog, Bolpur.
- Vice-President (Honorary), Parijat Sanskritic Kendra, Kolkata.
- Member, Executive Council of the Botanical Society of Bengal, Kolkata.
- Member, Executive Council of the Plant Physiology Forum, Kolkata.
- 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).
- Member, Advisory Committee and Chairperson of the Technical Session III: Research Evaluation by Subject of the National Workshop on "Using Different Metrics for Assessing Research Productivity" organized by the Indian Statistical Institute, New Delhi.
- Member and Invited Speaker of the 150th Birth Anniversary Celebration of "Jagadish Chandra, Rabindranath and Prafulla Chandra" of the Indian Science News Association, Kolkata.
- Expert Member, Technical Advisory Committee (TAC) of Library, Documentation and Information Sciences Division of the Indian Statistical Institute, Kolkata.
- Expert Member of the Committee for Assessment of the Promotion/Career Advancement & Screening-cum-Assessment/F.C.S. of the Bose Institute, Kolkata.
- Expert Member, Selection Committee for the posts of Lecturers/Reader/Professors of different Universities/Institutions.
- Member, Organising Committee of the Workshop on "Communication: Emerging Social Development-How & Wherefore" organized by the Centre for Journalism & Mass Communication (CJMC) & Friedrich Ebert Stiftung (FES), Visva-Bharati, Santiniketan from 20-22 April 2012.
Invited Speaker at the 115th Birth Anniversary of Tarasankar Bandyopadhyay organized by the Labpur Panchyat Samiti and B.D.O. Office, Govt. of West Bengal on 24th July 2012.

Guest of Honour at the Inaugural Session and Chairperson of the Second Session of the National Seminar on "Rabindranath O Granthagar & Vigyansadhana" organized by the Central Library, Kalyani Univerasity, Kalyani on 14th August 2012.

Invited speaker at the MMM-3 (International Meeting on Mangrove Ecology, Functioning and Management) from 2-6 July 2012 at Galle, Sri Lanka.

Invited Speaker and Chairperson of the Scientific Session on Section 5 (Embryology and Reproductive Biology of Plants) at the II(X) International Botanical Conference of Young Scientists sponsored by Russian Academy of Sciences and Russian Botanical Society at the Komarov Botanical Institute of Russian Academy of Sciences, St. Petersburg, Russia from 11-16th November 2012.

Invited Speaker to deliver special lecture at the DST INSPIRE INTERNSHIP Winter Camp- 2012 organised by the Integrated Science Education & Research Centre, Visva-Bharati, Santiniketan from 10-16th December 2012.

Invited speaker at the 6th International Legume Conference organized by the University of Johannesburg, South Africa, from 6-11 January 2013.

Member, Advisory Committee and Chairperson of the Invited Lecture Session -I of the National Conference on "Reprographic Rights and Copyright Act : Challenges and Management" organized by Library, Documentation & Information Science Division of the Indian Statistical Institutre, Kolkata from 7-8th March 2013.

Chairman of the Invited Lectures Session and Valedictory Session of the National Seminar on "Echoes of Silent Spring: Human Impact on Environment" organized by the Department of Environmental Studies, Visva-Bharati, Santiniketan on 9th March 2013.

Chairperson of the Technical Session I of the National Seminar on "Recent Advances in Rice Genomics and Biotechnology" organized jointly by the Department of Biotechnology and Palli Siksha-Bhavana, Visva-Bharati, Santiniketan on 23rd March 2013.

Chairperson of the 1st Scientific Session and Resource Person of the National Symposium on "Aerobiology for Sustainable Management of Plant, Animal and Human Health" organized by the Centre of Advanced Study in Life Sciences, Manipur University, Manipur sponsored by UGC, DBT, DST, CSIR on 25-26th March 2013.

Member, Organising Committee of the XXVI Training Programme on Science Communication and Media Practice 2012 and 6th Science Communicators' Meet 2013 of the Indian Science News Association, Kolkata sponsored by the Department of Science & Technology, Govt. of India, New Delhi.


External Member, Board of Studies in Botany of the North Eastern Hill University, University of Burdwan and Gour Banga.

Moderator and External Examiner for Ph.D., M.Phil. and M.Sc. of the Universities like Assam, Burdwan, Kalyani, Calcutta, Gauhati, North Bengal, North Eastern Hill University, Sambalpur, Utkal, North Orissa and Vidyasagar.

Sukanta Kumar Sen

Fellow of National Environmentalists Association

Samit Ray

Nil

Kashinath Bhattacharya

Elected the President of Indian Aerobiological Society for 2012-14
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- Member, INDSUBIO (Indian Sub-Continent Biomization) Project under the auspices of Bristol Research Initiative of the Dynamic Global Environment (BRIDGE) headed by Prof. Sandy Harrison
- Member, GEO Task US09-01a: Earth Observation Priorities for Human Health: Aeroallergens SBA. Group Leader: Hillel KOREN, University of North Carolina, USA
- Member of Editorial Board: Indian Journal of Aerobiology
- Reviewer of the following journals: Quaternary Research, Springer; Aerobiologia, Springer; Grana, Taylor & Francis; Indoor & Built Environment, Karger; Current Science, India: Science & Culture, India.

Nirmalya Banerjee
Nil

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).
- External Expert Member of Board of Undergraduate Studies, University of Burdwan
- External Expert Member of Board of Postgraduate Studies, Gour Banga University
- External Expert Member of Board of Postgraduate Studies, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.

Narayan Chandra Mandal
- Member, Selection Committee of several Boards of Visva-Bharati
- Member, Academic Council, Visva-Bharati
- Member, Research Board, Visva-Bharati
- Member, Grievance addressal cell, Visva-Bharati
- Member (Upacharya’s Nominee), Siksha-Bhavana Admission Committee
- External Expert Member of Selection Committee of North Bengal University and Kalyani University.
- Evaluation of Govt. funded projects of CSIR (GoI), and DST (GoWB)
- Reviewing of research papers of several journals such as 3-Biotech, African Journals, Process Biochemistry, IJBB,
- Adjudication of Ph.D. theses of BHU, NBU, Gauhati, Tezpur, and Jadavpur Universities
- 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 Glossory in Hindi and other regional languages
- Chaired a session in National Conference on Rice Genomics, organised by Department of Biotechnology and Palli Siksha Bhavana, Visva-Bharati, March, 23rd to 24th, 2013.

Subrata Mondal

Swadesh Ranjan Biswas
Nil

Chowdhury Habibur Rahaman
Life Member - The Indian Science Congress Association, 14, Dr. Biresh Guha Street, Kolkata
Soma Sukul nee Chunari
Nil

Adani Lokho
Nil

Jnanendra Rath
Awarded Raman Post Doctoral Fellowship to visit USA for one year by UGC, New Delhi.

Hema Gupta (Joshi)
Nil

Bomba Dam
- Received the Max Planck Postdoctoral Research fellowship for short term research stay at the Max Planck Institute for Terrestrial Microbiology, Marburg, Germany (01st May to 13th June 2012)
- Received the Max Planck Postdoctoral Research fellowship for short term research stay at the Max Planck Institute for Terrestrial Microbiology, Marburg, Germany (21st October to 11th November 2012)

Surendra Kumar Gond
Awarded Raman Post Doctoral Fellowship to visit USA for one year by UGC, New Delhi.

Satish Kumar Verma
Nil

(b) Scholars

Trina Chakraborty
- Awarded the P.H. Gregory Golden medal for her research work in the 17th National conference of Indian Aerobiological Society on Impact of airborne Microbes held at MAEER's Arts, Commerce & Science College, Pune, Maharashtra from December 13-15th, 2012.

Sipra Roy
- Awarded Third Prize in oral paper presentation in the 17th National conference of Indian Aerobiological Society on Impact of airborne Microbes held at MAEER's Arts, Commerce & Science College, Pune, Maharashtra from December 13-15th, 2012.

Alokesh Das
- Received the Rajib Gandhi Fellowship of UGC, Govt. of India.

Shailen Bhakat
- Received the Rajib Gandhi Fellowship of UGC, Govt. of India.

(c) Department as a whole
Nil

Publications within the year April 2012- March 2013:

Sudhendu mandal
Sukanta Kumar Sen
Samit Ray
Kashinath Bhattacharya
Hussain MM, Chakraborty P and Bhattacharya K. 2012. Pollen grains of queen sago (Cycas circinalis L.), a source


Nirmalya Banerjee


Rup Kumar Kar


Narayan Chandra Mandal


Subrata Mondal


Ghanta, R. and Mondal, S. Effect of some nutrients on In Vitro pollen germination of Crescentia cujete L. Indian Journal of Bio-protocols. (Accepted)

Swadesh Ranjan Biswas


Chowdhury Habibur Rahaman


Soma Sukul nee Chunari

Adani Lokho

Jnanendra Rath
- GENBANK ACCESSION NUMBER: JX129163, JX513959, JX513958, JX421696

Hema Gupta (Joshi)

Bomba Dam

Surendra Kumar Gond

Satish Kumar Verma

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:
From 2011-2012 sessions M. Sc. course in Botany has been brought under CBCS Semester system following the guideline of UGC and the syllabi of the whole curriculum restructured newly (under four semesters) keeping in view of the recent advancements of knowledge in the subject. Also credit point system has been adopted for evaluation.

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.

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

Particulars in details of the Departmental Library:
(a) Area (sq. meters) quoted for the library - 150 sq. ft.
(b) Separate provision for reading room - No
(c) Total no. of books - 1600 (approx.)
(d) Total no. of books purchased during the year - 80
(e) Total no. of periodicals - 5
(f) Periodicals purchased during the year - -
The department was established in the year 1999 with only under graduate studies. Post graduate studies started in the year 2003. Currently, it offers B.Sc. (Hons.), M.Sc. and Ph.D. degree in Statistics.

Name of the students qualified in UGC/CSIR NET/SLET

None

Departmental Seminar : Nil

Conference/Seminar/Workshop/Exhibition etc.

Kashinath Chatterjee
1. Delivered a Colloquium talk at the Department of Statistics, Beijing Jiaotong University, China on June 8, 2012. The topic of my talk was Use of Search Designs for Model Selections.
2. Delivered an invited talk at the Session on Design and Analysis of Experiments at the International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC 2012) held at the University of North Carolina, Greensboro during October 5-7, 2012.
3. Participated and presented a paper at the International Conference on Design and Analysis of Experiments, Organized by the Department of Statistics, University of Georgia at Athens, Georgia during October 17-20.
4. Delivered a talk on Design of Experiments at the Probability and Statistics Seminar held at Georgia Southern University, Statesboro, GA, on October 26, 2012.
7. Participated as a member of the Advisory Committee, the two-day National Seminar on "Application of Statistics & Statistical Computing" during January 30 - 31st, 2013

Sudhansu S. Maiti
2. Attended and presented a paper entitled "Generalized Process Capability Indices" in International Conference on Mathematical Sciences for Advancement of Science and Technology held on December 21-23, 2012 at IMBIC, Kolkata, India.

Tirthankar Ghosh
2. Attended and presented a paper entitled 'Application of Reverse Hazard Rate in Reliability Approximation', in The 6th
International Conference of IMBIC on "Mathematical Sciences for Advancement of Science and Technology" during December 21-23, 2012 held at Cochin University of Science and Technology, Kerala, India.


Saran Ishika Maiti
Attended and presented a paper entitled "An introspection of equi-covariable composite class" in Eighth International Triennial Calcutta Symposium on Probability and Statistics held on December 27-30, 2012 at Department of Statistics, Calcutta University, Kolkata, India.

Soumalya Mukhopadhyay
Attended and presented a paper entitled "Growth data with measurement and reading errors propagating through Time" in India Biodiversity Meet (March 14-16, 2013) organized by Agricultural and Ecological Research Unit, ISI Kolkata, In Collaboration with Biomathematical Society of India.

Editorial Service
Kashinath Chatterjee
- Serving as an Associate Editor of the "Journal of the Indian Society of Agricultural Statistics".

Sudhansu S. Maiti

Saran Ishika Maiti

Other Academic Distinctions
Kashinath Chatterjee
International:
1. Visited Department of Statistics, Central China Normal University, Wuhan, China as visiting scientist from May 17, 2012 to May 26, 2012
2. Delivered lectures to the Ph.D. students of the Department of Statistics, Central China Normal University, Wuhan, China on Design of Experiments.
4. Visited Department of Statistics, Beijing Jiaotong University, China from June 5, 2012 to June 11, 2012.
5. Visited Department of Statistics, University of Georgia, Athens, Georgia, from October 10, 2012 to October 25, 2012.
6. Visited Statistics and Mathematics Unit, Indian Statistical Institute, Delhi Centre for Collaborative research during March 5, 2013 - March 12, 2013.

Sudhansu S. Maiti
2. University Nodal Officer, All India Survey on Higher Education conducted by MHRD.
4. Chairman, Visva-Bharati Admission Coordination Cell.
5. External Member, Board of Studies in Statistics (UG), University of Gour Banga.
Publications:

Kashinath Chatterjee

Sudhansu S. Maiti

Research Scholar
Sudhir Murmu
DEPARTMENT COMPUTER AND SYSTEM SCIENCES

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

Sudarshan Ray

Departmental Seminars (Speakers, Title of the Seminar, Date):
Speaker: Prof. Aditya Bagchi, Title: Dissociation based Association Rule Mining, Date: November 10, 2012.

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

Paramartha Dutta
1. Attended International Conference on Computational Intelligence and Communication Networks (CICN 2012) held at Mathura, India, during November 03-05, 2012.

Utpal Roy
1. 10th IAPR Workshop in Document Analysis System 2012 (DAS 2012), held during March 27th -29th , 2012, Gold Coast, Queensland, Australia.

Ongoing Research Projects in the Department:
(i) Name of the Teacher: Prof. Paramartha Dutta
(ii) Name of the Project: "Development of an Intelligent Recognizer of Component Analysis of Manhole Gas Mixture"
(iii) Sponsoring Agencies: DST funded
(iv) Amount Sanctioned: Rs. 33.00 lakhs (approx.)

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Balaram Bhattacharyya
✓ Honoured with nomination as member of Program Committee in the 4th International Conference on Information Technology in Bio- and Medical Informatics - ITBAM 2012, Vienna, Austria, September 4-5, 2012.
✓ Member of Board of Studies in Computer Science of Benaras Hindu University, Varanasi.

Paramartha Dutta
✓ Undertook teaching assignment as a Guest Faculty in Department of Computer Science and Engineering and Department of Information Technology, Tripura University.
✓ Reviewer of various Journals including -
1. IEEE Transactions on System, Man and Cybernetics
2. IEEE Transactions on Evolutionary Computation
3. Pattern Recognition
4. Signal Processing
5. IEEE Communication Letters
✓ Member of Board of Undergraduate Studies in Computer Science of Kalyani University.
✓ Member of Board of Studies in Computer Science, Information Technology and Computer Application of West Bengal University of Technology.

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Member of the School Board of Triguna Sen School of Technology of Assam University, Silchar.

Member of Scientific Committee and Editorial Review Board on Engineering and Applied Sciences of World Academy of Science Engineering and Technology.

Utpal Roy

Undertook teaching assignment as Guest Faculty in the Department of Computer Science and Engineering, Tripura Central University, Agartala.

Nominated as reviewer of the Second International Conference on Computing and Systems, 2013, Department of Computer Science, University of Burdwan.

Honoured to be the Life member of Forum of Scientists, Engineers & Technologists (FOSET).

Publications within the year April 2012 - March 2013


Balaram Bhattacharyya:

B Mandal and B Bhattacharyya, "Biomedical Color Image Segmentation through Precise Seed Selection in Fuzzy Clustering", published in Engineering Applications of Neural Networks: Communications in Computer and Information Science (Springer), Volume 311, pp. 482-491, 2012.

Paramartha Dutta:

Conference Proceedings:


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Journals:

Book Chapters:


Invited Papers:


Books:


Utpal Roy:


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

B.Sc. (Honours) and M.Sc. in Computer Science under choice based credit system.

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

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The department was created in 1998 under UGC XIth plan proposal. The one-year PGDCA course which commenced from 1993 was upgraded to M.C.A. course in 1999. The B.Sc. (Honour in Computer Science) course commenced from 2000, followed by the M.Sc. (in Computer Science) course in 2003.

**Particulars in details of the Departmental Library**

(a) Area (in Sq. metres) quoted for the library. 13\(\times\)16\(\times\) shared with server room

(b) Is there separate provision for Reading Room? No

(c) Total Number of books: 393

(d) Total Number of books purchased during the year: Nil

(e) Total Number of Periodicals: Nil

(f) Total Number of Periodicals purchased during the year: Nil

(g) Total Number of Readers: 86

(h) Total Number of Books and Periodicals issued: 105

(i) Total Number of Staff-members (category wise) Nil (One of the Faculty member takes charge)
DEPARTMENT OF ENVIRONMENTAL STUDIES

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

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Student</th>
<th>Qualifying examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sayed Yakub Ali</td>
<td>CSIR - UGC LS</td>
</tr>
<tr>
<td>2</td>
<td>Sk. Mahim Ali</td>
<td>Moulana Azad Fellowship, UGC</td>
</tr>
</tbody>
</table>

Department Seminar: The Department organized a one-day seminar entitled "National Seminar on Echoes of Silent Spring: Human Impact on Environment" on 9th March, 2013 to commemorate the 50th year publication of "Silent Spring" by Rachel Louise Carson, the book that is credited for creating the modern environmental movement.

The seminar was inaugurated at 9.30 a.m. in the Seminar Hall, Zoology Department, Visva-Bharati by Prof. Samir Bhattacharya, Professor-Emeritus on behalf of Hon’ble Upacharya, Visva-Bharati. Prof. A.K. Roy, Principal, Siksha-Bhavana presided over the function. The inauguration was followed by three invited lectures by Mr Arunendu Banerjee, author and environmental architect, Prof. Shelley Bhattacharya, Retd. Professor, Visva-Bharati and Prof. Bijaya K Behera, PDP University, Gandhinagar. About forty participants presented their papers on different aspects of environment in five technical sessions held simultaneously in the Seminar Hall, Zoology Department and in the Dept. of Environmental Studies.

Besides, the Department also organized the following seminar:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of the Speaker</th>
<th>Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prof. A. K. Attri</td>
<td>Climate Change???</td>
<td>25th June 2012</td>
</tr>
</tbody>
</table>

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

Shibani Chaudhury

Ch-II


16. Muthusamy Senthil Kumar, Srinivasan Balachandran, Shibani Chaudhury - Callus induction, biomass growth and morphology from stem explants of Heliotropium indicum L under the influence of plant growth regulators. Paper presented in the 100th Indian Science Congress, 3-7January 2013, Kolkata

Pratap Kumar Padhy


5. Kumar, M., Kumar, B. and Padhy, P. K. Spatial assessment and characterization of the Subarnarekha river water through index analyses approaches and chemometrics, Paper presented in the National Seminar on Ecology, Environ-
ment and Development (NASEED-2013), organized by Sambalpur University during January 25-27, 2013.

Pulak Kumar Patra
3. Patra, P.K, Hydro-geochemical assessment of Bakreswar thermal springs: Implication for fluoride contamination, Paper presented Indian Science Congress (Environmental Sciences Section) held during 3-7 January, 2013, at Kolkata
4. Pati P. and Patra, P.K, Intertidal foraminifera along Digha-Chandipur Coast: Potential bioindicators. Paper presented Indian Science Congress (Environmental Sciences Section) held during 3-7 January, 2013, at Kolkata
Department of Environmental Studies, Visva-Bharati, Santiniketan on 9th March, 2013.

S. Balachandran
2. Muthusamy Senthil Kumar, Srinivasan Balachandran, Shibani Chaudhury - Callus induction, biomass growth and morphology from stem explants of Heliotropium indicum L under the influence of plant growth regulators. Paper presented in the 100th Indian Science Congress, 3-7 January 2013, Kolkata

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/-

b) 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/-. Prof. 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: Assessment of volatile organic compounds (VOCs) exposures during biomass combustion in rural homes and its impact on respiratory health. Project ended on 31st January 2013.
Sponsoring agency: UGC, New Delhi.
Amount sanctioned: Rs 10,68,676/-.

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Name of the project: Effect of stone crushing industries on *Shorea robusta* and *Madhuca indica* foliage in Lalpahari forest (continued from last year).
Sponsoring agency: Visva-Bharati.
Amount sanctioned: Rs 2370/-

**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: Hydrogeochemical assessment of Bakreswar thermal springs
Sponsoring agency: Visva-Bharati.
Amount sanctioned: Rs 2370/-

**S. Balachandran**

a) Name of the project: "A Comparative ethnobotanical investigation: The Santal tribes of major populated districts in West Bengal, India", Sponsoring agency: UGC.
Amount sanctioned: Rs.8,28,300/-

b) 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/-. 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 2012. 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 NCC cadets from Visva-Bharati and local colleges also participated the awareness programme and clean-up of Mela ground during these three days. The local tribal community also volunteered in this programme and sold their eco-friendly goods (such as vermi-compost manures, paper & gunny bags and handicrafts etc) from the stall.

**Shibani Chaudhury**

a) Resource person on Workshop on water conservation organized by Department of Environmental Science, Burdwan University - 7th June 2012.

b) Resource person for a seminar on Environment and Plastic - Organised by Patha Bhavana, Visva-Bharati on 11th December 2012

**Pratap Kumar Padhy**

a) Acting as In-Charge of the Book Bank, Siksha-Bhavana, Visva-Bharati since April 2007.

b) Pratap Kumar Padhy: Resource Person, Climate change, water resources and food production: Some highlights in the context of India, DST Inspire Programme, Visva-Bharati, December 12, 2012.
Shweta Yadav
Member of committee constituted for creation of Student Activities Centre.
Academic distinctions gained by Teacher/Scholars or Department as a whole: Nil

Publications within the year April 2012-March 2013:
Shibani Chaudhury

Pratap Kumar Padhy

Pulak Kumar Patra

**S. Balachandran**


**Shweta Yadav**


**Designing new course/curriculum or any other teaching innovations introduced by the department:** The Choice Based Credit system (CBCS) was introduced for M.Sc. Environmental Science with four Special paper and one elective.

**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 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 (2012-2013) more than 1000 students are taking this course. The Department started the M. Sc. Course in Environmental Science from the session 2003-04. The faculty members of the Department are doing research work on different aspects of environment.

The Department plans to 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-
Ch-II

Sriniketan-Bolpur areas. Resource persons are invited to the Department to help the students in different environmental activities.

**Particulars in details of the Departmental Library:**
(a) Area quoted for the library: Nil, Four Book Shelves
(b) Is there separate provision for reading room? No
(c) Total no. of books: 571
(d) Total no. of books purchased during the year: Nil.
(e) Total no. of periodicals: Nil
(f) Total no. of periodicals purchased during the year: Nil
DEPARTMENT OF BIOTECHNOLOGY

Name of the students qualified in UGC-CSIR NET/SLET and GATE Examinations:
GATE qualified semester IV students of 2011-2013 batch & Ph.D. students

I. Sayani Goswami (All India ranking 321)
II. Archana Rai (All India ranking 1493)
III. Tejveer Singh (All India ranking 3128)
IV. Chandan Kumar Jha (Student of 2009-2011 batch; All India ranking 2335)
V. Shainy Ojha (Student of 2010-12 batch; All India ranking 423)
VI. Jyotsana Singh (Student of 2010-12 batch; All India ranking 1067)
VII. Sweta (Student of 2010-12 batch; All India ranking 820)
VIII. Sheetal Chaya (Student of 2010-12 batch)
IX. Sanjay Kumar (Student of 2010-12 batch)
X. Ashok Kumar (Student of 2010-12 batch)
XI. Protyusha Dey (Ph.D. course work student, 2012-13, All India ranking 2078)

Departmental Seminar (Speakers, Title of the seminar lecture):

<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKERS</th>
<th>TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-09-2012</td>
<td>Prof. Sanghmtra Raha, Saha Institute of Nuclear Physics, Kolkata</td>
<td>How do cell die?</td>
</tr>
<tr>
<td>19-11-2012</td>
<td>Prof. Lubomir Kovacik, Dept. Botany, Natural Sci., Commenious University, Bratislava, Slovak Republic</td>
<td>Biocorrosive action of cyanobacteria and algae on cultural monuments</td>
</tr>
<tr>
<td>19-11-2012</td>
<td>Prof. Laura Bruno, Div. Biological Sciences, Univ. of Rome &quot;Tor Vergata&quot;, Italy</td>
<td>Biodeterioration of Roman catacombs: ten years in characterizing and controlling the development of phototrophic biofilms on valuable surfaces</td>
</tr>
<tr>
<td>19-11-2012</td>
<td>Dr. Roberta Constegri, Div. Biol. Sciences, University of Rome, Italy</td>
<td>Natural and cultured phototrophic biofilms in water systems.</td>
</tr>
<tr>
<td>19-02-2013</td>
<td>Dr. Debasis Bandopadhyay, Dept. Physiology, University of Calcutta, Kolkata</td>
<td>Melaotnin: Protection against myocardial ischemia.</td>
</tr>
<tr>
<td>17-09-2012</td>
<td><strong>M.Sc. students:</strong></td>
<td></td>
</tr>
<tr>
<td>1) Anjali Gangwar</td>
<td>Extraction of DNA from different sources.</td>
<td></td>
</tr>
<tr>
<td>2) Archana Rai</td>
<td>DNA extraction and quantification by nano drop method</td>
<td></td>
</tr>
<tr>
<td>3) Sayani Goswami</td>
<td>Exploration of a soil isolated for its agriculture potential.</td>
<td></td>
</tr>
<tr>
<td>4) Kasturee Chakraborty</td>
<td>Cloning and expression study of Dehydrin gene.</td>
<td></td>
</tr>
</tbody>
</table>
5) Dheerendra Pratap Mall  Isolation, purification and identification of actinomycetes.
5) Dheerendra Pratap Mall  Isolation, purification and identification of actinomycetes.
24-09-2012
6) Priyajit Banerjee  Apoptosis
7) Tejveer Singh  Late blight of potato.
8) Pratibha Sukku  Maternal acceptance of the foetus.
1-10-2012
9) Alfred besra  Fetuin acts as an endogeneous ligand for TLR4 to lipid induced insulin resistance.
10) Samreen fatima.  Thymus gland.
8-10-2012
11) Anjali Gangwar  Antisence mechanism in drug development
12) Saumya Mishra  Green synthesis of silver nano particle
13) Sarthaki Ghonge  Aggressive mechanism of pathogen
28-01-2013
14) Pramita Gorai  Current approaches to improve the anti cancer chemotherapy with alkylating agent.
11-02-2013
15) Ravi Kumar  Melanoma.
16) Surbhi Kumari  Nano technology for the treatment of HI
18-02-2013
17) Archana Rai  Alzheimer's disease
18) Sayani Goswami  Brain reprogramming of adult cells
19) Reha Labar  Biodiesel
20) Alfred Besra  Subtractive supression hybridization (SSH)
4-03-2013
21) Kasturee Chakraborty  Microbial fuel cell
22) Anjali Gangwar  Codon optimization
11-03-2013
23) Priyajit Banerjee  RNA interference
24) M. Kondababu  Evolution of microRNA
18-03-2013
25) Ravi Kumar  The phytoplasm
26) Dheerendra Pratap Mall  miR398 level down regulates during biotic and abiotic stress

Summer training carried out by the students of the Department after their 2nd semester:
1. Ms. Kasturee Chakraborty took summer training on "Cloning and expression study of Dehydrin gene" under the supervision of Dr. Sudipta Ray, Dept. of Botany, University of Calcutta, Kolakata, West Bengal, from 15th May to 7th July 2012.
2. Ms. Anjali Gangwar took summer training on "Extraction of Genomic and Plasmid DNA from Plant and Animal sources and its analysis through nanodrop and agarose gel electrophoresis" under the supervision of Dr. Uma Shankar, consultant scientist, Biotech park, Lucknow, Uttar Pradesh, from 1st June to 30th June 2012.
3. Mr. Dheerendra Pratap Mall took summer training on "Isolation, Purification and Identification of Actinomycetes" under the supervision of Dr. Anurag Chaurasia, scientist, National Bureau of agriculturally important microorganisms (NBAIM), Maunath Bhanjan, Uttar Pradesh, from 20th May to 10th July 2012.
4. Ms. Sayani Goswami took summer training on "Exploration of a soil isolate for its agricultural potential" under the supervision of Prof. Sukanta Sen, Dept. of Botany, Visva-Bharati, Santiniketan, West Bengal, from 1st June to 4th July 2012.
5. Ms. Archana Rai took summer training on "Extraction of Genomic and Plasmid DNA from Plant and Animal sources and its analysis through nanodrop and agarose gel electrophoresis" under the supervision of Dr. Uma Shankar, consultant scientist, Biotech park, Lucknow, Uttar Pradesh, from 1st June to 30th June 2012.

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In-house Project work by the M.Sc. 4th semester students for fulfillment of M.Sc. degree:

1. Sainy Ojha Amplification of 3’ end of a gene encoding cellobiose dehydrogenase from *Termitomyces clypeatus* Dr. A. Roy, Associate professor, Dept. Biotechnology, Visva Bharati
2. Amplification Sweta of a part of glucoamylase gene from *Termitomyces clypeatus* Dr. A. Roy, Associate professor, Dept. Biotechnology
3. Alok Priya Characterization and genetic analysis of some rice genotype for osmotic stress tolerance and also characterization of ten flowering related genes Dr. N. Dey, Assistant Professor, Department of Biotechnology
4. Jyotsana Singh Potential of *Vigna unguiculata* for uptake of Zn from contaminated environment: Amplification of the transporter gene from *Vigna unguiculata* Dr. Jolly Basak, Assistant Professor, Department of Biotechnology
5. Sheetal Chaya Biochemical and molecular profiling of three common rice (Oryza sativa Linn) lines with one wild rice and one rice relative in relation to osmotic stress tolerance. Dr. N. Dey, Assistant Professor, Department of Biotechnology
6. Ram Krishna Determination of hepatotoxicity and cardio toxicity in Balb/c mice upon treatment with coffee extract Dr. S. Saha, Assistant Professor, Department of Biotechnology
7. Sanjay Kumar Zinc response on growth dynamic and biochemical change in *Brassica juncea* to study its phytoremediation ability: amplification of resistance gene alalon from *Brassica juncea*. Dr. Jolly Basak, Assistant Professor, Department of Biotechnology
8. Vikas Fulia An *in vitro* investigation of the antimicrobial activity of humic acids Dr. N. Das, Assistant Professor, Department of Biotechnology
9. Ashok Kumar Biodiversity of cyanobacteria on building facades of Santiniketan and their tolerance to UV Prof. S.P. Adhikary,

National and International standard Conference/Seminar/ Workshop/ Exhibitions etc. attended by teachers/ Research scholars in details:

**S.P. Adhikary:**
2. S.P. Adhikary: Lead lecture in the theme on Biodeterioration session of the International conference on Microbial world: Recent innovations and future trends, on " Biodiversity of stress tolerant cyanobacteria on exposed surfaces of monuments of cultural heritage, their biodeteriogenic activity and possible control for conservation" at KIIT University, Bhubaneswar, Nov. 22-25, 2012 and Chaired a session.
3. S.P. Adhikary: Invited lecture on "Teaching and research on algae: past and present scenario in India" In National seminar on Cryptogams-the key contributors to the ecosystem" Department of Botany, University of Calcutta, Kolkata, 7th November 2012 and Chaired a session.
5. S.P. Adhikary: Plenary lecture in the National seminar on Ecology, Environment and Development at Sambalpur University, Sambalpur, Odisha on 25 to 27 January 2013 and Chaired a session.
6. S.P. Adhikary: Plenary lecture in the National conference on Biodiversity and its conservation, at Sambalpur University, Odisha, 17 to 18th February 2013 and Chaired a session.
7. S.P. Adhikary: Invited lecture on " Diversity of fresh water algae in eastern and north eastern region of India: a comprehensive documentation through AICOPTAX, and algal culture collections for bioprospecting” in the National conference on Biodiversity and its conservation, at Sambalpur University, Odisha, 17 to 18th February 2013 and Chaired a session.
8. S.P. Adhikary: Special lecture on "Culture collections of microalgae and cyanobacteria: The Indian scenario int he globe” in the National Seminar on Micro- and macro resources in Biomolecular Technology, Dept. Biotechnology, North Bengal University, Siliguri from 25 to 26 February 2013 and Chaired a session.
9. S.P. Adhikary: Plenary lecture in the National symposium on Fundamentals and applied phycology at the Department of Botany, Punjabi University, Patiala on March 25-26, 201 and chaired a session.

Delivery of seminar lectures at National level at different places:

i. S.P. Adhikary: Lectures in the DST-INSPIRE Internship camp at Manipur Central University on 8th and 9th August 2012.

ii. S.P. Adhikary: Lecture in the DST-INSPIRE Internship camp at Visva-Bharati, Santiniketan, 14th December 2012.


iv. S.P. Adhikary: Lecture in the UGC sponsored Refresher course at Sambalpur University on 7th September 2012.

v. S.P. Adhikary: Key note speaker in the national seminar on Sustainable management of environment in mining areas, Barbil college, Barbil, Odisha, 18th and 19th August 2012.

vi. S.P. Adhikary: Key note speaker in the national seminar on Sustainable development through the use of biofertilizers” at Aul college, Aul, Odisha, 5th and 6th January 2013.

vii. S.P. Adhikary: Lecture in the UGC sponsored Refresher course at Sambalpur University on 16th February 2013.

A. Roy:

1. Dr. Amit Roy: participated and presented a poster entitled "New antifungal compounds from Aegiceras corniculatum, a mangrove plant from Sundarban estuary” in the 53rd Annual Conference of the AMI: International conference on "Microbial world: Recent innovations and future trends” held at KIIT University, Bhubaneswar between November 22nd and 25th, 2012.

2. Dr. Amit Roy: funded by a sanction under the Merged Scheme program of Visva-Bharati, participated and presented a poster entitled ”Medicinal potentials of the mangrove plants from Sundarban estuary” at the 5th International Symposium (CTDDI-2013: Drug development for Orphan/Neglected diseases) organized by CSIR-CDRI, at Lucknow between 26th -28th February, 2013.

J. Basak:

1. Dr. J. Basak. Understanding the structural mechanism of non-host resistance in rice. ; January 3-7, 2013. 100th Science Congress, Kolkata.


N. Dey:


2. Dr. N. Dey. Association of Rice Research Workers golden jubilee international symposium " Sustainable Rice Production and Livelihood Security: Challenges and Opportunities" ; Central Rice Research Institute, Cuttack from March 02-05, 2013.

S. Saha:


2. Dr. S. Saha. 100th Indian Science Congress from 3 - 7 January, 2013 held at University of Calcutta, Kolkata.

3. Dr. S. Saha. National Seminar on 'Recent Advances in Rice Genomics and Biotechnology' during 23-24 March, 2013 held at Department of Biotechnology, Siksha Bhavana, Visva-Bharati.
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Research Scholars and students:

Aritra Simlai, Research scholar:
1. Participated in the workshop "Molecular modelling and drug designing" at National Institute of Cholera and Enteric diseases, Kolkata, 12 to 13 April 2012.
2. Participated in the 5th International symposium on drug development for orphan/neglected diseases, CDRI, Lucknow, 26 to 28 February 2013.

Nitin Keshari, Research scholar:
1. Participated in a short term training programme on "Bioinformatical approaches for sequence analysis and protein structure predictions" held at Centre of Excellence in Bioinformatics (COEBI), Bioinformatics Infrastructure Facility (BIF), Department of Biochemistry, University of Lucknow, Lucknow during July 13-14, 2012.
2. Poster presentation entitled as "Cyanobacteria on the stone monuments of Santiniketan and their tolerance to the extreme environment on the exterior surface" in an international conference on Microbial world: recent innovations and future trends, 53rd Annual conference of Association of Microbiologists of India (AMI) organized by KIIT University, Bhubaneswar, Odisha during November 22-25, 2012.
3. Poster presentation entitled as "Cyanobacteria on the stone monuments at Santiniketan and their adaptation mechanisms to high solar insolence" in 100th Indian Science Congress organized by Calcutta University, Kolkata during January 3-7, 2013.
4. Oral presentation entitled as "Diversity and phylogenetic analysis of cyanobacteria on building facades at heritage sites of Santiniketan, West Bengal" in a national seminar on Micro and Macro Resources in Biomolecular Technology organized by Department of Biotechnology and Microbiology, University of North Bengal during February 25-26, 2013.
5. Poster presentation entitled as "Survey of cyanobacteria on the stone monuments and their survival strategies to elevated temperature" in a national symposium on Fundamental and Applied Phycology organized by Punjabi University Patiala, Punjab during March 25-26, 2013. The above was judged as the best poster presentation.

Dhanesh Kumar, Research scholar:
1. Participated in a short term training programme on "Bioinformatical approaches for sequence analysis and protein structure predictions" held at Centre of Excellence in Bioinformatics (COEBI), Bioinformatics Infrastructure Facility (BIF), Department of Biochemistry, University of Lucknow, Lucknow during July 13-14, 2012.
2. Poster presentation entitled "Cyanobacteria in Biological Crusts on arid soils of Santiniketan and their adaptation to water stress" at 53rd Annual Conference of Association of Microbiologists of India (AMI) on "Microbial World: Recent Innovations and Future Trends" organised by KIIT University, Bhubaneswar, Odisha during November 22-25, 2012.
3. Poster presentation entitled "Cyanobacteria in the biofilms on the soils of Santiniketan in Birbhum, their role in soil structuring and nutrient mobilization" at 100th Indian Science Congress organised by University of Calcutta, West Bengal during January 3-7, 2013.
4. Poster presentation entitled "Diversity and pigment analysis of soil crust cyanobacteria from tea gardens of Darjeeling Himalayan, West Bengal" at National Seminar on Micro- and Macro- resources In Biomolecular Technology organised by North Bengal University, Silliguri, West Bengal during February 25-26, 2013.
4. Oral presentation on "Cyanobacteria in the Biological Soil Crusts of Santiniketan and their Stress Adaptation Mechanism" at the National Symposium on Fundamental and Applied Phycology organised by Department of Botany, Punjabi University, Patiala, Punjab during March 25-26, 2013.

Debabrata Mohanty, Research scholar:
1. Poster presentation entitled "Protocol for the preparation of seaweed liquid fertilizer (SLF) and their effect on vegetative growth and yield of two vegetable crops" in a National Seminar 'Golden jubilee Seminar' on Advances in Agriculture organized by Pallisiksha Bhavana, Sriniketan, Visva-Bharati during September 1-3, 2012. The poster was adjudged 4th position and awarded.
2. Oral presentation entitled "Preparation of liquid fertilizer from seaweeds of Chilika lake and its effect on the vegetative growth and yield of several crops” in a National Symposium on Fundamental and Applied Phycology organized by Department of Botany, Punjabi University, Patiala, Punjab during March 25-26, 2013. The above was judged as the best oral presentation.

Rajib Roychowdhury, Research scholar:


4. Poster Presentation- 'Agro-morphology, quality and osmotic stress tolerance based profiling of West Bengal traditional rices (Oryza sativa L.)’ by Rajib Roychowdhury, Joydip Karmakar, Amrita Paul, and Narottam Dey; National Seminar on "Recent advances in Rice Genomics & Biotechnology" jointly organized by Department of Biotechnology & Palli Siksha Bhavana, Visva-Bharati, West Bengal at 23rd - 24th March, 2013.

Joydip Karmakar, Research scholar:

1. Oral Paper Presentation- 'Abiotic stress tolerance linked marker assisted screening of some indigenous West Bengal rice (Oryza sativa L.) landraces with some physiological and biochemical screening' by Joydip Karmakar, Rajib Roychowdhury, Rup Kumar Kar, and Narottam Dey; National Conference on "Utilization of Plant & Microbial Resources” organized by Department of Botany (UGC-DRS, DST-FIST), Visva-Bharati, Santiniketan, West Bengal on 17th - 18th March, 2012.


3. Seminar on "100 years of Science" organized by West Bengal Department of Science and Technology (WB-DST) held at Saha Institute of Nuclear Physics (SINP) , Kolkata , West Bengal on 9th - 10th January, 2013.


5. Oral Presentation- 'Study of selected rice landraces in relation to abiotic stress tolerance' by Joydip Karmakar, Rajib Roychowdhury, Rup Kumar Kar, and Narottam Dey; National Seminar on "Recent advances in Rice Genomics & Biotechnology" jointly organized by Department of Biotechnology & Palli Siksha Bhavana, Visva-Bharati, West Bengal at 23rd - 24th March, 2013.

Showkat Ahmad Ganie

1. Poster presentation- 'Genotyping of Salt Tolerant Rice and its Wild Relatives using Microsatellite Markers spanning the saltol QTL located on Rice Chromosome 1’ by Showkat Ahmad Ganie, Rajib Roychowdhury, Joydip Karmakar, Tapan Mondal and Narottam Dey; National Conference on "Utilization of Plant & Microbial Resources” organized by
Department of Botany (UGC-DRS, DST-FIST), Visva-Bharati, Santiniketan, West Bengal at 17th - 18th March, 2012.

2. Attended an workshop on "Introductory Bioinformatics, its Applications and Genome Analysis" on 9th and 10th April, 2012 at National Institute of Cholera & Enteric Diseases, C.I.T. Road, Scheme-XM, Beliaghata,Kolkata- 700 010.

**Nisha Patwa, Research scholar:**
Participated in the Workshop on recent Developments in Chemistry sponsored by Indian Academy of Sciences at the Department of Chemistry, Visva-Bharati from 29th Nov. to 1dt December 2012.

**Nibedita Chakraborty, Research scholar:**
Participated in the Workshop on recent Developments in Chemistry sponsored by Indian Academy of Sciences at the Department of Chemistry, Visva-Bharati from 29th Nov. to 1st December 2012.

**Miss Pratibha Suku, M.Sc. semester I student:**
Participated in the sixth Benny Shilo Course of Developmental Biology organized by NCBS-TIFR, Bangalore.

Five M.Sc. Ist semester students- Pratibha Suku, Priyajit Banerjee, Samreen Fatima, Surbhi Kumari, Soumya Mishra and Pramita Garai: Participated the 100th annual session of Indian Science Congress at Kolkata from 3rd to 7th January 2013.

**Ongoing Research projects in the Department:**

**S.P. Adhikary, PI:**

1. Research project: "Molecular taxonomy of stress tolerant cyanobacteria and characterization of stress proteins and antioxidant defence systems in selected anhydrobiotes" sponsored by Department of Science and Technology, Govt. of India (2010-2013); Amount sanctioned: Rs.29,93,200/-

2. Lab-to-Land project entitled "Development of seaweed liquid fertilizer from seaweeds of Chilika lake for pulses and vegetable crops and entrepreneurshio development in rural areas" sponsored by Department of Science and Technology, Govt. of India, New Delhi, 2010-2013. The project implemented in the villages in the Bolpur block adapted by Palli Siksha Bhavana of Visva-Bharati and villages close to Chilika lake 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/-

3. 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; 2010-2013.

4. 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; Rs. 3 lakhs for contingency, Rs.2,40,000 fellowship to PI and Rs.1,84,800/- or Total 7.24 lakhs

**A. Ray, PI:**

1. Research project:“Screening and characterization of antimicrobial compound(s) from Ceriops decandra, a beneficial mangrove plant from Indian Sunderban Estuary; Sponsoring agency: UGC; (On going)

**Nilanjana Das, PI:**

1. DST -SERC fast track project entitled "Age- and reactive species-mediated modification of macromolecules and its physiological consequence in yeast (Saccharomyces cerevisiae)". Rs 18,76,600/-.

2. CSIR project entitled "Evaluation of age-associated alterations in anti-oxidative defence in Saccharomyces cerevisiae and its role in accumulation of oxidative stress" .Rs 28,24,820/-

3. UGC minor project entitled "A study on the probable reasons behind selective susceptibility of proteins to age and/or oxidative stress using bioinformatics tools" Rs. 1,20,000/-
4. Partial research support of Visva-Bharati for the project "A method for in situ estimation of protein amount in polyacrylamide gels" Rs. 2,370/-

J. Basak, PI:
1. DST-Fast Track Research project :cDNA-AFLP to identify differentially expressed genes in Vigna mungo upon inoculation with Mungbean yellow mosaic India virus; 24.3.2012-23.3.2015; Rs. 24 Lakhs
2. DBT, Govt. of India sponsored Research project: Identification and characterisation of Phaseolus vulgaris microRNAs differentially expressed in biotic stress condition by deep sequencing of small RNA transcriptomes; 01.07.2012-30.6.2015; Rs. 44.5 Lakhs

Narottam Dey,PI:
1. Research project: Biochemical and Molecular Profiling of West Bengal Folk Rice Germplasm with reference to Abiotic Stress Tolerance.; Department of Science and Technology, Govt. of West Bengal; Rs. 10,26,800/-
2. Research project: Allele Mining for Stress Tolerance in Traditional and Wild Relatives of Rice (Oryza sativa L.); University Grants Commission, New Delhi; Rs.8,99,300/-

S. Saha, PI:
1. UGC Research project: Therapeutic and immunomodulatory potential, and mechanism of action of Tinospora spp. against visceral leishmaniasis; (sanctioned on 5.3.2013 in the website of UGC); Rs. 13,18,800/-

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

i. Prof. S.P. Adhikary Organised workshop for farmers women self help groups and entrepreneurs on "Seaweed liquid fertilizer" at the DST-SEED Project extention site in village Manikati, Dist. Ganjam, Odisha on 14 & 15 February 2013; and at Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati on 19 & 20 November 2012.

ii. Dr. N. Dey Serving as N.S.S. Programme officer organised various NSS activities of Siksha Bhavana.

III. Study Tour of M. Sc students and Research scholars to IICB, Kolkata on Nov. 20, 2012 guided by all the teachers of the Department.

iv. Study tour of M. Sc students during Dec. 26-30, 2012 to Duaars, West Bengal accompanied by Dr. N. Das and Dr. N. Dey, Assistant Professor of the Department.

v. A National Seminar on 'Recent Advances in Rice Genomics and Biotechnology' was organised on 23-24th March, 2013, Jointly by the Department of Biotechnology, Siksha Bhavana, Santiniketan and Palli Siksha Bhavana, Sriniketan; Organising Secretary: Dr. N. Dey of the Department. Totally 120 persons comprising of 45 M. Sc students, 35 Research scholars and 3o scientists including the teaching faculty participated in the seminar.

vi. Prof. S.P. Adhikary Organised workshop for farmers women self help groups and entrepreneurs on "Seaweed liquid fertilizer" at the DST-SEED Project extention site in village Manikati, Dist. Ganjam, Odisha on 14 & 15 February 2013; and at Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati on 19 & 20 November 2012.

vii. Dr. S. Saha: Organised the cultural program for the National Seminar on 'Recent Advances in Rice Genomics and Biotechnology' at the Department on 23rd March, 2013

Academic distinctions gained by the Teachers/Scholars or the Department as a whole:

Academic distinctions:

1. Prof. S.P. Adhikary: Conferred "Professor Harihar Pattnaik memorial award in Environmental sciences (in the field of algology)" by Orissa Botanical Society at Ravenshaw University, Cuttack on 22nd December 2012.

2. Dr. N. Dey: Visiting scientist by Indian National Science Academy (INSA) and visited Central Agricultural Research Institute, Hungarian Academy of Sciences, Matoonvasar (Hungary) for 3 months in 2012.

3. Dr. N. Das: Selected in the INSA International Collaboration programme 2013 to Scotland for 4 weeks.
Academic assignments of the faculty at the National level:
1. S.P. Adhikary: Member of the judging committee of ICAR for "Jawaharlal Nehru Award for outstanding Doctoral thesis research in Agriculture and Allied Sciences, 2010" awarded in June 2012.
2. S.P. Adhikary: Member of the Research Advisory Committee of ICAR for the National Institute of Abiotic Stress Management, Malegaon, Maharashtra, 2012-13
4. S.P. Adhikary: Committee member of the NIMITEL Project on Biofuel from Marine microalgae of CSIR, New Delhi, 2012-2013.
5. S.P. Adhikary: Member of the judging committee of ICAR for "Swami Sahajananda Saraswati Outstanding Extension scientist award 2012"
6. S.P. Adhikary: Member of the selection committee as subject expert for selection of faculty positions in Life Science in 2012 and Environmental science in 2013 at the Central University, Jharkhand.
7. S.P. Adhikary: Visiting Professorship in Environmental science at the Sambalpur University, Odisha, 2013.
8. Member of Board of studies in Biotechnology at Utkal University, Bhubaneswar and Fakir Mohan University, Balasore, Odisha for 2012-2013.
9. S.P. Adhikary: Evaluated the Ph.D. thesis submitted to the following nine Universities for which I was the examiner during 2012-13: i. Central University, Hyderabad; (ii) Banaras Hindu University, Varanasi; (iii) University of Lucknow, Lucknow; (iv) Utkal University, Bhubaneswar, (v) University of Madras, Chennai, (vi) Kakatiya University, Warangal, Andhra Pradesh.
10. S.P. Adhikary: Reviewer of paper submitted to the following journals: (i) Gene (Elsevier); (ii) Photochemistry and Photobiology (Elsevier); (iii) Journal of Applied Phycology (Taylor & Francis); Phykos (Phycological Society of India); Seaweed research and Utilization Journal (Seaweed Research and Utilization Association); Arid Land Management (Elsevier); Journal of Astrobiology (Springer).
12. Dr. J. Basak: Resource person at the DBT sponsored workshop entitled "Application of Bioinformatics Tools & Techniques in Modern Biological Research" from 22nd -23rd March 2013, at the Orissa University of Agriculture and Technology, Bhubaneswar.
13. Dr. J. Basak: Resource person at the DBT sponsored workshop entitled "The Bar coding and PCR techniques" from 22nd Feb-24th Feb 2013, at the Tripura University.
14. Dr. S. Saha: Participated in UGC sponsored orientation program from June 23 to July 21, 2012 (obtained Grade A) conducted by Academic Staff College of University of Calcutta.

Publications within the year: April 2012-March 2013 (Text books/ Other books/ Monographs/ Research papers in peer reviewed journals: National/International:

**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 2011-12 and implemented from the academic year 2012-13 basing on the expertise of the 6 faculties of the centre, 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. Continuous assessment of the students through internal assessment of 20% of marks of each paper at both M.Sc, and Ph.D. course work level in practiced at the Department.

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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 program, 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 six permanent faculties with diverse field of specialization under Biotechnology. The syllabus is almost the same followed for Biotechnology course at the National level. The Department conducts VBRET (Research Eligibility test) for selection of candidates for Ph.D. course work followed by Ph.D. registration under the supervision of a teacher of the Department.
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, besides the yearly DBT-HRD grant for the course showing its potential for development in the years to come.

Any other relevant information, which in the opinion of the Head of the Department is worth-reporting should be included.
The Department was awarded DST-FIST support for infrastructure development including equipments from the year 2012 for 5 years.
Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations: Nil

Departmental Seminar:
Lecture Series: Lecture Series on various topics of basic concepts of Mathematics has been arranged for the students ranging from school students to P.G. Students.

Speakers, Topic(s) & Dates:
(i) Prof. M. K. Chakraborty, Former Professor, Department of Pure Mathematics, Calcutta University
   Topic: From set theory to numbers; Dates: 12.02.2013 & 13.02.2013
(ii) Prof. K. C. Chattopadhyay, Former Professor, Department of Pure Mathematics, Burdwan University Topics: (i) An elementary proof of fundamental theorem of algebra; Date: 12.03.2013 (ii) Equivalence of some fundamental properties of real numbers; Date: 26.03.2013
(iii) Dr. A. K. Bhuniya, Department of Mathematics, Visva-Bharati Topics: (i) On Quotient Structures; Dates: 26.02.2013 & 05.03.2013 (ii) On Foundations of geometry; Dates: 14.03.2013, 19.03.2013 & 21.03.2013

Publication of the Year:
Avijit Roy (Research Scholar):

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:
The Centre was created after the recommendation of the IX th Plan UGC Visiting team. Ph.D Research Programme on mathematical education is going on at the Centre. Ph.D Course work is also taught at the Centre. Apart from this Seminar/Conference/Extension Programmes/Invited Lectures are arranged at a regular interval. In future the Centre has plan to develop audio-visual teaching aids and to build virtual class-room teaching on some basic topics of mathematics by expert teachers.

Any other relevant information
After successful completion of Ph D Course-Work one Part-time Research student has been registered for doing Ph D work on "Identification of the causes of anxiety and phobia in mathematics among the students of secondary schools and evolving a strategy for minimizing the same"

Particulars in details of the Departmental Library:
Indian Journal of Mathematics Teaching: 35
Ganit Parikroma: 07
Ganit Prosar: 04
Total: 46
**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. None of the students have yet qualified in the NET/SLET or GATE.

**Departmental Seminar: Two**

(i) DST INSPIRE CAMP during December 10-14, 2012  
(ii) Seminar Lecture by Prof. Debashish Chowdhury, Dept. of Physics, IIT-Kanpur, March 26 2013.

**National and International standard Conference/Seminar/Workshop etc. Attended by the Teacher/Research Scholar**

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the Teacher/Research Scholar</th>
<th>Name of the Conference/Seminar etc. attended by the member</th>
<th>Venue and Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Dr. Susanta Ghosh</td>
<td>National Workshop on Recent Trend in Chemistry</td>
<td>Dept. of Chemistry, Visva-Bharati, November 29-December 1, 2012</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Mahasweta Nandi</td>
<td>1. National Workshop on Recent Trend in Chemistry</td>
<td>Dept. of Chemistry, Visva-Bharati,</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Umesh Kumar Singh</td>
<td>International Humboldt Kolleg (IHK-2013) on Management of Water, Energy and Bioresources in Changing Climate Regime: Environmental issues and Challenges.</td>
<td>JNU, New Delhi, Feb 8-9, 2013</td>
</tr>
</tbody>
</table>

**On-going Research Projects in the Department:**

<table>
<thead>
<tr>
<th>Name of the Investigator</th>
<th>Title of the project and duration</th>
<th>Amount sanctioned</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Subrata Sinha</td>
<td>Dye sensitized solar cell: photo-induced electron transfer in porphyrin based donor-acceptor dyads attached to nano-structured films for 3 years</td>
<td>Rs. 31,80,463.00</td>
<td>DAE-BRNS</td>
</tr>
</tbody>
</table>

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Extension activities organised by the department and participate 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) in the Second year class room at MCA building behind University Computer Centre.

Academic distinction gained by Teacher/Scholars or the Department as a whole:
Nil

Publications within the year April 2012- March 2013

<table>
<thead>
<tr>
<th>Year</th>
<th>Books / Books chapter Published</th>
<th>Papers published in Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>National</td>
</tr>
<tr>
<td>2012-13</td>
<td>NIL</td>
<td>01</td>
</tr>
</tbody>
</table>

Details of Publication

Subrata Sinha (Physics)

Mahasweta Nandi (Chemistry)
1. Highly porous activated carbon monoliths with exceptionally high CO2 storage capacity Mahasweta Nandi, Keisuke Okada, Arghya Dutta, Asim Bhaumik, Jun Maruyama and Hiroshi Uyama Chemical Communications 48 (2012) 10283-10285 (Selected for cover page)

Umesh Kumar Singh (Environmental Science)

Swapan Kumar Pandit (Mathematics)
Designing New Course/ Curriculum or any other teaching innovation introduced by the Department.

The course structure and ordinance of the Five-Year Integrated M. Sc. has been designed which has been approved by the Institute Board of Siksha Bhavana in its meeting held on 13th October 2012. Subsequently, the Academic Council (Siksha-Samiti) approved in its meeting held on 16th November 2012. This course has been designed by Visva-Bharati for attracting talented and motivated students who would opt for science education and research as a career goal.

The centre has also started the Ph.D. programme in Physics (Spectroscopy, High Energy Physics) Chemistry (Electrochemistry, Material Science), Environmental Science (Hydrology, Water & Soil Pollution), and Mathematics (Computational Fluid Dynamics).

As per DST-INSPIRE FELLOWSHIP guidelines, students will be sent to different national institutes and universities like IIT-Bombay, IIT-Delhi, IIT-Guwahati, IIT-Chennai, IIT Kharagpur, and TIFR, Mumbai 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:

Umesh Kumar Singh:
Participated in 21st Refresher course in Environmental sciences at Academic Staff College, The University of Burdwan, during 22nd September to 12th October 2012.

Particulars in details of the Department Library:

a. Area in (Sq. Meters) quoted for the library: Nil; At present the departmental building is under construction at the new Siksha-Bhavana Complex in Andrews Pally, Santiniketan.
b. Is there separate provision for Reading room: No
c. Total no of books: 250
d. Total No of books purchased during the year: 78
e. Total No. of periodicals: Nil
f. Total No. of periodicals purchased during the year: Nil
g. Total No. of readers: 40
h. Total number of Books and Periodicals issued: 100
i. Total No. of Staff members: Nil
KALA-BHAVANA
(Institute Of Fine Arts)

Kala Bhavana- a brief introduction
Kala Bhavana is a premiere institute of visual art and design. Since its inception it has always played significant role in developing new ideas in the education of modern art in India. Rabindranath Tagore, Nandalal Bose, Benodebihari Mukherjee and Ramkinkar Baij had contributed richly to its artistic heritage with their creative excellence. Their international fame as artists of this institute has always attracted a lot of scholars and students from all over the world to come and study in Kala Bhavana. Currently Kala Bhavana has students, visiting artists and scholars coming from France, Korea, Thailand, Japan, China, Bangladesh, Mauritius and Srilanka apart from all corners of India. The last academic year saw, as always a variety of events of academic and artistic interest organized by students and staff of Kala Bhavana. There were a number of workshops, lectures, seminars, exhibitions and cultural programmes with participation of eminent artists, scholars, faculty members and students of Kala Bhavana. The students and faculty members of this institute participated in numerous exhibitions, workshops, seminars, at National and International level. Many achieved distinctions, awards, and fellowships, like Junior Research Fellowship, UGC(NET), National Scholarship from Lalit Kala Akademi, foreign scholarships etc. During the past year the Bhavana organized lecture demonstration workshops in various departments. Nandan Mela, to celebrate the Birthday of Nandalal Bose, was organised with great success. Navin Baran was celebrated with great fanfare to welcome the newcomers. The final examinations were completed successfully in the month of May preceding the summer vacation.

DEPARTMENT OF DESIGN

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 Pottery Design. Besides these two major courses, there are also the courses e.g. two years Certificate course in Design, One Year Foreign Casual Course in Design, and One Year Indian Casual Course in Design, offered under the same roof of the Design Department. In this year, the Department changes its academic syllabus in the Degree/Diploma, MFA/Advance Diploma level, keeping in view of the introducing of the semester system of courses and specially the incorporation of the Glass as a medium in the Ceramic Design Courses. The Department has a panel of expert teachers who have established themselves in their respective field of specializations with their outstanding creative performances. Ultimately the academic session of 2012-2013, has ended satisfactorily.

As like every year, Department has also organize Nandan Mela with active participation of the teachers and students with their works on the occasion of birth anniversary of Acharya Nandalal Bose, successfully. Beside, the schedule academic activities, the students have also participated in different workshops/Exhibitions, both indigenous and abroad.

The Department of Design, doing the silent task as the appropriate venue for certain courses which are not, provably offered in the Art Colleges elsewhere, such as courses in organic and traditional materials. The Department of Design is playing an important role in the contemporary creative activities in the field of Textile Design and Ceramic Design in the vibrant global market.

However, few important activities of the Department, apart from the academic activities may be mentioning worthily here e.g.

- Organizing lecture cum demonstration on "Ceramics in throwing technique" by a renowned Japnic Artist Mrs. Midoree, Sept, 2012.
Organizing Inter Disciplinary Art Activities Workshop on "Kalam Kari and Vegetable Dyes", Nov, 2012.
Organizing Slide presentation cum lecture demonstration by a Mexican renowned Artist Mrs. Paloma, Jan, 2013.
Organizing workshop cum lecture demonstration on "Glass Ceramic" for two days by Prof. Sisir Sahana, Feb, 2013.
Apart from these the Department also organized many activities, like, floor and stage decorations in the event of different festivals and Dramas.
Moreover, it is mentioned worthily that a French Student has joined in Master Degree Course of Textile Design as the candidate of the event of Inter-exchange academic programme in Semester Level, in this current academic year in the Department (Jan to Jun, 2013).

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

Departmental Seminar (Speaker, Title of the Seminar) Should be National and International standard, Conference/Seminar/Workshop/Exhibition etc. attended by Teacher/Research scholars in details.

Sisir Sahana
2) Participated in a group show "flavors of Hyderabad" in January 2012.
3) Flame working workshop in glass in the Design department, Kala Bhavana in March.

Goutam Kumar Das
1) Invited to participate Indo Bongo (150th Rabindranath birth anniversary) International workshop at EZCC, Organized by Ministry of Culture Govt. of India, 2012.
2) Invited to participate in International workshop exhibition and festival at Namisiom Island, South Korea, September.
3) Visit Songhai University, China, 2012.
4) Invited to participate in International exhibition and cultural festival at the National Art Gallery, organized by the Indo Srilanka foundation at Colombo, Sri Lanka, October-2012.
5) Invited to participate 27th Asian International Art exhibition, organized by the Ministry of Culture Thailand, January-2013
6) Invited to participate an International Exhibition at Silpakorn University, Thailand-January 2013.
7) Invited to participate in the 9th Phochang International Art Festival, Workshop & Exhibition organized by The Raja Mangala University, Thailand-2013.
8) Participate in the 1st International workshop, presentation & exhibition organized by The Naresuan University, Thailand-2013.
9) My work published in International Design Trend, South Korea -2012.
10) My work published in International Design Trend, Malaysia-2013.
11) British Council invited for the Meeting to discuss their five years Art & culture Activities program at Kolkata, 2013.

Prasun Kanti Bhattacharya
1) Invited as a Foreign Guest Professor for two weeks, in the "Art and Design" Faculty, for Seminar, Workshop, & Lecture Demonstration at Naresuan University, Thailand.
2) Lecture on Art & Design along with Video Presentation of my Art Works at Naresuan University, Thailand.
3) A Paper presented in seminar -"An Avant Garde and Nationalist Movement in India", along with video projection of slides of their Art Works with analytical discussion at Naresuan University, Thailand.
4) Lecture on Indian Traditional Textile Art in a seminar at Naresuan University, Thailand. The video projection of Indian Contemporary Fibre Art also presented in the same discussion.

Debashish Mahalanobish
1) Participated in the National level seminar and presented paper on 'Craft Tourism: scope for sustainable livelihood of
Ch-II

1) Published four works in an International Book Catalogue "KSDT" (Korer Society of Design Trends) held on 2013 Feb. 21th (Thu) to 25th (mon) at the International Design International Exhibition, Malaysia Art Gallery.


3) Participated in "TOGETHER" - an exhibition of Paintings, Prints, Ceramics & Sculptures by Artists from Delhi, from 25th Nov. to 1st Dec. 2012, at LKA Galleries, New Delhi.


5) Participated in "Akhil Bharatiya (ceramic) Mati Pradarshani "at Bharat Bhavan, Bhopal on 15th February to 5th March.

Madi Linda
Assistant Professor of ceramic, Department of Design


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DEPARTMENT OF SCULPTURE

Departmental seminar/Workshop (Speakers, Title of the Seminar, Date)
Lecture Demonstration and workshop (with Sculpture students) of Rubber Mould technique by Sculptor Sri Tapan Kumar Das from Indian Museum, Kolkata from 7-12th February 2013
Only International Standard conference/seminar/workshop exhibition etc. attended by teachers/research scholars in Detail
a) Sculpture students participated on a Sound Sculpture Project conducted by Italian Sculptor Bettino Francini from 5-19th March 2013
b) Ms. Paloma Torres Estrada, an artist from Mexico pursued research and allied activities with some selected senior students of the Department followed by a presentation and talk on her work and contemporary Mexican Sculpture.

Pankaj Panwar
Professor, Dept. of Sculpture Workshop/symposium:
Invited participation
- Bangladesh - Santiniketan Artists workshop, organized by ICCR, Santiniketan.
- International Workshop on Printmaking with Thai, Chinese and Korean Artists at SSVAD, Santiniketan.
- Lecture Demonstration & conducted sculpture workshop at Doon School, Dehradun.
- National Scrap welding Sculpture workshop, Govt. of Hyderabad, Andhra Pradesh.
- 1st International Art Festival & workshop, Narishuan University, Thailand
- 9th International Art Festival & workshop, Poh-Chang Academy of Arts, Rajamangala University, Bangkok, Thailand.

Exhibitions:
- All India Art Exhibition, Academy of Fine Arts, Kolkata.
- "Celebration 2013 Kolkata" an Art Exhibition/Workshop/Seminar/Music/Film, at ICCR, Kolkata
- Delhi Art Summit 2013 (International Art Exhibition), Ganges Art Gallery.
- Contemporary Indian Art Exhibition, at the Danish Embassy, New Delhi.

Others:
- Member of the Jury, Annual All India Visual Art Exhibition, Academy of Fine Arts, Kolkata.
- Curated Sculpture Exhibition organized by Gallery Ganges, at ICCR, Kolkata.

Sumitabha Pal
Associate Professor
Invited Participation:
- International Workshop on Printmaking with Thai, Chinese and Korean Artists at SSVAD, Santiniketan, September 2012.
- Participated ECA Art Fair, organized by Emami Chisel Art, Kolkata, from 2nd - 4th November 2012.
- "CREATIVE CONFLUENCE” an Indian participation in Sculpture category for the 15th Asian Art Biennale, at Dhaka, Bangladesh from 1st to 31st Dec. 2012.
- "Celebration 2013 Kolkata” an Art Exhibition/Workshop/Seminar/Music/Film, from 30th March to 12th April 2013 at Rabindranath Tagore Centre, ICCR, Kolkata, organized by Prof. Dhiraj Choudhury collaboration with ICCR, Kolkata.

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Others:
- Members of the Expert Selection Committee as a Jury for Awarding Scholarship to the upcoming artists, for the Year 2012-13, at Lalit Kala Akademi, Rabindra Bhavan, under Ministry of Culture, Govt. of India, New Delhi.

Sutanu Chatterjee
Associate Professor

Participation in Workshops/Exhibitions
- Invited participation in National Sculpture camp (Stone) at J.J. School of Art, Mumbai. Organized by Lalit Kala Akademi, New Delhi. February, 2013
- Environmental sculptural Project using Recycled Scrap Equipment of Satyajit Ray Film & television Institute (SRFTI), Kolkata, for beautification of SRFTI campus (Installed Two Sculptures). January, 2013.
- Invited to an Interactive Seminar and Lecture on 'Sushen Ghosh and his works'. Sponsored by UGC. Organized by Government College of Art & Craft, Calcutta.- 8th September- 2012
- Invited for visit the SRFTI to inspect the equipment scrap materials and advise them on the scope of the project for beautification.-September, 2012.
- Nepal-Santiniketan International One Day Painting workshop at Kala Bhavana,Santiniketan.- January, 2013
- "Celebration 2013 Kolkata" an Art Exhibition/Workshop/Seminar/Music/Film, from 30th March to 12th April 2013 at Rabindranath Tagore Centre, ICCR, Kolkata, organized by Prof. Dhiraj Choudhury collaboration with ICCR, Kolkata.

Others:

Rishi Barua
Assistant Professor

Participation in Workshops/Exhibitions
- National Level Sculpture workshop at Silparamam, Hyderabad, organized by Dept. of Tourism., Govt. of Andhra Pradesh. August 2012
- International Workshop on Printmaking with Thai, Chinese and Korean Artists at SSVAD, Santiniketan, September 2012
- 9th International Art Workshop at Rajamangala University of Technology, Bangkok, Thailand followed by Art Exhibition at Poh Chang Academy of Art, Rattanakosin, Bangkok.
- 1st International Art Camp at Naresuan University, Thailand, followed by Art Exhibition with 100 International Artists at Phitsanulok, Thailand.
- Group Show at ICCR. Called 'Celebration 2013 Kolkata', sponsored by ICCR, Kolkata.

Kamal Dhar
Assistant Professor

- Completed life size Marble statue (Size- 6.3ft.) of Sri Satya Sai, for "Sri Satya Sai Foundation", Bangalore.
Amit Kumar Dhara  
Assistant professor  
- Nepal - Santiniketan International One Day Painting workshop, January, 2013 at Kala-Bhavana, Santiniketan.  

Lawanshaibha Kharmawlong  
Assistant Professor  
- Participated in National Exhibition, organized by Lalit Kala Akademi, New Delhi, at Agartala, Tripura.-January-2013.  
- Supervising departmental Multimedia Sculptural Workshop conducting by International Visiting Artist - Bettino Francini.  
- Supervising Rubber Mould & casting method workshop conducted by Sculptor Sri Tapan Kumar Das from Indian Musium, Kolkata.  

Ongoing Research projects  
Bronze Casting of Gandhi Relief for Indira Gandhi National Centre for Arts, New Delhi.  

Extension activities  
a) Ms. Paloma Torres Estrada, an artist from Mexico pursued research and allied activities with some selected senior students of the Department followed by a presentation and talk on her work and contemporary Mexican Sculpture.  
b) Sculpture students participated on a Sound Sculpture Project conducted by Italian Sculptor Bettino Francini from 5th-19th March 2013  

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 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.
DEPARTMENT OF PAINTING

Student qualified for UGC/CSIR/NET/SLET & GATE Examination - 02

Departmental seminar/Workshop


b) Presentation on Traditional & Contemporary Sara & Pat Painting of Bangladesh by Prof. Nissar Hussain (Department of painting, Dhaka Charukala Parisad, Dhaka University, Bangladesh. All Painting department teachers & Students participated.

c) 'We were trying to make sense...' Exploring socially engaged art practices. A presentation by Magda Fabianczyk, Polish artist/Curator, 31.01.13. All Painting department teachers & Students participated Coordinated by Sanchayan Ghosh

d) Presentation on Contemporary New Media and Interactive Art by Jesper Alvaer from Norway and Isabela Grosseova from Prague on 15th February 2013. All Painting department teachers & Students participated. Coordinated by Dharitri Boro

e) Contemporary Performance Art in Japan a presentation by Sheiiji shi不同程度, renowned Japanese Performance Art artist from Japan in Department of Painting, Kala Bhavana, 2012. All Painting department teachers & Students participated. Coordinated by Sanchayan Ghosh

f) Performance art Demonstration by Sheiji Shimodo renowned Japanese Performance Art artist from Japan

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

Nandadulal Mukherjee:

Dilip Mitra:
1. Participated Indo - Bangladesh eminent Artist Workshop, at EZCC organized by Ministry of culture - 2012
2. Participated as a Resource Person, UGC- Sponsored Workshop on Natural Dye Painting organized by Govt college of art & craft, Kolkata - 2012
3. "Art in Santiniketan-to-day" a group show curated by Pranab Ranjan Roy, organised by Pegasus art gallery and Santiniketan art hub, part-I at the state art gallery, Hyderabad And part-II at Salarjung Museum, Hyderabad

Sitanshu Mukhopadhyay:

Sanchayan Ghosh:
1. BorderLands, An ongoing Research and Workshop based art activity in collaboration with Anshuman DasGupta (pursuing PhD, Goldsmith UK) on the notion of territory in Enclaves of North East India, 2012-13
2. Presented Audio Visual presentation on Socially Engaged Art Practise in India, at School of Fine Arts, Mahatma Gandhi Institute (MGI), Moka, Mauritius, 17th October 2012
3. The Mahatma Gandhi(MGI), Mauritius invited as a International Visiting Faculty for period of 6 weeks, from 15 September 2012 to 31st October 2012 at the School of Fine Arts to teach the following modules of MA Visual Arts programme:-
MVA 5113 - Interdisciplinary Studio Practicum II
MVA 5217 - Critical Issues in Contemporary Art II
FINA 4112 - Painting - Experimental Studio I
4. Conducted workshop on Handmade paper making from natural fibre with MVA students of School of Fine Arts, Mahatma Gandhi Institute (MGI), Mauritius, 2012
5. Participated as an Invited Artist in International Art Event, Kochi-Muziris Biennale, organised for the first time in India in Kochi, 12/12/12 to 13/03/13
6. Incomplete Circles: Invisible Voices, Conducted a workshop Community based sound Art project and a Site specific Installation in Kochi as part of the Kochi-Muziris Biennale, India 12/12/12
7. Participated in the Homelands: Round Table Session on the closing day of the International Art Exhibition, Homelands at The Harrington Street Art Centre, Kolkata, to brainstorm five-year arts strategy, organised by British Council Kolkata on 14th March, 2013
8. Organised and participated in the Workshop with Nine MFA students Kala Bhavana from Shantiniketan, led by Dr. Anthony Haughey (artist and lecturer/researcher in the School of Media at the Dublin Institute of Technology, Dublin, Ireland) as part of the International Exhibition: Homelands, based on the Art collection of British Council UK, curated by Latika Gupta, New Delhi, 3rd March, 2013

Arghya Priya Majumder:
1. Participated Indo-Bangladesh eminent Artist Workshop, at EZCC organized by Ministry of Culture-2012.
2. Participant & Exhibited painting at Emami Chisel Art Fair, Kolkata, 2nd to 4th Nov 2012.
3. "Art in Santiniketan to-day" a group show curated by Pranab Ranjan Roy, organised by Pegasus art gallery and Santiniketan art hub, part-I at the state art gallery, Hyderabad Part -II at Salarjung Museum, Hyderabad 2012

Ambarish Nandan:
1. Participated in an International art show (Life on Wall) organized by Art family. At Birla academi, Kolkata, from 26th December 2012.
2. Participated in 4th State level art workshop (Painting) 2 days at Bengal Fine Arts college, Chandpara, West Bengal, 2012.
3. Participated in the National Level workshop on "Eco friendly printing with natural Dye" organized by Department of Silpa Sadana, Visva Bharati. 8-9th December 2012.
4. Participant & Exhibited painting at Emami Chisel Art Fair, Kolkata, 2nd to 4th Nov 2012.

Prasanta Sahu:
2013 - "100 Years of Indian Cinema" - a group show at Sarjan art gallery, Vadodara.
2013 - "Confluence des Arts" - A group show at art chill, Jaipur
2013 - "Modern and Contemporary Indian art Spring auction" - 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.
2012 - "Diverse Palette", - A group show at Exhibition Hall, Faculty of Fine Arts; M.S. University, Vadodara.
2012 - "art in Santiniketan to-day" - A group show curated by Pranab Ranjan Roy, organised by Pegasus art gallery and Santiniketan art hub, part-I at the state art gallery, Hyderabad And part -II at Salarjung Museum, Hyderabad 2012.
2012 - "Beneath the black", a group show at Gandhara art gallery, Kolkata
2012 - Emamichisel Art (ECA) Fair which held on 2nd to 4th November 2012 at Emamichisel Art Gallery, Kolkata.

Workshop:
2013 "Marve Camp" - at Mudh Island, Mumbai, organized by Vickram Sethi & Harsh Goenka.
2012 Art camp in Jaipur, Rajasthan, at samode palace, organized by Ganges art gallery, kolkata
2012 Art camp with Indo-Bangladesh artists, part of Joint Celebrations (CUP) to commemorate the 150th Birth Anniversary of Rabindranath Tagore. Organised by Ministry of Culture, Government of India.

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Rajarshi Biswas:
1. 'Emerging artists' an online show organized by gallery Artalive, New Delhi, 2013.

Sk. Sahajahan
GROUP SHOW:
1. Annual Group Show at 'The visual Arts Gallery, Habitat Center, Lodhi road, New Delhi, organized by Chowla Art Gallery, on 11th to 30th april 2012.
2. A group show for Paritosh Sen memory, named 'As a tribute to the man & The Artist, Organized by The Harrington street Arts Center, Kolkata, on 28th September to 20th October 2012.
3. "Art in Santiniketan-To-Day" by eminent & up coming artists from Santiniketan organized by Pegasus art gallery & Santiniketan Art Hub, on 16th march 2012 at State Art Gallery, Hyderabad.
4. "Art in Santiniketan-To-Day" held at "SALAR JUNG MUSEUM", Ministry of Culture, Government of India, Hyderabad from 18th to 25th April 2012 on the occasion of "World Heritage Week".

International Group Exhibition

Participating Art Fair
Emami chisel Art (ECA) Fair which held on 2nd to 4th November 2012 at Emami chisel Art Gallery, Kolkata.

Dharitri Boro

On going research Projects in the department

<table>
<thead>
<tr>
<th>Research projects</th>
<th>Duration</th>
<th>Name of the Teacher</th>
<th>Sponsoring Agencies</th>
<th>Amount</th>
<th>Proposed amount for continuing the project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research documentation of Art and Architecture in Fort Cochin, Kochi, Kerala</td>
<td>2012</td>
<td>Coordinated by Sanchayan Ghosh</td>
<td>None</td>
<td>Self funded</td>
<td></td>
</tr>
<tr>
<td>Digitization of documents of Technique of Kerala Murals In Painting Department, Kala Bavana</td>
<td>2013</td>
<td>Prof.Nandadulal Mukherjee</td>
<td>None</td>
<td>Self funded</td>
<td></td>
</tr>
</tbody>
</table>

Extension activities
- A project by the Painting Dept. on paper making exploring the Fibers of local plant & trees, November 2012.
- Laquar toy making workshop
- Sara painting workshop
- Enamel painting workshop

Annual Report 2012-13
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 initiated by Nandalal Bose is one of the most important centres of Modern art practice in India established as an alternative academic art center during the age of Victorian academism in the colonial rule. 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 of calligraphy, scroll painting, Indian miniature and various other mural techniques are being introduced to the students. New thoughts and ideas of contemporary discourses are introduced in the academic activity in the department that evolved into an unique eclectic practice of art teaching.

In the last ninety years the Department has not only emerged as a premiere centre of artistic innovations but also evolved as a new platform for contemporary art keeping close contact with the change in the global art phenomenon.

In the last two decades 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 into new systems of sign making deriving methods from the constantly expanding domain of heterogenic cultural encounters. In this respect the department is also adopting and implementing new methods of art teaching giving focus to inter-disciplinary art activity in reference to a critical approach to methods and ideas. This intermingling of the new methods and materials like new media has created a new environment in the department which is generating dynamic experiments and innovative practices.

In this respect 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 Poland, Norway, Czech Republic, Japan, Bangladesh visited the Department and shared their experience with the students & faculty members. The present focus of the department is to generate an environment of critical investigation into multiple forms of visual application and provide opportunities to engage in innovative experimentations to reflect new areas of artistic expression.
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.GOVT OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .

Publication :
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 aligrh, 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 Bardhhaman -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.GOVT 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, Bhubaneshwar.-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.GOVT OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN,VISVA BHARATI 2012 .

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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
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.

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. GOVT 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. GOVT OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN, VISVA BHARATI 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.
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.

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
3. PRINTMAKING CAMP, organized jointly by ART, CULTURE & YOUTH DEPT. GOVT OF BIHAR AND DEPT OF GRAPHIC ART, KALA BHAVANA, SANTINIKETAN, VISVA BHARATI 2012
Ch-II

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 .
   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

No. of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations: 01 (UGC-NET)

Departmental Seminar (Speakers, Title of the Seminar, Date), Lecture: XXXX

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

R. Siva Kumar
1. Presented paper, 'From Meaning to Presence: Rabindranath's emergence as a painter', Seminar on Rabindranath
   Department of Cognitive Science, Jadavpur University, Kolkata, 9th April 2012.
3. Gallery Talk on Ramkinkar Baj, NGMA, Delhi, 22nd April 2012
4. Talk on Rabindranath and Modern Art, on the occasion of International Museums Day, Indian Museum, Kolkata 18th
   May 2012
5. 'Ramkinar, Santiniketan and His Tryst with Modernism', National Gallery of Modern Art, Bangalore, June 17th 2012.
6. 'Rabindranath's Encounters with Modern Art and his Emergence as a Painter,' Coomarasawamy Memorial Lecture
   organized by the National Lalit Kala Akademi, at Jaipur Kala Kendra, 22nd Aug. 2012.
7. 'Art Pedagogy in Santiniketan' paper presented at SublimeExpressions: The Art Conclave, The International Centre
   Goa, 3rd and 4th October 2012.
8. 'Ramkinar, Santiniketan and His Tryst with Modernism', National Gallery of Modern Art, Mumbai 8th November 2012
9. Panel Discussion on The Anxious Artist Today, organized by the Guild Gallery and Mohile Parikh Centre, Mumbai
   9th November 2012.
10. 'Rabindranath and Art education at Santiniketan’, Dhaka University, 12th January 2013.
12. 'From Meaning to Presence: Rabindranath's Emergence as a Painter', Bengal Foundation, Dhaka 18th Jan 2013.
13. 'Rabindranath’s Photographic Self-presentations and Imagining of the Body in his Paintings’, 4th DRS International
    Conference, Department of English and other Modern European Languages, Santiniketan 18 and 19th February 2013.
14. 'Rabindranath's Letters from Japan to Artists', presented at the international seminar on 'A Man of Letters: Rabindranath
    Tagore and his Epistles, Rabindra Bhavana, Saniniketan, 14-15March 2013.
15. 'On Nilima Sheikh', Gallery Espace, New Delhi, March 16th 2013.
16. 'From Meaning to Presence: Rabindranath's Emergence as a Painter', Faculty of Fine Arts, M S University, Vadodara,
    18th March 2013.

Soumik Nandy Majumdar
1. 'Receiving Art: Children as viewers' - paper presented at Sublime Expressions: The Art Conclave, The International
   Centre Goa, 3rd and 4th October 2012.
2. 'Looking at Art: Art Appreciation for children' - a talk at Art Initiatives Series -11, The International Centre Goa, 5th
   October 2012.
3. Two lectures on 'Modern Western Art', -- part of Art Appreciation programme, Pashchimbanga Charukala Parshad,
   Kolkata, 19th and 20th November, 2012.
4. 'Art of Benode Behari Mukherjee' - a presentation at Ramkrishna Mission Institute of Culture, Kolkata,

Sanjoy Kumar Mallik
1. Three day lecture series on Traditional Idioms in Early Modern Art: Case Studies - Abanindranath Tagore, Gaganendranath
   Tagore, Nandalal Bose, Benode Behari Mukherjee, Ramkinkar Baj, Jamini Roy, Rabindranath Tagore as part of their
   course titled 'Modern and Contemporary Indian Art History-1850-2011', Bhau Daji Lad Museum, Mumbai, 15th -
   17th March 2013
2. Presentation on the artist's oeuvre and a curatorial walk in the galleries in association with the curated exhibition "Gopal Ghose/a jubilant quest for the chromatic", NGMA, New Delhi, 15th & 16th January 2013
3. Presentation introducing two curated exhibition projects - (a) "Chittaprosad" (DAG, New Delhi) & (b) "Gopal Ghose" (NGMA, New Delhi) at the SN School of Arts & Comunication, Hyderabad Central University, Hyderabat, 14th March 2013
4. Presentation introducing the curated exhibition project "Chittaprosad" at DAG, New Delhi at the Bhau Daji Lad Museum, Mumbai, 17th March 2013

Syed Parvez Kabir
3. Worked as an Executive resource person behind a photo mural executed by a team of five Artists at the Kochi Muziris Biennale, curated by Bose Krishnamachari and Riyas Komu, 22-27th March 2013.

Academic distinction
R. Siva Kumar
1. Curated the exhibition 'The Last Harvest: Paintings of Rabindranath Tagore' commissioned by the ministry of culture, Government of India opened at the NGMA Delhi on the 19th of Nov. 2012.
3. Felicitated with a plaque of special honour by the Dhaka University Jan 2013

Publications within the year April 2011 to March 2012
R. Siva Kumar
Books:

Article:
4. Preface to Between Darkness and Magic: Examining the Kerala Metaphor , CIMA Gallery, Kolkata, 7th Dec 2012 to 5th Jan 2013
5. 'A Celebration of this Oddly Mixed-up Scene', introduction to K G Subramanyan exhibition at the Focus Gallery, Chennai, Jan 2013.

Soumik Nandy Majumdar
Books:
'In touch with the real - the art of Rafiqun Nabi' - a book co-authored with Syed Azizul Huq, published by Dhaka Art Centre, Dhaka, Bangladesh, 2013

Papers:

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Sanjoy Kumar Mallik
Book:
“Gopal Ghose/ a jubilant quest for the chromatic” - NGMA (New Delhi) & Akar Prakar (Kolkata) with MAPIN Publishers (Ahmedabad), 2013 [ISBN 978-81-8995-78-2(Mapin) & 978-1-935677-37-6 (Grantha Corporation, USA)]
(Supported by two complementary booklets on sketchbooks by the artist)

Articles:

Parvez Kabir
1. Essay: "Reading Robot" in Art & Deal, Issue no. 50/ Vol.8/No 20/ August 2012

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.
NANDAN, KALA BHAVANA MUSEUM

- Digitization/Documentation of Art Object : 3148 Nos.
- Accession & Documentation of Art Object : 1536 Nos.
- Conservation Related work of Art Objects
  - (a) Curative Conservation : 001 No.
  - (b) Insecticidal & Fungicidal treatment : 333 Nos.
  - (c) Mounting with Acid free mount board : 353 Nos.
  - (d) Condition Assessment of Art Object : 014 Nos.

- Curator, Kala Bhavana was invited as a speaker in an International Conference on the Occasion of 150th birth anniversary of Rabindranath Tagore in Colombo, Sri Lanka - organized by ICCR, New Delhi & Indian Embassy in Sri Lanka on 11-12th June, 2012.

- Distinguished Visitors
  1. Mrs. Yuriko, Japan
  2. Ms. Yamamoto, Japan
  3. Mrs. Sujata Chowhan, MHRD, Delhi
  4. Mayor, Sakura city, Japan
  5. Mr. Shizno Tsunoda, Curator, Kampo Arai Museum, Japan
  6. Dr. Ashok Das & Shyamali Das, Kolkata
  7. Secretary, Atomic Energy, Delhi
  8. Ms. Lekha Sarkar, Schweizer Radio
  9. Mr. Ashis Anand, Delhi Art Gallery, Delhi
  10. Mr. Martin de Rooij, Heidelberg, Germany
  11. Ms. Regina Bittner, Bauhaus- Dessau, Germany

- Exhibition & Other activities at Nandan Gallery, Kala Bhavana Museum
  2. Exhibition of recent photographs, Siksha Bhavana students 13th September, 2012.
  5. Exhibition of Etching prints, Teachers & Staff, Kala Bhavana 29th November, 2012.
SANGIT BHAVANA

SANGIT-BHAVANA : AN INTRODUCTION

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 acquainted with stage performance and become individual performers in later life. This is also considered as an essential aspect which uplifts the traditional idea of Tagore which has become absolutely essential for the entire country at present.

It’s Achievements

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.

ACHIEVEMENTS AND HERITAGE OF THE DEPT. OF HINDUSTHANI CLASSICAL MUSIC (VOCAL & INSTRUMENTAL)

Gurudev Rabindra Nath Tagore, in his education system, had introduced Music & Dance as compulsory subject in academic curriculum since the inception of 'BrahmaVidyalaya' at Santiniketan in 1901. From that time Brahma Sangit and Rabindra Sangit were taught to the students. The renowned poet, Ajit Chakraborty took charge to teach the students Brahma Sangit. Dinendra Nath Tagore, Rabindra Nath’s nephew, trained them in Rabindra Sangit. Sometimes, Guru Dev himself taught the students. After a few years he realized that without the training of Hindusthani Classical Music, the students can never learn music properly. Moreover, Guru Dev himself hailed from such an illustrious family of Jorasanko at Kolkata, where Hindusthani Classical Music was compulsorily taught to every member of Tagore family. In this connection, the Bengali Dhrupad maestros, Visnu Chakravorty (1804-1900 A.D.) and Jadu Bhatta (1840-1933 A.D.) and later other Ustads were appointed to train up the youngsters and youth of this family in Hindusthani Classical Music. Guru Dev, out of love and respect for Hindusthani Music, also appointed Bhimrao Hasalkar, a Marathi Ustad, for Brahma Vidyalay, Santiniketan. After 5 years, in 1919, Nakuleswar Goswami of Visnupur Gharana, a close relative of Kshetramohan Goswami was appointed to train up the Boys in Hindusthani Classical Music. Latter Gurudev built a separate Music department named 'Gandharva Bhavana' better known as Sangit-Bhavana in 1933 where Dance was also included. The Manipuri Dancer Buddhi Monta Singha, originally from Tripura, was called by Gurudev from Jorasanko to train up the boys and girls.

Since then, the Institute of music, Sangit-Bhavana, has been imparting training to its students in particularly in three different streams i.e., Rabindra Sangit, Hindusthani Classical Vocal, Instrumental and Percussion Music & also Kathakali and Manipuri Dance. We take pride that under the guidance of our sincere and learned teachers many boys & girls has obtained National Scholarships, National Fellowships, Doctoral Degrees, Distinguished positions in different Music competitions of National level and are serving as teachers in Musical Institutions all over India.

No. of students qualified in UGC/CSIR/NET/SLET and GATE Examinations. - 09

Departmental Seminar (Speakers, Title of the Seminar, Date).
Conference/Seminar/Workshop/Exhibition etc. attended by the Teachers/Research Scholars in details;
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T.S.Vasuni

Kaberi Kar
1. Presented solo classical vocal (Dhrupad) at Azad Bhavana Auditorium, New Delhi organized by ICCR on April, 2012.
2. Gave interview with demonstration on D.D.Bharati channel telecast from Delhi Doordarshan on the topic " Mahila Dhrupad Gayikaon Ka Samgam" at Bhupal From 4th July to 7th July, 2012 organized the seminar by international school at Dhrupad "Dhrupad Samsthan" Bhupal
4. Performed at two day's national seminar organized by (IGNCA) Indra Gandhi National Cultural Academis at Delhi on 28th July 12.
5. Performed solo perogramme on the memory at Ustad R.F Dagar at I.C.C.R Kolkata on 16th September, 2012
7. Joined as a Resource person in the workshop organized by "Pamaga Naidu College of Music under Burdwan University
8. Received honour as a senior most female Dhrupad Singer of India from Rajasthanch Sangit Academy at Jaipur on December 14th 2012.

Sabyasachi Sarkhel:
I) Visited Mauritius, delivered lecture demonstration & conducted workshops in the Department of Performing Arts at Mahatma Gandhi Institute, University of Mauritius From 3rd to 16th June'2012.
III) Performed Sitar recital at Door-darshan(DD Bangla) on 28.08.2012.
IV) Published one article named "Amar Guru Sangitacharya DhrubaTara Joshi" on Lok Bharati Patrika, July-September'2012 (ISSN No 2277-5889).
V) Attended Akashvani Sangeet Sammelan,2012 held on 29th September'2012 at Gitanjali, Santiniketan.

Smt. Basavi Mukerji:
1) Performed Khayals for AIR, Delhi. (2). Participated as observer at International Seminar on Folk Classical Music of Asia at Delhi University, Delhi. (3). Performed as Solo artiste at Thumri Festival of ICCR at Varanasi.

Buddhadev Das
18/07/2012 TV Recording in Esraj Solo recital at Santiniketan Door- Darshan for DD Bangla (Kolkata).
25/07/2012 TV Recording Accompanied in Esraj with Rabindra Sangitin at Santiniketan Door Darshan for DD Bangla (Kolkata).
25/09/2012 to Cultural Exchange program by Visva-bharati in Srilanka Tagore Dance Drama : "Chap Mochan " was performed By Sangit Bhavana in Hillwood College Auditorium at Kandy & John De Silva Memorial hall At Colombo,Sri Lanka.
07/10/2012 Tagore Dance Drama : "Chandalika" was performed by Siksha Satra in Hillwood College Auditorium at Kandy & Ram Krishna Mission at Colombo,Srilanka.
13/10/2012 to Invited by "Santiniketan Friends" in Srilanka and performed Esraj Solo recital in The Inaugural
19/10/2012 Music Festival at John de Silva Memorial hall and National Art gallery Colombo, Srilanka.
18/10/2012 Invited, and took part a lecture demonstration Esraj in Workshop in the University of Visual and Performing arts, Colombo, Sri Lanka.

17/12/2012 Accompanied in Esraj with Sangit Bhavana, which performed Tagore dance drama "Chandalika" in 11th Indo-German academy CSIR organized by ERL Durgapur.

14/02/2013 Performed Esraj solo recital in Classical Music Concert at Mandiratala, Shibpur, Howrah.

03/03/2013 "Poetry Festival " Dedicated in the memory of Sunil Gangopadhyya at Lipika Santiniketan Organized by Ministry of culture government of India. And collaboration with Sahitya Akadamy and Adhyapak sabha Visva-Bharati. Accompanied Esraj in Rabindra Sangit.

RAJESH MENON, N
Attended a UGC Sponsored Refresher course on 'Theatre and Performing Arts (Dance)' at Manipur University.

Seminars presentations: Conducted and presented a paper a seminar on 'Origin and development of Kathakal' at Academic staff college, Manipur University.

Others:-(Public Display)
2) 'Swaralaya Dance festival' Palakkad - October-2012
3) Mothera Dance Festival October-2012.

MANOJIT MALLICK
2. Performed solo recital of 90 minutes in the National Programme of All India Radio New Delhi which was broadcasted on 17th February 2013.
3. Performed and recorded one hour performance in the programme on "Kalyan Ki Prakar" (a software project of A.I.R. Kolkata) on February 2013.
4. Performed in Classical Music Concert arranged by Akashvani Nagpur on 19th March 2013 at Sai Sabhagriha Shankarnagar Nagpur Maharashtra.

RAJESH.K.V

PERFORMANCE-
• Performed in National Seminar on "Impact of Rabindranath on Indian Literature" organized by Bhasha Bhawan, Visva-Bharati, Santiniketan on 7th & 8th March 2013.

FOUNDER EDITOR-IN-CHIEF: Launched Sangeet Galaxy, the first refereed E-Journal dedicated to Indian Music, (ISSN: 2319-9695) in October 2012 as Editor-in-Chief. (www.sangeetgalaxy.co.in).

PRASANTA KUMAR GHOSH
Associate Professor, Rabindra Sangit

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c) Performed Rabindra Sangit (SOLO) at Rabindra Bhavana, Bilaspur, organized by S.E.C.L, BILASPUR, CHARTRISGARH, on 3rd November, 2012.
d) Directed and Performed as a main Singer in Tagore's Dance Drama "SHAPMOCHAN" at SRI LANKA by the invitation of "Hillwood College, Kandy" of Sri Lanka on 29th September, 2012.

ESHITA CHAKRABORTY
1. Chairperson in National Seminar on "Shastriya Sangeet ka badalta swarup evam isme yuva kalakaron ki bhumika" on April 2012 (20th & 21th) at Jamshedpur Music College, Jamshedpur.
2. Refresher Course 21st November - 11th December 2012, University of Madras, Chennai.
4. International Seminar on "Values and Contemporary Culture: Indian Perspective" jointly organised by the Council for Research in Values & Philosophy, Washington D.C., USA & Department of Philosophy & Comparative Religion, Visva Bharati, Santiniketan - 14th Jan & 15th Jan 2013
5. National Seminar at Kanpur on "Uttar Bharat ki bivinna dharmik paramparaon me Sangeet"- 22nd January 2013 Scholarship interview duty

Paper Presentation
1. "Young generation towards classical music tradition" at National Seminar organised by Department of Music, Jamshedpur Music College, Jamshedpur
2. "Rhythm makes life musical or Music makes life rhythmic" paper presented for UGC sponsored Refresher Course by University of Madras, Chennai
4. "Present day music education - A target through technich.com" at National Seminar organised by Department of Music, Dayanand Girls P.G.College, Kanpur

MOUSUMI ROY
1. Presented a programme of "Ghazal and Semi Classical Music" on 19th September 2012 at the Rumi Seminar on "Revisiting rumi's Mystico-Humanistic Thought in Modern Times' Organized by the Institute of Persian Research Aligarh Muslim University, Aligarh.
2. Presented paper in international seminar on 'Sources of Indian History and Culture" held in Rampur Raza Library from 2-4 November 2012.
3. Completed Refresher Course in Music held at Kerala University during 5-25 March, 2013.

P. MUKUNDA KUMAR
1. Attended at Academic Staff College Kerala University 5th March to 25th March 2013.
2. Conducted and presented a paper for a seminar on "Navarasas in Kathakali" at Academic Staff college, Kerala University on 12th March 2013.
5. Performed as an artist in Kathakali at the Senate hall Kerala University, Trivandram on 23rd Mar5ch 2013.

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Amit Kumar Verma
RESEARCH PAPER


Some of them are as follows:-

Cultural Programmes
2) Participated in the programme of lecture on "Tagore’s Model of Holistic Education" delivered by respected Upacharya Prof. Susanta Dattagupta along with Tagore-songs and dance. This programme was held at:
   A. Bose Institute, Kolkata on 26.11.2012
   B. Uttarayan complex, Santiniketan on 19th December, 2012 in presence of His Excellency, Sri Pranab Mukhopadhyay, President of India and the Paridarshaka (Visitor) of Visva-Bharati on the occasion of the inaugural programme of Centenary Celebrations of the award of Noble Prize.

Seminars
1. A vast and important project on Kalanukramik Rabindra-Sangit has been taken by the Dept. of Rabindra Sangit, Dance & Drama Sangit-Bhavana and the work has already been started from 10.09.2012.
2. GURU SHISYA PARAMPARA WORKSHOP Organized by "Acharya Allauddin Khan Music Centre", Sangit-Bhavana, Visva-Bharati, Santiniketan was held from 18th December to 20th December, 2012, conducted by Ustad Ashish Khan and Pandit Swapan Chowdhury.
3. During 02.03.2013 to 31.03.20013 Mr. Weerasena Gunathilaka and Mrs. Nalini Gunathilaka of Srilanka visited Sangit-Bhavana, Visva-Bharati and conducted work-shop on Rabindra-Sangit & Kandy Dance of Sri Lanka.
VINAYA-BHAVANA
(INSTITUTE OF EDUCATION)
DEPT. OF EDUCATION

A brief history of the Department of the Bhavan/ Sadan/ Vibhaga concerned with an indication of the future plans for development :

Vinaya-Bhavana called 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./B.Sc(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.

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

K.C.Sahoo,
Associate Professor

Key Note Address in the National Seminar

1. Attended and Delivered the Key Note Address in the National Seminar on Peace Education organized by the STTC and the Department of Education, SKB University, Purulia, West Bengal on 12th April 2013
2. Attended and delivered the Key Note Address " Aligning SSA With RTE : Between The Lines of Pledge & Practice" in the National Seminar on SSA: A Challenge for the New Era at Nilamani Mahavidyalaya, F.M. University, Odisha during 15-16 Dec 2012

S.K.Rath
Assistant Professor

National Seminar/ Workshop Attended and Paper Presented

2. Acted as a Resource Person and delivered a lecture on " Mass media: Optimizing Instructional Role" in the IGNOU workshop at ACTC, Jalpaiguri on 21st May 2012.
3. Acted as a Resource Person and delivered their lectures in the IGNOU workshop at ACTC, Jalpaiguri from 28th June 2012 to 30.6.12.
5. Attended and delivered a Lecture on Quality Inputs for Teacher Education as the Chief Guest in the National Seminar on Strategies for Enhancing Quality in Teacher Education organized by the HKC, Gangtok, Sikkim on 29-30 Apr 2013.
2. Attended and presented a paper entitled "Relevance of Indian Educational Philosophy in B.Ed. Curriculum" in the National Sanskrit Seminar on Shikshashastrapathyakrame Bharatiyasampratayayam Samavesha organized by Rashtriya Sanskrit Sansthan (Deemed University) Shree Sadashiva Campus, Puri' held at Puri, Odisha from 20th to 21st February, 2013.


4. Attended and presented a paper entitled "Bhashashikshane Pathyasamagri" in the National Seminar on Teaching Materials for Sanskrit at Different Levels organized by Rashtriya Sanskrit Vidyapeetha, Tirupati (A.P.) from 08th to 09th March, 2013.

Prohlad Roy,
Assistant Professor

INTERNATIONAL SEMINAR:

National Work Shop:

Asheesh Srivastava
Assistant Professor
Participation and Presentation in National and International Conference/ Seminar/Workshop/Exhibition.

i. Participated and Presented a paper titled 'Indian Universities: Where We Are?' in an International Seminar on 'Professional Development of Teachers' held on 17-18 Nov. 2012 organized by The Learning Community, India and held at S.C. Bose Institute of Higher Education, Lucknow.

ii. Participated and Presented a paper titled 'Quality Inputs at Secondary Education' in a Regional Seminar on 'Issues, Concerns & Challenges in Implementing RMSA in N-E Region' held on 12-14 Mar. 2013 organized by NERIE (NCERT), Shilong.

Sarita Anand
Assistant Professor
Participation and Presentation in National and International Conference/ Seminar/Workshop/Exhibition
1. Participated in National Seminar on "Woman in Ancient Texts" organized by Women's Study Centre held on March 8th (International Women's Day), 2013 at Lipika Auditorium, Visva-Bharati.

2. Paper presented entitled "Effective Teaching Strategies" in 62nd Orientation Course on Sept. 27, 2012 at ASC, BHU.

M. S. Siddiqui
Assistant Professor
National and International Conference/ Seminar/Workshop/Exhibition


viii. Participated in Short term Programme on ICT in Education, organised by UGC Academic Staff College, University of Lucknow, during November 5th to 11th, 2012.

ix. Completed 110th Orientation Programme organised by UGC Academic Staff College, University of Lucknow, during December 1st to 31st, 2012.

K.C.Sahoo
Associate Professor

Significance of Oral Data- Types of Primary and Secondary Source and Teaching-Learning Resources in Social Sciences in the Textbook on Pedagogy of Social Sciences being published by the NCERT, New Delhi

Trishna Banerjee
Assistant Professor

Prohlad Roy
Assistant Professor

RESEARCH BOOKS (INTERNATIONAL PUBLICATIONS):

RESEARCH BOOKS (NATIONAL PUBLICATIONS):

BOOKS (BEING EDITOR):
RESEARCH ARTICLES (INTERNATIONAL JOURNALS):

CONTRIBUTED IN CHAPTERS OF DIFFERENT BOOKS

Asheesh Srivastava
Assistant Professor
Publication/Book/Research Papers/Articles/Book Chapter
Sarita Anand  
Assistant Professor  

M. S. Siddiqui  
Assistant Professor  


iii. Ensuring the Quality of Hearts for Imparting Quality Education: A Sufi Approach to Teacher Training, Published in PANORAMA-An Education Journal (Vol-2) 2011 ISSN 2230-9101, Kanpur: CSJM University.


DEPARTMENT OF PHYSICAL EDUCATION

The Department of Physical Education is now a constituent part of Vinaya-Bhavana (Institute of Education), Visva-Bharati. Since the inception of the Brahmacharyaasrama in Santiniketan in 1901, Games and Sports were integral part of education. The traditional programmes of physical activities, games and sports underpin the development of the Department of Physical Education in Visva-Bharati in due course of time. The Department introduced 3-year Bachelor Degree programme (B.P.E.) in the year 1997-98; 2-year Masters programme (M.P.E.- NCTE recognized) in 2001-02 and offered 4-year B.A.(Honours), B.P.Ed. (NCTE recognized) degree in 2002-06. At present, the Department of Physical Education, Vinaya-Bhavana runs the following degree programmes:

Sagarika Bandyopadhyay

Samiran Mondal
International (2013)

National (2013)

Ratnesh Singh
International Conferences/Seminar
   Global Conference on Traditional Physical Cultures, Sports and Games Sports and Exercise Psychology, "Relationship of Selected Anthropometric & Kinematic Variables to the Technique of Front Foot Off Drive in Cricket", HVPM, Amravati, 2013.

Mahesh Sawata Khetmalis
International

National

International
5. Ongoing Research Projects in the Department

Brajanath Kundu
a. Miss Sangita Bose, 'Identification of Talent of Female Volleyball Players: An Exploratory Study',

Name of Project:
1) "Study on Health Related Fitness and Psychosocial Wellbeing of Mid Age Women"- a project jointly with M.U.C. Women's College, Burdwan

Sponsoring Agency and amount : UGC; Rs. 1,41,500.00

Samiran Mondal
a. Principal Investigator, UGC Minor Research Project (Rs. 1,10,000), A study on neuropsychological profile of Indian football players
b. Co Investigator, UGC Minor Research Project (Rs. 1,48,800), Physical fitness profile of Indian Handball players
c. Self Financing, Science of exercise: Ancient Indian origin and modern relevance

Mahesh Sawata Khetmalis
1) UGC, Sponsored, 'A Comparative Study of Psychomotor Components & Emotional Intelligence of Students Belonging to Teachers Training Institutes of Physical Education in West Bengal'

Samiran Mondal
A. National
a. Life Member, National Association of Physical Education and Sport, HVPM, Amravati, Maharashtra, India.
b. Executive Member, West Bengal Council for Institute of Physical Education (WBCIPE).
c. Member, National Association of Physical Education and Sports Science (NAPESS).
e. Peer Reviewer, Unmesh : A Journal on Physical Education (ISSN : 0974-9829)

B. International
a. Member, Asian Traditional Sports Games Association (ATSGA)
b. Member, International Traditional Sports Games Association (ITSGA).

Ratnesh Singh
a. Member of Editorial Board of the Indian Journal of Yoga Exercise & Sport Science and Physical Education (ISSN 0975- 265X).

Mahesh Sawata Khetmalis
a. Peer Review Committee Member of International Journal of Physical Education and Sports, ISSN No. 2277-5447, 2012.

Brajanath Kundu
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Sagarika Bandyopadhyay

Ashok Kumar Goon
a. Dr. Ashok Kumar Goon & Dr. Kollol Chatterjee, "Effect of Induced Fatigue of Different Duration on Selected Psycho-Motor Components" UNMESH ,PGIPE, Banipur, Vol.7, No. : I & II, 2011, ISSN : 0974 - 9829
b. Dr. Ashok Kumar Goon & Dr. Kollol Chatterjee, " A Study on Balance and Orientation Ability after Induced Different Duration of Fatigue on University Level Volleyball Players" , UNMESH, PGIPE, Banipur, Vol.8, No. : I & II, 2012, ISSN : 0974 - 9829
c. Dr. Khushal Singh Bisht, Dr. H.S.Papola & Dr. Ashok Kumar Goon, "Effect of Diurnal Variation on Selected Physical, Physiological and Psychological Variables of School Children", Indian Journal of Movement Education and Exercises Sciences (IJMEES) January 2013, Bi-annual Refereed Journal, Online ISSN 2249 - 6246 Print ISSN 2249- 5010.

g. Opinio of the Players towards the Development of Table Tennis in Indian School, UNMESH, A Journal of Physical Education, Vol & No.I & II, 2012, ISSN No. 0974-9829 (Joint publication)

Sumanta Kumar Mondal
b. Survey of Players Opinion towards Development of Table Tennis Standard in India, WELLNESS, Journal of Health, Physical Education and Sports,Vol. 4 No.1 Jan-June, 2012, ISSN No. 0975-136X (Joint publication)
d. Comparison of Personality Traits between Sports Person and non Sports Persons, Pantnagar Journal of Research, Vol. 10 (2), July-December 2012, ISSN No. 0972-8813, (Joint publication)
Samiran Mondal

A. International
   b. Effect of functional training on physical fitness components on college male students - a pilot study : IOSR Journal of Humanities and Social Science. Vol-1; Issue-1; Sep-Oct, 2012. pp 1-5. ISSN : 2279-0845

B. National
   a. Effect of twelve weeks of yogic training on general immunological health variables in a middle aged group : Yoga Mimamsa. Vol-XLIV; No-1; April 2012. pp 1-19, ISSN : 0044-0507.

Ratnesh Singh


d. Pantnagar Journal of Research, "Comparison of Mortality Among Agriculture, Veterinary and Engineering Students".

e. Pantnagar Journal of Research, "Comparison of Personality Traits Between Team Sportsperson and Non Sportsperson".

Mahesh Sawata Khetmalis


e. AMASS Multi Research Journal Bi-lingual Bi-annual, 'Comparison between Selected Coordinative Abilities and Motor Abilities of Female Athletes of Selected International Schools in Pune', Vol. 4, No. 1, May-June 2012, 72-80. ISSN NO. 0975-3966.


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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 inceptions 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)
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:

<table>
<thead>
<tr>
<th>Types of Village Development Societies</th>
<th>Number covered</th>
<th>No. Of Villages Societies under Registration Act</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Societies</td>
<td>37</td>
<td>39</td>
</tr>
<tr>
<td>Mohila Societies</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Health Society</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

The area of operation of the department is now extended over 50 villages under 8 Gram Panchayats in 2 Blocks namely Bolpur-Sriniketan and Illambazar in Birbhum district. Out of those 50 villages, a total 41 Village Development Societies (VDS), 10 Mohila Samities and 1 Health Society is organised and motivated to initiate the reconstruction activities in the villages. These village development societies are the focal point of services of Rural Extension Centre. For the purpose of proper monitoring and effective supervision of the programmes & to carry out the extension activities effectively in the villages, 05 meetings have been conducted with the secretaries of VDS last year. All extension programmes of the department are being implemented through active co-operation of Village Development Societies. 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.
The villages were grouped under Cluster approach. The name of the five clusters are Rathindra, Kabiguru, Pratimadevi, Elmhirst, Kalimohon and all these clusters have conducted their meetings on regular intervals to plan and execute developmental activities in collaboration with the department.

II. Mahila Samities (Women's Forum):
Mohila Samities at a Glance

<table>
<thead>
<tr>
<th>No. of Mahila Samities</th>
<th>No. of villages covered</th>
<th>No. of registered societies</th>
<th>Members organized</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>2</td>
<td>350</td>
</tr>
</tbody>
</table>

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 different health & social issues concerning women in the villages is one of the works of Mahila Samitis. Besides, they have the key role to plan and implementation of different 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 Barsha Mongal, Briksharopon & Rakhi Bandhan programmes in their respective villages. During last year 3 meetings have been conducted in the villages.

III. Brati Organisation:
Brati at a Glance

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
<th>Mixed</th>
<th>Number of villages covered</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>05</td>
<td>08</td>
<td>16</td>
<td>140</td>
<td>180</td>
<td>320</td>
</tr>
</tbody>
</table>

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.

Caste wise composition of Brati Dal in villages

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the villages</th>
<th>No. of Brati Dal</th>
<th>Boys</th>
<th>Girls</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>SC</td>
<td>ST</td>
<td>OBC</td>
</tr>
<tr>
<td>1</td>
<td>Binuria</td>
<td>3</td>
<td>15</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>Bahadurpur</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
During 2012-2013, the Department had 16 such Brati Groups of which 03 were boys', 05 were girls' groups and 08 were mixed groups comprising 140 boys and 180 girls distributed over 13 villages. For successful implementation of the programme 5-days physical training programme was organized for the Brati leaders. During this year 7 nos. monthly meeting conducted with the Brati Leaders to monitor the performance of the Brati Dals. The Brati Groups with the active support of the Department and the concerned Village Development Societies conducted the following programmes during the year.

SL No. of Villages Participants
No. Boys Girls Total
1. Shramdan (Offering voluntary Labour) 13 140 180 320
2. Drawing 13 80 70 150
3. Cultural Programme 13 78 104 182
4. Craft Making 13 65 70 135
5. Leaf collection (Through out the year) 13 140 180 320
6. Excursion & Picnic 13 140 180 320

During annual 'Brati O Yubo Utsav' on 6th February, 2013, as many as 352 Brati children's & Brati Leaders and 248 youth representatives from VDSs including the Librarians, Assistant Librarians participated in the ground performance.

IV. Self Help Groups (SHGs):

Self- Help Groups at a Glance

<table>
<thead>
<tr>
<th>No. of Groups formed under REC till date</th>
<th>Male</th>
<th>Female</th>
<th>Mixed</th>
<th>Gen</th>
<th>SC</th>
<th>ST</th>
<th>MUS</th>
<th>Mixed</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>16</td>
<td>86</td>
<td>08</td>
<td>16</td>
<td>34</td>
<td>29</td>
<td>01</td>
<td>30</td>
</tr>
</tbody>
</table>

Organisation and supervision of Self Help Group 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.

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Each and every group has conducted 10 to 12 meeting on an average round the year. The groups are also engaged in 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.

Details of the meeting conducted with the SHG members for Training Need Assessment (TNA):
This year special drive has been taken by the department to conduct meetings with the SHG members in different villages for Training Needs Assessment. Following table would highlight the details:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Villages</th>
<th>No. of Groups</th>
<th>Members presents</th>
<th>Key Training Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Laldaha</td>
<td>1</td>
<td>14</td>
<td>Tailoring</td>
</tr>
<tr>
<td>2.</td>
<td>Bahadurpur</td>
<td>1</td>
<td>12</td>
<td>Animal Husbandry</td>
</tr>
<tr>
<td>3.</td>
<td>Binuria</td>
<td>4</td>
<td>40</td>
<td>Animal Husbandry</td>
</tr>
<tr>
<td>4.</td>
<td>Lohagarh</td>
<td>1</td>
<td>13</td>
<td>Duck &amp; Hen rearing</td>
</tr>
<tr>
<td>5.</td>
<td>Chakpali</td>
<td>1</td>
<td>13</td>
<td>Goat rearing</td>
</tr>
<tr>
<td>6.</td>
<td>Bonovilla</td>
<td>3</td>
<td>10</td>
<td>Animal Husbandry</td>
</tr>
<tr>
<td>7.</td>
<td>Kamarpara</td>
<td>2</td>
<td>18</td>
<td>Craft training</td>
</tr>
<tr>
<td>8.</td>
<td>Ballavpur</td>
<td>2</td>
<td>16</td>
<td>Capacity building of Groups</td>
</tr>
<tr>
<td>9.</td>
<td>Supur</td>
<td>11</td>
<td>70</td>
<td>Jute craft making, mushroom cultivation</td>
</tr>
<tr>
<td>10.</td>
<td>Srichandrapur Chandrai</td>
<td>4</td>
<td>44</td>
<td>Fish cultivation, Agriculture</td>
</tr>
<tr>
<td>11.</td>
<td>Kankuria</td>
<td>9</td>
<td>45</td>
<td>Agarbati</td>
</tr>
<tr>
<td>12.</td>
<td>Raipur</td>
<td>9</td>
<td>35</td>
<td>Fish cultivation, goat raring, Craft</td>
</tr>
<tr>
<td>13.</td>
<td>Mirzapur</td>
<td>7</td>
<td>40</td>
<td>Mushroom Cultivation, tailoring, Craft using Crystal</td>
</tr>
<tr>
<td>14.</td>
<td>Srichandrapur Agrani</td>
<td>3</td>
<td>20</td>
<td>Craft</td>
</tr>
<tr>
<td>15.</td>
<td>Rahamatpur</td>
<td>3</td>
<td>9</td>
<td>Craft, fish cultivation</td>
</tr>
<tr>
<td>16.</td>
<td>Shukbazar</td>
<td>5</td>
<td>67</td>
<td>Batik, Jute-Paper Craft</td>
</tr>
<tr>
<td>17.</td>
<td>Halshidanga</td>
<td>3</td>
<td>60</td>
<td>Vermin-Compost Training</td>
</tr>
</tbody>
</table>

*Continuing campus cleaning activities in Visva-Bharati area:-*
This initiative had already taken up by the University itself to wide the scope 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 by encouraging SHG members in the cleaning activities & by doing this enhance the economic standard of the tribal families. 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-literate.
- Centre for sharing, sustaining and strengthening the knowledge base of the people.
Glimpse of Rural Library Service

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 Computers 08

Status of Books:
Total No. of books in Rural Library: 1,14,970
No. of books purchased during the year: 2754
Specimen Copies of Books collected during this year: 943

Status of Readers:
No. of enrolled Readers: 1904 (approx)
No. of Books issued and returns: 26784 (approx)

Activities of the Library during this year:
Library day observation: 15 Libraries
Wall Magazine Published by: 19 Libraries
Cultural Programme with: 32 Libraries
Total seminar organised: 12 nos.

Building construction with the financial support from RRRLF
No. of library building constructed: 24
No. of library under construction 02

Book Binding:
As per the demands from the Rural Libraries financial assistance was provided to them for binding of damaged and soiled books and as a result 531 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.

Total Books in Children library till date: 1970 (approx)

New addition of Rural Library Service (Under non-matching grant from RRRLF):

1. RRRLF Children’s Corner:
   With the aim to give special emphasis to the children section, Children corner has been set up in Monoharpur village. This children corner has been furnished with all accessories including computer aided learning. This is the first of its kind in India.

2. Senior Citizen Corner:
   Special emphasis also has been provided to Senior Citizen of the villages. With that aim Senior Citizen Corner has been set up in Khoskadampur village, where books and storage materials provided to that section.
3. Computer devices to Rural Library:
Computer Devices has been provided to 6 Rural Libraries with the aim to build library as information centers. Those three Societies are 1) Supur Dedoot Club 2) Raipur Yubo Sangha & 3) Ballavpur Joyti Sangha 4) Sukhbazar Vivekananda Palli Seva Sangha 5) Mirzapur Palli Unnayan Samity 6) Monoharpur Gram Seva Sangha.

4. Providing Internet Facilities in Rural Library
Raipur Yubo Sangha Pathagar got two computers along with internet facilities in their library this year in addition to their normal stock. Now the number of computer in the Raipur Yubo Sangha Pathagar is three (3). All three computers are connected with INTERNET & LAN. This is unique initiative in history of Rural Library Services to extend computer with internet facilities among the rural readers. The readers from Raipur and surrounding villages are using internet. We are also getting very positive responses from the villagers of Raipur. Hopefully, Raipur Yubo Sangha Library will become a model Rural Library in the future harnessed with latest e-information

5. Publication of SRISTI:
SRISTI is the name of the magazine published with the selected writings from the readers of rural libraries. During this year one special issue of this magazine was published on the Halakarshana Utsav i.e. 8th August, 2012 on “Rural Reconstruction: A collection of writings”.

6. Organizing Patha Charcha Kendra:
With the objectives to develop library as centre for information and culture, 05 Patha Charcha Kendras have been organized in 5 different villages where children from poor & distress families in the village used to get free education (coaching).

VI. Health Extension & Sensitization Programme on Health:
Under this programme, six poor patients of different villages were given financial assistance for treatment. In collaboration with the Elmhirst Institute of community studies, Santiniketan, the department organised a sensitization programme on Adolescence & Drug De Addiction at Binuria Nirod Barani High School, where students from XI & XII class Participated.

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, 30 grafted fruit plants were supplied to SHGs and VDSs under Elmhirst Cluster of Halakarshan Utsav in Sriniketan on August 9, 2012. Besides, training on Vermin-compost also organised in collaboration with Palli Siksha Bhavana in Halshidanga village involving SHG members.

VIII. Vocational Training Programme:
Imparting vocational training to the various section of population is one of the priority areas of Rural Extension Centre. One month training programme on Jute Art Work on Paper Pulp were organised in Sukhbazar village where 15 SHG members from 5 SHGs participated in the vocational training programme. All the participants are belongs to OBC category. Self-Help-Group member were also benefited through this kind of training programme.

IX. Continuing Education Programme:
Under continuing education programme different kind of awareness and sensitisation programmes were conducted as per the need of the community. During the year 2012-13 several such programmes were organised under Continuing Education Programme. Specifically during this financial year, 10 Rally cum Awareness Generation programme on women empowerment at different villages namely Sattore, Srichandrapur, Kendradangal, Lohagarh, Binuria, Mohidapur, Surul, Bergram, Bishnubati majhi para, ghoshaldanga villages in collaboration with the Department of Social work. In each village more than 200 participants including representatives of village development societies, mohila samities, and self-help groups and other stake holders from villages attended the programme. Director, Studies, Educational Innovation, and Rural Reconstruction also delivered her lecture on women empowerment in three such programmes.
Training / Sensitisation/ Awareness Generation Programme At a Glance:-

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name to the Programme</th>
<th>Place</th>
<th>Total</th>
<th>Collaborative Agencies/ Distinguish Participant Resource persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Women's Day Celebration</td>
<td>Deptt. of Social Work, PSV</td>
<td>60</td>
<td>Deptt. of Social Work, PSV</td>
</tr>
<tr>
<td>2.</td>
<td>Awareness against Superstition</td>
<td>Rajatpur High School</td>
<td>200</td>
<td>Rajatpur High School, Birbhun Paschim Bongo Bigyan Mancha</td>
</tr>
</tbody>
</table>

X. Training for youth Leaders:
On the occasion of 150th Birth Anniversary of Swami Vivekananda, the department has organized one day training programme on Role & Responsibility of Youths in Rural Reconstruction at Rural Extension Centre. The secretaries from Village Development Societies and Mohila Samities participated in this training programme. Different aspects of Rural Reconstruction and Role of Swami Vivekananda in Rural Reconstruction were discussed by the resource persons. Director, Studies, Educational Innovation, and Rural Reconstruction Visva Bharati, Sriniketan and Prof. Raghavendra Chattyapadya from IIM Calcutta delivered lectures on this occasion.

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. During this year 30 Village Development Societies has been provided sports materials.

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 (2013), Rural Extension Centre took part in the programme called "Loko Sanskritir Ashor" where artists from different villages were participated. As many as 10 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, wire, meetings were conducted with the society for planning and execution of different programmes. In the year 2012-2013, Rural Extension Centre organized number of exhibitions-cum-demonstration of the rural artisanary during important occasions. During Poush Mela 2012, Magh Utsav-2013 demonstration-cum-sell counters had been set up by the craftsmen, where a total of Rs. 1, 05,105 (approx) had been recorded as sell.

XIV. 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 educational programmatic events of the department.

Exhibition: During Pous Mela this unit had prepared an exhibition on 'Rural Handicraft' of the department which was appreciated by all.

XV. 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.

Details of the Music Classes at Village Level (both Music and Dance):

<table>
<thead>
<tr>
<th>Name of the Center</th>
<th>Name of the villages</th>
<th>Number of Days classes held in week</th>
<th>Total Number of students (at village level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paruldanga</td>
<td>1) Paruldanga</td>
<td>2</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2) Khoskadampur</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Raipur</td>
<td>3) Raipur</td>
<td>2</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4) Supur</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Binuria</td>
<td>5) Binuria</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>6) Islampur</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7) Bahadurpur</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>7 villages</td>
<td>6</td>
<td>87</td>
</tr>
</tbody>
</table>

Workshop on Tagore Music:
An initiative has been taken by the Music Unit this year to organize Tagore music teaching the villages for the rural girls. Padma Bhusan Sri Dwijen Mukhopadhyya, an eminent singer was invited as visiting professor. Total 50 students from different villages participated in this workshop. Another workshop was also organised by the music unit by involving village students. Sri Ajoy Chakroborty, eminent Hindustani classical singer was invited to share singing tips to village students.

Participation of the Music Unit in the weekly Mondir, other functions and festival of the University:
During the year 2012-2013, village students of Music Unit actively participated in the weekly Mondir (Upasana griha), Barsha Mongal and Basanta Utsav (spring festival). Their participation brought a new dimension to the village extension programmes.

Running of Six Months Certificate Course on Rabindra Sangeet & Folk Music:
The Department has been running the Six Months Certificate Course on Rabindra Sangeet & Folk Music. Total 07 students admitted during the year for the said course.

Details of the students admitted in the six months certificated course:

<table>
<thead>
<tr>
<th>General</th>
<th>SC</th>
<th>ST</th>
<th>OBC</th>
<th>Minority</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>F</td>
<td>M</td>
<td>F</td>
<td>M</td>
<td>F</td>
</tr>
<tr>
<td>02</td>
<td>-</td>
<td>02</td>
<td>-</td>
<td>-</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-</td>
<td>06</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>06</td>
<td>01</td>
</tr>
</tbody>
</table>

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XVI. 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 Kendradangal High Madrasha School, Kendradangal, Birbhum. Sri Ramkumar Chattapadhya, Director, Granthan-Vibhaga, kolkata 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 at Mohidapur Primary school, Mohidapur, Birbhum. The Children representatives from different societies performed cultural programmes on this occasion. Asst. Director, Commissioners of Child labour, Suri 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.

XVII. LINKAGE DEVELOPMENT:
The Rural Extension Centre, Visva-Bharati has been developing linkages with the following Institutions:
External:-
1. Panchayat & Rural Development Department, Govt. of West Bengal
2. Ministry of Self-Help Groups & Self-Employment, Govt. of West Bengal
3. District Rural Development Cell, Suri, Birbhum.
4. Elmhirst Institute of Community Studies, Santiniketan.
5. Tagore Society for Rural Development, Bolpur.
6. Panchimbanga Gramin Bank, Illambazar, Sriniketan, Raipur Branch
7. Block Development Office, Illambazar, Bolpur- Sriniketan
8. Block Primary Health Centre, Bolpur & Illambazar
9. NABARD
10. All India Radio, Santiniketan.
11. Sian Sub-Divisional Hospital, Bolpur
12. Sriniketan-Santiniketan Development Authority.

XVIII. 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.

National and International Standard Conference / Seminar / Workshop / Exhibition etc. Attended by Teachers/ Research scholars in details:

<table>
<thead>
<tr>
<th>Name of the Teacher</th>
<th>Seminar Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Prof. Amit Hazra</td>
<td>1. Lectures delivered as the Resource Person in the &quot;98th. Orientation Programme&quot; organized by the Academic Staff College, University of Calcutta, on September 1, 2012.</td>
</tr>
<tr>
<td></td>
<td>2. Lectures delivered as the Resource Person in the ICSSR-New Delhi sponsored &quot;10-Day Workshop on Research Methodology in Social Sciences&quot; organized by CSSEIP, Tripura University in collaboration with ICSSR-NERC Shillong, at Tripura University, during November 27-29, 2012.</td>
</tr>
</tbody>
</table>

4. Lectures delivered as the Resource Person in Interactive Programme for Research Scholar organized by the Academic Staff College, Burdwan University, Burdwan on March 18, 2013.

5. Key-Note Address delivered in the National Seminar on "Rural Development : Challenges and Opportunities" organized by the Geographical Society of North Bengal and NABARD, Alipur Duar, on March 23-24, 2013.

2. Dr. Rafiqul Islam

1. Participated in the Plan Appraisal Process and Presentation made on implementation of SSA and MDM programs in the Project Approval & Budget (PAB) of Andaman & Nicobar Islands for the year 2012-13 from 21-22 May 2012 of the Department of School Education and Literacy, MHRD, Govt. of India at Shastri Bhavan, New-Delhi.

2. Participated in the National level workshop and meeting in connection with the implementation of SSA programme held at Chandigarh from 11-12 June, 2012 sponsored by Department of School Education and Literacy, MHRD, Govt of India.

3. Act as Resource Person and delivered lectures on the Training program of Community Participation and Social Mobilization for Universalization of Elementary Education held at National Institute of Rural Development (NIRD), Hyderabad form 4-6th. July 2012.

4. Attended and Presentation made in the 12th National Level Monitoring workshop for Monitoring Institutions for Implementation of SSA programme at Scope Complex, Lodhi Road, New Delhi from 27-28th. August 2012 sponsored by Department of School Education and Literacy, MHRD, Govt of India.

5. Attended and Presentation made in the Workshop with the State Governments and Union Territory Administrations on MDM MIS with integration of Interactive Voice Response Systems (IVRS) and Monitoring Institutions held at Thiruvananthapuram, Kerala on 18-19th. October 2012 sponsored by Department of School Education and Literacy, MHRD, Govt of India.

6. Participated in the Plan Appraisal Process and Presentation made on implementation of SSA and MDM programs in the Project Approval & Budget (PAB) for the State of West Bengal for the year 2013-14 from 11-12th. March 2013 of Department of School Education and Literacy, MHRD, Govt. of India at Shastri Bhavan, New-Delhi.

7. Participated in the Plan Appraisal Process and Presentation made on implementation of SSA and MDM programs in the Project Approval & Budget (PAB) for the Andaman & Nicobar Islands for the year 2013-14 from 18-19th. March 2013 of Department of School Education and Literacy, MHRD, Govt. of India at Shastri Bhavan, New-Delhi.
### On going Research Projects in the Department:

<table>
<thead>
<tr>
<th>Name of the Teacher</th>
<th>Name of the Project</th>
<th>Sponsoring Agencies</th>
<th>Amount Sanctioned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Dr. Rafiqul Islam</td>
<td>i) Project Monitoring &amp; Supervision of SSA and MDM Programs for the selected Districts (10) of West Bengal.</td>
<td>Department of School Education and literacy, MHRD, Govt. of India since 2003</td>
<td>Rs.5.00 Lakhs</td>
</tr>
<tr>
<td></td>
<td>ii) Project Monitoring &amp; Supervision of SSA and MDM Programs for the A&amp; N Islands Research Study</td>
<td>Sponsored by Dept. School Education &amp; Literacy, MHRD, Govt. of India since 2011</td>
<td>Rs.1.55 Lakhs</td>
</tr>
<tr>
<td></td>
<td>iii) Research study on MDM Programs of four Districts of (Birbhum, Bankura, Coochbehar and Howrah) West Bengal.</td>
<td>Sponsored by Department of School Education, Govt of W.Bengal</td>
<td>Rs.2.40 Lakhs</td>
</tr>
<tr>
<td>2. Dr. Amit Hazra</td>
<td>i) Development of The Benchmarking Tools For PRIs</td>
<td>Indian Audit and Accounts Dept.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Conduction of Child Labour Survey in Birbhum District.</td>
<td>Labour Commissioner, Birbhum, Govt. of W.B</td>
<td>Rs. 2.75 Lakhs</td>
</tr>
<tr>
<td></td>
<td>iii) Developing Community based Child Protection &amp; Monitoring Mechanism to Combat Child Trafficking from West Bengal.</td>
<td>Save the Children and UNICEF Sarba Siksha Mission, Birbhum.</td>
<td>Rs.1.0 Lakhs</td>
</tr>
<tr>
<td></td>
<td>iv) Model Rural Primary School: A Challenge for Providing quality Education to All.</td>
<td>Ministry of Human Res. Development D/o School Education &amp; Literacy.</td>
<td>Rs. 5.90 Lakhs</td>
</tr>
<tr>
<td></td>
<td>V) Evaluation/Impact Assessment of ICT @ School Scheme</td>
<td>Dept. of Science &amp; Technology, Govt. of India</td>
<td>Rs. 270 Lakhs</td>
</tr>
<tr>
<td></td>
<td>VI) Development and Integration of Biomass and Concentrating Photovoltaic System for Rural and Urban Energy Bridge: BioCPV (Co Principal Investigator)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Publication within the year April 2012- March 2013**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Paper/ Monographs/ Report/ Text Books</th>
<th>Year/ Date of Publication</th>
<th>Name of the Journal, Volume No. Pages</th>
<th>National/ International</th>
<th>Name of the Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Monitoring and Evaluation reports on implementation of SSA and NDM programmes for the districts of West Bengal 1) East Mednapur 2) West Mednapur 3) Murshidabad 4) Nadia 5) South 24 Parganas.</td>
<td>2012-13</td>
<td>Each report contains 110 pages</td>
<td>Submitted to MHRD, Govt. of India</td>
<td>Dr. Rafiqul Islam</td>
</tr>
<tr>
<td>02.</td>
<td>Monitoring and Evaluation reports on implementation of SSA and NDM programmes for the districts of North and Middle Andaman of A&amp;N islands.</td>
<td>2012-13</td>
<td>Each report contains 110 pages</td>
<td>Submitted to MHRD, Govt. of India</td>
<td>Dr. Rafiqul Islam</td>
</tr>
</tbody>
</table>
SILPA-SADANA

A brief history on the development of the Bhavana

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. Construction of new building of the department is going on out of XIth Plan grant. Setting up of a modern computer laboratory in addition to its own server is also in progress. The departmental Workshops / Studios /Laboratories have been developed and upgraded by incorporating new equipments / tools / machineries purchased out of XIth plan equipment grant.

The department 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 124 regular students out of which 60 students are studying at degree level 29 at Diploma level and 35 at Certificate level. Silpa-Sadana offers 8-semester Bachelor Degree course in Design, 3-year Diploma Courses in i) Textile Technology (Handloom), ii) Furniture Technology & Interior Design, and iii) Pottery & Ceramic Technology; 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.

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.

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations: None

Departmental Seminar/Workshop (Speakers, Title of the Seminar, Date):
National Workshop on "Eco-friendly printing with natural dyes" was held at Silpa-Sadana during 8th - 9th December, 2012. The said workshop was inaugurated by the honorable Vice-Chancellor and almost one hundred participants from various educational institutions, NGOs, entrepreneur etc. were attended the said workshop. The organizing committee of the workshop comprised of:

Shantanu Kumar Jena
1. 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 from 10th Oct. to 21st Oct 2012
2. Appointed as a commissioner for the selection of 30 participants for an All India Ceramic Artist Exhibition organized by Bhararta Bhavan, Bhopal on its 31st Anniversary at Bharat Bhavan
3. Participated as an Invitee All India Ceramic Artist Exhibition organized by Bhararta Bhavan, Bhopal on its 31st Anniversary at Bharat Bhavan from 15th Feb. To 5th March 2013
4. Invited as a Resource person to speak on Design & Design Process Elements of design & Trends for Kantha Stitch Cluster Under Department of Handicraft & Textile 22nd July 2012

Vishal C. Bhand
1. Chairman, Technical Session at National Seminar organised by MPVSS and NIMH Hydrabad.
2. Group exhibition of paintings at Colombo, Sri Lanka by Indo- SriLanka Foundation
Prabir Kumar Choudhuri
5. Paper entitled "Manufacturing of eri silk yarn in Ring spinning system and evaluation of its acceptance for warm clothings using AHP and MAHP technique of Multi-Criteria Decision Making (MCDM) approach presented in Technological Conference at the Dept of Jute and Fibre Technology, University of Calcutta on 23.03.2013

Sankar Roy Maulik
INTERNATIONAL
1. Paper entitled "Studies on Kinetic and Thermodynamic Parameters of Natural Dye Extracted from Punica granatum on Protein Fibres" was presented in the 4lh RMUTP International Conference on "Textile & Fashion" at Bangkok, Thailand during 3-4, July, 2012 by availing DST International Travel Support Scheme,

NATIONAL
1. Paper entitled "Eco-friendly Dyed & Printed Handloom Textiles" was presented in the National Seminar on "Design Innovation in Indian Fabric Art-1950-2000" held at Department of Painting, Faculty of Visual Arts. BHU, Varanasi from February 22 to 23, 2013.
2. Paper entitled "Creative printing on handloom textiles” was presented in the Technological conference (National level) on “Challenges and Opportunities in Textiles” organised by The Textile Association (India), West Bengal Unit held on 23rd March, 2013 at Kolkata.
3. Paper entitled "Painting on handloom textiles with natural dye-an approach towards product diversification” was presented in the National seminar organised by Department of Fashion and Apparel Design, Rani Birla Girls' College, University of Calcutta held on 25th March, 2013 at Kolkata.

WORKSHOP AND TRAINING PROGRAMME CONDUCTED/ATTENDED

Arabinda Mondal

Jaya Boro
Invitation as "Resource Person" for Cluster development activities in Terracotta at Asharikandi, Dhubri, on
a) Training on use of modern machinery from 15th December to 24th December. 2012,
b) Training on design diversification from 16th December to 22th December. 2012.
c) Training on design diversification and quality control from 22nd January to 3rd February, 2013.
d) Training on packaging process from 23r January to 25th January, 2013.
Sponsored by Development Commissioner Ministry of Micro Small & Medium Enterprises, Govt. of India
Arun Kr Sharma
1. Attend the 2nd China Changchun International Ceramic Symposium from 20th July to 10th August 2012 organized by Changchun Municipal Foreign Affairs Office, Renmin Street, Chachun Jilin Province, P.K. China,
2. Attend As a Fellow in the Karigar Congress- 2012 from 17-09-2012 and 18-09-2012. Organized by Madhya Pradesh Council of Science & Technology at Vigyan Bhawan, Nehru Nagar, Bhopal (M.P)
3. Attend in National Ceramic Camp at Bhopal from 6th to 14th October, 2012
4. Conduct the Terracotta cum Ceramic Workshop from 03-01-2013 to 12-01-2013 in Sculptor Department, College of Fine Arts, Karnataka Chitrakala Parishath, Bangalore.

Asish Ghosh
International precipitation
1. participated in performance for documental 13th July 212
2. participated art exhibition friends of santiniketan at Sri Lanka September 2012
3. participated "One World - Many Papers “ artwork and project at Paper and Bookarts Museum of Ege University, Izmir, Turkey December 2012

National precipitation.
1. Participated group show at Nandan art gallery santiniketan Violence Double Spread Curator- Amit Mukhopadhay 2012
2. participated group show at J.N.U DELHI art and aesthetic departments art gallery Violence Double Spread Curator- Amit Mukhopadhay 2012
3. Organized Nature art/design workshop at Patna art collage Bihar January 2013

Sanjay Kumar Goswami
1. Sectional personal research work done on Sisal fibre for thin paper for Letter Pad making
2. Introduced many varieties of new and innovative Hand made paper and paper pulp products through Training Unit, Silpa-Sadana.

Ongoing Research Project in the Departments:
Arabinda Mandol
Research projects (ongoing)

<table>
<thead>
<tr>
<th>SI. No.</th>
<th>Title</th>
<th>Agency</th>
<th>Period</th>
<th>Grant/Amount Mobilized</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Effect of fly ash on the development of ZrO2-Cordierite composites.</td>
<td>DST</td>
<td>3 years</td>
<td>Rs. 16,85,000.00</td>
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Extension Activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department.

i. Through the extension activities of Textile section of the department, handloom weavers of nearby villages have been given job of manufacturing fabrics out of our supplied yarns and as per our designs & specifications. The final products have been sold through the Sales Emporium of the Department and Pous mela.

ii. Similarly, rural craftsmen in the field of carpentry, pottery, artistic leather crafts, handmade paper making, batik etc have also been provided employment through manufacturing of different respective craft items either by providing raw materials or by directly purchasing the finished items as per the design supplied by the department.

iii. Undertaken a plant visit at 'The Kansabati Co-operative Spinning Mills Ltd.', Barjora, Bankura with final year students of Diploma in Textile Technology (Handloom) during October, 2012.
Academic distinctions gained by Teachers/Scholars or the Department as a whole

Sankar Roy Maulik

UGC Research Project
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) as Principal Investigator.

OTHER ACADEMIC ACTIVITIES
1. Expert committee member in 'Bachelor of Fashion and Apparel Design' under University of Calcutta.
2. Expert committee member for vocational course on "Tailoring and Dress Designing" of Netaji Subhas Open University.
3. Selected as a panel of referee for Indian Journal of Fibre and Textile Research, National Institute of Science Communication and Information Resources, Dr. K S Krishnan Marg, Pusa Campus, New Delhi 110 0J2.

Prabir Kumar Choudhury
1. Awarded the Fellow membership of International Science Congress Association.
2. Awarded the life membership of Indian Society for Technical Education.
3. Acted as reviewer of Indian Journal of Traditional Knowledge published by NISCAIR to review the article: 'Design and development of fashion accessories inspired from the hand woven shawls of Nagaland'

Publications within the April 2012 to March 2013

Vishal C. Bhand
Publications:
2. Crafting Craft, E. Publication of Craft Revival Trust.
3. Design of Cover Page of Journal publication by IGNOU, AC training collage Siliguri

Prabir Kumar Choudhuri
2. Determination of acceptance of Eri silk yarn for warm clothings using AHP and MAHP technique of Multi-criteria decision making (MCDM) approach, Proceedings of the 26th National Convention of Textile engineers and National Seminar, organised by The Institution of Engineers (India) during Feb. 2-3, 2013.

Asish Mitra

Paper published in Peer Reviewed Journal:

Paper Published in the Proceedings of International Conference:
1. Presented a paper entitled "Prediction of draping behaviour of handloom cotton fabrics by artificial neural network" in the first International Conference on Intelligent Infrastructure, CSI 2012 organised by Computer Society of India, Kolkata Chapter held on December 1-2, 2012 at Science City, Kolkata.
2. Presented a paper entitled "Application of multi-criteria decision making (MCDM) techniques for ranking of handloom fabrics as summer clothing" in the 2nd International Science Congress held on December 8-9, 2012 at Bon Maharaj Engg. College, Vrindaban, Mathura, UP.

Sankar Roy Maulik

PUBLICATIONS

Book Published as Author
Name of the book: Tailoring and Dress Designing (Bengali Version), Publisher: Netaji Subhas Open University, Kolkata ISBN: 978-93-82112-00-6

Arabinda Mondal

Shantanu Kumar Jena
Publish an article "New Design Trends in Tableware's "magazine publishes Quarterly Journal of All India Pottery Manufacturers' Association Vol.1 No.1, 2012
DEPARTMENT OF SOCIAL WORK

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. Tagore choose such a setting as he thought that this would help in bridging the gap between rural and urban people. Tagore's ideas and philosophy of rural rejuvenation and reconstruction along with the added role of universities in dissemination of education form the bedrock of our courses. 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:

Name of the students qualified in UGC/NET/CSIR/SLET/GATE: NET-2, JRF-2


National and International standard Conferences attended/organized by the faculty:

Kumkum Bhattacharya:
International Conferences attended:
- Presented a paper entitled, "Jivan Devata: Nuances of Interpretation" in Rabindranath Tagore Centre, Napier University, Scotland, UK, May 2012.

Publications:
- 2012 "Utopias in Praxis: Rabindranath’s Rural Reconstruction" in Utopias from Asia (An international and interdisciplinary symposium in Santiniketan on the occasion of the 150th birthday anniversary of Rabindranath Tagore edited by Konrad Meisig, Germany, Harrassowitz Verlag. Weisbaden.

M.M. Mukherjee
- Chairperson of the Award Committee at XXXI Annual Conference of Indian Society of Professional Social Work at Manipal University, Manipal on 4th January, 2013.

Publication

Prasanta Kr. Ghosh
- Presented a paper at the International Conference on the Relevance of Tagore’s Rural Reconstruction Experiment in India organised by IIPA, New Delhi. During 1-3 May 2012.
- Presented a paper on Tagore's Strength Based Community Development Practice - A Sustainable Social Development Practice for Rural India, at Kathmandu, Nepal in Nov. 2012.
Publications (book chapter)
- Tagore's Strength Based Community Development Practice - A Sustainable Social Development Practice for Rural India, Strength Based Social Work Practice: Ed; Pulla Venkat, Baktj Stefan, Brisbane Institute of Strength Based Practice, James Cook University, Australia, Nov. 2012.

Fulbright Fellow 2012
- Nehru International Fulbright Fellow on Academic Administration, 2012, USEFI. New Delhi.
- Visited Dartington Hall, UK to present a paper on Sriniketan : Experiment to Experience and initiated for having academic exchange programme with Visva-Bharati.

Debotosh Sinha
Publications

Book

Seminar

Sanjoy Roy
- Attended Refresher Course organized by CPDHE, Delhi University from 15th September to 6th October, 2012.
- Presented paper on "Need and Importance of Courses related to HIV/AIDS offered by Universities in Northern India" (Co-author) in 10th Annual national Seminar on "Social Work Response to HIS/AIDS, January 28-31, 2013 organized by School of Social Work, IGNOU collaboration with Kerala Central University.

Publication
Article

Book

Sukumar Pal
- Presented a Paper titled "Decentralized Planning and Panchayati Raj Institutions: An analysis of Constitutions (73rd Amendment) Act in the context of Rural Development” in National Seminar on 'Changing Rural Scenario in the New Millennium' held at Department of P.C.K (Social Studies and Rural Development), Visva-Bharati, Sriniketan on 22nd-23rd March’ 2013
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Neelmani Jaysawal

- Presented a Paper titled "Rural Development Policies and Neo-liberalism" in National Seminar on 'Changing Rural Scenario in the New Millennium' held at Department of P.C.K (Social Studies and Rural Development), Visva-Bharati, Sriniketan on 22nd-23rd March' 2013.

Sudeshna Saha

- Foreign Direct Investment on Retail and its effects on Agrarian Sector in a Department of Palli Charcha Kendra Visva-Bharati Sriniketan, on 22nd and 23rd March 2013.

Subhashree Sanyal

Papers Presented in Seminar

- Presented paper on "Child Marriage Norms in Fakirtilla Village of Barak Valley; Assam" in 1 day "Consultation on Child Marriage” organized by Law Research Institute;Gauhati High Court in Association with Centre for Studies in Human Development; Assam University and supported by UNICEF office for Assam; 17th September 2012
- Presented paper on "Development Communication: An Essential Tool for Social Work Practice" in 2 day Golden Jubilee National Seminar on Advances in Social Work Education and Practice in changing social milieu organized by Department of Social Work, Visva-Bharati;Shantiniketan on 28th and 29th January 2013
- Presented paper on "Looking at India on the Map of International Aid Effectiveness: A Commentary” in Indian Social Work Congress organized by Department of Social Work, University of Delhi and National Association of Professional Social Workers in India from 23rd to 25th February 2013

Publications

Journals

- Sanyal,S [2012]:The Other Side of Development: Female Migration in India: Trends and Impacts; Perspective in Social Work ;Vol XXVI [3] pp 42 ;ISSN 0974-5114

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- Sanyal, S [2012]: Tackling The Growing Incidences of Maternal Mortality in Rural India: Emerging Issues & Concerns; Women's Link; Vol 18 [4]; ISSN 2229-6409 [Co-authored]
- Sanyal, S [2012]: Looking at Nagaland Through MDG Lenses, Yojana Vol 56 pp 50; ISSN 0971-8400

Books (chapter)

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 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, P.M. Hospital, 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, Sailabala Girls High School, Nichupatti Boys School, Ramkrishna Vivekananda School, Siksha- Satra in Visva-Bharati, 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 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.
- Legal Awareness Camp: The students of the Department were also engaged in organizing legal awareness camp in
field work villages like Dangapara by taking assistance from Bolpur Court. Other relevant information about the teachers/Scholars of the Department as a whole.

### Placement Cell

The Department is helping outgoing students for seeking job in different organizations through placement cell. Most of our students are selected by different non-government agencies.

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

The work on modification of MSW course curriculum has been completed.
PALLI CHARCHA KENDRA

Palli Charcha Kendra, P.S.V., V.B a teaching department, founded in 1977, is under the Institute of Palli Samgathana Vibhaga. It offers the postgraduate degree course on Rural Development. It conduct research on various aspects of life of the rural people and also has Ph.D. programme. tha Bhavana.

Departmental Seminar (Speakers, Title of the Seminar, Date) : National Seminar held on the topic ``Changing Rural Scenario in the New Millennium” organized by the Department, P.C.K., V.B.

National and International Standard (Conferences / Seminars / Workshops / Exhibitions etc. attended by Teachers / Research Scholars in details.

(a) one under Dr. Santanu Rakshit, Associate Professor & HOD,
(b) Dr. Sujit Kumar Paul, Assistant Professor
(c) Dr. Rathindra Nath Pramanic, Assistant Professor, P.C.K.

Ch-II
Ch-II

PALLI SIKSHA BHAVANA

Academic
In this year most of our U.G. students successfully completed ICAR-JRF examination and got ICAR-Junior Research Fellowship. Quite a few P.G. students and Research Scholars qualified for National Eligibility Test conducted by ICAR (ICAR-NET). The Bhavana successfully started following the syllabus recommended by the 4th Deans committee. To keep pace with different academic and developmental activities, all the meetings conducted by ICAR on different issues were attended time to time by our principal and other faculty members.

Number of U.G. and P.G. students were selected through campus interview in different reputed banks and companies. Two U.G. students were selected in IFFCO. One U.G. student was selected in MAHYCO Seed Company. Seven U.G. students were selected for summer training in State Bank of India. One U.G. student was selected in KEGG Farms Group as management trainee. Besides, three P.G. students were also selected in IFFCO Kishan Call Centre. The village attachment and industry placement for all the Final-year U.G. Students were arranged.

Palli Siksha Bhavana (Institute of Agriculture) completed 50 years of its journey this year. On this glorious occasion the Institute celebrated this year as the "Golden Jubilee" year. Bhavana organised a seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance" during 1-3 September, 2012.

Visit of Dignitaries (During 2012-13)
1. Prof. M.S. Swaminathan , Hon’ble M.P., Rajyasabha
2. Prof. L. N. Mandal, Former Vice- Chancellor, BCKV
3. Prof. Aminul Islam, Former Vice -Chancellor, Dhaka University
4. Prof. Sisir K. Mukhopadhyay, Emeritus Professor of Visva-Bharati
5. Prof. D. Dasgupta, Former Vice-Chancellor, BCKV
6. Prof. Sujit Kumar Basu, Former Vice -Chancellor, Visva-Bharati
7. Prof. Saroj K. Sanyal, Former Vice -Chancellor, BCKV
8. Prof. Asim C. Sinha, Vice- Chancellor(Officiating), UBKV

The Agricultural Farm
The Agricultural farm of PSB including the area under RKVK comprises an area of 40 ha with an irrigated area of 16 ha (12 ha in kharif and 4 ha in rabi) and net cultivable area of 12 ha (out of which 5.5 ha was allotted to RKVK+ 0.5 ha allotted only for the year 2009-2010 ) In this year 8.0 ha was utilized for student and AICRP (Weed Control) experiments. In kharif 7 experiments (two by the AICRP Weed Control ), in rabi 9 experiments (two by the AICRP Weed Control ) and in pre-kharif 5 nos. experiments (two by the AICRP Weed Control ) were conducted during 2012-2013. Seed multiplication in rabi covered 2.0 ha. The production of different crops in this farm were: a) Paddy: 67.0 q  b) Wheat: 8.48 q  c) Mustard: 30 kg  d) Pulses: 1.96 q  e) Sesame: 1.88 q  f) Paddy Straw: 120 q (Approx.)  g) Baby corn : 690 pcs.  h) Onion: 65 Kgs.  i) Groundnut: 10.0 Kgs . The amount of seeds distributed from the farm was as follows: Paddy: 1.30 Kgs.

Rathindra Krishi Vigyan Kendra
During the year 2012-13, Rathindra KVK, Palli Siksha Bhavana, Visva- Bharati, imparted 49 nos. vocational training programmes for 1627 nos. of practicing farmers and farm women, 5 nos. entrepreneurship development training programmes for 108 nos. rural youth and 3 nos. of training programmes for 66 nos. in-service personnel of different Govt. and non Govt. agencies for updating their knowledge.

The Kendra organised 8 nos. Front Line Demonstration (FLD) in 257 nos. farmers' plots. Regarding On Farm Trials/ Testing (OFT), KVK conducted 5 nos. Problem Solving Research works in 43 farmers plot. Considering the production of quality seed of different crops KVK produced 11 quintal paddy and 1 quintal fish in its instructional farm.

This year Rathindra Krishi Vigyan Kendra formed 2 Self Help Groups among farm women. Beside that KVK conducted

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OFT on Integrated Farming System. For this trials, 7 farmers were selected and 100 kg fish fingerlings, 1000 nos of poultry chicks, vegetable and pulse seeds were given to the farmers.

The KVK disseminated different technologies through 12 field days, 147 diagnostic visit, 9 All India Radio Programmes (including live programme), 2 nos. of T.V. programmes and 1 Kisan Mela.

The Kendra published 11 leaflets, 6 popular articles in local language and 11 extension literatures for farmers and 1 research paper.

Regarding participation in different training, seminar, workshop etc., Dr. Prabuddha Roy, SMS (Agri. Extension) and Dr. Krishna Mitra, SMS (Fishery) attended the training programme at BCKV, Kalyani and Sri Sourav Mondal, SMS (Plant Protection) and Smt. Ruma Addy, SMS (Home Science) also attended training programme at BCKV, Kalyani. Dulal Chandra Manna, Programme Co-ordinator and Sri Madhu Sudan Chatterjee, Senior Assistant attended the EFC Meeting at Zonal Office, Kolkata. Dr. D.C Manna attended Zonal Workshop, held at BCKV and National Conference in Punjab Agricultural University, Ludhiana, Punjab.

The meeting of the Scientific Advisory Committee (SAC) was held on 14th January, 2013. The meeting was attended by Prof. S. Dattagupta, Hon'ble Vice-Chancellor, Visva-Bharati and Dr. A. K. Singh, Zonal Co-ordinator, ICAR, Kolkata. Rathindra Krishi Vigyan Kendra also organised different training programmes and a short term research under ATMA. The Kendra is also doing different collaborative programmes with Tagore Society, IFFCO and Rallis India Ltd.

KVK also provided Kisan Mobile Advisory Service for farmers through which different message or information regarding Agriculture, Horticulture, Plant Protection, Fisheries, Public health and hygiene etc.

This year Smt. S. Suneja, Administrative Officer, Ministry of Agriculture and Cooperation, Govt. of India and Dr. B .K. Pati, Official of West Bengal Govt. visited Rathindra KVK.

PSB Library
The library played a major role in the day to day academic activities of PSB and other Bhavanas and Departments. The total number of books purchased this year is 823. The total number books and periodicals in the library are 47529 and 5408 respectively including 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 other. Total No. Books & Periodicals issued 21300. The total number of staff in this library is insufficient for the services it provides.

Dairy and Poultry Farm
Presently this farm has only two cows and one calf. The total production of milk was 1114.2 litres. The total cash sale of milk was Rs. 4300/- in 2012-13. 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.

Soil Testing Laboratory:
The Soil Testing Laboratory of Palli Siksha Bhavana catered the advice of scientific agriculture based on soil testing to the farmers of Birbhum district. Apart from this Soil Testing Laboratory carried out advanced research on different aspects of soil fertility. A number of research projects sponsored by KVIC (Govt. of India) on Vermicomposting technology, Geographic Information System (GIS) based on soil fertility mapping (IPNI) etc. completed successfully. DST (Govt. of India) extended one research project on vermicomposting of fly ash for another two years. After the retirement of Prof. G. N. Chattopadhyay on 1st December, 2013, Dr. Goutam Kumar Ghosh took over the charge as In-charge Soil Testing Laboratory. Soil Testing Laboratory is now facing an acute shortage of manpower which is to be solved at the earliest.

AICRP on Weed Control
The All India Coordinated Research Programme on Weed Control has been functioning from 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 DWSR (AICRP - Weed Control, ICAR). The main aim of the centre is to develop and promote effective integrated weed management practices in 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 atlas are the other major goals of the centre. Dr. B. Duary, Associate Professor in Agronomy acts as Principal Investigator of the Centre.

**Activities of the centre during the period**

i) Weed survey and surveillance were made in different crops, cropping systems, non-cropped areas and aquatic bodies in different agro-climatic zones of West Bengal.

ii) Weed map of different districts of West Bengal and weed herbarium were prepared.

iii) Collection and preservation of different weed seeds in seed museum.

iv) Experiments on different weed management practices in different crops and cropping systems such as herbicides combinations to control weeds in transplanted rice, Weed management in black gram and its residual effects on succeeding mustard crop, Weed management in conservation agriculture in rice - yellow sarson - green gram cropping system, permanent herbicidal trial, butachlor resistance on *Echinochloa* sp., management of *Echinochloa glabrescens/crusgalli* and management of *Parthenium* by *Zygogramma* beetles and competitive vegetations (Cassia and Tephrosia) were conducted.

v) Biology of *Oryza* spp. (behaved as weed) was studied.

vi) Seventeen On Farm Trials (OFTs) were demonstrated with proven herbicides in farmers’ field.

vii) Ten Front Line Demonstrations (FLDs) in *kharif* rice were conducted in different locations in Birbhum and Burdwan districts considering the specific situation of weed problem.

viii) Weed seed bank under different agronomic trials were studied.

ix) Economic analysis of each agronomic trial including OFTs & FLDs was done.

**Extension activities**

i. On farm trials in farmers ‘fields’ at different locations were conducted and were demonstrated to popularize the weed management technologies.

ii. Organized 7 days workshop on Parthenium on the occasion of Parthenium Awareness Week from 16 - 22nd August, 2012.

iii. One popular article and five technical extension bulletin were prepared.

iv. Trainings were imparted to the farmers for creating awareness about improved weed management technologies.

v. Leaflet and one Poster on Parthenium were published and distributed to the participants / farmers during training / awareness programme.

**Seminar/Symposium/Conference/Workshop**

D. Mondal and A. Hossain attended QRT Meeting during 10 - 12th January, 2012 at OUAT, Bhubaneswar.


D. Mondal and A. Hossain attended Biennial Workshop of AICRP-WC at Kerala Agricultural University, Thrissur, Kerala during 17 - 18th April, 2012.

D. Mondal and A. Hossain attended Biennial Conference on "Weed Threat to Agriculture, Biodiversity and Environment" organized by Indian Society of Weed Science at Kerala Agricultural University, Thrissur, Kerala during 19 - 20th April, 2012.
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. There is proposal to start M.Sc. in poultry Science (already approved in the BOS, Dept. of ASEPAN) and one M.Sc. course from Ag.Engineering.

The composite Department of ASEPAN is going to split into three Departments such as (i) Department of Agronomy (having section of Agronomy and Crop Physiology), (ii) Department of soil Science and Agricultural Chemistry (having section of Soil and Agricultural Chemistry) and (iii) Department of Agricultural Engineering and Animal Science (having section Agricultural Engineering and Animal Science) for smooth running of all activities of the Department. This has already been approved and confirmed by academic Council and Executive Council Visva-Bharati. Only notification is waiting.

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, 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, postharvest processing and preservation of sugarcane products and oil seeds as Utere 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- 25 (2 Vacant)
Associated farms: Agriculture farm Dairy & Poultry farm
Associated Laboratory: Soil Testing Lab.
Total No of Non-Teaching staff- 10 (3 Vacant)
Head of the Department : Prof. S.K.Pyne

S.K.Pyne
National/ International Seminar attended
Participated and Presented paper
In the golden jubilee seminar on advances in Agricultural Research towards food security and Environmental Sustenance, organized by Palli Siksh Bhavana, Visva-Bharati, September, 1st to 3rd 2012 entitled. "Black Bengal goat rearing: a livelihood option for landless tribal women". Paper No. T4-P009.
Participated and presented paper in the First International Conference on Bio-resource and Stress Management organized by Ratkanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9,2013
Chairs a session of livestock and aquaculture on 7th Feb. in the First International Conference on Bio-resource and Stress Management organized by Ratkanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9,2013
Participated in the National seminar on "Recent Advances in Rice genomics and Biotechnology" & PSB, V.B. Santiniketan 23-24 March 2013.

Publications
correlate the hazards of lead present in environment”, pp. 323-327 Chapter of a book ”Livestock production and Rural Development in India” edited by Dr. B.K.Mishra.

**Extension activities**

Participated in different programmes of Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati, Sriniketan time to time in training and Farmers meet programme.

Took part in the programmes of surrounding villages on A.H. & Veterinary Science.

Delivered Talk on Animal Husbandry in Doordarshan and All India Radio

Departmental Research Project: i) Black Bengal Goat Production, ii) Duck Husbandry with mixed farming concept iii) Fish production with utilization poultry wastes.

Academic Distinction: Member of different academic societies and communities of Visva-Bharati

Examiners: NEHU. Mehghalaya, BCKV, Mohanpur, Nadia, WBUAFS, Kolkata

Social activities: Member: Rotary International, Past President of Rotary club of Bolpur- Santiniketan

Paul Harris Fellow

Supervising Ph.D. Scholar: 3 (Three)

**G. C. De**

**Attended National Seminars/ Symposia/ Workshop etc.**


Organized the Golden Jubilee Seminar on Advances in Agricultural Research towards Food Security and Environmental Sustenance as the Chairman, held during 1-3 Sept, 2012 in collaboration with International Plant Nutrition Institute (IPNI) and PSB, VB at Sriniketan, VB, and West Bengal.


Chaired Technical Session V in the National Seminar on "Changing Rural Scenario in the New Millennium" org by the Dept of PCK (Social Studies and Rural Development on 23.03.13.

**Ongoing Research Projects:**

M/s Godrej Soaps (Agrovet) Ltd. Project, Visva-Bharati, Sriniketan

M/s Godrej Agrovet Ltd., Mumbai

Rs. 25,000/-

M/s Devgen Seeds Project, PSB, VB, Sriniketan


**Ongoing Research Programmes:**

Relative performances of System of Rice Intensification (SRI) in coastal plains of Orissa.

Integrated weed management in hybrid cotton with legume intercrop under rainfed upland ecosystem of Orissa.

Ph. D. awarded: one

Ph. D. Scholars under supervision: Three

M. Sc (Ag) Thesis Supervised: Two

**Other Academic and Administrative Activities:**

Member of the Selection committees for academic and research posts in different Universities.

ii) Referee for review of research papers in several professional Journals

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iii) Expert Member for Central Sericulture Research & Training Institute, Berhampore, Murshidabad
iv) Expert Member for FAO-CFC-TBI Organic Tea and Seed Co Ltd., Chabua, Dibrugarh, Assam.
v) Member of the Bhavana Purchase Committee
vi) Member of the Institute Board of Vidya Bhavana, Visva-Bharati, Santiniketan.
vii) Assisting as an Expert (Plant Science) of the IFFCO Kisan Sanchar Ltd (IKSL), West Bengal since 09.07.08.
viii) Successfully conducted VBCAT, 2012 on 12.05.12 and Counseling on 24.06.12.
ix) Successfully carried out VBRET on 14.09.12.

x) Acted as the External Expert of the Selection Committee Meeting for CAS for the post of Professor of Agronomy at BCKV, Nadia.

xi) Attended meetings of the Academic Council, Executive Council and Court of Visva-Bharati.

xii) Attended the Institute Board Meeting of Vidya Bhavana as the External Member on 28.01.13.

xiii) Convener of the Sriniketan Development Committee
xiv) Chairman of the Pay fixation Committee of the employees of Visva-Bharati as per EC, VB

xv) Successfully completed two-year term of the Principal, Palli Siksha Bhavana up to 10.01.13.

Agricultural Extension Activities:


* 19.05.12. Delivered on 'Improved method of pulse production' at the Training Programme of Head Masters/ Achiever Farmers of Farm Schools under ATMA of Birbhum district. Org by RKVK at RKVK, PSB, VB, Sriniketan.

* 29.07.12. Delivered on 'Agriculture development after independence for Krishi Darshan (TV) telecast.


* 14.11.12. Delivered on 'Cultivation of lentil for multiplication of Foundation Seed from ICARD'A to the adopted farmers of Manabjamin. Org by Manabjamin at the Office at Mirjapur, Bolpur.

* 18.11.12. Delivered on 'Technique of lentil seed inoculation with Rhizobium culture and its importance' to the adopted farmers of Manabjamin. Org by Manabjamin, Mirjapur, Bolpur.


* 21.11.12. Delivered on 'Importance of multiplication of Foundation Seed of lentil' to the adopted farmers of Manabjamin. Org by Manabjamin at Senkapur in Bolpur-Sriniketan Block.


* 18.12.12. Delivered on 'Vocational Training introduced by Gurudev and at subsequent stages at Visva-Bharati' before the eminent personalities like honourable Paridarshaka of Visva-Bharati and President of India Sri Pranab Mukherjee, Rector, Visva-Bharati and Governor of West Bengal Sri M. K. Narayanan and other reputed personalities at Rathindra Atithi Griha, Santiniketan.


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* 06.01.13. Delivered on 'Management of wheat crop' for Krishi Darshan (TV) telecast.
* 09.01.13. Delivered on 'Seed Production Technology of Lentil' to the adopted farmers of Manabjamin. Org by Manabjamin at its Office, Mirjapur, Bolpur.
* 15.01.13. Served as the judge of the exhibits of the Farmers' Fair-cum-Exhibition of the Sub-division of Agriculture, Bolpur. Org by Sub-Div of Agriculture Office, at Dakbunglow Maidan.
* 11.03.13. Delivered on 'Pulse production and its importance in nutrition of women and children of marginal farmers by utilizing fallow lands after kharif rice' in a Trg programme on Farmers' Field Day on Pulse Production-cum-Demonstration Org by Manabjamin in collaboration with International Centre for Agricultural Research in Dry-land Areas (ICARDA), New Delhi at Manabjamin, Mirjapore, Bolpur.
* 23.03.13. Chaired Technical Session V in the National Seminar on "Changing Rural Scenario in the New Millennium" org by the Dept of PCK (Social Studies and Rural Development).

Publications within the year (April 2012 to March 2013)
A. Publications in Journals:

Popular article:

D. C. Ghosh

Seminar/Symposium attended

D. C. Ghosh
1. Chaired a technical Session 'Session II' of the First International conference on Bio-resource and Stress Management on February 7, 2013 at Science City, Kolkata.
2. Presented a Lead paper on 'Growth, Productivity and Economics of Hybrid Rice as Influenced by Fertility Level and Plant Density, on the above conference on February 7, 2013.

Publication

D. C. Ghosh


**Academic distinction**  
**D. C. Ghosh**  
i. Fellow of the West Bengal. Academy of Science and Technology.  
ii. Member of the Research Board of Advisors of the American Biographical Institute, USA.  
iii. Member of the Departmental Promotion Committee of the Scientists of ICAR.  
iv. Member of the Faculty Council of the Faculty of Agriculture, Uttar Banga Krishi Viswavidyalaya.  
v. Member of the selection committee for Academic Posts in different Universities.  
vi. Referee of several professional Journals.

**Ongoing Research**  
**D. C. Ghosh**  
1. Nutrient Management in Hybrid Rice.  
Ph. D. awarded under supervision of D C Ghosh  
1. Nongmaithem Jyotsna on 'Growth and Productivity of Ginger (*Zingiber officinale* Rosc.) as influenced by Crop Variety and Biofertilizer'.  
Ph. D. submitted under supervision of D C Ghosh  
1. Debasis Borahon 'Integrated Nutrient Management in Direct Sown Rainfed Upland Rice in Arunachal Pradesh'.

**Dr. Arun Kumar Barik**  
National /International Seminar/Symposium/Workshop etc. attended:  
1. Attended and presented a research paper entitled "Studies on babycorn and cowpea (fodder) intercropping system under various crop geometry and nutrient management practices" In Golden Jubilee National Seminar on Advances in agricultural research towards food security and environmental sustenance at Palli Siksha Bhavana, Visva-Bharati, West Bengal held on September 1-3, 2012.  
2. Attended and presented a research paper entitled "Productivity, nutrient uptake, N-balance sheet and economics of wet season rice as influenced by integrated nitrogen management" In International Symposium on Sustainable Rice production and Livelihood Security: Challenges and Opportunities at CRI, Cuttack, Odisha held on March 02-05, 2013.

**Ongoing research project in the department:**  
Acting as P.I. of the project on "Evaluation------sustainable farming practice" funded by InhanaBiosciences, Kolkata.

**Extension activities/NSS/ Cultural and other activities:**  
1. Delivered a lecture on "Efficientuse of chemical fertilizers in kharif rice. " in a Television Programme at Santiniketan Durdarshan, Birbhum on 29.07.2012. This was broadcasted on 21 and 24 th Aug., 2012 at 4.30 p.m. and 26th Aug., 2012 at 4.30 a.m.  
2. Delivered a lecture on "Crop rotation- towards maintenance of soil fertility” in a Radio Programme at Santiniketan AIR, Birbhum on 26.01.2013 at 5.30 p.m.

**Academic activities:**  
3. Supervised one M.Sc.(Ag.) Agronomy student for thesis submission.
4. Supervised two Ph.D. scholars who were awarded degree.
5. Acting as referee for review of research papers in National and International Journals.
6. Acting as Teacher-in-charge, Agriculture Farm, PSB, VB, Sriniketan.
7. Acted as paper setter and evaluator in various courses of agriculture, appointed by OUAT, Bhubaneswar, Odisha; BAU, Kanke, Ranchi, Jharkhand and UBKV, Coochbehar, West Bengal.
8. Appointed as external examiner for viva-voce examination of M.Sc.(Ag.) thesis at BCKV, Mohanpur, Nadia, West Bengal.
10. Life member of Indian Society of Agronomy, New Delhi.
11. Life member of Indian Society of Forage crops, Hisar.
12. Life member of Indian Society of Soil Biology and Ecology, UAS, Bangalore.

**Publications:**

(Arun Kumar Barik)

**Conference/Seminar/Workshop/Exhibition etc. attended**

**Participated and Presented Paper**
2. Participated and presented paper in the National Seminar on "Advances in Agricultural Research towards Food security and Environmental Sustenance" organized by Palli Siksha Bhavana, Visva-Bharati, September 01-03, 2012.
3. Participated and presented paper in The First International Conference on Bio-resource and Stress Management organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013

**Extension activities**
1. Participated in conversation talk on "Field preparation for Paddy cultivation" in Santali in All India Radio, Kolkata and broadcast on 09.07. 2012.

**Academic Distinctions gained:**
1. Life Member of Indian Society of Agronomy, IARI, New Delhi
2. Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal
3. Serving as a Member of Anti-Ragging Committee, PSB, Visva-Bharati.
5. Member of Standing Committee of SC/ST Cell, Visva-Bharati.
6. Acted as Member of Recommendation for Yuba Puroskar, 2012 in Santali literature awarded by Sahitya Akademi, New Delhi
7. Acted as Reportier in the IPNS session of National Seminar on "Advances in Agricultural Research towards Food security and Environmental Sustenance" organized by Palli Siksha Bhavana, Visva-Bharati, September 01-03, 2012.
8. The paper entitled "Studies on growth, yield and quality of rainfed niger (Guizotia abyssinica Cass) under mulching and boron application in lateritic belt of West Bengal" by Sudeshna Kar, Lina Halder and B. K. Saren, was selected as best poster under the category of Crop diversification, soil health and sustainable agriculture in "The First International

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Conference on Bio-resource and Stress Management" organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013.

9. Acted as Chairman in Poster session (Crop Husbandry) of The First International Conference on Bio-resource and Stress Management organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013

Publications of the year April 2012 - March 2013


B.K. Saren


Dr. B. Duary

National and International standard Conference/Seminar/Workshop/ Exhibition etc. attended:

1) Attended Biennial Conference of AICRP-Weed Control at Kerala Agricultural University, Thrissur, Kerala during 17-18 April, 2012.

2) Attended Biennial Conference on "Weed Threat to Agriculture, Biodiversity and Environment" organised by Indian Society of Weed Science at Kerala Agricultural University, Thrissur, Kerala during 19-20 April, 2012.

3) Attended and presented a paper in Golden Jubilee Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance" organised by Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, West Bengal during 1-3 September, 2012.


6) Attended and presented a paper in National Seminar on "Recent Advances in Rice Genomics and Biotechnology" organised jointly by the Department of Biotechnology and Palli Siksha Bhavana, Visva-Bharati, Santiniketan, 23-24 March, 2013.

Ongoing Research Projects

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

I. Name of the Teacher: Dr. B. Duary

II. Name of the Project: BBTR Project

III. Sponsoring Agencies: Crystal Crop Protection Private Limited, Delhi

IV. Amount Sanctioned: Rs. 5.28 lakhs (two years)
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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 (two years)

Extension activities:
1. Delivered lecture as faculty for competency building for the field team of TATA Chemicals Ltd. At RKVK on "Paddy and summer vegetables and fruits" on 10.05.2012.
2. Delivered Lecture on "Integrated weed management in rice" in the farmers Training Meeting on BGREI at village Rayhati in Sainthia Block on 11.05.2012 organised by Assistant Director of Agriculture (Administration), Sainthia Block, Ahmedpur, Birbhum, Department of Agriculture, Government of West Bengal.
3. As Resource person imparted Training and delivered Lecture on "Integrated weed management” in a Training programme of Head Master/ Achiever Farmer of Farm School under ATMA organized by RKVK, Birbhum on 17.05.2012.
4. Organised Parthenium Awareness Programme at Suri-I Block in collaboration with Department of Agriculture, Govt. of West Bengal on 24.08.2012.
5. Organised a Training Programme on "use of herbicide in field crops" at Suri-I Block in collaboration with Department of Agriculture, Govt. of West Bengal on 24.08.2012.
6. Delivered a lecture on "Problem of Parthenium and integrated management" in Parthenium Awareness Programme at Suri-I Block in collaboration with Department of Agriculture, Govt. of West Bengal on 24.08.2012.
7. Delivered a lecture on "Basic considerations of herbicide use in field crops” in a Training programme at Suri-I Block organised in collaboration with Department of Agriculture, Govt. of West Bengal on 24.08.2012.
8. Organised Parthenium Awareness Programme at village Damdama, Birbhum organised in collaboration with NGO ABSK on 30.08.2012.
9. Delivered a lecture on "New Alien Invasive weeds" in an Awareness Programme at Suri-I Block organised in collaboration with NGO ABSK on 30.08.2012.
10. Delivered a lecture on "New Alien Invasive weeds" in an Awareness Programme at KirnaharShibchandraHigh School on 25.08.2012.
11. Delivered a lecture on "Problem of Parthenium and its management” in Parthenium Awareness Programme at Damdama, Birbhum organised in collaboration with NGO ABSK on 30.08.2012.
12. Delivered a lecture on "New Alien Invasive weeds” in a Awareness Programme at Damdama, Birbhum organised in collaboration with NGO ABSK on 30.08.2012.
13. Delivered an invited lecture on "Crop Planning, crop rotation, seed priming, relay cropping in relation to rabi crops in a Programme at Damdama, Birbhum organised in collaboration with NGO ABSK on 30.08.2012.
14. Organised Parthenium Awareness Programme at village Damdama, Birbhum organised in collaboration with NGO ABSK on 30.08.2012.
18. Delivered Invited Lecture on "Role of green manuring and biofertilizers in increasing Agricultural Productivity' as an expert in the Seminar for the Progressive farmers on 15.02.2013 organised by the Department of Agriculture, Govt. of West Bengal on the occasion of 'Maati Utsav' held during 09.02.2013 to 15.02.2013 at Panagarh, Burdwan.
19. Delivered Invited Lecture on "Major classes of weeds" as an expert in the Technical Workshop for In-house Field & Technical Personnel organised by the Krishi Rasayan on 21.03.2013 at Puri, Odisha.
20. Delivered Invited Lecture on "Crop based major weed problem in Assam, Bengal and Orissa with special reference to Upland crop situation and their chemical control" as an expert in the Technical Workshop for In-house Field & Technical Personnel organised by the Krishi Rasayan on 21.03.2013 at Puri, Odisha.

T.V. Programme
21. Recording (06.5.2012) and Broadcasting a Programme on "Integrated Weed management in Jute" by Dooradarshan, Krishidarsan. Date of broadcast 30.05. 2012 and 01.06.2012.

Radio Programme:
Recording and broadcasting a lecture on Weed management in aman rice on 12.07.2012.

Academic Distinctions:
1. Councilor of Indian Society of Weed Science from West Bengal (2008 onwards).
2. Referee of two Professional Journal
3. Member of the Executive Committee of the Crop and Weed Science Society (2010-12).
4. Life member of
   i) International Weed Science Society
   ii) Indian Society of Agronomy
   iii) Indian Society of Weed Science
   iv) Indian Society of Agricultural Sciences
   v) Crop and Weed Science Society
   vi) Indian Science Congress.
7. Member, Research Board of Visva-Bharati.
8. PG Coordinator of Agronomy, Department of ASEPAN, PSB.

Publications:
Book Chapter:

Research papers:


G.C. Malik,
Associate Professor

National and International standard Conference/Seminar/Workshop/Exhibition:


4. Attended and presented a paper in the 100th Indian Science Congress organized by Indian Science Congress Association, held at Calcutta University, Kolkata, during January 3 to 7, 2013


Ongoing Research Projects

V. Name of the Teacher : Dr. G.C. Malik

VI. Name of the Project : GIS based spatial variability mapping of agricultural holdings for precision nutrient management in red and lateritic sol zone

VII. Sponsoring Agencies : International Plant Nutrition Institute

VIII. Amount Sanctioned : About
Extension Activities:
Radio/TV programme
1. Participated in a discussion on "Potato Cultivation" for Doordarshan, Santiniketan and broadcasted on December, 2012.
2. Participated in a discussion on Sesame” for Kisan Bani Programme of FM Radio, Santiniketan and broadcasted on February, 2008


Book Chapter:

Research papers:


Academic Distinction:
Life member of eight Professional Societies of Agricultural Science of National level.

Other relevant information

S. K. Maity
Conference/Seminar/ Workshop/Exhibition etc. attended
1. Participated and presented a research paper on "Productivity and profitability of direct seeded rainfed rice under different methods of sowing and seed priming” in ARRW Golden Jubilee International Symposium on Sustainable Rice Production and Livelihood Security: Challenges and Opportunities held during 2-5 March, 2013 at CRRI, Cuttack.
2. Participated and delivered an oral presentation of a research paper on "Productivity of Direct Seeded Rice Under Moisture Stress Condition - an experience with different methods of sowing and seed" in National Symposium on Biotic and Abiotic Stresses in Plants under Changing Climate Scenario held during 29-30 November, 2012 at UBKV, Coochbehar.

3. Participated and presented a research paper on "Effect of nitrogen management and seed priming with GA3 on the production of baby corn" in Golden Jubilee Seminar on Advances in Agricultural Research towards Food Security and Environmental Sustenance held during 1 - 3 September, 2012 at Palli Siksha Bhavana, Visva-Bharati, Sriniketan.

4. Participated in one day seminar on "Active Citizenship & cultural Transparency" held on November 18, 2012 at Santiniketan organized by Liberal Youth Forum in association with Alexis Centre for Agriculture and rural Development.

5. Participated in a workshop on "Rabindranath and Santiniketan" held during 10th& 24th February, 2013 organized by Tagore Studies Unit, Visva-Bharati.

Extension activities
2. Delivered lecture on Soil Moisture Conservation Techniques in a workshop on 17.08.2012 for the Beat Officers at Divisional Forest Office at Suri, Birbhum.


4. Participated in Krishi Darshan programme on Rain water conservation and water management telecast on 11.08.2012 as expert.

5. Participated in Krishi Darshan programme on Baby Corn Cultivation telecast on 04.06.2012 as expert.

6. Acted as a resource person in a Farmers Training meeting at Panagarh under sub-Divisional Level Krishi Mela on 15.01.2013.

Publications:

Academic Distinctions gained:
10. Attended a Short Course on "Modern Monitoring Tools for Enhanced Resource Use Efficiency in Rainfed Agriculture” organized by the Central Research Institute for Dryland Agriculture (CRIDA) at Hyderabad during the period of 04 - 13 October, 2012.

11. Serving as member, Central Admission Committee, Visva-Bharati

12. Life Member of Indian Society of Agronomy, IARI, New Delhi

13. Technical and Associate Professional Member of Fertiliser Association of India, New Delhi

14. Acted as external examiner of some University.

Mahua Banerjee

National and International standard Conference/Seminar/Workshop/Exhibition:

2. Participated and acted as rapporteur in One day seminar on Nutrient management in Crops for Sustainable Agriculture-Present Status and Future Need conducted by IPNI in collaboration with NBSS & LUP, ISSS and BCKV at Seminar Hall, NBSS & LUP, Salt Lake, Kolkata on 24th August, 2012


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**Ongoing Research Projects**

IX. Name of the Teacher : Dr. M. Banerjee  
X. Name of the Project : Evaluation of fertilizer potential of Sea weed saps on different crops  
XI. Sponsoring Agencies : CSIR- Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat  
XII. Amount Sanctioned : About 8.52 lakhs (2012-13)

**Extension Activities:**

Radio/TV programme  
4. Participated in a discussion on "Chinabadam chas" for Kisan Bani Programme of FM Radio, Santiniketan and broadcasted on 28.08.12.  
5. Participated in a live phone in programme on "Dal Sasyer chas" for Kisan Bani Programme of FM Radio, Santiniketan and broadcasted on 05.05.12.  

**Academic Distinction:**

Assistant Chief Editor of an International Journal  
Life member of five Professional Societies of Agricultural Science of National level.

**Publication:**

**Book Chapter:**


**Research papers:**


**Other relevant information**

i) Acting as NSS Programme officer.
K. Pramanik
Conference/Seminar/Workshop/Exhibition etc. attended
Participated and Presented Paper
1. Participated and presented paper in the National Seminar on "Advances in Agricultural Research towards Food security and Environmental Sustenance" organized by Palli Siksha Bhavana, Visva-Bharati, September 01-03, 2012.
2. Participated and presented paper in the National Symposium on "Plant Microbe Interactions and Crop Health Management" organized by Department of Plant Protection, PSB in collaboration with Indian Phytopathological Society, at Visva-Bharati, West Bengal, October 6-7, 2012.
3. Participated and presented paper in The First International Conference on Bio-resource and Stress Management organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013

Ongoing Research Projects in the Department:

i. Name of the projects:
   a) Trial on different grades of customized fertilizers on growth and yield of aman as well as boro paddy
   b) Trial on different grades of customized fertilizers on growth and yield of potato
ii. Sponsoring Agencies: IndoGulf Fertilizers for project (a) & (b)
iii. Amount Sanctioned
   a) Rs. 77,000/- for project "a"
   b) Rs. 71,500/- for project "b"

Extension activities
2. To participate in the krishidarshan program on paddy seed bed preparation ad treatment as an expert" for DDK, Santiniketan and telecast on June 25, 2012.
4. Delivered a lecture on "Modern practices of Moong Cultivation" in the Farmers' training under ATMA as a resource person organized by Assistant Director of Agricultural, Ausgram-I Block, Burdwan at Utka GP Meeting Hall 22ndJanuary, 2013.

Academic Distinctions gained:
1. Life Member of Indian Society of Agronomy, IARI, New Delhi
2. Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal
3. Life Member of Indian Society of Soil Biology and Ecology, Bengaluru
4. Serving as a Member of Anti-Ragging Committee, PSB, Visva-Bharati.
5. Serving as a Member of Anti-Ragging squads, PSB, Visva-Bharati.
6. Awarded "Young Scientist Award" in "The First International Conference on Bio-resource and Stress Management" organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013.
7. The paper entitled "Rethinking of Sundarban Mangrove through Community Participation" by Chandan Kumar Mondal, Bholanath Mondal, N. C. Sarkar, R K Mait, Kalipada Pramanik and H. Gonzalez Rodriguez was selected as best poster under the category of Biodiversity, Forestry and Biogeography in "The First International Conference on Bio-resource and Stress Management" organized by Ratikanta Maiti Foundation at ScienceCity, Kolkata, West Bengal, India, February 6-9, 2013.
8. The paper entitled "Influence of Biofertilizers and Homo-Brassinolide on Growth, Chlorophyll content and Yield of Lentil (Lens culinaris Medik) under Lateritic Belt of West Bengal" by A. K., Bera, Soma, Mukherjee, Anirban, Roy and
K. Pramanik, was selected as best poster under the category of Crop diversification, soil health and sustainable agriculture in "The First International Conference on Bio-resource and Stress Management" organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013.

9. Acted as Programme Coordinator in "The First International Conference on Bio-resource and Stress Management" organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013.

10. Acted as convener in the Technical session of Crop diversification, soil health and sustainable agriculture in "The First International Conference on Bio-resource and Stress Management" organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013.

Full papers


D. Panda

Conference/Seminar/Workshop/Exhibition etc. attended

Participated and Presented Paper

1. Participated and presented paper in the National Seminar on Advances in Agricultural Research towards Food security and Environmental Sustenance organized by Palli Siksha Bhavana, Visva-Bharati, September 01-03, 2012.

2. Participated and presented paper in the National Symposium on Plant Microbe Interactions and Crop Health Management organized by Department of Plant Protection, PSB in collaboration with Indian Phytopathological Society, at Visva-Bharati, West Bengal, October 6-7, 2012.

3. Participated and presented paper in The First International Conference on Bio-resource and Stress Management organized by Ratikanta Maiti Foundation at Science City, Kolkata, West Bengal, India, February 6-9, 2013.


Extension activities

Academic Distinctions gained:
1. Life Member of Indian Society of Plant Physiology, IARI, New Delhi
2. Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal
3. Life Member of Indian Society of Soil Biology and Ecology, Bengaluru
4. Serving as a Member of Anti-Ragging Committee, PSB, Visva-Bharati.
5. Serving as a Member of Anti-Ragging squads, PSB, Visva-Bharati.
6. Acted as member of Executive Committee “Recent Advances in Rice Genomics and Biotechnology jointly organized by Department of Biotechnology, Siksha Bhavana and Palli Siksha Bhavana, Visva-Bharati held at Santiniketan during March 23-24, 2013.

Publications of the year April 2012 - March 2013

Full papers

Goutam Kumar Ghosh
Seminar Attended:
National:
● Attended National Seminar on "National Symposium on Plant Microbe Interactions and Crop Health Management," 6-7th October, 2012., Visva-Bharati, Santiniketan, Birbhum, West Bengal, India,
● Attended National Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustainability", 1-3rd September, 2012,Visva-Bharati, Santiniketan, Birbhum, West Bengal, India.

Publications:(* International)
G. K. Ghosh
Pabitra Kumar Biswas
Seminar Attended:

International:
❖ Attended International Seminar on "Bio-resource and stress Management" on Feb., 6-9, 2013 at Science City, Kolkata, West Bengal, India,

National:
❖ Attended and presented paper in the West Bengal State Science and Technology Congress, Feb.28- March 02, 2013, Bengal Engineering University and Technology, Shibpur, Howrah
❖ Attended National Seminar on "National Symposium on Plant Microbe Interactions and Crop Health Management," 6-7th October, 2012., Visva-Bharati, Santiniketan, Birbhum, West Bengal, India,
❖ Attended National Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance", 1-3rd September, 2012, Visva-Bharati, Santiniketan, Birbhum, West Bengal, India.

Publications
❖ Full Length Research paper:

Designing New Course/Curricula:
Actively participated in designing new syllabus for UG and PG

Y. Vasudeva Rao
Seminar attended & gave presentations:
❖ International:
   ❖ International Seminar on "Bio-resource and stress Management"; Feb. 6-9, 2013; Science City, Kolkata, West Bengal, India,
   ❖ Global Meet of Biologists; Dec. 26-28, 2012; Indian Institute of Chemical Biology & Osmania University, Hyderabad.
   ❖ Biofest-2012; Dec. 12-13, 2012; Bright International Conferences & Events, Hyderabad.
❖ National:
   ❖ National Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance"; Sept. 1-3, 2012; Visva-Bharati, Santiniketan, West Bengal, India,

Publications
❖ Research papers in Journals:
   ❖ Abstract Publications in Conferences/Seminars:
Ch-II


P. KANDASAMY

Full Research Paper Published

Book Published

Paper Presented in Seminar/Conference/Symposium
1. Participated and presented a paper entitled "Advances in drying and dehydration of fruits and vegetables-a function of food security" in the Golden Jubilee Seminar on Advances in Agricultural Research towards Food Security and Environmental Sustenance held at the Institute of Agriculture, Visva-Bharati, Sriniketan during 1-3 September 2012.

International Articles Reviewed
1. Manuscript number GRJABS-12-238 entitled: "Effect of Chemical Preservatives on Service Life of Selected Wood Species Treated against Pests and Diseases" for Global Research Journal of Agricultural and Biological Sciences (GRJABS).

Membership in Scientific Society
1. Life member of the Association of Food Scientists and Technologists (India), Mysore.
2. Life member of the Indian Society of Agricultural Engineers, New Delhi.

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Extension Activities
1. Stall in-charge in the theme "Farm Mechanization" at Sriniketan Mela during 6-8 February 2013.
2. Conducted RAWE programmes on Farm machineries, Irrigation facilities and Postharvest technology at different
villages in the Birbhum District.

Kishore C. Swain
Peer reviewed Publications
Stress Management Journal. (Accepted).

Selected Conference Papers
- Swain, K.C. (2012). Impact of climate change on rice cropping, Golden Jubilee Conference, Visva-Bharati University,
West Bengal, India 1-3 September 2012.
tional conference of Bio-resource and Stress Management, held at Kolkata during 6-9 February, 2013.
- Swain, K.C., and D. Panda (2013). Rice yield prediction in DSSAT using PRECIS climate model, In the national
seminar on "Recent Advances in Rice Genomics and Bitechnology" Jointly organized by Department of Biotechnology

Membership/Committee
Life member of Asian Association of Agricultural Engineers (AAAE).
Member of American Society of Biological and Agricultural Engineers (ASABE).

Extension activity
Organizing committee member of Mag-Mela 2013 held during 6-8 March 2013.
Organizing co-coordinator of PSB stall with theme on "Farm Mechanization" of Mag-Mela 2013 held during 6-8 March
2013.
Organizing committee member of the Golden Jubilee Seminar held at Palli Siksha Bhavana, Visva-Bharati, Sriniketan
during 01-03 September, 2012.
Conducted coaching classes on Agri-Business Management for the outgoing students of B. Sc. (Ag.)Hons. Semester VIII
of 2012-13 for ICAR conducted JRF examination-2013.

Paper reviewed
YBENG-D-12-00381 (2012). Performance comparison of Fourier transform and its derivatives as shape descriptors for
mango grading, Biosystems Engineering.
PM-10059-2012 (2012). Attitudes and spray patterns of a roll-balanced agricultural unmanned helicopter, Transaction of
ASABE.
YBENG-D-12-00597: Two-Stage Approach for Detecting Slightly Overlapping Strawberries Using HOG Descriptor,
Biosystems Engineering.

Suchhanda Mondal
Seminar Attended:
International:
- Attended International Seminar on "Bio-resource and stress Management" on Feb., 6-9, 2013 at Science City,Kolkata,
West Bengal, India,
National:

Publications
- Full Length Research paper:

Manik Chandra Kundu,
Date of joining: Joined on February 01, 2013 as Assistant Professor of Soil Science, Department of ASEPN, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan-731 236, Birbhum, West Bengal, India.
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 - Nil

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

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

P. S. Munsi
Participated and acted as Chairperson (Technical Session-Horticulture) in the International Conference on Bio-Resource and Stress Management, 6-9th February'2013, Science City, Kolkata.
Participated and acted as Chairperson (Technical Session-Horticulture) in the National Symposium on 'In Quest of Second Green Revolution' 26-28th February'2013, Institute of Agriculture, University of Calcutta, Kolkata.

S. Chakravorty
Participated and presented research paper in First International Conference on Bio-resource and Stress Management during 6-9th February, 2013 at Science City, Kolkata, India.

Joydip Mandal
Participated and presented paper in Golden Jubilee Seminar on "Advances in agricultural research towards food security an environmental sustenance", 1-3 September, 2012, organized by Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal.

Prahlad Deb
Participated and presented paper in International Conference on Bio-Resource and Stress Management, 6-9th February'2013, Science City, Kolkata.
Participated and presented paper in National Symposium on 'In Quest of Second Green Revolution' 26-28th February'2013, Institute of Agriculture, University of Calcutta, Kolkata.

Amitava Paul
Participated and presented research paper in The First International Conference on Bio-Resource and Stress Management, organized by Ratikanta Maiti Foundation, Kolkata, during February 6 & 9, 2013.
Participated and presented research paper in the Golden Jubilee Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance" organized jointly by International Plant Nutrition Institute and Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, during 1-3rd Sept'12.
Participated and presented research paper in the 100th Indian Science Congress held at Calcutta University, Kolkata, during 3-7th Jan'13.
Nihar Ranjan Chakraborty
Participated UGC sponsored 88th Orientation Programme (28 days) at UGC Academic Staff College, The University of Burdwan and obtained "Grade-A" during October-November 2012.
Participated and presented research paper in the Golden Jubilee Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance" organized jointly by International Plant Nutrition Institute and Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, during 1-3rd Sept'12.

Ongoing research projects in the Department

P.S. Munsi
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/-).

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 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').

Academic distinctions gained by teachers/scholars of the Department as a whole (like recognition as D.S.A. or C.S.A. etc.).

P.S. Munsi
I. Member of Executive Council of The Society for the Advancement of Horticulture, B.C.K.V., Kalyani, Nadia, West Bengal (since 1996).
II. Member of Editorial Advisory Committee for Journal of Interacadamicia, Kalyani, West Bengal.
III. Member of the State Level Committee of National Horticulture Board, Govt. of India.
IV. Guest Teacher in Horticulture, University of Calcutta.
V. External Member of Ph.D. Committee, Department of Horticulture, Institute of Agricultural Science, University of Calcutta.
VI. External Expert for selection of Project Proposals on Technical Programme Discussion Meeting of BARC, Trombay, 6-7th February’2013, BCKV, Kalyani, West Bengal.
VII. Five students obtained Ph.D. degree under supervision.

Life Member of the following professional societies
i. Indian Science Congress Association.
ii. The Agricultural Society of India.
iii. The Society for the Advancement of Horticulture.
iv. Indian Association of Biological Sciences.
v. The Orissa Horticultural Society.
vi. Horticultural Society of India.
viii. The Essential Oil Association of India.
ix. International Society for Horticultural Science (up to 2014).

Acted as one of the Joint Chairpersons of National seminar on 'Recent Advances in Rice Genomics and Biotechnology' organized jointly by the Department of Biotechnology and Palli Siksha Bhavana held at Siksha-Bhavana (Institute of Science), Visva-Bharati, Santiniketan, during March 23 & 24, 2013.

S. Chakravorty
Life Member of the following professional societies
a) The Society for the Advancement of Horticulture.
b) The Indian Society of Vegetable Science
c) Seed Science Society of Bangladesh.

One student have submitted Ph.D. thesis under supervision.

Joydip Mondal
Acted as Joint Convener, Exhibition Sub-Committee, '91th Sriniketan Annual Festival (Magh Mela)', 6-8th February, 2013, Visva-Bharati, Sriniketan.
Acting as In-charge of Horticulture Farm, Palli Siksha Bhavana, Visva-Bharati, Sriniketan
Joined as 'Guest Lecturer' in the Department of Horticulture, Institute of Agricultural Sciences, Calcutta University

Acted as reviewer of research papers:
  i. African Journal of Agricultural Research
  ii. Asian Journal of Horticulture

Two students have submitted Ph.D. thesis under his supervision.

Life Member of the following professional societies:
  i. Indian Society of Vegetable Science, Varanasi
  ii. The Horticultural Society of India, New Delhi
  iii. The Karnataka Horticultural Society, Arabhavi, Karnataka
  iv. The Society for the Advancement of Horticulture, BCKV, West Bengal
  v. Indian Association of Hill Farming, Barapani, Umium, Meghalaya
  vi. The Orissa Horticultural Society, OUAT, Orissa
  vii. Seed science society of Bangladesh, BAU, Mymensingh

Prahлад Deb
Life Member of the following professional societies:
  ● The Horticultural Society of India, New Delhi
  ● The Society for Promotion of Horticulture, Bangalore
  ● Fruit Science Society of Bangladesh, Mymensingh, Bangladesh

Acting as In-charge of Horticulture Laboratory, Dept. of CIHAB, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
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P.C. Kole
Acted as reviewer of research papers:
Int J Soil Plant Sci
African J Agric Res
J Exp Biol Agric Sci
Acted as resource person and delivered a lecture on "Seed production in pulses" in the In Service Training Programme on "Pulse Seed Production Technologies" on 1st March'2013 at Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.

Amitava Paul
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" on 1st March'2013 at Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.
Acted as one of the Joint Conveners of National seminar on 'Recent Advances in Rice Genomics and Biotechnology' organized jointly by the Department of Biotechnology and Palli Siksha Bhavana held at Siksha-Bhavana (Institute of Science), Visva-Bharati, Santiniketan, during March 23 & 24, 2013.
Life member of the following societies
a) Crop and Weed Science Society
b) Biosciences & Agriculture Advancement Society, Meerut
c) The Indian Science Congress Association
Member of the editorial board of the journal HortFlora Research Spectrum
One student obtained Ph.D degree and one student submitted Ph.D thesis under supervision.

Nihar Ranjan Chakraborty
Acted as Organizing Secretary of National seminar on 'Recent Advances in Rice Genomics and Biotechnology' organized jointly by the Department of Biotechnology and Palli Siksha Bhavana held at Siksha-Bhavana (Institute of Science), Visva-Bharati, Santiniketan, during March 23 & 24, 2013.
Life member of Indian Science Congress association
Serving as Teacher-in-Charge, Games and Sports of Palli Siksha Bhavan.

Publications (Published during April 2011 - March 2012)

Research papers
P. S. Munsi

S. Chakravorty
Seminar Proceedings
International:

Joydip Mandal
Research papers

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Book Chapter


Seminar Proceedings
International Level


National


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Prahled Deb
Research papers

Books/ book chapters:

Seminar Proceedings
International level:

National level:

P. C. Kole
Research papers

Amitava Paul
Research papers


Seminar Proceedings


Nihar Ranjan Chakraborty

Research papers


Seminar Proceedings


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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.

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.

Future Plan

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.

Particulars in details of the Departmental Library:

At present there is no departmental library. For detail information please see the Annual Report of Palli Siksha Bhavana.
DEPARTMENT OF AGRICULTURAL EXTENSION, AGRICULTURAL ECONOMICS AND AGRICULTURAL STATISTICS (EES)

The Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics (EES) is one of the four departments of the Institute of Agriculture (PSB). It was created in the year 1989. The activities of the department comprises of all the three important activities, viz. teaching, research and extension. The department offers Master degree in the subject of Agricultural Extension and Ph.D. degree 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.

The faculty members of the department are actively engaged in guiding research scholars leading to Ph. D degree in component disciplines of the department. Presently, most of the faculty members of the department are also involved in innovative research work by undertaking various projects in collaboration with national and international institutes. Many of such projects are of multi-disciplinary and multi-institutional in nature. The department is performing commendable work in rural extension activities, catering the training needs of farmers, farm-women and rural youths of this region following the ideas of Gurudeva Rabindranath Tagore and L.K. Elmhirst. The Department also imparts training to students, scientists, extension personnel and other Govt. Officials through the Rural Agricultural Work Experience (RAWE) programme. Farmers-Scientists meeting cum Village Camps are organised every year to get acquainted with the farmers’ problems and help them find a solution.

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

Debasis Bhattacharya
(Head of the Department)
1. Workshop on Analysis of High-Dimensional and Functional Data in Honor of Professor Peter Hall, May 19-20, 2012, University of California, Davis, USA

Sarthak Chowdhury

Bidhan Chandra Roy
1. National Seminar on Advances in agricultural research towards food security & environmental sustenance, 1-3 September, 2012, organized by PSB, Visva-Bharati

Siddhartha Dev Mukhopadhyay
1. National Seminar on Advances in agricultural research towards food security & environmental sustenance, 1-3 September, 2012, organized by PSB, Visva-Bharati
3. National Symposium on Plant microbe interactions & crop health management, Organized by the Dept. of Plant Protection, PSB, VB, 6-7 October 2012

(Ms.) Anindita Saha
1. International Conference on Bio-Resource and Stress Management held on 06-09 February, 2013, organized by Ratikanta Maiti Foundation, Kolkata, W. B.
2. Advances in Agricultural Research towards Food Security and Environmental Sustenance, 1-3 September, 2012, organized by PSB, Visva-Bharati, Sriniketan,
3. Changing Rural Scenario in the New Millennium, 22-23 March, 2013, organized by PCK, Visva-Bharati, Sriniketan,

Digvijay Singh Dhakre
1. National Seminar on Advances in Agricultural Research towards Food Security and Environmental Sustenance, 1-3 September, 2012, organized by PSB, Visva-Bharati, Sriniketan,
2. International Conference on Bio-Resource and Stress Management held on 06-09 February, 2013, organized by Ratikanta Maiti Foundation, Kolkata, W. B.

Bitan Mondal

Ongoing Research Projects in the Department
Debasis Bhattacharya (Minor research project)
i. Name of the Project : On the reliability estimation of bridge system under dependent set up
ii. Sponsoring Agencies : UGC and Visva-Bharati

Bidhan Chandra Roy
Major Research Project (Externally sponsored)
i. Name of the Project : Water Quality Assessment of Coal Bed Water for Providing Irrigation to Agriculture
ii. Sponsoring Agencies : ESSAR Oil Limited
iii. Amount sanctioned : Rs. 277200/-

Minor research project (partial research grant of Visva Bharati)
i. Name of the Project : Diversification of Agriculture in West Bengal
ii. Sponsoring Agencies : Visva-Bharati

Institutional Project run by the department:
Dr. Siddhartha Dev. Mukhopadhyay
i. Name of the Teacher - Dr. Siddhartha dev Mukhopadhyay
ii. Name of the Project - Intensive Sugarcane Research Project
iii. Sponsor - Deptt of Agriculture, Govt of West Bengal
iv. Amount - Rs. 5, 97, 000 for the year 2012-13

(Ms.) Anindita Saha
Traditional Knowledge based Dairy farming- A study
Sponsoring Agency : Visva- Bharati

Detailed report on Extension activities for the year 2012-2013:
The department is involved in transfer of technologies (ToT) from its inception. The constant climatic change and due to low and irregular rainfall, the farmers of this area are facing acute shortage of water for cultivation of traditional crops. From last year the department has put more emphasis on transfer of technologies of low irrigated crops like vegetables, oil seeds, pulse crops, wheat etc.
Last year the department has conducted both on farm and off farm demonstration for cauliflower, cabbage, spinach, radish, carrot, brinjal, tomato and green chilli. Off farm demonstrations of lentil and mustard were also carried out.

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For 2012-13 the department has conducted 40 nos of demonstration at farmers’ field with early varieties of cauliflower, cabbage, tomato, brinjal and green chilli. Seedlings of short duration F1 hybrid varieties of cauliflower, cabbage tomato, brinjal and green chilli were produced. The seedlings were distributed to the adapted farmers to encourage them in vegetable cultivation. Some seedlings were distributed among the university staff and faculty members in order to see the quality of seedlings produced as a control experiment. Farmers got a very good price by selling their produce in the market.

Following varieties were produced:

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Variety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cauliflower</td>
<td>Deepa (F1 Hybrid)</td>
</tr>
<tr>
<td></td>
<td>Silver cup (F1 Hybrid)</td>
</tr>
<tr>
<td>Cabbage</td>
<td>Blue jays (F1 Hybrid)</td>
</tr>
<tr>
<td></td>
<td>Pusa Drum Head</td>
</tr>
<tr>
<td>Tomato</td>
<td>BSS 908 (F1 Hybrid)</td>
</tr>
<tr>
<td>Green Chilli</td>
<td>Surya Mukhi</td>
</tr>
<tr>
<td>Brinjal</td>
<td>Local Selection</td>
</tr>
</tbody>
</table>

Off Farm Demonstration varieties are given below:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Variety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil seeds :</td>
<td>B-9</td>
</tr>
<tr>
<td>Mustard</td>
<td>Maha Maya-1</td>
</tr>
<tr>
<td>Pulse crops :</td>
<td>Asha and Ranjan</td>
</tr>
<tr>
<td>Gram</td>
<td>Sonali, HD 2733, PWD 343</td>
</tr>
<tr>
<td>Lentil</td>
<td></td>
</tr>
<tr>
<td>Wheat</td>
<td></td>
</tr>
</tbody>
</table>

Last year we have irrigated our demonstration plot from the water of a dug well but lack of enough water in the well during summer months constrained us to conduct demonstration on Summer Vegetables. This year in March, we have installed one submersible pump in our demonstration farm which will remove the problem of water in the demonstration.

**Academic Distinction gained by Teachers / Scholars or the Department as a whole**

**Debasis Bhattacharya:**

Editorial Responsibilities:
1. Editor of the Journal "Stochastic Modeling and Applications"
2. Managing Editor of International Journal of Statistics and Management Systems, USA

Membership of Learned Society:

**Bidhan Chandra Roy**

1. Editor, International Journal of Social Science, New Delhi
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2. Joint Organizing Secretary, Golden Jubilee Seminar on "Advances in Agricultural Research towards Food Security and Environmental Sustenance" Palli-Siksha Bhavana, Visva Bharati
4. Vice-Principal, Institute of Agriculture, Visva Bharati (Till 31st June, 2012)
5. Vice-President, Rabindra Nath Tagore Research Society, Bolpur, Birbhum
6. Member, Governing Body, Agro-Economic Research Centre, Visva Bharati
7. Referee, Agricultural Economics Research Review, New Delhi
8. Life Member, Indian Society of Agricultural Economics, Mumbai
9. Life Member, Agricultural Economics Research Association, New Delhi

Radio-Television Talk etc
1. Sabuj Arthaniti (Green Economy), Television programme in Doordarshan Kendra, Santiniketan recorded on 20.05.2012 and telecasted on 22.05.2012 with repeat telecast on 05.06.2012.
2. Krishi bapanan, Khadya prakriyaakaran O Sangrakshak (Agricultural Marketing, Food Processing and Storage), Radio talk (Live phone-in) in the All India Radio, Santiniketan on 14.07.2012
3. Chukti Chas O Krishir Baichitrakaran (Contract Farming and Agricultural Diversification), Radio talk in the All India Radio, Santiniketan recorded on 18.06.12 and broad cast on 18.06.2012.
4. Khadya prakriyaakaran (Food Processing), Radio talk in the All India Radio, Santiniketan recorded on 18.06.12 and broad cast on 18.06.2012.

Digvijay Singh Dhakre
1. Received young scientist award in Agricultural Statistics in International Conference on Bio-Resource and Stress Management, Kolkata, February 6-9, 2013.

(April 2011 to March 2012)

Debasis Bhattacharya
1. Reliability of a Coherent System in a Multi-component Stress-strength Model (2013), American Journal of Mathematical and Management Sciences (Taylor & Francis), Vol.32, No.1, ISSN 0196-6324,

Book Chapters

Books Authored / Edited book

Sarthak Chowdhury

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Book Chapter

Bidhan Chandra Roy
Research Papers in Journal

Book

Book chapter

Siddhartha Dev Mukhopadhyay

Book

Dr. (Ms.) Anindita Saha

Bitan Mondal
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**Popular Article**

**Book**

**Any other relevant information:**
The department was able to maintain its record of high performance in teaching, research and extension activities, despite of severe constraints faced in terms of space, budget, infrastructure and non-teaching man power. This year two Ph. D. students have submitted their thesis for evaluation and two 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).

The department has also performed extremely well in many national and international collaborative projects, publication, extension activities and policy linkages with other departments and institutions. Prof. Debasis Bhattacharya of the department was invited to do collaborative research work and teaching at the University of California Davis, USA during March to June 2012. It is a great honour for the department that the paper presented by Prof. Debasis Bhattacharya in an international conference held at Pune in November was considered to be the best research paper by the adjudicators of the conference. Dr. Digvijay Singh Dhakre delivered lecturers as Resource Person of National Level Training Programme on "Data Analysis using SAS" organized by the Division of Agricultural Economics and Statistics, ICAR Research Complex for NEH Region, Umiam, Meghalaya during March 11-20, 2013.
DEPARTMENT OF PLANT PROTECTION

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations - One,
Sri Sangram Kumar Senapati

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

National Symposium on "Plant Microbe Interactions and Crop Health Management" & Twenty fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone) 2012 during 6-7 October, 2012.

This symposium was inaugurated by Professor Tapati Mukhopadhyay, Director, Rabindra Bhavana and Key note address was delivered by Professor (Retd.) Mrinal Kanti Dasgupta, Department of Plant Protection. Professor J.F. Dastur Memorial lecture was delivered by Professor B. N. Chakraborty, Department of Botany, North Bengal University. Prof. M.J. Narasimhan Merit academic award contest for Ph.D. awarded candidates of eastern zone was also organised. The technical sessions of the symposium include (i) Plant pathogens and their detection; (ii) Plant health, Plant Health Clinic & Host Pathogen Interactions; (iii) Ecology of Plant Pathogens and Plant Pathogen's vector(s); (iv) Plant Disease Epidemiology (v) Management of Plant Diseases and (vi) Innovative Technologies. An abstract of 90 papers and lectures was also published for this symposium. Faculty members, Scientists and Researchers and students from different parts of the country participated in this symposium and presented their research findings. In total, 81 papers were presented.Professor (Mrs. ) P. Sharma , Secretary, Indian Phytopathological Society delivered special lecture on "Trichoderma - Anchorage of Basic and Applied Research". The valedictory session was chaired by Professor Apurba Choudhury, Dean, Faculty of Agriculture, Uttar Banga Krishi Viswavidyalaya and delivered a lecture on "Foliar Blight of Wheat : Challanges and Strategies for a Better Disease Control. A cultural programme consists of Tagore's music and dance was also organised for the delegates on this occasion.

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

N.C. Mandal
i. Attended the Golden Jubilee Seminar on Advances in Agricultural Research Towards Food Security and Environmental Sustenance organised by Palli -Siksha Bhavana, Visva- Bharati, Sriniketan during 1-3 September, 2012.
ii. Attended the symposium on "Plant Microbe Interactions and Crop Health Management" & Twenty -fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone) 2012 during 6-7 October, 2012, organised by Department of Plant Protection, Visva- Bharati, Santiniketan
iii. Attended the National symposium on Ecofriendly Approaches to Pest Management for Sustainable Agriculture, organised by Society of Plant Protection and Environment, Orissa University of Agriculture and Technology, Bhuvaneswar during 24-25th November, 2012.
iv. Attended the Eastern Zonal Meetng of Indian Society of Mycology and Plant Pathology and National symposium on Biotic - Abiotic Stresses in Plants under Changing Climate Scenario organised by Department of Plant Pathology, Uttar Banga Krishi Viswavidyalaya, Coochbehar during 29-30 November, 2012.
v. Attended the 34 th Annual Conference of and symposium on Crop Disease Management : Advances and Challenges organized by Department of Plant Pathology, N.M. College of Agriculture, Navsari, Gujarat . during 21-23 January , 2013.

Kanchan Baral
i. Attended the Golden Jubilee Seminar on Advances in Agricultural Research Towards Food Security and Environmental Sustenance organised by Palli -Siksha Bhavana, Visva- Bharati, Sriniketan during 1-3 September, 2012.
ii. Attended the symposium on "Plant Microbe Interactions and Crop Health Management" & Twenty -fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone) 2012 during 6-7 October, 2012, organised by Department of Plant Protection, Visva- Bharati, Santiniketan
Ch-II

Hirak Chatterjee
i. Attended 13th AZRA Conference on Applied Zoological Researches for National Food Security & Environmental Protection; held on 15th -16th February 2012 at CRRI, Cuttack: AB-33-139p.
iii. Attended the symposium on "Plant Microbe Interactions and Crop Health Management" & 25th Annual General Meeting of Indian Phytopathological Society (Eastern Zone) 2012 during 6-7 October, 2012, Organised by Department of Plant Protection, Visva-Bharati, Santiniketan
v. Attended XI Agricultural Science Congress on "Agricultural Education: Shaping India's Future": Organised by National Academy of Agricultural Sciences & ICAR held on 7th -9th February 2013 at OUAT, Bhubaneswar-751003.
vi. Attended National Workshop on "Appraisal cum Data Validation for Nodal Officers of NISAGENET" Organised by IASRI, New Delhi & Institute of Agricultural Sciences, BHU: held on 19th -20th March 2013 at BHU, Varanasi, UP.

Ranjan Nath
i. Attended International Workshop on Innovative Teaching for Improved Learning organized by the University of Illinois, at Sheraton New Delhi Hotel, New Delhi, India 16-18 July, 2012
iii. Attended the symposium on "Plant Microbe Interactions and Crop Health Management" & Twenty-fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone) 2012 during 6-7 October, 2012, organised by Department of Plant Protection, Visva-Bharati, Santiniketan
iv. Attended and presented a paper entitled 'Evaluation of chemicals against Rhizoctonia solani Kuhn causing Sheath blight disease in rice under field condition' in the International Seminar on Bio-resource and Stress Management, Organised by Ratikanta Maity Foundation during February, 06-09, 2013 at Kolkata, India

Palash Mondal
i. Attended Golden Jubilee Seminar on 'Advances in Agricultural research towards Food security and Environmental Sustenance' held on 1-3rd Sept., 2012, Organised by Palli-Siksha Bhavana, Visva-Bharati in collaboration with IPNI.
ii. Attended National Symposium on 'Plant Microbe Interactions and Crop Health Management' held on 6-7th Oct., 2012, Organised by Department of Plant Protection, PSB, Visva-Bharati.
iii. Attended National Seminar on 'Climate Change and Indian Agriculture: Slicing Down the Uncertainties, CCIA-2013' held on 22-23rd January, 2013, Organised by Association of Agrometeorologists-AP Chapter and CRIDA, Hyderabad
iv. Attended West Bengal State Science & Technology Congress 2013, Organised by West Bengal Science & Technology Department, Govt. of West Bengal.

Mohan Kumar Biswas
i. Attended Golden Jubilee Seminar (National) on 'Advances in Agricultural research towards Food security and Environmental Sustenance' held on 1-3rd Sept., 2012, Organised by Palli-Siksha Bhavana, Visva-Bharati in collaboration with IPNI.
ii. Attended National Symposium on 'Plant Microbe Interactions and Crop Health Management' held on 6-7th Oct., 2012, Organised by Department of Plant Protection, PSB, Visva-Bharati.
iii. Participated in National symposium on " Blending Conventional and Modern Plant Pathology for Sustainable Agriculture" and 65th Annual meeting of Indian Phytopathological Society. Organised by Division of Plant Pathology, IIHR, Bangalore, Karnataka, India, during 4-6 December, 2012.

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Bholanath Mondal

i. Attended Golden Jubilee Seminar (National) on 'Advances in Agricultural research towards Food security and Environmental Sustenance' held on 1-3rd Sept., 2012, Organised by Palli-Siksha Bhavana, Visva-Bharati in collaboration with IPNI.

ii. Attended National Symposium on 'Plant Microbe Interactions and Crop Health Management' held on 6-7th Oct., 2012, Organised by Department of Plant Protection, PSB, Visva-Bharati.

iii. Attended National Seminar on 'Climate Change and Indian Agriculture: Slicing Down the Uncertainties, CCIA-2013' held on 22-23rd January, 2013, Organised by Association of Agrometeorologists-AP Chapter and CRIDA, Hyderabad.


Ongoing research projects in the Department

<table>
<thead>
<tr>
<th>Name of the teacher:</th>
<th>Name of the Project:</th>
<th>Sanctioned amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Hirak Chatterjee:</td>
<td>i) Sustainable Pest Management and yield enhancement of transplanted rice; Funded by Krishi Rasayan, Kolkata</td>
<td>Rs. 66,000/-</td>
</tr>
<tr>
<td>Dr. Bholanath Mondal and Dr. Palash Mondal</td>
<td>i) 'Bio-efficacy of Grace Hume 12% (based on Humic acid) and Bloomer NB (based on Nitro Benzene 35%) for sustainable production of Lady’s finger (Abelmoschus esculentus)' funded by Grace Bio-Care Pvt. Ltd., Kolkata.</td>
<td>Rs. 89,000/-</td>
</tr>
<tr>
<td></td>
<td>ii. Name of the Project: 'Investigation of some bio-enriched molecules for the management of potato pests and diseases' funded by Grace Bio-Care Pvt. Ltd., Kolkata.</td>
<td>Rs. 72,300/-</td>
</tr>
</tbody>
</table>

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

Act as President of the National Symposium on symposium on "Plant Microbe Interactions and Crop Health Management" & Twenty -fifth Annual General Meeting of Indian Phytopathological Society (Eastern Zone) 2012 during 6-7 October, 2012, organised by Department of Plant Protection, Visva-Bharati, Santiniketan
Ch-II

Hirak Chatterjee
i. Act as NODAL Officer, PSB, Visva-Bharati for the Project NISAGENET, ICAR, New Delhi.
iii. Acting as referee of the Journals in 'Insect Science' PAU, Ludhiana.
v. Acting as paper setter, thesis evaluator and external examiner in CAU, OUAT, UBKV and BCKV and AAU, Jorhat.
vi. Co-Chaired a session in the National Symposium on "Eco-friendly Approaches to Pest Management for sustainable Agriculture" held on 24th-25th November 2012 at OUAT, Bhubaneswar-751003

Ranjan Nath
i. Act as a paper setter and external examiner of Uttra Banga Krishi Viswavidyalay.
iii. Act as a rapporteur in Golden Jubilee National Seminar on 'Advances in Agricultural Research towards Food Security and Environmental Sustenance' held during September 01-03, 2012 Organised by Palli Siksha Bhavana, Visva-Bharati, Santiniketan.
iv. Chaired a Session in the International Seminar on Bio-resource and Stress Management, Organised by Ratikanta Maity Foundation during February, 06-09, 2013 at Kolkata, India

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
i. Acting as In-Charge of Placement Cell, PSB, Institute of Agriculture, Visva-Bharati, Santiniketan
ii. Life member of Indian Phytopathological Society, Division of Plant Plant Pathology, IARI, New Delhi, India, publish the Journal of Indian Phytopathology.
iii. Life member of Indian Society of Mycolosy and Plant Pathology, Division of Plant Plant Pathology, MPUAT, Udaipur, Rajasthan, India, publish the Journal of Mycology and Plant Pathology.
v. Life member of Association for Advancement in Plant Protection, publish the journal in Plant Protection

Bholanath Mondal
i. Received 'Young Scientist Award in Plant Pathology' on the event of the First International Conference on Bio-Resource and Stress Management held on 6-9 Feb., 2013 at Kolkata, jointly organised by Ratikanta Maity foundation, International Journal of Bio-resource and Stress Management and CRJJAF.
ii. Received 'Best Poster Paper Award' entitled 'Rethinking of Sundarabs Mangrove through Community Participation' on the event of the First international Conference on Bio-Resource and Stress Management held on 6-9 Feb., 2013 at Kolkata, jointly organised by Ratikanta Maity foundation, International Journal of Bio-resource and Stress Management and CRJJAF.
iii. Act as Co-PI of a project entitled 'Strengthening and Modernization of Pest Management Approach in India (SMPMA)' funded by Directorate of PPQ & S, Ministry of Agriculture, Govt. of India.
iv. Act as Co-PI of a project entitled 'Evaluation of Inhana Rational Farming Technology as an Economical way of Organic Cultivation and a Model for Exploring Sustainable Farming Practice' funded by Inhana Bio-Sciences, Kolkata
v. Acted as ‘Treasurer’ in the ‘First International Conference on Bio-resource and Stress Management’ held at Science City, Kolkata on 6-9th Feb., 2013.
vi. Appointed as an External Examiner of College of Agriculture, OUAT, Chiplima, Sambalpur, Orissa.

vii. Editor-in-Chief of the Journal Green Technology (ISSN 0973-2624).

viii. Reviewer of the Journal of Interacademia (ISSN 0971-9016).

ix. Editorial Board Member of the Journal of Bio-resource and Stress Management (Print ISSN 0976-3988, Online ISSN 0976-4038).


**Publications (Published during April 2012 - March 2013)**

**N. C. Mandal**


**K. Baral**


**Hirak Chatterjee**


**Ranjan Nath**

Maji, A. and Nath, R. (2012) Epidemiological studies on Xanthomonas campestris pv. campestris caused by black rot of cabbage under field condition in red lateritic zone (Birbhum) of West Bengal. J. Interacad. 16(3) : 614 - 617

**Palash Mondal**


M. K. Biswas


Bholanath Mondal


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 7 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.) Honours 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.

The department has planned to establish a Plant Health Clinic for providing single window solution to the farmers of adjoining areas as well as to set up a well-equipped laboratories for conducting research at Molecular level.
Patha Bhavana, the poets' school, was founded by Rabindranath Tagore in the model of Tapovana Education in 1901. The idea of 'going beyond' led to its growth as a University- Visva-Bharati- an Institution of National importance. As was contemplated it is primarily a residential institution, though there is facility to study as a day- scholar. It imparts education from K.G. to class-XII. After class X students take the 'School Certificate examination' and after class XII they take Pre-Degree Examination conducted by “Visva-Bharati”. Mrinalini Ananda Pathsala, established in 1954 in the name of Rabindranath's wife Mrinalini Devi, is the nursery unit of Patha-Bhavana. Children are admitted here at 4+ years. The children move on to Patha-Bhavana on completion of two years of learning at Pathsala.

Patha-Bhavana still upholds Tagore's idea of education, which he conceived going beyond learning to add to the completeness of an individual. It was and still is a deviation from conventional institution. Tagore tried to develop a curriculum which would be different from only text based learning. At Patha-Bhavana activities are designed to help children to learn the value of innovation and creativity. Students are exposed to paintings, clay modeling, handicraft and other creative assignments. Every student has to take part in music and dance. All these are given equal weightage in the learning process. Attending weekly prayer meetings, participating in the games & sports and festivals of the university are part of the life of being a student of Patha-Bhavana.

Facilities are there to let one's sensitive heart feel the harmony that exists in nature and to be one with it. Joy, freedom, mutual trust, co-operation, are the basic principles. These are actually manifested through Ashram Sammilani activities (Students, Council) which aim at development of self-discipline, self-restraint. It has several wings and notable among the wings are the activities of Paribesh Vibhaga (Environment), Sahitya-Vibhaga (Literary Unit), Seva Vibhaga (Social Service).

As on 31.12.2012 the role strength of Patha-Bhavana was 1176 out of these students’ 314 were Residents and 862 were Day scholars.

1. **Departmental Seminar (Speakers, Title of the Seminar, Date):** National Seminar was organized by the Bhavana from 21.2.2013 to 23.2.2013 on "Tagore's Patha Bhavana: Experiment in education."

2. **National and International Standard (Conferences / Seminars / Workshops / Exhibitions etc. attended by Teachers / Research Scholars in details.**

   A. Bodhirupa Sinha, Adhyaksha, delivered the inaugural lecture on 'Tagore's Patha Bhavana: Experiments in Education' in the National Seminar from 21st February to 23rd February, 2013 organised by Patha Bhavana, Visva Bharati

   B. Dr. Amitava Mukherjee, Asstt. Lecturer, (English) participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and presented a paper titled: 'The Curriculum at Patha Bhavana. '.

   C. Avik Ghosh, Grihadhyaksha, participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and delivered a lecture on: ‘ ‘

   D. Kishor Bhattacharya, Asstt. Lecturer, (Geography) participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and presented a paper titled: ‘ ‘

   E. Shilpi Mukherjee, Asstt. Lecturer, (History) participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and presented a paper titled: Tagore's Educational Ideas in the Context of Present Patha-Bhavana.
Nilay Ray  
16th April, 2012 : Successfully completed ICT in Education from UNESCO through e-learning. 

Dr. Nirmal Kr. Mahato,  
Asstt. Lecturer (History)  
Participated in the following Seminar/Workshop.  
Title of the paper: 'THE METHOD OF HISTORY TEACHING AT PATHA-BHAVANA'  

F. Shri Partha Chakravorty, Grihadhyaksha, participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and presented a paper titled:  

Priti C. Nartiang  
Asstt. Lecturer, Arts & Crafts  
attended the following Workshop/Seminar.  
(i) Techno India Group in collaboration with SSVAD on Art. September 22 to 24, 2012.  
(ii) National Workshop on Eco-Friendly printing with natural dyes, organised by Department of Silpa-Sadan, Visva-Bharati, Santiniketan, West Bengal. 8th to 9th December, 2012.

Seminar and Paper Presentation:  
National Seminar on Handloom Textiles, "THARI: Tradition in the Modern"  
Paper presented: "Indigenous and Ethnic Designs of North Eastern India" at Department of Painting (Banaras Hindu University) in collaboration with Department Commissioner of Handlooms, Ministry of Textile Govt. Of India on 22nd - 23rd February, 2013.  
(vii) Paper Presented Published at Nandan Magazine by History of Art Department, Kala Bhavana, Visva-Bharati University.  
Title - "Textile of the North Eastern Region of India", December - 2012.

Rati Basu, Asstt. Lecturer, (Drawing and Painting) participated in the following Seminar/Workshop.  
Ch-II

Shilpi Mukhopadhyay,  
Asstt. Lecturer, (History)  
Participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and presented a paper titled: 'On the Educational Philosophy and Ideals of Rabindranath'.

J. Shri Tarit Roy Choudhuri, Asstt. Lecturer, (Bengali) participated in the National Seminar on 'Tagore's Patha Bhavana: Experiments in Education' from 21st February to 23rd February, 2013 and presented a paper titled:

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

(i) The Dance Drama 'Chandalika' was performed on the occasion of the Bengali New Year on 15 April 2012.
(iii) A group of 15 students of Patha-Bhavana staged Rabindranath Tagore's 'Bharga Gara' in a state level competition of short plays (School level) organized by 'Aneek' at Yuba Bharati Krigangan, Kolkata in September 2012.
(iv) 'Kshirer Putul' and 'Muktadhar' were performed during Sharad Utsav on 1st and 2nd October, 2012.
(v) The teachers and students of Patha Bhavana staged Tagore's 'Dakghar' on the occasion of the centenary year of the play as a part of a Seminar organized by Rabindra Bhavana.
(vi) Different Cultural Programme like 'Sahitya Sabha' and other activities like 'Dan Sangraha' and 'Gram Paridarshan' were regularly held by the Asram Sammilani. The Ashram Sammilani celebrated its centenary this year. A day-long programme was organized on 19.12.2012 in this regard.
(vii) Different NSS activities were performed by the students of class XI & XII.

Publications within the year April 2012 - March 2013:

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

Rati Basu:

(i) Publication: Article titled 'Learning in Joy' published in the special issue on Arts in School Education of the 'Learning Curve' issue XVIII, September 2012. A publication from Azim Premji University.
Books: All illustrations in the book: Monisha and the stone Forest (English), Monisha ar Pathorer Bon (Bengali). Published by Geological Society of India, Bangalore; Popular Science Series Number 5, August 2012. Written by Nigel Hughes, Professor of geology at the University of California, Riverside.

Tarak Nath Saha

(i) Large amplitude double-layers in a dusty plasma with a q-nonextensive electron velocity distribution and two-temperature isothermal ions. PHYSICS OF PLASMAS 19, 042113 (2012). Published On Line 30 April 2012.
(iii) Effect of ion temperature on ion-acoustic solitary waves in a plasma with a q-non-extensive electron velocity distribution. PHYSICS OF PLASMAS 19, 104502 (2012).
SIKSHA-SATRA
(INSTITUTE OF HIGHER SECONDARY EDUCATION)

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 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 doesn't have residential facility.

Departmental Seminar (Speakers, Title of the Seminar, Date):
One day seminar on 'Rabindranath and Upendrakishore in Bangla Children's Literature', 9th March 2013, Santosh Pathshala, Siksha-Satra.

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

Asim Kumar Majumdar
i) Attended with Paper presentation in the 'International Seminar on History of Mathematics', November 19-20, 2012, Ramjas College (PG College under University of Delhi), New Delhi
ii) Attended with Paper presentation in the 'International Conference on History and Development of Mathematical Sciences', November 21-24, 2012, MD University, Rohtak, Haryana

Dibyendu Mondal
i) Attended a workshop on 'Learner-Centred Classrooms', conducted by the British Council on 18th March 2013 in Kolkata
ii) Attended a one-day seminar on 'Rabindranath and Upendrakishore in Bangla Children's Literature', 9th March 2013, Santosh Pathshala, Siksha-Satra
iii) Read poems in the Poetry Festival, dedicated in the memory of Sunil Gangopadhayay, on 1st March 2013 at Lipika, Santiniketan, organized by Abrittilok, Kolkata, with the financial support of the Ministry of Culture, Government of India, and in collaboration with Sahitya Akademi and Visva-Bharati Adhyapaka Sabha

iv) Attended a one-day English Language Teaching Workshop, Conducted by Oxford University Press on 23rd February 2013 in Santiniketan

v) Attended a workshop on 'Positive Influencing Skills', conducted by the British Council on 18th December 2012 in Kolkata

vi) Attended a workshop on 'Effective Team Communication', conducted by the British Council on 17th December 2012 in Kolkata


Others
i) Coordinated Helga Todd Teachers' Education Foundation Award Programme in Visva-Bharati from the month of June to August in 2012 in association with Faculty of Education, University of Cambridge

Ganesh Mondal
i) Presented a paper entitled 'Generation of dressed soliton in a four component dusty plasma with nonthermal ions', in a seminar in the Department of Mathematics, Visva-Bharati, 17-18 March 2013

ii) Attended a National seminar on 'Mathematics and Its Application', in the Department of Mathematics, Visva-Bharati, 30 March 2013

iii) Attended a workshop on 'National e-Governance Plan', organized by Computer Centre, Visva-Bharati, sponsored by Department of Electronics and IT, Ministry of Communications & IT, Government of India, on 3rd December 2012 in Santiniketan

Ipsa Bandyopadhyay
i) Present paper at the International Tagore Conference on 'Tagore: The Global Impact of the Writer in the Community', 4-6 May 2012, Edinburgh Napier University, Scotland

ii) Presented paper at a seminar on 'Tagore's Patha-Bhavana: Experiments in Education', 21-23 February 2013, Patha-Bhavana, Visva-Bharati, Santiniketan

Krishnendu Dey
i) Attended a workshop on 'National e-Governance Plan', organized by Computer Centre, Visva-Bharati, sponsored by Department of Electronics and IT, Ministry of Communications & IT, Government of India, on 3rd December 2012 in Santiniketan

ii) Participated in the 17th National Conference of Indian Aerobiological Society on December 13-15, 2012 at Puna, on 'Impact of Airborne Microbes' jointly organized by Maeers Arts, Commerce and Science College, Puna, Maer's Maharashtra Institute of Pharmacy, and displayed a poster namely 'Circadian Pollen Release in Perthenium Hysterophorus L’

iii) Attended a National Symposium on 'Plant Microbe Interaction and Crop Health Management', organized by Department of Plant Protection, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, on October 6-7, 2012

iv) Attended a one-day seminar on 'Rabindranath and Upendrakishore in Bangla Children's Literature', 9th March 2013, Santosh Pathshala, Siksha-Satra

Sandeep Kumar Bhakat
i) Attended with paper presentation in the 'International Seminar on History of Mathematics', November 19-20, 2012; Ramjas College (P. G College under University of Delhi), New Delhi.

ii) Attended with paper presentation in the 'International Conference on History and Development of Mathematical Sciences', November 21-24, 2012; M. D. University, Rohtak, Haryana.

iv) Attended with Paper presentation in the 'National Meet on Celebration of National Year of Mathematics-2012',

Vandana Hazra
i) Attended a District level Kabadi coaching camp, under 17 years girls group, as a Coach at Bolpur Stadium in the month
of August 2012.
ii) Took the State level Athletic Team to Salt Lake Stadium, Kolkata, as a team Coach for Girls from 3 to 5 January 2013.

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

i) The students of Siksha-Satra staged Tagore's play 'Chandalika' at Gourprangan on 25th Baisakh.
ii) The students of Siksha-Satra staged two plays: Gupi Gayen Bagha Bayen, directed by Md Mozharul Hamid, and Satyi
Satyi Khela, directed by Gargi Ghosh.
iii) The NSS Unit of Siksha-Satra organized a blood donation camp on 2 August with the help of Bolpur Sub-Divisional
Hospital, Sian. 70 participants donated blood.
iv) In July 2012, students of Class XII participated in a certificate course on Blood Donation in association with West
Bengal Association of Voluntary Blood Donors.
v) 85 Cadets, including 40 Girl Cadets and 45 Boy Cadets, participated in NCC in the current academic year. In October
2012, the Cadets took part in Firing Practice in 50 Bengal Battalion.
vi) A team of 20 persons, including students, teachers and non-academic staff, toured Sri Lanka from 25 September- 7
October 2012, being invited by the Principal, Hillwood College, Kandy. The students of Siksha-Satra performed
Tagore's two dramas: Chandalika, and Rituranga.

vii) An Art and Craft exhibition was organized at Nandan, Kala-Bhavana, from 7 September to 11 September 2012.
viii) Students participated in different events in Athletic Meet at Block and Sub-Division District and State levels. At the
District level Jay Haque Mondal of Class VI stood First in Shot Put, and Sudipta Mondal of Class VI stood Third in
200 Mts Sprint. At the State level Jay Haque Mondal secured fourth position.
ix) On 7 August, Abantika Ghosh and Saikat Das of Class X, participated in the District level Discussion on Mathematics
Education in India: Past, Present and Future, jointly organized by National Council of Science Museum, Govt of India,
and Department of Youth Services, Govt of West Bengal. Abantika Ghosh bagged the second prize.
x) Study Tours were conducted in Nainital, Lucknow, Rajgir, Gaya, Deul and Jaydev.

Asim Kumar Majumdar
i) Life Member of Indian Society for History of Mathematics

Dibyendu Mondal
i) Qualified the UGC-NET for Lectureship held in June 2012 in the subject English
ii) Life Member of Indian Association for Commonwealth Literature and Language Studies
iii) Member of English Language Teachers' Association of India
iv) Member of The Asian Association of Teachers of English as a Foreign Language

Publications within the year April 2012 - March 2013.

Dibyendu Mondal
Text books:
Pre-Degree English Selections, (3rd Edition), co-edited with Uma Chatterjee (Visva-Bharati, 2012)

Ganesh Mondal
Research Papers. (Author(s), title of Paper, year Journal volumn No., Pages)
'Dust acoustic dressed solitons in a four component dusty Plasma with superthermal electrons', Journal of Science and
Technology in the Tropics, 8 29-40, 2012

Md Mozharul Hamid
i) Other books:
Oder Putul, published by Bhasa Lipi

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OTHER ACADEMIC CENTRE

RABINDRA-BHAVANA

HISTORY OF RABINDRA-BHAVANA

It is indeed interesting that Rabindranath, despite his numerous foreign tours and several visits ranging from capitals of states to remotest corners of the country which earned for him the coveted title of the 'wayfarer poet', always nurtured a desire to shift to manifold abodes, dictated either by necessity or emanating from an urge for diversity. However, towards the end of his life the poet initiated construction of a mud hut with thatched roof in an almost deserted land by the side of 'Khoai' river. He fondly named it 'Rabi's Uttarayana'. Subsequently five houses viz. Konark, Udayana, Udichi, Shyamali and Punascha, vibrating with his reminiscences during his stay in the last twenty years of his life, add a new dimension to the ambience of entire Uttarayana Complex.

The construction of Bichitra - the first house on the left in Uttarayana Complex in 1961 i.e the birth centenary year of Rabindranath Tagore and subsequently named as Rabindra-Bhavana, is 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 and Research and Lipika Manuscriptorium and Hall 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 Paridasaka of the Visva-Bharati.

Name of the Adhyaksha of the Bhavana and Director, Culture & Cultural Relations: Professor Tapati Mukhopadhyay

Activities and Achievement of different Units of Rabindra- Bhavana in the financial year 1st April, 2012 to 31st March, 2013.

Museum:
The newly - renovated Rabindra-Bhavana Museum was inaugurated by Sri M.K.Narayanan, Hon'ble Governor of West Bengal and Rector, Visva-Bharati on 6th August, 2012. Thousands of visitors, emerging from different parts of India and abroad visit this biographical museum to pay their tribute to the efflorescence of Tagore's creativity.

Revenue: (from 09.08.2012 to 31.03.2013)

Gate Money received from adults
[ @ of Rs. 10/- per head]
(Total tickets sold: 1, 44,450 numbers)

Gate Money received from students and children
[ @ of Rs. 5/- per head]
(Total tickets sold: 31,256 numbers)

Total

Gifts received by Museum:

<table>
<thead>
<tr>
<th>Sl.no.</th>
<th>Name of Donor</th>
<th>Description of material</th>
<th>Acc.no.</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Received through Prof. U.N.Singh- (Pro-V.C.)</td>
<td>Address from office of Mayor, city of New York on Rabindranath Tagore Day</td>
<td>12.4350.6</td>
<td>26.4.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Size: 47x33cm.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Rs. 16, 00,780.00

(Rupees Sixteen Lakh Seven Hundred Eighty)

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Particulars of work done in the financial year 2012-13:

1. Accessioning of New arrivals (Original Documents)  
   Acc. Nos.278---279 ( 02 collections accessioned) Other four collections are under process

2. Accessioning of New arrivals (Copy).  
   01

3. Accessioning of New arrivals (CD/DVD)  
   Acc. Nos. 41-44 ( 04 collections accessioned)

4. Nos. of Scholars/ Researchers attended  
   133

5. Nos. of DVD issued to different Scholars/Researchers at different times  
   550 DVD (JPEG ) issued different times to consult Documents.

6. Original documents shown to Researchers/ Scholars  
   05 Documents.

7. Information rendered to different Scholars/Researchers/ users  
   75 occasions

8. Telephonic/ Mobile/e-mail information rendered to different Scholars/ Researchers/ users at different times  
   148 occasions

9. Nos. of Manuscripts cleaned in the Strong Room  
   110

10. Nos. of Pages photographed on different occasions (Documents taken out from Strong Room and restored after work).  
    Nil

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11 Print-outs given to different Scholars/ Researchers/users. 119 pages Reprographic job done by the personnel of the Archives

12 Nos. of images from JPEG to transfer in CD/DVD/ Pen drive for Scholars/ Researchers/ Official Purpose. 3620 Reprographic job done by the personnel of the Archives

13 Nos. of images from TIFF taken out from the Strong Room to transfer in CD/DVD for Scholars/ Researchers/ users. 4717 Reprographic job done by the personnel of the Archives

14 Attended Distinguished Visitors/ Dignitaries at different times. Documents shown on 37 different occasions.

15 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.

### Particulars of work done in the financial year 2012-13:

Coverage of Visva-Bharati functions:
1. Audio recording 21 Hours
2. Video recording 30 Hours

**Coverage of Rabindra Bhavana seminar, literary session and work-shop:**
1. Audio recording 32 Hours
2. Video recording 55 Hours
3. Still photography 7630

**Routine work:**
1. Audio service rendered to the scholars: 10 Hours
2. Video service rendered to the scholars: 6 Hours
3. Glass negative scanning: 2
4. Conventional negative scanning: 102
5. Photograph digitization: 622 Images
6. Digital image restoration: 87 Images
7. Gramophone disc cleaning: 112

**Unit routine work (Photo section):**
1. Number of scholar attended: 110
2. Digital images on CD given to scholars: 1016 images

**Gift received:**
1. Audio CDs: Nil
2. Video CDs: 4 Numbers
3. Digital photographs on CD: 2 CDs
4. Number of digital images: 42

**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.
### Particulars of work done in the financial year 2012-13:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Type of Particulars</th>
<th>Total Number of Books/Others.</th>
<th>Total Number of Pages</th>
<th>Total Number of Sheets</th>
<th>Treatments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tissue Repair/ Tissue Lamination. (Tagore Estate Papers, 133 years old)</td>
<td>29 (Bunch of Documents)</td>
<td>5716</td>
<td>2858</td>
<td>Fumigation for Insect Killing, Documentation through Digitization, Pagination, De-Binding, Dry-Brushing, De-Acidification (Aqueous &amp; Non-Aqueous), Tissue Lamination &amp; Repair, Serialization, Half Leather &amp; Full Cloth Binding and Wrapping.</td>
</tr>
<tr>
<td>4</td>
<td>Book Binding</td>
<td>249</td>
<td></td>
<td></td>
<td>General Binding Process.</td>
</tr>
<tr>
<td>5</td>
<td>Photographs</td>
<td>Nil</td>
<td></td>
<td></td>
<td>Mechanical Cleaning, Ink-Fixing, Stain Remove, P.H. Test, De-acidification, Tissue Repairing and Mounting.</td>
</tr>
<tr>
<td>6</td>
<td>Newspaper Clippings</td>
<td>20</td>
<td>1607</td>
<td></td>
<td>Mark wise cutting, dating, pasting on paper and</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Ch-II</th>
<th>mark by seal and number.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Binding of Paper Clipping</td>
<td>Full-cloth Binding.</td>
</tr>
<tr>
<td>8 Cover Binding</td>
<td>General Binding with paper.</td>
</tr>
<tr>
<td>9 Folder (Gramaphone, Record Player and C.D. etc.)</td>
<td></td>
</tr>
<tr>
<td>10 Binding Tissue</td>
<td>Only tissue used for binding.</td>
</tr>
<tr>
<td>11 Miscellaneous works, day to day Stitching for entire Bhavana's requirements and occasionally helping the sales counter and functioning as Museum Guide etc.</td>
<td>100 approx. (Stitching).</td>
</tr>
<tr>
<td></td>
<td>400 approx (Making Sets).</td>
</tr>
</tbody>
</table>

**Rabindra Charcha Prakalpa and Research:**

With a view to promote Tagore-centric research, this unit has published research journal 'Rabindrabiksha' vol. 52 and 53 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 10th and 24th February, 2013 at Lipika Auditorium. Quite a few Tagore scholars discussed about Tagore and his relevance in contemporary global scenario.

**Kalanukramik Rabindra Rachanavali Prakalpa:**

A research team comprising young scholars is working at break-neck speed under the guidance of eminent scholars. The first volume of KRR is almost on verge of completion and is going to be published shortly.

Major Research Project funded by UGC: Dr. Amrit Sen, Associate Professor, Department of English, Visva-Bharati and at present attached to Rabindra-Bhavana for higher research, has been assigned a Major Research Project entitled 'Tagore and Science', funded by UGC.

**Lipika Manuscriptorium:**

Lipika Manuscriptorium is a repository of about 12500 Manuscripts pertaining to different languages and archaic scripts such as Sanskrit, Bengali, Oriya and Tamil as well as Surul and Joydev Kenduli records. The writing materials of the MSS are in palm-leaf, Teret Palm leaf, Sanchipat and Tulot paper. Acquisition of MSS, Fumigation, Preventive and Curative Conservation (with the help of INTACH and National Archives of India) examination, identification, shelf marking, keeping the items in the stack according to accession number, preparation of hand list, preparation of Descriptive Catalogues, Augmenting users activities and Editing of MSS are carried out by the centre.

A five day's Workshop on 'Preventive Conservation of MSS' was organised in collaboration with the MRC Calcutta University, Kolkata under the patronage of National Mission for Manuscripts (NMM), New Delhi during 9-13 September, 2012.

A MoU has already been signed between Visva-Bharati and NMM and Lipika Manuscriptorium, Rabindra-Bhavana has been declared by the NMM as a Manuscript Resource Centre.
A certificate course on Manuscriptology is proposed to be introduced from the ensuring academic season for which administrative paraphernalia has already been taken care of.

No. of MSS: (1) Bengali-7752, (2) Sanskrit-3549, (3) Oriya-1102, (4) Tamil-16

MSS Conserved by INTACH:
- a) Preventive - 8384 bundles
- b) Curative-2013 bundles

Rabindraprabaha/Seminar/Workshop/Conference/Exhibition/Publication/Important Event etc.
(From May 2012 to March 2013)

### Rabindraprabaha:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Date</th>
<th>Title</th>
<th>Venue</th>
<th>Organised by</th>
<th>Name of the Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27-05-12</td>
<td>Rabindranather Sikhya Chinta</td>
<td>Udayana Griha, Uttarayan.</td>
<td>Rabindra-Bhavana</td>
<td>Rabindra-Prabaha</td>
</tr>
<tr>
<td>2</td>
<td>24-06-12</td>
<td>Rabindranather Sikhya Chinta</td>
<td>-Do-</td>
<td>-Do-</td>
<td>Rabindra-Prabaha</td>
</tr>
<tr>
<td>3</td>
<td>29-07-12</td>
<td>Rabindranather Sikhya Chinta</td>
<td>-Do-</td>
<td>-Do-</td>
<td>Rabindra-Prabaha</td>
</tr>
<tr>
<td>4</td>
<td>26-08-12</td>
<td>Keno Sriniketan</td>
<td>-Do-</td>
<td>-Do-</td>
<td>Rabindra-Prabaha</td>
</tr>
<tr>
<td>5</td>
<td>20-11-12</td>
<td>After Tagore 150-How to go from here: Some personal reflections</td>
<td>-Do-</td>
<td>-Do-</td>
<td>Rabindra-Prabaha</td>
</tr>
<tr>
<td>6</td>
<td>19-01-13</td>
<td>Tagore's song in Hindi</td>
<td>-Do-</td>
<td>-Do-</td>
<td>Rabindra-Prabaha</td>
</tr>
</tbody>
</table>

### Smarane Barane:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Date</th>
<th>Title</th>
<th>Venue</th>
<th>Organised by</th>
<th>Name of the Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>03-06-12</td>
<td>Rathindranath Sriniketan Fresco</td>
<td>Rabindra-Bhavana</td>
<td>Smarane- Barane</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>27-08-12</td>
<td>Swarna Kumari Devi</td>
<td>Rabindra-Bhavana</td>
<td>Smarane- Barane</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>30th Sep, 2012</td>
<td>Saraladevi Choudhurani</td>
<td>-Do-</td>
<td>-Do-</td>
<td>Smarane- Barane</td>
</tr>
</tbody>
</table>

### Other important events:

1. 22nd Sraban, Inauguration of Program Museum Room: Vichitra Reading Room Rabindra-Bhavana 1419 B.S.
2. 12-09-12 Padma Boat Presentation Vichitra Hall & Lipika Auditorium Rabindra-Bhavana Sangit-Bhavana International event cultural programme
## Ch-II

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 18-12-12</td>
<td>Release of bilingual version of Gitanjali by Hon'ble Governor, West Bengal and presentation of first copy to Hon'ble President of India.</td>
<td>Rathindra Visva-Bharati &amp; Rabindra-Bhavana</td>
<td>Visit by Hon'ble President of India.</td>
</tr>
<tr>
<td>4 19-12-12</td>
<td>Scientific Thought of Rabindranath Tagore</td>
<td>Uttaran Prangana</td>
<td>Visva-Bharati -Do-</td>
</tr>
</tbody>
</table>

### Seminar/ Workshop/Conference/Others:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 07-07-12</td>
<td>Satabarshe Tagore's song Offerings'</td>
<td>Lipika Auditorium</td>
<td>Rabindra-Bhavana &amp; Sangit-Bhavana Cultural programme</td>
</tr>
<tr>
<td>2 9 to 13Sep, 2012</td>
<td>Preventive Conservation Workshop of Manuscripts</td>
<td>Rabindra-Bhavana &amp; National Manuscript workshop</td>
<td>Mission</td>
</tr>
<tr>
<td>3 03-12-12</td>
<td>Centenary Celebration of drama 'Dak -ghar'</td>
<td>Rabindra-Bhavana</td>
<td>Seminar followed by dramatic performance by Patha-Bhavana and exhibition.</td>
</tr>
<tr>
<td>4 03-02-13</td>
<td>Gitanjali to Song Offerings: A Tribute to Rabindranath Tagore.</td>
<td>Rabindra-Bhavana</td>
<td>National Seminar</td>
</tr>
<tr>
<td>5 10-02-13</td>
<td>Rabindranath &amp; Santiniketan</td>
<td>Rabindra-Bhavana &amp; Tagore Studies Unit, Visva-Bharati</td>
<td>Workshop</td>
</tr>
<tr>
<td>6 17-02-13</td>
<td>'Victoria Ocampo'</td>
<td>Rabindra-Bhavana</td>
<td>Presentation of Tagore memoria bilia followed by a seminar.</td>
</tr>
<tr>
<td>7 24-02-13</td>
<td>Rabindranath &amp; Santiniketan</td>
<td>Rabindra-Bhavana &amp; Tagore Studies Unit, Visva-Bharati</td>
<td>Workshop</td>
</tr>
</tbody>
</table>
Ch-II

8  14th to 15th March, 13  "A Man of Letters: Rabindranath Tagore And His Epistles" -Do- Rabindra-Bhavana International Conference.

9  24th March, 2013  Rathindranath the Unsung Hero -Do- Rabindra-Bhavana National Conference

Exhibitions Organized by Rabindra-Bhavana:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Date from</th>
<th>Date to</th>
<th>Venue</th>
<th>Title/Theme</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>08-05-12</td>
<td>05-08-12</td>
<td>Vichitra Hall, Rabindra-Bhavana</td>
<td>Rabindranath Tagore, Glimpses of his life</td>
</tr>
<tr>
<td>2</td>
<td>03-06-12</td>
<td>17-06-12</td>
<td>Sriniketan Fresco</td>
<td>Smarane-Barane: Rathindranath Tagore.</td>
</tr>
<tr>
<td>3</td>
<td>02-08-12</td>
<td>18-08-12</td>
<td>Vichitra Hall, Rabindra-Bhavana</td>
<td>Dwarakanath Tagore</td>
</tr>
<tr>
<td>4</td>
<td>27-08-12</td>
<td>03-09-12</td>
<td>Udayana, Uttarayana</td>
<td>Smarane-Barane: Swarna Kumari Devi</td>
</tr>
<tr>
<td>5</td>
<td>03-12-12</td>
<td></td>
<td>Lipika Auditorium</td>
<td>Dakghar</td>
</tr>
<tr>
<td>6</td>
<td>20-12-12</td>
<td></td>
<td>-Do-</td>
<td>&quot;Alex Aronson (30 October, 1912 to -10 December, 1995)</td>
</tr>
<tr>
<td>7</td>
<td>23-12-12</td>
<td>26-12-12</td>
<td>Exhibition Stall, Pous Mela Ground</td>
<td>Centenary Celebration of &quot;Dakghar&quot; From Gitanjali to Song Offerings</td>
</tr>
<tr>
<td>8</td>
<td>03-02-13</td>
<td>11-02-13</td>
<td>Bichitra Hall, Rabindra-Bhavana</td>
<td>Victoria Okampo and Tagore: a Vibrant Relationship</td>
</tr>
<tr>
<td>9</td>
<td>03-02-13</td>
<td>11-02-13</td>
<td>Bichitra Hall, Rabindra-Bhavana</td>
<td>Victoria Okampo and Tagore: a Vibrant Relationship</td>
</tr>
</tbody>
</table>

Ongoing Research Projects in the Department:

i) Name of the Coordinator: Prof. Tapati Mukhopadhyay
ii) Name of the Project: Kalanukramik Rabindra Rachanavali Prakalpa
iii) Sponsoring Agencies: Ministry of Culture, Govt. of India
iv) Amount sanctioned: Rs. 3,04,57,259.00

Outreach programme, conducted by the Bhavana this year:

a) 30 blankets had been donated to Bharat Sevasram Sangha and Binapani Asharama for tribal students by Hon’ble Vice-Chancellor out of RBDC-TTF Fund.

b) A sum of Rs. 50,000/- had been donated by Hon’ble Vice-Chancellor to Ghosaldanga Evening School for academic development of tribal students.

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7. Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A or C.A.S etc.): A major Research Project funded by UGC on 'Tagore and Science' had been assigned to Dr. Amrit Sen (at present attached to Rabindra-Bhavana)

8. Publications within the year April 2012-March 2013: (for individual papers see Appraisal Reports)
   a) Apart from Research Journal Rabindrabiksha, Rabindra-Bhavana has published a bi-lingual edition of Gitanjali, decked with manuscripts, hitherto unpublished archival materials and rare photographs. The book is jointly edited by Prof. Tapati Mukhopadhyay and Dr. Amrit Sen. This book was released by Sri M.K.Narayanan, Hon'ble Governor, West Bengal and Rector, Visva-Bharati on 18th December, 2012 and the first copy of the book was presented to Sri Pranab Mukherjee, Hon'ble President of India and Paridarsaka, Visva-Bharati.
   b) A monograph on 'Rabindranather Sikshachinta' comprising of three lectures delivered by eminent scholars in 'Rabindra-Prabaha' scheme was published in November, 2012.

**Publications of Rabindra-Bhavana:**
1. Museum Folder.
2. Rabindra-Viksha 52.
3. Rabindra-Viksha 53.
4. Monograph on Tagore’s thoughts on Education (series of lectures on Rabindranath’s Thoughts on Education).
5. Gitanjali: Song Offerings (Bilingual Edition).
7. Genealogy of Tagore family for sales counter.

Sales for Rabindra-Bhavana Publications for the year 2012-13: Rs. 6, 75,045.00

**Designing New Course/Curriculum or any other teaching innovations introduced by the department:** Special attempt has been undertaken to re-structure textbook of Tagore Studies.

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:

a) Rabindrasangit Gabeshana Kendra with Hon’ble Vice-Chancellor as Chairman.
b) Natyacharcha Kendra
c) Translation Project-
   Scholars will 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.
d) Research and publication will be geared up.
e) As there is dearth of space in the present renovated museum, extension of museum in the ground floor will be our next cherished target.
f) Rathindra-Museum will come up in 'Guhaghar'- Rathindranath's house shortly.

**Any other relevant information:**

**Special Gifts received by Rabindra-Bhavana:**
Rabindra-Bhavana is indeed fortunate to receive a host of special gifts from various quarters:

a) Tagore memorabilia and items pertaining to Tagore-Victoria Ocampo relationship were received by Rabindra-Bhavana through courtesy Professor S.P.Ganguly, former Professor, Jawaharlal Nehru University, Delhi.
b) Books and personal items related to Tagore-Annadashankar Roy relationship were donated to Rabindra-Bhavana by Sri Anandarup Roy, son of Annadashankar Roy.
c) Sm. Srila Chatterjee donated a few items related to Tagore-Khitish Roy relationship.
d) Sm. Jayita Chakraborty donated a few personal items of Rathindranath Tagore, preserved under her custody.

Academic appraisal of Professor Tapati Mukhopadhyay, Director, Culture & Cultural Relations and Adhyaksha, Rabindra-Bhavana.

Publications:
Books:

Journal:
Edited Rabindrabiksha (Vol. 52 and 53), Rabindra-Bhavana, Visva-Bharati.

Published articles:

Presentations in Seminars/Workshop/Lectures delivered in Summer School/Refresher Course:
1. Presented a paper on Relevance of ancient Indian value system and ethical principles in contemporary global scenario, in a seminar organized by North American Society at Ashutosh Memorial Hall, Kolkata on May 24, 2012.
2. Two lectures delivered in Summer School organized by Department of Sanskrit, Calcutta University on July 12, 2012.

Topic:
I) Centenary Year of Song offerings
II) Environmental thoughts of Rabindranath Tagore.
7. Presented a paper: Gitanjali: a translation or a re-creation, in the plenary session of an International Conference, organized by Comparative Literature Association of India at Jadavpur University on January 16, 2013.
9. Speech delivered in valedictory session of a national seminar on 'Rabindranath and Folkloristics' on February 15, 2013.
12. Delivered inaugural speech on 'Impact of Gitanjali on regional literatures in India' in a seminar organized by Department of Oriya, Visva-Bharati on March 1, 2013.
13. Chaired a session in a seminar on "Bangla Sahitye Prantajan," organized by Bangla Department, Rabindrabharati University, Kolkata on March 5, 2013.
14. Delivered key-note address on "Impact of Rabindranath on Indian literature" in a seminar organized by Assamese, Marathi and Tamil language Units, Visva-Bharati on March 7, 2013.
18. Delivered a speech as Chief Guest in a seminar on 'Prospective scope of Buddhist Studies", organized by Indo-Tibetan Studies Department, Visva-Bharati on March 23, 2013.

Udaya Narayana Singh
(April 2012-March 2013)

Publications:

Books:
2. 2012b. Dhvase Jaay Shaanti Stup (Translated from Maithili into Bangla; Keertinarayan Mishra's poems); Kolkata: Sahitya Akademi.
4. 2012d. Rabindranath Thakur (An anthology of Bangla essays); Ed with Nadveep Suri. New Delhi: Public Diplomacy Division, MEA.

Essays/Articles:
3. 2012c. 'The post-colonial and the post-modern, Or the rise of Bilingual writers and writings in India', In Shivaram Padikkal & Tarique Khan, eds. Vaagartha: Festschrift for Padmakar Dadegaonkar; Centre for Applied Linguistics & Translation Studies, University of Hyderabad. 118-139.
6. 2013c. 'Bhasha nay, bhabi beshi jaruri'. In Rabibaroyari, Kolkata: Ei Samay, Times of India publication; 116.
Seminar Presentations
1. 2012. Had-Anhad; Lecture and Readings, Samanvay Indian Languages Festival with special focus on Boli, Bani, Bhasha; India Habitat Centre, New Delhi; November 2-4.
2. 2012. Panel Lecture on Relevance of Tagore today. Centenary Celebrations of Award of Nobel Prize of Rabindranath Tagore, organized by Visva-Bharati, Santiniketan, and Institute of Chinese Studies, Delhi, in India, and Peking University and Shenzhen University in China; Santiniketan; November 19.
7. 2013. Comments on The Rabindranath Lecture, 2012-13 by Dr. Tapan Raychaudhuri, Padma Bhushan, organized by the Happenings, Satyajit Ray Auditorium, ICCR, Kolkata; 5th February.

Activities and Achievements of Dr. Amrit Sen, Assoiate Professor Rabindra- Bhavana, Visva-Bharati:

Amrit Sen
(Presently attached to Rabindra Bhavana)
(April 2012-March 2013)
Awards/Projects:
Awarded a Major Research Project on Rabindranath Tagore and Science by the University Grants Commission in March 2013. Total sanction 9.33 lakhs.
Invited as Visiting Professor of English to deliver lectures under the UGC Merged Scheme Grant at the Department of English, Vidyasagar University. 18-21 march 2013.
Seminar Director:
Seminar Director of the One day National Conference on "Tagore, Bose, Mahalanobis - Confluence of Minds", organized jointly by Sir J.C. Bose Trust, Kolkata in collaboration with Patha Chakra, Visva Bharati on 28 July 2012.
Publications:
Books
Articles
Ch-II

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Papers/Lectures:
Presented a paper titled "The Rajarshi in Indian History: Tagore and the Idea of Kingship", at the International Conference on "Kingship in Indian History" organized by the Archive India Institute in New Delhi, 2nd November 2012.
Delivered two lectures titled, "Lord of all I survey: Defoe and Enclosures" and "A Sense of Empathy: The Animal Question in Coetzee" at the Eight Refresher course in Comparative Literature organized by the Academic Staff College, University of Burdwan on 26 July 2012.
Delivered two lectures titled, "Metafiction" and "Metafiction in The French Lieutenant's Woman" at the Refresher course in English organized by the Academic Staff College, University of Calcutta on 5 December 2012.
Presented a lecture titled "Tagore and Travel" at the Workshop conducted by Rabindra Bhavana, Visva-Bharati on 17 February 2013.
Chaired a session at the DEC Sponsored national Workshop on Building Bridges: teaching English Literature Through ODL organized by Netaji Subhash Open University on 12-13 February 2013.
Invited as visiting professor of English to deliver lectures on Nationalism and Huckleberry Finn under the UGC Merged scheme grant at the Department of English, Vidyasagar University. 18-21 march 2013.
Invited to deliver two special lectures under the UGC Special Lecture Scheme on Tom Jones and New Historicism at Bankura Christian College, Bankura on 22 March 2013.

**Performances:**
Translated the text of Shapmochan and was the lead narrative voice in the performance of the dance drama at Colombo and Kandy as part of the Sangit-Bhavana team that visited Sri Lanka in 2012.

**Participation of staff in different seminars/workshops and presentation of papers:**

**Pradip Kumar Mandal, Deputy Curator, Rabindra-Bhavana (Museum):**

i) Attended annual general conference on "Technical Upgradation of Exhibition and Museum Communication" at State Museum, Patna, Bihar during 21st to 23rd December, 2012. And jointly presented a paper on "Museum and Communication: Present Scenario of West Bengal".

ii) Attended 20th West Bengal State Science & Technology Congress - 2013 and Jointly presented a paper on "Gramya Artho-Samagik Jibner Unnayan: Rathindranather Biyan Chetona" at Bengal Engineering and Science University, Shibpur during 28th February to 2nd March, 2013.


iv) Presented a Joint paper on "Rathindranath and Rabindra-Bhavana", at the National conference organized on "Rathindranath the Unsung Hero" by Rabindra-Bhavana, Visva-Bharati, 31st March, 2013.

**Articles published**


**Sukumar Das**

Professional Assistant, Rabindra-Bhavana Library:


**Publications:**

1) Published an article 'English Gitanjali: Aji Hate Satabarsha Aage' in 'Rabindrabiksha' (53) the Research Journal of Rabindra-Bhavana, Visva-Bharati.
Maharshi Devendranath Tagore founded 'Santiniketan Asram' in the year 1863. Rabindranath Tagore established the 'Brahmacharyasram' (Asram Vidyalaya) in the year 1901 in the Santiniketan Asram and in the year 1918 Visva-Bharati was born. The Asram was fully spiritual, the vidyalaya was for children's education based on Brahmalaya, and Visva-Bharati aimed at cooperation and exchange between the east and west in humanism and culture. To fulfill the financial need of the Visva-Bharati and publish the works of Gurudev, Visva-Bharati Granthana Vibhaga was established in July 1923. On behalf of Visva-Bharati, Sri Nepalchandra Roy, Sri Surendranath Thakur, Sri Rathindranath Thakur and Sri Prasantachandra Mahalanabis were sent to Sri Chintamani Ghosh, the proprietor of Indian Press, to help and support to establish the Granthana Vibhaga.

**Functions, Festivals, Seminar and Workshops for the year 2012-2013**

The department celebrated the birth anniversary of Gurudev Rabindranath Tagore on 9 May 2012 at the Conference Hall of Granthana Vibhaga and 6 June 2012 at G. D. Birla Sabhaghar. The department also observed death anniversary of Gurudev Rabindranath Tagore on 7 August 2012 (22 Sravana) offering flowers at Jorasanko 'Thakurbari' and Nimtala Ghat.

The department organized a one-day workshop on 19 June 2012 on 'Uniform spelling and style-sheet for Granthana Vibhaga books : A guide for authors & 3 copy editors'
1. A seminar entitled : 'Granthana Vibhaga : In search of a dialogue between the Readers & the Publisher' was organized by the Granthana Vibhaga on 27 July 2012.
2. A one-day workshop on `Tagore’s plays and their stage productions’ was organized by the department on 21 January 2013.
3. A National seminar was organized by Granthana Vibhaga and Jadavpur University jointly on 19 and 20 March 2013 on 'Printing and Publishing of Books : Past and Present' in which there was a special academic session on Granthana Vibhaga
4. Exhibition, Book-fair and Sales Special book exhibition-cum-sale programmes were taken by the department on the following dates : 2 to 11 July 2012 at Granthana-Vibhaga, Kolkata, 5 August 2012 at Burdwan University along with a Literary Forum on Tagore, 6 to 21 August 2012 at Lipika Auditorium, Santiniketan.

The department attended the following Book-fairs during this year :
1. 18th New Delhi - World Book-fair, 2 to 11 July 2012
2. 28th Jamshedpur Book-fair, 23 November to 2 December 2012
3. 16th Kalyani Book-fair, 7 to 16 December 2012
4. 5th BarrackpurBoiMela, 14 to 25 December 2012
6. SingurBoiMela, 15 to 23 December 2012
7. Santiniketan Pous Mela, 23 to 26 December 2012
8. Dum-Dum Book-fair, 11 to 20 January 2013
9. 37th Kolkata International Book-fair, 25 January to 10 February 2013

Sales

To reach the ideals, thoughts, literature and extension education programmes of Gurudev Rabindranath Tagore to the common people of the country as well as the whole world, the department took the initiative to sell books with a special discount of 50% on various occasions. Specially in the month of May 2012 the department offered special discounts to the agents, book-sellers, staff and students and also the general readers. In Kolkata the department has 5 agents, in districts 10 agents and one abroad.
Publication
During the period of 1 April 2012 to 31 March 2013, 51 books consisting of following 4 new titles were published.

New Titles
1. RabindraRachanabali (rexin) Suchi
2. Letters - vol. I - in English translation
4. Rabindra Rachanabali (rexin) vol.32
Visva-BharatiPatrika, Sravana-Aswin 1419 and Kartik-Poush 1419 were also published.
The department has two running sales counters : one is situated at College Square, Kolkata and one at Santiniketan. Besides these the department sells books from the ground floor of the office building at 6 AJC Bose Road, Kolkata. GranthanaVibhaga has decided to offer 30% discount to all employees and students of Visva-Bharati throughout the year.
OFFICIAL LANGUAGE CELL
(RAJBHASHA)

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.

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 pursuing training in Rajbhasha Hindi in the locality. Visva-Bharati has also incorporated the staff-members of their Central Govt. Organisations located at Bolpur to pursue 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 66 Staff-members and 2 outsiders have completed the prescribed courses of Hindi Teaching Scheme Govt. of India conducted by Visva-Bharati, Santiniketan Centre during the year 2012-13.

ii. One day Rajbhasha Hindi Divas Samaroh-2012 was organized in Visva-Bharati on 30th September, 2012 in the Hindi BhavanaParisar.

iii. Rajbhasha Cell conducted TOLIC Meeting held on 19th January, 2013 at Central Administrative Building Conference Hall, Visva-Bharati. The Vice-Chancellor presided over the meeting.

iv. The Rajbhasha Cell, Visva-Bharati hosted the 65th Convention of Hindi SahityaSammelan - Prayag, Allahabad organized at Lipika Auditorium, Santiniketan from 16th March to 18th March, 2013
INDIRA GANDHI CENTRE

Departmental Seminar :- Indira Gandhi Centre has organized the following seminars, programmes

18.8.12  Hrida Manisha:- It was a film show to elaborate the Tagore and the nature of his philosophy
31.8.12  A Cultural Programme on "Patriotic songs in Different Indian Languages"
29.9.12  A Seminar cum Cultural Programme was organized on the issue "Evaluation of Bengali Songs".
12.3.13  A Seminar was organized on "Swami Vivekananda and 21st century"

Indira Gandhi Centre assisted to conduct a seminar "Position of Women in Hindu Texts" on Women's Day, 2012.
Indira Gandhi Centre assisted CJMC, VB to conduct UGC sponsored National Seminar on "Media Ethics: Reality or Myth on 15th - 156th March, 2013.

On Going Research Project
Name of the Project (1) :- Tribe, Main Stream and National Integration : Context India. Funding Agency :- Visva-Bharati (Partial Research Grant Scheme).
AGRO-ECONOMIC RESEARCH CENTRE

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.

In 1953 when the ministry of Food and Agriculture, Government of India was planning to expand the facilities for agricultural economics research in the country through the establishment of four regional research centres. Sri Rathindra Nath Tagore, the then Vice-Chancellor of Visva-Bharati University submitted a proposal that one of the centres be established at Visva-Bharati to enable it to continue and extend the work it has been doing in this field. The then Ministry of Food and Agriculture accepted this proposal and approved of the establishment of the Agro-Economic Research Centre for East India under Visva-Bharati University. Thus the Agro-Economic Research Centre for East India started functioning at Visva-Bharati, Santiniketan from July 1, 1954. At this time, three more Centres were established at Delhi, Pune and Madras to cover the country as a whole. There are 15 Agro-Economic Research Centres/units today covering all parts of the country all of which are sponsored by the Ministry of Agriculture.

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 2012-13, 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.

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

**Departmental Seminar:**
- The Centre has organised 3-day Training Meeting Cum Workshop on "Diversified Cropping Programme under Dryland/Rainfed Condition" for the state Extension Officers and KPS in collaboration with Directorate of Agriculture, Government of West Bengal on 13th-15th December, 2012.

**National and International standard Conference/Seminar/Workshop/Exhibition etc.:**
- Dr. Debashis Sarkar, Director delivered a key paper in the UGC sponsored National Seminar on "Climate Change and Sustainable Agriculture Causes, Consequences and Mitigating Measures" held at the Dept. of Economics, P.B.S. College, Banka, Bihar on 13th-14th July, 2012.
- Participated in the Zonal Conference on "Agricultural Inputs at National Co-operative Union of India" held at New Delhi on 13th-14th September, 2012.
- Attended in the Annual Conference of Indian Society of Agricultural Economics held at Benaras Hindu University, Varanasi on 11th-19th November, 2012.
- Presented a paper entitled "Modernization of Rice Mills vis-a-vis Efficiency: A Case Study in West Bengal" in the Seminar on "Agribusiness Potential of West Bengal" organised by the "Indian Society of Agricultural Marketing" held at Kolkata on 8th-9th January, 2013.
- Attended in the Zonal Conference on "Agricultural Inputs" held at Lecture Hall, 2nd Floor, NAAS Building, Indian Council of Agricultural Research (ICAR), NASC Complex, DPS Marg Pusa, New Delhi on 8th-9th February, 2013.

**On-going Research Projects in the Department:**

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the Project</th>
<th>Sponsoring Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>i.</td>
<td>End-term Evaluation Study/ Appraisal in respect of the Implementation of the Bringing Green Revolution to eastern India (BGREI) Programme -Consolidated Study</td>
<td>Crop Division, Ministry of Agriculture, Government of India</td>
</tr>
<tr>
<td>ii.</td>
<td>Estimation of Pre and Post Harvest Losses among Selected Crops (Coordinator - ISEC, Bangalore)</td>
<td>AER Division, Ministry of Agriculture, Government of India</td>
</tr>
<tr>
<td>iii.</td>
<td>Base line data on area, production, productivity of horticulture crops in Sikkim (Coordinator - ISEC, Bangalore)</td>
<td>AER Division, Ministry of Agriculture, Government of India</td>
</tr>
<tr>
<td>iv.</td>
<td>Problems and prospects of oilseeds and oil palm cultivation: potential of bringing it in cost effective manner (Coordinator - IIM, Ahmedabad)</td>
<td>AER Division, Ministry of Agriculture, Government of India</td>
</tr>
</tbody>
</table>

309  Annual Report 2012-13
v. Effect of farm mechanization on agricultural growth and comparative economics of labour and machinery. (Coordinator - IEG, Delhi) 

vi. Spread of new varieties of hybrid rice and their impact on the overall production and productivity in India (Coordinator - AERC, Visva-Bharati, Santiniketan) 

vii. State Agricultural Profile 

viii. Strengthening and Modernization of Pest Management Approach in India (SMPMA) 


Publications within the year April 2012 - March 2013 

(i) Monographs: 


(ii) Research Papers: 

- Debajit Roy published a paper on "Determinants of Technical Efficiency in Input-use in Agriculture" in International Journal of Social Science, ISSN No.2249-6637, December, 2012 
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) and Prof. N.C. Mondal, P.S.B. has been appointed as Liaison Officer (OBC) to look after the activities 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 to observe the proper implementation of reservation policy in respect of admission for SCs and STs and OBC 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 to the 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 instructed by the UGC under General Development Assistant grant during XI Plan Merge Scheme and students of these communities are benefited.

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 are being sent regularly to the concerned offices/organizations by the Cell.

Any complaint/grievance lodged by the SC/ST students or employees are timely looked into and brought to the notice of the higher authority for its appropriate redressal.
CENTRAL LIBRARY

Library Automation:
Visva-Bharati Library has connected with the Campus wide Fiber Optic Network named GitanjaliNet (INFLIBNET). Library has 92 PCs, 39 printers, two copiers, one document camera, one LCD Projector, etc. for its Central Library and 12 Sectional Libraries. Library offers services and facilities of browsing e-journals, e-databases, e-books, to its users procured by the library. 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 523003 titles of documents containing 641692 individual accession numbers including 43334 bound volumes of journals and 1591 theses. Number of ‘Current Periodicals-2012’ contains 294 titles. In addition, 3836 titles of purchased E-books and 84075 titles of subscribed E-books have been procured by the library 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 the e-books throughout the campus. The Visva-Bharati Library invites its faculties and research scholar's to upload their publications in Library Repository and encourages the users’ to browse Open Access Resources through its library homepage.

Library Digitization:
Under the ‘Mega Digital Library project of India’, first & second phase, Central Library has completed scanning and digitizing work of 11362 titles of old documents of the Library containing 51 lakhs pages. Till now we have received 240 DVDs and metadata of that digitized documents are being made and available on library web page through the Campus network. The uploading of the digitized content in the storage server is under process. The work of digitization has not yet been continued by the CDAC, Kolkata since June 2012 as there were no more funds for the purpose. CDAC, Kolkata have returned back all equipments from Central Library as installed by them.
Central Library has made an Institutional Repository on Syllabus under different Course-curriculum of Visva-Bharati. The question papers of different Examinations held at Visva-Bharati since 2005 onwards 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. The Library Repository now contains near about 110 articles of faculties and other members. This Institutional Repository is being regularly used by the library members.

The library has the following e-resources, which are regularly browsed through Central Library Home Page (http://14.139.211.2) (172.16.2.2).

**E-Resources:**
- E-journals through UGC InfoNet Consortia (INFLIBNET) - 8473
- E-journal through MHRD - 241
- Free e-journals from publishers - 1050 +
- On-line e-journals on subscription basis - 82 +
- E-Books Purchased (Perpetual) & Subscription - 87911
- Subscribed e-journals through J-Gate - 32,130 +
- Free online books - 869 +
- DVDs of Old Digitized Documents of Central Library - 240
- CD-ROMs - 620 +
Data bases access facilities:-
- American Library, Kolkata
- British Council Library, Kolkata
- Cambridge Online
- DELNET, New Delhi
- Elsevier Science
- IEEE
- India Stat.Com
- J-Gate
- Oxford University Press
- SAGE e-Reference
- Sage Research Method Online (SRMO)
- Springer
- Taylor and Francis

Seminar / Workshop / Exhibition / other programs organized by and at Central Library, Visva-Bharati :

i) On the occasion of Centenary Celebration of the drama DAKGHAR and formal announcement of the Brail Library Services of the Central Library, Visva-Bharati the drama DAKGHAR was being staged by Blind Persons' Association, Kolkata on March 04, 2013 at LIPIKA Auditorium at 6pm.

ii) Ten 'Users Learning Programmes' arranged on 'How to use Library Resources' for new library members of different departments on July 20, August 03, 13, September 03, 07, 14, 15, 21, October 13, 2012. Total 467 students and 08 faculty members of Patha Bhavana (Students of Library and Information Science as Vocational subject), CJMC, Silpa Sadana, Bio Technology, Sanskrit Pali and Prakrit, Computer System and Science, Zoology, Physical Education, and Bengali have attended the Programme.

iii) Demonstration Programme on ILIB Digital Library software as developed by Somnetics, Kolkata on September 28, 2012 organized by the Central Library at Gitanjali Net and total 08 Library Officers attended the programme.

iv) Demonstration Programme on Fire Management was organized jointly by the Central Library Visva-Bharati and Ultra Marketing (Fire People) on February 18, 2013 and total 33 Library staff attended the programme from Central Library and Sectional Libraries.

v) Library Day observed on December 20, 2012.

vi) A team of 15 students and 1 faculty of the Department of Library and Information Science, Burdwan University have visited Central Library, Visva-Bharati on their educational tour on March 02, 2013.

vii) A team of 29 members consisting of students and teachers of the Department of Library and Information Science, Kumaun University, Nainital, Uttarakhand have visited Central Library, Visva-Bharati on February 21, 2013.

viii) A team of 40 members consisting of teachers, students and attendants of the Geography Department of Vidyasagar College for Women, Kolkata, has visited this library on January 14, 2013.

ix) A team of 61 students of the Department of Library and Information Science, Calcutta University, Kolkata have visited Central Library, Visva-Bharati on December 30, 2012.

x) A team of 53 members consisting of Library Secretary, Attendant, and students and of the PBS-Text Book Library, Jambedia, Bankura have visited this library on September 28, 2012.

Conference/ Seminar/ Workshop/ Invited Lecture etc. attended by the Library staff:

Nimai Chand Saha

i) Participated and presented a paper entitled 'Rural Development in the 21st Century: Is it open to the communities?' in the two-day National Seminar on "Changing Rural Scenario in the New Millennium" organized by Dept. of Palli Charcha Kendra (PCK), Visva-Bharati, Sriniketan and held at Sriniketan Community Hall on March 22-23, 2013
Ch-II

ii) Participated and presented a paper entitled 'Balancing the Demand and Supply of Library Services in the 21st Century: A Challenge' in the one-day National Workshop on "Changing paradigm of Library Services" organized by Dept. of Library and Information Science and held at Conference Hall, University of North Bengal on March 15, 2013.  

iii) Acted as a member of the organizing committee in the one day National Workshop on "National e-Governance Plan (NeGP)" held at Lipika Auditorium, Visva-Bharati, Santiniketan on December 03, 2012 organized by Computer Centre, Visva-Bharati, Santiniketan and sponsored by Dept of Electronics and IT Ministry of Communications & IT, Government of India.

Kanika Debnath
i) Attended the National workshop on Preventive Conservation of Manuscripts, organized by the National Mission for manuscripts, New Delhi in collaboration with Rabindra-Bhavana, Visva-Bharati from 9th to 13th September, 2012. This programme has been co-ordinated by the Calcutta University manuscript conservation centre.  

Tapas Kumar Das
i) Participated to the UGC-Sponsored 43rd Orientation Programme (OP) held during 04th February to 04th March, 2013 at Jadavpur University, Salt Lake Campus, Kolkata.

Ajay Kumar Sharma
ii) Participated in "E-Content 2012: National Seminar on Convergence of Content and Technology in Digital Age", Organized by Informatics (India) Limited held at Hotel Hyatt Regency, Kolkata on October 18, 2012.

Sabahat Nausheen
i) Participated in the four day UGC sponsored Workshop on "Application of Statistical software in Information Studies" organized by the Dept of library and Information Science, Jadavpur University and UGC Academic staff College, JU held during 25-28 February 2013.  

Sujit Kujur
ii) Participated in e-content 2012: National Seminar on Convergence of content and technology in digital age", organized by Informatics (India) Limited held at Hotel Hyatt Regency, Kolkata on October 18, 2012.

Sanat Bhattacharya
i) Attended the National workshop on Preventive Conservation of Manuscripts, organized by the National Mission for manuscripts, New Delhi in collaboration with Rabindra-Bhavana, Visva-Bharati from 9th to 13th September, 2012. This programme has been co-ordinated by the Calcutta University manuscript conservation centre.  

Smritimoy Ghosh

Sectional Library
Keshab Chandra Sinha
i) Participated to the UGC-Sponsored Refresher Course (RC) held during August 22 - September 11, 2012 at Jadavpur University, Salt Lake Campus, Kolkata.
ii) Participated and presented a paper in the two-day National Seminar on "Changing Rural Scenario in the New Millennium" organized by Dept. of Palli Charcha Kendra (PCK), Visva-Bharati, Sriniketan and held at Sriniketan Community Hall on March 22-23, 2013

Publications
Nimai Chand Saha

Book : International Level

Article in International / National Peer Reviewed Journal:
International Level

National Level
2. Saha, Nimai Chand; Biswas, Subal Chandra; and Das, Subarna Kumar: Managing conflict in the university libraries relating to ICTs application: preview from practical experience. In LIBRARIAN, 18 March 2011. P.72-84 (Published in June 2012).

Conference Proceedings:

Tapas Kumar Das

Conference Proceedings:

Ajay Kumar Sharma

Journal Article:
Bulletin:

Academic / Administrative Distinctions:-
i) Associate Editor of the journal entitled as "International Journal of Digital Library Services".
ii) Webmaster of All Bengal School Librarians’ Association (ABSLA).

Ms. Sabahat Nausheen
Conference Proceedings:
ii) Sabahat Nausheen (et al) "Changing Form and Future of Libraries: The Role of Library and Information Service Professionals in the 21st Century". the National Seminar "Changing paradigm of Library services" organized by Dept of Library and Information Science, North Bengal University, Darjeeling held on 15th March 2013.

Sanat Bhattacharya
Conference Proceedings:

Sectional Library
Keshab Chandra Sinha
VISVA-BHARATI SPORTS BOARD

JUDO DEMONSTRATION:
Judo Centre opened on 15.03.13 at Visva-Bharati Sports Board.

INTER BHAVANA STAFF TOURNAMENT:

Football:
Total Fourteen team participated in this competition. Palli Siksha Bhavana become winner and Central Administrative Building become Runner-Up.

Volleyball:
First Time Started the Inter Bhavana Staff Volleyball Tournament. Total Fourteen team participated in this competition.

ORGANISED THE CAB&IFA TOURNAMENTS:

a) Ajay Ghosh Memorial Trophy tournament (Inter-University Cricket in W.B)
b) Elliot Shield Football (M) tournament (Inter College Football in W.B)

PARTICIPATION INTER UNIVERSITY COMPETITION:

<table>
<thead>
<tr>
<th>GAME</th>
<th>ORGANISING UNIVERSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) Football (M)</td>
<td>Burdwan University</td>
</tr>
<tr>
<td>ii) Cricket (M)</td>
<td>Calcutta University</td>
</tr>
<tr>
<td>iii) Basketball (M)</td>
<td>Kalyani University</td>
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<tr>
<td>iv) Kho-Kho (M)</td>
<td>DDU Gorakhpur University</td>
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<tr>
<td>v) Athletics (M)</td>
<td>Kalyani University</td>
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<tr>
<td>vi) Yoga (M&amp;W)</td>
<td>M.K.B University</td>
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<tr>
<td>vii) Table Tennis (M&amp;W)</td>
<td>Calcutta University</td>
</tr>
<tr>
<td>viii) Aquatics (M)</td>
<td>Calcutta University</td>
</tr>
<tr>
<td>ix) Chess (M)</td>
<td>Jadavpur University</td>
</tr>
<tr>
<td>x) Badminton (M&amp;W)</td>
<td>T.M Bhagalpur University</td>
</tr>
<tr>
<td>xi) Kabaddi(M)</td>
<td>T.M Bhagalpur University</td>
</tr>
</tbody>
</table>

PARTICIPATION IN VARIOUS OTHER COMPETITION:

i) Ajoy Ghosh Memorial Trophy Tournament
ii) T-Twenty .CAB Tournament
iii) Vidyasagar Trophy Tournament

ORGANISED VARIOUS COACHING CAMP AT ASHRAM GROUND AND NEW PHYSICAL EDUCATION COMPLEX:


ORGANISED SPORTS ACTIVITIES FOR PATHA-BHAVANA:
A. Organised in various tournament:
Inter class Competition:
 i) Football (M)
 ii) Cricket (M)
 iii) Basketball(M)
Annual Athletic Meet:
Patha Bhavana

ORGANISED VARIOUS INTER-BHAVANA COMPETITION
i) Visva-Bharati Annual Athletic meet at Vinaya-Bhavana Complex.
ii) Inter Bhavana Football Tournament at Ashram Ground.
iii) Inter Bhavana Cricket Tournament at Ashram Ground.
iv) Inter Bhavana Athletic Meet at New Physical Education complex.
v) Inter Bhavana Badminton at Ashram Ground
vi) Inter Bhavana Basketball at Ashram Ground
vii) Inter Bhavana Volleyball at Ashram Ground
viii) Inter Bhavana Table Tennis (M&W) at Ashram Ground
ix) Inter School Cricket Tournament at Bolpur Stadium.
x) Inter School Football Tournament, Bamkim Cup at Jadavpur, Kolkata.

PARTICIPATION IN VARIOUS EVENT:
a) Inter School Cricket Tournament at Bolpur stadium.
b) Inter school Football Tournament, Bamkim Cup at Jadavpur, Kolkata.

ORGANISED VARIOUS INVITATION MATCHES:
i) On the occasion of Halakarshana Visva-Bharati School Team played a football match with Hemshila High School at
   Sriniketan Ground. Visva-Bharati School won the match.
ii) On 15th August 2012, Visva-Bharati Football team played a football match with Bolpur Town Club at Ashram Ground
iii) On 17th September 2011 Visva-Bharati Football team Vs PGGIPE Banipur.
iv) Cricket Match between Vice-Chancellor XI Vs Directors'-XI at Ashram Ground. Vice-Chancellor XI won the match.
v) Visva-Bharati Staff Football Tournament-2012-13
vi) Visva-Bharati Staff Volleyball Tournament-2012-13

IMPORTANT INFORMATION
i) First time Visva-Bharati Sports Board Organize Inter Bhavana Badminton (M&W), Volley Ball (M) Tournament.
ii) First time Visva-Bharati Sports Board participated in the East Zone Inter varsity tournaments in Kabaddi (M) Badminton
    (M&W) Chess (M) Aquatics (M).
iii) First time Siksha Satra and Patha Bhavana played Bamkim Cup Football Tournament held at Jadavpur University, 12-13.
PATHA-CHAKRA (STUDY CIRCLE)

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 Study Circle (Patha Chakra) Visva-Bharati in 2012-2013

Workshops/Conferences organized by the Study Circle (Patha Chakra) Visva-Bharati in 2012-2013
WOMEN’S STUDIES CENTRE

Women’s Studies Centre in Santiniketan was established on 26 Oct, 2009. This Centre was sponsored by U.G.C which plays a significant role in academic upliftment from gender perspective. From its emergence till now it is working as "Academic Centre" of Visva-Bharati University. The Research Assistants of this Centre participated in different types of activities for the year of 2012 to 2013. They helped and participated in Workshop, Conference and Seminars which was organized by Women's Studies Centre. They also involved themselves in different types of extension activities of W.S.C. The Women's Studies Centre with Research Assistants organized various community out-reach programs for needy and under privileged people living nearby Santiniketan. Through interaction with different groups of women, the member of self-help group and elderly people at rural communities, Research Assistants provided the information on various sensitive issues related to Health, Education govt. schemes and thereby sensitized the target groups. As most of the members of the community are not aware of the Govt. schemes and measures, the information was provided to them regarding various govt. provisions for the welfare of the community. Women’s Studies Centre believes that women's study is not merely a subject to be studied in the four walls of the class but to create a woman friendly environment in the society where every woman irrespective of her place of birth and social-economic status will get due opportunity to realize her identity and Research Assistants of W.S.C’s main objectives is to promote gender equal society and create gender friendly environment. Their goal is to develop, promote and disseminate knowledge about Women’s role in society.

Seminar/Conference :
1. Women's Studies Centre organized a conference program on "Women and Rice Culture Deconstruction of LaxmiVrat Katha", On Dec 17, 2012 at Women's Studies Centre. The participants were students of Chinese Department and Department of Hindi and from other department also. All students cordially participated in this program.
2. Dr. ChitraSinha, Academic Advisor based in Bahrain, delivered a lecture on "Law and Rights: For genders" on 22nd Jan, 2013, it was organized by Women's Studies Centre.
   Women's Studies Centre organized a lecture program on 22nd Jan, 2013 at Indira Gandhi Centre, Visva-Bharati. Dr. Chitra Sinha chaired as chief guest. She delivered lecture on "Law and Rights: For genders". session which was extremely rewarding experience for all students and teachers of other department of Visva-Bharati.
3. National Seminar on "Role of Women in Ancient Texts" was organized by Women's Studies Centre on 8th March 2013.
4. A Conference on "Women director in Contemporary Theater" was jointly organized by Karmi-Mandali and W.S.C of Visva-Bharati, on 24th March, 2013 at Lipika Auditorium by whishing all the budding theater actress a prosperous career and also advised them not to get diverted from the path of ethics and morality.

Extension Activities :
- A number of meetings with the members of self-help group from Suprity Society(SHG) at surul village near Sriniketan and others village women , representatives from NABARD and other panchayet resource persons were organized during Nov, 2013- March, 2012.
- One Day Katha Stitch Training Program :
  One day katha stitch program at Surul village in Birbhum with the member of Suprity Society (SHG) and representatives from NABARD participants was jointly organized by Women's Studies Centre, Visva-Bharati on 9th Nov, 2012.
- A counseling program on "HIV & AIDS" was organized by Women's Studies Centre: A counseling program on "HIV & AIDS" was organized by Women's Studies Centre on 25th Feb, 2013 at Women's Studies Centre,
Chapter-3

ACADEMIC PROGRAMMES

Academic Programme for the year 2012 – 2013

BHASHA-BHAVANA (INSTITUTE OF LANGUAGES, LITERATURE AND CULTURE) (Code: 01)

1. Two year M.A. Courses in Sanskrit; Bengali; English; Hindi; Oriya; Indo-Tibetan Studies; Chinese; Persian; Japanese.
2. Two year M.A. Course in Functional Hindi (Translation)
3. Two year’s M.Phil. course in English and Odia.
4. Three year B.A. (Honours) Courses in Sanskrit; Bengali; English; Hindi; Oriya; Persian; Tibetan; Japanese; Santali.
5. Four year B.A. (Honours) Courses in Persian; Tibetan; Chinese; Japanese preceded by one year preparatory course.
6. Three year B.A. Course in Functional Hindi (Vocational).

VIDYA-BHAVANA (INSTITUTE OF HUMANITIES & SOCIAL SCIENCES) (Code: 02)

1. Two year M.A. Courses in Philosophy; Comparative Religion; Economics; History; Ancient Indian History, Culture & Archaeology; Geography; Mathematics; Journalism & Mass Communication.
2. Two years M.Phil. course in Ancient Indian History Culture & Archaeology, Economics, and History
3. Three year B.A. (Honours) Courses in Philosophy; Comparative Religion; Economics; History; Ancient Indian History, Culture & Archaeology; Geography; Mathematics.

SIKSHA-BHAVANA (INSTITUTE OF SCIENCE) (Code: 03)

1. Two year M.Sc. Courses in Physics; Chemistry; Mathematics; Zoology; Botany; Statistics; Environmental Science; Computer Science and Biotechnology.
2. Three year B.Sc. (Honours) Courses in Physics; Chemistry; Mathematics; Zoology; Botany; Statistics; Computer Science.
3. Five-Year Integrated M.Sc Course in Physical Science

SANGIT-BHAVANA (INSTITUTE OF MUSIC, DANCE & DRAMA) (Code: 04)

1. Two year M.Mus. Courses in Rabindra Sangit; Hindusthani Classical Music (Vocal); Hindusthani Classical Music: Instrumental (Sitar/Esraj/Tablea/Pakhawaj); Kathakali and Manipuri Dance.
2. Three year B.Mus. (Honours) Courses in Rabindra Sangit; Hindusthani Classical Music (Vocal); Hindusthani Classical Music: Instrumental (Sitar/Esraj/Tablea/Pakhawaj); Kathakali Dance; Manipuri Dance; Drama and Theatre Arts.

KALA-BHAVANA (INSTITUTE OF FINE ARTS) (Code: 05)

1. Two year M. Fine Arts (MFA)/ Advanced Diploma Courses in Painting; Mural; Sculpture; Graphic Art (Print Making); Design (Textile); Design (Ceramic); History of Art (only for M.F.A.).
2. Four year B. Fine Arts (Honours) (B.F.A)/ Diploma Courses in Painting; Sculpture; Graphic Art (Print Making); Design (Textile); Design (Ceramic); History of Art [only for B.F.A.(Hons.)].
3. Two year Certificate Course in Design.
4. Bridge Course (leading to M.F.A.) in History of Art Course (three year [one year Bridge course + two year regular course]) for students from other than Fine Arts discipline.
5. One Year Casual Course for Indian Nationals in Painting / Sculpture / Graphic Art (Print Making) / Design (Textile/Ceramic) / History of Art.

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PALLI-SAMGATHANA VIBHAGA (INSTITUTE OF RURAL RECONSTRUCTION) (Code: 06)
1. Two year M.A. / M. Sc. Course in Anthropology
2. Two year M.A. Course in Rural Development
3. Two year M.S.W. Course
4. Three year B.S.W. (Honours) Course
5. Four year B. Des. Course (Fee Rs.5000.00 per semester)
7. Short term casual courses in Craft
Duration of each course: 8 weeks to 20 weeks depending upon the subject requirement.

PALLI SIKSHA BHAVANA (INSTITUTE OF AGRICULTURE) (Code: 07)
1. Two year M. Sc. (Ag.) Courses in Agronomy; Plant Protection; Agricultural Extension; Soil Science & Agricultural Chemistry and Horticulture.
2. Four year B.Sc. (Ag.) Honours Course.

VINAYA-BHAVANA (INSTITUTE OF EDUCATION) (Code: 08)
1. Two year M.A. in Education Course.
2. Three year B.A. / B. Sc. (Honours) in Physical Education Course
3. One year B. P. Ed. Course
4. Two year M. P. Ed Course
# Chapter-4

**BHASHA-BHAVANA**  
(Institute of Language Literature & Culture)  
Adhyaksha (Principal) **Prof. Rameswar Prasad Mishra**  
Roll Strength as on 31.03.2013

B.A. (Hons)

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Japanese (Prep)

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Chinese (Prep)

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M.A

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Ph.D

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2Yr. Certificate Course in Language

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1 Yr. Diploma in Language

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1 Yr. Foreign Casual Course

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### Distribution of Day scholar and Resident Students

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### NEW Admission (2012-13)

#### B.A. (Hons)

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#### M.A.

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<td>M F</td>
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#### Ph.D.

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## Distribution of Foreign Students

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## State-wise break-up of Students
(Outside West Bengal)

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## Subject-wise break-up of students in different courses

### Course (2012-13)

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<th>Ph.D.</th>
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### Ch-IV

**Subject-wise distribution of students in language course (Diploma & Certificate)**

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* F.C.C. in Bengali 2 1 3 - - -
F.C.C. in Sanskrit - - - - - -
F.C.C. in Tibetan 1 - 1 - - -
F.C.C. in Hindi - - - - - -
F.C.C. Oriya - - - - - -
F.C.C. in AIHC&A - - - - - -
F.C.C. in Philosophy - - - - - -
**Total** 60 23 83 11 7 18

*F.C.C. = Foreign Casual Course*
## B.A. (Hons)

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## M.A.

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### NEW ADMISSION

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Annual Report 2012-13
### Distribution of Foreign Students

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### State-wise break-up of students
(From outside West Bengal)

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### Subject-wise break-up of students in different courses

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### SIKSHA-BHAVANA

(Institute of Science)
Adhyaksha (Principal) Prof. A.K. Ray
Roll Strength as on 31.03.2013

#### B.Sc. (Hons) (including repeater, sup)

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#### M.Sc. (including repeater, sup.)

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#### Ph.D

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### Distribution of Dayscholar and Resident students

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Subject-wise break-up of students in different courses

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NEW ADMISSION

B.Sc. (Hons) (including Repeater)

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M.Sc. (including Repeater)

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Ph.D

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Distribution of Foreign Students

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### State-wise break-up of students
(From Outside West Bengal)

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Kala-Bhavana
(Institute of Fine Arts and Crafts)
Adhyaksha (Principal) **Prof. Sisir Sahana**
Roll Strength as on 31.03.2013

**B.F.A.**

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<thead>
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**M.F.A.**

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**Certificate Course**

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**Ph.D**

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**Distribution of Dayscholar and Resident students**

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### NEW ADMISSION

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#### One Year Casual Course

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**State Wise break-up of students**  
*From Outside West Bengal*

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**Distribution of Foreign students**

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Sangeet-Bhavana
(Institute of Music, Dance & Drama)
Adhyaksha (Principal) Prof. Indrani Mukhopadhyay
Roll Strength as on 31.03.2013

B.Mus (Hons)

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M.Mus

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Ph.D.

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Distribution of Foreign students

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### Distribution of Dayscholar and Resident students

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### State Wise break-up of students
(From Outside West Bengal)

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**Ch-IV**

**NEW ADMISSION**

**B.Mus**

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**Foreign Casual Course**

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Vinaya-Bhavana  
(Institute of Education)  
Adhyaksha (Principal) Prof. Sabujkoli Sen  
Roll Strength as on 31.03.2013

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M.A. in Edu.

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Ph.D.

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NEW ADMISSION

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Distribution of Dayscholar and Resident students

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State-wise distribution of students
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339 Annual Report 2012-13
### Physical Education
Roll Strength as on 31.03.2013

#### B.A/B.Sc. (Hons.)

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#### B.P. Ed.

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#### M.P. Ed.

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#### Subject-wise break-up of students in different courses

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#### Distribution of Dayscholar and Resident students

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#### State-wise Break up of students
(From Outside West Bengal)

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Annual Report 2012-13
## Palli Samgathana Vibhaga
(Institute of Rural Reconstruction)

Adhyaksha (Principal) : Prof. Prasanta Kumar Ghosh
Department of Social Work
Roll Strength as on 31.03.2013

### B.S.W. (Hons.)

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### NEW ADMISSION

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Ch-IV

Distribution of Dayscholar and Resident students

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State-wise Break up of students
(From Outside West Bengal)

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Annual Report 2012-13

342
Silpa-Sadana  
Roll Strength as on 31.03.2013

**Bachelor in Design**

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**CERTIFICATE**

**Woodwork**

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**Hand Made Paper Making**

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**NEW ADMISSION**

**Bachelor in Design**

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**Certificate in Hand Made Paper**

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**Certificate in Batik**

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<td>1</td>
<td>1</td>
<td>-</td>
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</tbody>
</table>

**Certificate in Leather Craft**

<table>
<thead>
<tr>
<th></th>
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<th>SC</th>
<th>ST</th>
<th>OBC</th>
<th>PH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admitted</td>
<td>M</td>
<td>F</td>
<td>M</td>
<td>F</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>1</td>
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</tbody>
</table>

**Distribution of Dayscholar and Resident students**

<table>
<thead>
<tr>
<th></th>
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<th>F</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dayscholar</td>
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<tr>
<td>Resident</td>
<td>23</td>
<td>15</td>
<td>38</td>
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<tr>
<td>Total</td>
<td>109</td>
<td>33</td>
<td>142</td>
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</tbody>
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State-wise Break up of students  
(From Outside West Bengal)

<table>
<thead>
<tr>
<th>STATE</th>
<th>M</th>
<th>F</th>
<th>T</th>
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<tbody>
<tr>
<td>Assam</td>
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<td>1</td>
</tr>
<tr>
<td>Uttar Pradesh</td>
<td>0</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Punjab</td>
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<td>1</td>
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<tr>
<td><strong>Total</strong></td>
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Subject-wise distribution of students in different courses (Diploma & Certificate)

<table>
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<th>Certificate</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Certificate in Wood Work ------</td>
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</tr>
<tr>
<td>Certificate in Pottery ---</td>
<td>15</td>
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<tr>
<td>Certificate in Handloom Weaving</td>
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</tr>
<tr>
<td>Certificate in Leather Craft----</td>
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</tr>
<tr>
<td>Certificate in Hand Made Paper Making</td>
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<td>Certificate in Batik Work ------</td>
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<td>36</td>
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Subject-wise break-up of students in different courses

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Distribution of Foreign Students

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### Palli Charcha Kendra

(Institute of Rural Development)

**Roll Strength as on 31.03.2013**

**M.A. in Rural Development**

<table>
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<th>OBC</th>
<th>Minority</th>
<th>Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M</td>
<td>F</td>
<td>M</td>
<td>F</td>
<td>M</td>
<td>F</td>
<td>M</td>
</tr>
<tr>
<td>Ist Year</td>
<td>3</td>
<td>4</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
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<tr>
<td>IIInd Year</td>
<td>8</td>
<td>4</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>8</td>
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**NEW ADMISSION**

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<td>Ist Yr.</td>
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**Distribution of Dayscholar and Resident students**

<table>
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<tbody>
<tr>
<td>Dayscholar</td>
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<td>8</td>
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<td>14</td>
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<tr>
<td>Total</td>
<td>14</td>
<td>9</td>
<td>23</td>
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</tbody>
</table>

**State-wise Break up of students**

<table>
<thead>
<tr>
<th>STATE</th>
<th>M</th>
<th>F</th>
<th>T</th>
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<tbody>
<tr>
<td>Assam</td>
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</tr>
<tr>
<td>Nagaland</td>
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Palli Siksha Bhavana  
(Institute of Agricultural Science)  
Adhyaksha (Principal) : Prof. P.S. Munshi  
Roll Strength as on 31. 03. 2013

### B.Sc. (Ag.) Hons.

<table>
<thead>
<tr>
<th>Course</th>
<th>General</th>
<th>Scheduled Caste</th>
<th>Scheduled Tribe</th>
<th>Physically Handi-capped</th>
<th>OBC Students</th>
<th>Minority Students</th>
<th>Citizenship Indian Students</th>
<th>Resident Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Yr.</td>
<td>M. 189</td>
<td>F. 07 01 01 02 00 00</td>
<td>F. 10 03 3 2 36 15 25 08</td>
<td>M. 08 05 1 1 32 14 21 11</td>
<td>M. 02 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 02 00 00 00</td>
</tr>
<tr>
<td>2nd Yr.</td>
<td>M. 206</td>
<td>F. 03 02 01 01 00 00</td>
<td>F. 11 02 2 2 32 13 23 08</td>
<td>M. 06 00 03 3 29 10 19 10</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
</tr>
<tr>
<td>3rd Yr.</td>
<td>M. 149</td>
<td>F. 06 02 1 00 00 00</td>
<td>F. 11 02 2 2 32 13 23 08</td>
<td>M. 06 00 03 3 29 10 19 10</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
</tr>
<tr>
<td>4th Yr.</td>
<td>M. 166</td>
<td>F. 06 02 00 02 01 00</td>
<td>F. 06 00 03 3 29 10 19 10</td>
<td>M. 06 00 03 3 29 10 19 10</td>
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<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
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<td>M. 68</td>
<td>F. 30 22 07 03 05 01 00</td>
<td>F. 35 10 6 8 129 52 88 37</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
<td>M. 01 00 00 00</td>
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### M.Sc. (Ag.)

<table>
<thead>
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<th>Course</th>
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<th>Scheduled Tribe</th>
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<th>OBC Students</th>
<th>Minority Students</th>
<th>Citizenship Indian Students</th>
<th>Resident Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Yr.</td>
<td>M. 13</td>
<td>F. 03 04 00 03 02 00 00</td>
<td>F. 08 03 02 02 28 08 25 07</td>
<td>M. 05 00 02 00 27 05 20 05</td>
<td>M. 00 00 00 00</td>
<td>M. 00 00 00 00</td>
<td>M. 00 00 00 00</td>
<td>M. 00 00 00 00</td>
</tr>
<tr>
<td>2nd Yr.</td>
<td>M. 14</td>
<td>F. 03 01 05 00 00 00</td>
<td>F. 05 00 02 00 27 05 20 05</td>
<td>M. 05 00 02 00 27 05 20 05</td>
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<td>M. 00 00 00 00</td>
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<td>M. 00 00 00 00</td>
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<tr>
<td>TOTAL</td>
<td>M. 27</td>
<td>F. 07 01 08 02 00 00</td>
<td>F. 13 03 04 02 55 13 45 12</td>
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### Ph.D

<table>
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<tr>
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<th>OBC Students</th>
<th>Minority Students</th>
<th>Citizenship Indian Students</th>
<th>Resident Students</th>
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</thead>
<tbody>
<tr>
<td>102 20</td>
<td>M. F.</td>
<td>F. 07 01 01 02 00 00</td>
<td>F. 00 00 00 00</td>
<td>F. 08 03 02 02 28 08 25 07</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
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</table>

### B.Sc. (Ag.) Hons.  
New Admission

<table>
<thead>
<tr>
<th>Course</th>
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<th>Scheduled Tribe</th>
<th>Physically Handi-capped</th>
<th>OBC Students</th>
<th>Minority Students</th>
<th>Citizenship Indian Students</th>
<th>Resident Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admitted</td>
<td>M. F.</td>
<td>F. 07 01 01 02 00 00</td>
<td>F. 10 03 - - - -</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
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<tr>
<td>Applied</td>
<td>493 251</td>
<td>129 36 16 15 07 00</td>
<td>F. 00 00 00 00</td>
<td>F. 94 40 - - - -</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
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### M.Sc. (Ag.)  
New Admission

<table>
<thead>
<tr>
<th>Course</th>
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<th>Scheduled Tribe</th>
<th>Physically Handi-capped</th>
<th>OBC Students</th>
<th>Minority Students</th>
<th>Citizenship Indian Students</th>
<th>Resident Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admitted</td>
<td>M. F.</td>
<td>F. 04 00 03 02 00 00</td>
<td>F. 08 03 - - - -</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
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<td>M. F.</td>
<td>M. F.</td>
<td>M. F.</td>
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</table>
**Ch-IV**

**Distribution of Dayscholar and Resident students**

<table>
<thead>
<tr>
<th></th>
<th>M</th>
<th>F</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dayscholar</td>
<td>153</td>
<td>36</td>
<td>189</td>
</tr>
<tr>
<td>Resident</td>
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<td>49</td>
<td>182</td>
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<tr>
<td><strong>Total</strong></td>
<td>286</td>
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<td>371</td>
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**State Wise break-up of students (From Outside West Bengal)**

<table>
<thead>
<tr>
<th>STATE</th>
<th>M</th>
<th>F</th>
<th>T</th>
</tr>
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<tbody>
<tr>
<td>Bihar</td>
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<td>13</td>
</tr>
<tr>
<td>Uttar Pradesh</td>
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<td>3</td>
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<tr>
<td>Jharkhand</td>
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<td>1</td>
<td>5</td>
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<td>Orissa</td>
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<td>31</td>
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<tr>
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<tr>
<td>Arunachal Pradesh</td>
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<td>1</td>
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## Patha-Bhavana
(School Section)
Adhyaksha (Principal) : Smt. Bodhirupa Sinha
Roll Strength as on 31.03.2013

<table>
<thead>
<tr>
<th>Course</th>
<th>General</th>
<th>Scheduled Caste</th>
<th>Scheduled Tribe</th>
<th>Physically Handi-capped</th>
<th>OBC Students</th>
<th>Residents Students</th>
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<tbody>
<tr>
<td></td>
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<td>M.</td>
<td>F.</td>
<td>M.</td>
<td>F.</td>
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<td>17</td>
<td>13</td>
<td>10</td>
<td>06</td>
<td>02</td>
<td>01</td>
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<tr>
<td>MAP II</td>
<td>14</td>
<td>22</td>
<td>03</td>
<td>08</td>
<td>04</td>
<td>01</td>
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<td></td>
<td></td>
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<tr>
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<td>16</td>
<td>20</td>
<td>6</td>
<td>14</td>
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<tr>
<td>III</td>
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<td>14</td>
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<tr>
<td>IV</td>
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<td>26</td>
<td>9</td>
<td>13</td>
<td>2</td>
<td>4</td>
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<td>V</td>
<td>24</td>
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<td>12</td>
<td>4</td>
<td>4</td>
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<td>27</td>
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<td>36</td>
<td>5</td>
<td>16</td>
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<td>4</td>
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<td>39</td>
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<td>4</td>
<td>5</td>
<td>2</td>
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<td>13</td>
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<td>13</td>
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<td>6</td>
<td>4</td>
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<td>3</td>
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### NEW ADMISSION

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<td>MAP I</td>
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<td>Class- II</td>
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<tr>
<td>Class - V</td>
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<td>Class - VII</td>
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<td>Total</td>
<td>160</td>
<td>174</td>
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349 Annual Report 2012-13
Dayscholar and Resident Students

<table>
<thead>
<tr>
<th></th>
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<th>T.</th>
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<tbody>
<tr>
<td>Dayscholar</td>
<td>412</td>
<td>450</td>
<td>862</td>
</tr>
<tr>
<td>Resident</td>
<td>138</td>
<td>176</td>
<td>314</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>550</strong></td>
<td><strong>626</strong></td>
<td><strong>1176</strong></td>
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Distribution of Foreign Students
(From Outside West Bengal)

<table>
<thead>
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<th>COUNTRY</th>
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<tr>
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<td>1</td>
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<tr>
<td>Thailand</td>
<td>1</td>
<td>-</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>3</strong></td>
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State-wise break-up of students

<table>
<thead>
<tr>
<th>STATE</th>
<th>M.</th>
<th>F.</th>
<th>T.</th>
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</thead>
<tbody>
<tr>
<td>Odisha</td>
<td>-</td>
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<td>1</td>
</tr>
<tr>
<td>Bihar</td>
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<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Manipur-</td>
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<td>1</td>
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<tr>
<td>Foreigner</td>
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<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>5</strong></td>
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</tbody>
</table>
## Siksha-Satra

(Institute Primary, Secondary & Higher Secondary Education)

Adhyaksha (Principal) : Dr. Jayanta Kr. Bhattacharya

Roll Strength as on 31.03.2013

### Course Roll Strength

<table>
<thead>
<tr>
<th>Course</th>
<th>General</th>
<th>Scheduled</th>
<th>Scheduld</th>
<th>Physically</th>
<th>OBC</th>
<th>Minority</th>
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<tbody>
<tr>
<td>Upto</td>
<td>Caste</td>
<td>Tribe</td>
<td>Handi-capped</td>
<td>Students</td>
<td>Students</td>
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<tr>
<td>Class-XII</td>
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<td></td>
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<tr>
<td>KG</td>
<td>M. 5 F. 12</td>
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<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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<tr>
<td>I</td>
<td>M. 8 F. 14</td>
<td>M. 5 F. 2</td>
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<td>M. 1 F. 2</td>
<td>M. 1 F. 2</td>
<td>M. 1 F. 2</td>
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<td>II</td>
<td>M. 7 F. 19</td>
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<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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<tr>
<td>III</td>
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<td>M. 6 F. 3</td>
<td>M. 2 F. 3</td>
<td>M. 2 F. 3</td>
<td>M. 2 F. 3</td>
<td>M. 2 F. 3</td>
</tr>
<tr>
<td>IV</td>
<td>M. 7 F. 8</td>
<td>M. 3 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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<tr>
<td>V</td>
<td>M. 21 F. 13</td>
<td>M. 5 F. 5</td>
<td>M. 5 F. 5</td>
<td>M. 5 F. 5</td>
<td>M. 5 F. 5</td>
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<td>VI</td>
<td>M. 30 F. 20</td>
<td>M. 16 F. 5</td>
<td>M. 4 F. 1</td>
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<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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<tr>
<td>VII</td>
<td>M. 21 F. 34</td>
<td>M. 8 F. 11</td>
<td>M. 5 F. 2</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
</tr>
<tr>
<td>VIII</td>
<td>M. 30 F. 27</td>
<td>M. 10 F. 8</td>
<td>M. 4 F. 2</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
</tr>
<tr>
<td>IX</td>
<td>M. 23 F. 26</td>
<td>M. 12 F. 5</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
</tr>
<tr>
<td>X</td>
<td>M. 26 F. 30</td>
<td>M. 5 F. 10</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
</tr>
<tr>
<td>XI</td>
<td>M. 23 F. 26</td>
<td>M. 12 F. 11</td>
<td>M. 4 F. 3</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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<tr>
<td>XII</td>
<td>M. 25 F. 19</td>
<td>M. 4 F. 10</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
</tr>
<tr>
<td>Total</td>
<td>M. 231 F. 252</td>
<td>M. 93 F. 77</td>
<td>M. 30 F. 21</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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### New Admission

<table>
<thead>
<tr>
<th>Course</th>
<th>General</th>
<th>Scheduled</th>
<th>Scheduld</th>
<th>Physically</th>
<th>OBC</th>
<th>Minority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upto</td>
<td>Caste</td>
<td>Tribe</td>
<td>Handi-capped</td>
<td>Students</td>
<td>Students</td>
<td></td>
</tr>
<tr>
<td>Class-XII</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KG</td>
<td>M. 5 F. 12</td>
<td>M. 5 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
</tr>
<tr>
<td>Class-V</td>
<td>M. 17 F. 3</td>
<td>M. 3 F. 2</td>
<td>M. 2 F. 2</td>
<td>M. 2 F. 2</td>
<td>M. 2 F. 2</td>
<td>M. 2 F. 2</td>
</tr>
<tr>
<td>Class-VI</td>
<td>M. 6 F. 7</td>
<td>M. 6 F. 3</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
<td>M. 1 F. 1</td>
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</tbody>
</table>

### Dayscholar and Resident Students

<table>
<thead>
<tr>
<th></th>
<th>M. 397</th>
<th>F. 389</th>
<th>T. 786</th>
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<tbody>
<tr>
<td>Dayscholar</td>
<td></td>
<td></td>
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<tr>
<td>Total</td>
<td>397</td>
<td>389</td>
<td>786</td>
</tr>
</tbody>
</table>

351 Annual Report 2012-13
Chapter-5

Library Facilities
Annual Report of the Central Library for the Period 2012-13

Total number of books / Periodicals during the year 2012-13:
a) Books Purchased (Print) 2252
b) E-Books Purchased (Perpetual) & Subscription NIL
c) Books received as gift 1662
d) Titles of Journal subscribed (For Central Library 294 + for Sectional Libraries 53) 347
e) Titles of Journals received as gift 1472
f) CD/DVDs (containing Journals) Subscribed 52
g) CD/DVDs (containing Journals) as gift 08

Total number of books / Periodicals Accessed as on 31.03. 2013:
Purchased - Books 421895
Gift - Books 6224
Total Books (Print) 428119
Purchased - E-Books 3836
Subscribed - E-Books : 84075
Total E-Books 87911
Received Issues of Journals & Newspaper (Subscribed) 15522
Received Issues of Journals (Gift) 1698
Accessioned for Bound Journals 107

Total number of books transferred to Departmental / Sectional Libraries:
a) Sectional Libraries NIL
b) Seminar / Departmental Libraries 633

Issue and Return of Books/ Periodicals:
a) Title Issued (Books) 27765
b) Title Returned (Books) 28028
c) Reserve for reissue 4920
d) Title consulted at Reference Section (Ref. Doc., Gen. Stack doc.) 4879
e) Title consulted at Reading Room (Books) 9713
f) Periodical consulted (loose issues, bound volumes & Online) 3393

Photocopy Services with number of documents and pages:
a. Photocopied of Loose issues (Periodical) 125 (801 pages)
b. Photocopy of Reference Documents 195 (2309 pages)
c. Photocopy of Documents from Stack (Text Books) 226 (2496 pages)

Other Modern Technology-based Services:
a) Number of CD / DVD consulted at Periodical Section 30
b) Total users Browsed E-Journal / Database at Periodical + Ref. Sec. 3393+ 5792= 9185
c) Total UGC-INFONET e-journals full-text downloads or views by users = 60814
d) Total Users Used OPAC search Facilities 17343
e) Inter Library Loan service through DELNET 021

Annual Report 2012-13 352
f) Number of users requested for digitization 14

e) Total pages digitized on reader's request 862

**Resource Sharing**

JCCC@INFLIBNET

Service Usage Report for the Data Range 1/4/2012 - 31/3/2013:

Hits- 4167

Request Sent By Visva-Bharati during 1/4/2012 - 31/3/2013:

DDR Fulfilled- 16

DDR Pending- 05

DDR-Unable to Fulfill-11

**DELNET:**

Request Received: 18 {Books}

Unable to Fulfill: 10 {Books}

Request Fulfilled: 8 {Books}

Request Sent: 3 {1 (Books) + 2 (Articles)}

Request Fulfilled: 3 {1 (Books) + 2 (Articles)}

Books from British Council Library: 45

Personal behalf:

Article Sent: 4

Article Received: 7

**Membership for Inter Library Loan (ILL) / Document Delivery Service (DDS):**

- American Library, Kolkata
- DELNET, New Delhi
- British Council Library, Kolkata

**Current title of Database subscribed during the year: 07**

- American Library
- British Council Library (More than 14000 e-journals & 83000+ e-books)
- DELNET
- IndiaStat.Com
- J-Gate (More than 32000 e-journals)
- OLDO (Oxford Language Dictionary Online)
- Sage Research Method Online

**Library Members:**

- Total Registered Members 6807
- Total numbers of Readers visited at Reading Room 19092
- Total numbers of Readers visited at Periodical Section 6627
- Total numbers of Readers visited at Reference Section 12378
- Total numbers of Readers entered into the stack room 16191
- Total users access the library resources through home page (172.16.2.2) 6579
Temporary Members / Scholars Visited during the period:

- Total No. of days Library used/visited: 2729
- No. of Persons: International
  [UK - 1, USA - 3, Japan - 5, Mexico - 1, France - 1, Canada - 4, Korea - 2, Hungary - 1]
- No. of days used/visited: 170
- No. of Persons: West Bengal:
- No. of days used/visited: 2369
- No. of Persons: Other States
- No. of days used/visited: 190

Library Hours:
- All days except weekly holidays (Wednesday & Sunday): 7 a.m. to 8 p.m
- Wednesday and Sunday: 10 a.m. to 5 p.m
- Other holidays: Remains closed
- Total No. of days Library open: (a) 247 days + (b) 77 days = 324 days

Books Classified & Catalogued and added/modified to the Catalogue database by Central Library by using library software (LibSys) during 2012-13:
Total processed (with LibSys) books (Newly purchased and Retrospective conversion): 5892

14. Braille Unit:

<table>
<thead>
<tr>
<th>No. of User</th>
<th>No. of days visited</th>
<th>Used time (in hour)</th>
<th>Document read &amp; scan</th>
</tr>
</thead>
<tbody>
<tr>
<td>07</td>
<td>108</td>
<td>207.30</td>
<td>36</td>
</tr>
</tbody>
</table>

Braille Unit opened during August 2012

Recovery of Library Resources:
Overdue notice issued to 328 Members for 909 Book titles
Books returned by the members - 235 Book titles
Books replaced by the members - 15 Book titles
Cost Realized amounting to Rs. 71,690/- for 87 Books

Publication:

Acquisition Section:
Number of books purchased subject wise:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Number</th>
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<tbody>
<tr>
<td>Languages</td>
<td>1248</td>
</tr>
<tr>
<td>Humanities and Social Sciences</td>
<td>381</td>
</tr>
<tr>
<td>Science</td>
<td>63</td>
</tr>
<tr>
<td>Home Science</td>
<td>-</td>
</tr>
<tr>
<td>Computer Science</td>
<td>38</td>
</tr>
<tr>
<td>Commerce &amp; Management</td>
<td>234</td>
</tr>
<tr>
<td>Education</td>
<td>-</td>
</tr>
</tbody>
</table>
### Engineering & Technology
Medical Sciences
Agriculture Sciences
Veterinary Sciences
Law
Others (Music, Arts, Religion etc.)
**Total:** -

### Periodical Section:
Foreign Journals
Indian Journals (including Magazines)
Magazines
News Papers
**Total subscribed for Central Library:** -

### Circulation Section:
Category
Teacher
Scholar
Student
Staff
Others
**Grand Total**
Library Users
573
4654351
756
1126807

### Users visit at different sections of Central Library (month-wise):

<table>
<thead>
<tr>
<th>Month</th>
<th>Reading Room</th>
<th>Periodical Section</th>
<th>Stack Room</th>
<th>Reference Section</th>
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<tbody>
<tr>
<td>April-2012</td>
<td>2648</td>
<td>285</td>
<td>1080</td>
<td>1650</td>
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<tr>
<td>May-2012</td>
<td>1020</td>
<td>138</td>
<td>480</td>
<td>681</td>
</tr>
<tr>
<td>June-2012</td>
<td>824</td>
<td>117</td>
<td>511</td>
<td>663</td>
</tr>
<tr>
<td>July-2012</td>
<td>1078</td>
<td>276</td>
<td>1846</td>
<td>951</td>
</tr>
<tr>
<td>August-2012</td>
<td>1796</td>
<td>634</td>
<td>2632</td>
<td>1716</td>
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<td>September-2012</td>
<td>3112</td>
<td>1025</td>
<td>2234</td>
<td>1983</td>
</tr>
<tr>
<td>October-2012</td>
<td>1562</td>
<td>540</td>
<td>1148</td>
<td>1320</td>
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<td>November-2012</td>
<td>1248</td>
<td>586</td>
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<td>1639</td>
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<td>December-2012</td>
<td>1168</td>
<td>540</td>
<td>774</td>
<td>1209</td>
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<td>January-2013</td>
<td>714</td>
<td>680</td>
<td>1743</td>
<td>666</td>
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<td>February-2013</td>
<td>1336</td>
<td>888</td>
<td>1299</td>
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<tr>
<td>March-2013</td>
<td>2586</td>
<td>918</td>
<td>1419</td>
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<td><strong>Total</strong></td>
<td><strong>19092</strong></td>
<td><strong>6627</strong></td>
<td><strong>16191</strong></td>
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Chap-V

Cataloguing Section

<table>
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<tr>
<th>Volumes catalogued:</th>
<th>Volumes pending to catalogued:</th>
<th>Volumes catalogued:</th>
<th>Volumes pending to catalogued:</th>
<th>Retrospective conversion of books</th>
<th>Total no. of books catalogued during 2012-13</th>
</tr>
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<tbody>
<tr>
<td>1563</td>
<td>589</td>
<td>720</td>
<td>942</td>
<td>3609</td>
<td>5892</td>
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</table>

Information related to Sectional Libraries:

<table>
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<th>Sectional Libraries</th>
<th>Total books as on 31.03.13</th>
<th>Number of books accessioned</th>
<th>Periodicals Titles</th>
<th>Books Issued &amp; Returned</th>
<th>Reference services</th>
<th>Total No. of Users</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Purchased</td>
<td>Gift</td>
<td>Subscribed</td>
<td>Gift</td>
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<td>Cheena-Bhavana</td>
<td>45147</td>
<td>79</td>
<td>14</td>
<td>02</td>
<td>3619</td>
<td>4345</td>
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<td>Siksha-Bhavana</td>
<td>15676</td>
<td>313</td>
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<td>297</td>
<td>5781</td>
<td>1600</td>
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<td>Patha-Bhavana</td>
<td>34415</td>
<td>74</td>
<td>16</td>
<td>9372</td>
<td>10132</td>
<td>254</td>
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<tr>
<td>Darshan Sadan *</td>
<td>13555</td>
<td>74</td>
<td>16</td>
<td>9372</td>
<td>10132</td>
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<td>Hindi-Bhavana</td>
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<td>09</td>
<td>2119</td>
<td>498</td>
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<td>Sangit-Bhavana</td>
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<td>3680</td>
<td>2750</td>
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<td>Vinaya-Bhavana</td>
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<td>6915</td>
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<td>673</td>
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<td>Rabindra-Bhavana</td>
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<td>27</td>
<td>1678</td>
<td>—</td>
<td>—</td>
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<tr>
<td>PSB</td>
<td>47529</td>
<td>823</td>
<td>87</td>
<td>38440</td>
<td>12854</td>
<td>935</td>
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<td>16416</td>
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<td>3700</td>
<td>1109</td>
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<td>Siksha-Satra</td>
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<td>18</td>
<td>24</td>
<td>7994</td>
<td>6154</td>
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<td>TOTAL</td>
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<td>1664</td>
<td>446</td>
<td>252</td>
<td>174</td>
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</tr>
</tbody>
</table>
## Chapter-6

**VISVA-BHARATI**  
Santiniketan  
**Status / physical progress of ongoing projects initiated during XI Plan period**  
(As on 31.03.2013)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Project</th>
<th>Execution</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Extension of Vidya Bhavana Complex and Construction of Bhasa Bhavana</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>2</td>
<td>Construction of Building for Integrated Science Course (Siksha Bhavana)</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>3</td>
<td>Construction of Building for Kala-Bhavana &amp; Sangit Bhavana</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Repair &amp; renovation of Sangit Bhavana Stage</td>
<td></td>
<td>Work in progress</td>
</tr>
<tr>
<td>4</td>
<td>Remodelling of Silpa Sadana</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>5</td>
<td>School</td>
<td>CPWD</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td>Extension of additional one floor on the newly constructed Girls’ Hostel for Patha Bhavana</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Repairs at Patha-Bhavana</td>
<td>Engg. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td>6</td>
<td>Repairs at Siksha Satra</td>
<td>Engg. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td>7</td>
<td>Construction of building for Siksha Satra</td>
<td>Engg. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Construction of Building for PCK, Social Work &amp; REC</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>8</td>
<td>Construction of Sports Complex and Construction of Building for Education &amp; Physical Education</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>9</td>
<td>Construction of Building for PSB</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Construction of rooms &amp; repair / renovation of buildings</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
<td>“</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>“</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Zoology</td>
<td>“</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Botany</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>EES</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>PRO</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Anthropology</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Sriniketan Hospital</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td></td>
<td>Siksha Bhavana Stage</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>
**Ch-VI**

### Non-Language Departments of Vidya Bhavana

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expansion of Dept. of Philosophy &amp; Religion</td>
<td>Eng. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Anti Termite Treatment</td>
<td>CPWD</td>
<td>Completed</td>
</tr>
<tr>
<td>Construction of Building for Social Science/Non-Language Dept. of Vidya Bhavana &amp; Museum of AIHC&amp;A</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### Health

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up-gradation of Medical Facility (including ICCU) at P.M.H.</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### Library

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renovation of Central Library &amp; Construction of 2 nos. toilet</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Extension of Central Library</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Extension of another floor to the building for Integrated Science Course to accommodate Siksha Bhavana Library</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Books &amp; Journals</td>
<td>Library</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### Student Amenities

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction of Girls Hostel</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Construction of Boys Hostel (SC)</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Canteen / Toilet Block</td>
<td>CPWD &amp; Engg. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Cycle Stand</td>
<td>Engg. Dept.</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Sports Infrastructure</td>
<td>Sports Board</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Repairing of student hostel</td>
<td>Engg. Dept.</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### ICT

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Centre &amp; Other Sections</td>
<td>Computer Centre</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### Natya Ghar - CD

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrification of Natyaghar</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Renovation of Natyaghar- Phase-II (Acoustics &amp; Interior Works)</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### Guest House - CD

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rennovation of Guest Houses</td>
<td>Engg. Dept.</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

### Augmentation of Electricity Supply and LT Connection with Dedicated Feeder for the new buildings during Xth & XIth Plan period - CD

<table>
<thead>
<tr>
<th>Department</th>
<th>Work in progress</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Engg. Dept./CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td>Department</td>
</tr>
<tr>
<td>-----</td>
<td>------------------------------------------------------------------------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>18</td>
<td>Installation of addl. Sub-Stations for new building and Pump Houses - CD</td>
<td>Engg. Dept</td>
</tr>
<tr>
<td>19</td>
<td><strong>Boundary Wall &amp; Fencing - CD</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Construction of Boundary walls at various locations of the campus - CD</td>
<td>Engg. Dept.</td>
</tr>
<tr>
<td>20</td>
<td><strong>Replacing and repairing of damaged over-head water tanks at various locations - CD</strong></td>
<td>Engg. Dept.</td>
</tr>
<tr>
<td>21</td>
<td><strong>11th Plan water supply scheme - CD</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Construction of overhead tanks for the new buildings for the new buildings constructed under X &amp; XI Plan - CD</td>
<td>PHED</td>
</tr>
<tr>
<td></td>
<td>Sinking of deep Tube Well for the new buildings - CD</td>
<td>PHED</td>
</tr>
<tr>
<td></td>
<td>Revamping of water supply distribution system (laying of C.I. pipe) - CD</td>
<td>PHED</td>
</tr>
<tr>
<td></td>
<td>Chlorine dosing &amp; Iron arrester - CD</td>
<td>PHED</td>
</tr>
<tr>
<td>22</td>
<td><strong>Projects under Campus Development</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roads</td>
<td>CPWD</td>
</tr>
<tr>
<td></td>
<td>Beautification / Gate</td>
<td>CPWD</td>
</tr>
<tr>
<td>23</td>
<td><strong>Construction of Quarters - CD</strong></td>
<td>CPWD</td>
</tr>
<tr>
<td>24</td>
<td><strong>Roof Treatment of Academic Buildings - CD</strong></td>
<td>Engg. Dept.</td>
</tr>
<tr>
<td>25</td>
<td><strong>Extension of Administrative Building - CD</strong></td>
<td>Engg. Dept.</td>
</tr>
<tr>
<td>26</td>
<td><strong>Construction of Drains - CD</strong></td>
<td>Engg. Dept.</td>
</tr>
<tr>
<td>27</td>
<td><strong>Completion of 10th Plan water supply Scheme - CD</strong></td>
<td>CPWD &amp; Engg. Dept.</td>
</tr>
<tr>
<td>28</td>
<td><strong>Restoration of water bodies and other miscellaneous - CD</strong></td>
<td>Estate</td>
</tr>
<tr>
<td>29</td>
<td><strong>Equipment</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Different Departments</td>
<td>Departmentally</td>
</tr>
<tr>
<td></td>
<td>ICCU &amp; Lang Lab</td>
<td>CPWD</td>
</tr>
<tr>
<td>30</td>
<td><strong>Others for Heritage Items</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RB, KB-Museum upgradation, Restoration, Preservation etc.</td>
<td>RB</td>
</tr>
<tr>
<td></td>
<td>Development of Sriniketan Area</td>
<td>Engg. Dept.</td>
</tr>
<tr>
<td></td>
<td>Renovation / restoration / const. etc. works at core Ashrama area (Patha-Bhavana, Kala-Bhavana, Sangit Bhavana, etc.)</td>
<td>Asst. Engg.,TMI</td>
</tr>
<tr>
<td>31</td>
<td><strong>Furniture, Fixture etc.</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Different Departments</td>
<td>Departmentally</td>
</tr>
<tr>
<td></td>
<td>Patha Bhavana and other</td>
<td>CPWD &amp; Dept.</td>
</tr>
</tbody>
</table>
32 **Extension Activities**

Different Departments

Departmentally  Work in progress

33 **Staff & Other Recurring Expenditure**

Staff Salary

Different Departments

Enng. Depts.  Work in progress

Execution of minor repair works

(civil, electrical, water supply, instrumentation, computer & peripherals etc.) departmentally.

Enng. Dept.  Work in progress

Repair of the erstwhile residence

(Nirala) of Prof. A.K. Das Gupta at 33, Purbapalli

Engg. Dept.  Work in progress

Repair work at Siksha Bhavana

(as reported by the University Engineer in the PB meeting dt.14.1.12)

Engg. Dept.  Work in progress

Meetings (selection for OBC posts & others)

Meeting Section  Work in progress

Establishment of Point of Presence of National Knowledge Network and Gigabit Campus LAN

Computer Centre  Work in progress

Repair work of Natya Ghar

(fencing at front and back, temporary fencing for providing passage of vehicles in connection with ongoing construction work of Sangit-Kala building, gardening at front) to be carried out by the Engg. Dept.

Engg. Dept.  Work in progress

Minor repairing and face lifting of buildings surrounding the area of Central Office

Engg. Dept.  Work in progress

Repair work of Natya Ghar (interior flooring, interior wall finishing), to be carried out by CPWD

CPWD  Work in progress

Repairing of toilets at hostels of Vidya Bhavana Boys’ hostels

CPWD  Work in progress

Repairing of the depts. of Padma Bhavana including dept. of History

Engg. Dept.  Work in progress
<table>
<thead>
<tr>
<th>Description</th>
<th>Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repairing of toilets at various student hostels</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Repairing (including civil and electrical) works at Ratankuthi, International, Purbapalli and Sriniketan Guest Houses</td>
<td>Asst. Engg. TMI</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Repair works of Granthan-Vibhaga (Publishing dept.) Building, Kolkata</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Repairing work at Vice-Chancellor’s office building (ground and 1st floor)</td>
<td>Engg. Dept.</td>
<td>Completed</td>
</tr>
<tr>
<td>Laying underground electrical cable throughout the campus</td>
<td>WBSEDCL</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

34 **Additional Grant for Campus Development under XI Plan Grant**

<table>
<thead>
<tr>
<th>Description</th>
<th>Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus Beautification</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Refurbishing of Central Administrative Building</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Repair of various buildings of the campus</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Repair of the official residence of Upacharya (Purbita)</td>
<td>Engg. Dept.</td>
<td>Completed</td>
</tr>
<tr>
<td>Repairing work at Vice-Chancellor’s office building (ground and 1st floor)</td>
<td>Engg. Dept.</td>
<td>Completed</td>
</tr>
<tr>
<td>Laying underground electrical cable throughout the campus</td>
<td>WBSEDCL</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

35 **Accumulated interest (OBC & XI Plan GD, XI Plan M.S) as allocated by the PB in its meeting dt.14.01.12**

<table>
<thead>
<tr>
<th>Description</th>
<th>Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leveling of Vinay Bhavana Ground</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Construction of toilet blocks at various student hostels</td>
<td>CPWD</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Beautification and plantation along the newly constructed boundary wall TMI</td>
<td>Asst. Engg., TMI</td>
<td>Work in progress</td>
</tr>
<tr>
<td>Electrical outdoor lights/garden lights towards augmentation of security in the surrounding area</td>
<td>WBSEDCL</td>
<td>Work in progress</td>
</tr>
</tbody>
</table>

N.B.: CD stands for Campus Development.
**Chapter-7**

**UNIVERSITY FINANCE**

Comparative Expenditure Statement for the five years (Non-Plan)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rs. In lakhs</td>
<td>Rs. In lakhs</td>
<td>Rs. In lakhs</td>
<td>Rs. In lakhs</td>
<td>Rs. In lakhs</td>
</tr>
<tr>
<td><strong>RECEIPTS :</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UGC Grant</td>
<td>8728.05</td>
<td>12794.68</td>
<td>12827.07</td>
<td>11724.62</td>
<td>14127.50</td>
</tr>
<tr>
<td>Self Generation</td>
<td>166.71</td>
<td>196.74</td>
<td>406.00</td>
<td>682.24</td>
<td>618.12</td>
</tr>
<tr>
<td><strong>TOTAL :</strong></td>
<td>8894.76</td>
<td>12991.42</td>
<td>13233.07</td>
<td>12406.86</td>
<td>14745.62</td>
</tr>
<tr>
<td><strong>PAYMENTS :</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pay &amp; Allowance</td>
<td>6239.68</td>
<td>8939.48</td>
<td>8200.02</td>
<td>8602.36</td>
<td>9511.17</td>
</tr>
<tr>
<td>Pension &amp; Retirement Benefits</td>
<td>2064.43</td>
<td>3120.73</td>
<td>2963.98</td>
<td>3193.90</td>
<td>3804.08</td>
</tr>
<tr>
<td>Non-Salary Expenditure</td>
<td>801.92</td>
<td>724.31</td>
<td>900.87</td>
<td>941.29</td>
<td>1531.67</td>
</tr>
<tr>
<td><strong>TOTAL :</strong></td>
<td>9106.03</td>
<td>12784.52</td>
<td>12064.87</td>
<td>12737.55</td>
<td>14846.92</td>
</tr>
</tbody>
</table>

**Contribution of the UGC & Self Generation**

![Chart showing contribution of UGC and Self Generation]

<table>
<thead>
<tr>
<th>Year</th>
<th>UGC Grant</th>
<th>Self Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2009</td>
<td>8,728.05</td>
<td>166.71</td>
</tr>
<tr>
<td>2009-2010</td>
<td>12,794.68</td>
<td>196.74</td>
</tr>
<tr>
<td>2010-2011</td>
<td>12,827.07</td>
<td>406</td>
</tr>
<tr>
<td>2011-2012</td>
<td>11,724.62</td>
<td>682.24</td>
</tr>
<tr>
<td>2012-2013</td>
<td>14,127.50</td>
<td>618.12</td>
</tr>
</tbody>
</table>

Annual Report 2012-13
Fund Non-Plan (Maintenance Grant Received from UGC during The Financial Year 2012-2013)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Amount (Rs.) in Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Advance</td>
<td>2370.12</td>
</tr>
<tr>
<td>2. 1st. Installment</td>
<td>2088.05</td>
</tr>
<tr>
<td>3. 2nd Installment</td>
<td>159.80</td>
</tr>
<tr>
<td>4. 3rd Installment</td>
<td>913.16</td>
</tr>
<tr>
<td>5. 4th Installment</td>
<td>158.75</td>
</tr>
<tr>
<td>6. 5th Installment</td>
<td>3161.01</td>
</tr>
<tr>
<td>7. 6th Installment</td>
<td>2973.24</td>
</tr>
<tr>
<td>8. Final Installment</td>
<td>2303.37</td>
</tr>
<tr>
<td>Total</td>
<td>14,127.50</td>
</tr>
</tbody>
</table>

Composition of Non-Plan Expenditure

<table>
<thead>
<tr>
<th>Year</th>
<th>Pay &amp; Allowance</th>
<th>Pension &amp; Retirement Benefits</th>
<th>Non-Salary Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2009</td>
<td>952.58</td>
<td>1393.14</td>
<td>3922.14</td>
</tr>
<tr>
<td>2009-2010</td>
<td>6239.68</td>
<td>2064.43</td>
<td>801.92</td>
</tr>
<tr>
<td>2010-2011</td>
<td>8200.02</td>
<td>2963.98</td>
<td>900.87</td>
</tr>
<tr>
<td>2011-2012</td>
<td>941.29</td>
<td>3193.9</td>
<td>8602.36</td>
</tr>
<tr>
<td>2012-2013</td>
<td>9511.17</td>
<td>3804.08</td>
<td>1531.67</td>
</tr>
</tbody>
</table>
### Ten years’ Financial Performance at a Glance (Non-Plan)

<table>
<thead>
<tr>
<th>Year</th>
<th>Opening Balance</th>
<th>Grants from UGC</th>
<th>Self generation</th>
<th>GROSS Inflow</th>
<th>FUNDS Available</th>
<th>Actual Expenditure</th>
<th>Closing Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-04</td>
<td>869.67</td>
<td>4,871.43</td>
<td>190.73</td>
<td>5,062.16</td>
<td>5,931.83</td>
<td>4,572.95</td>
<td>1,358.88</td>
</tr>
<tr>
<td>2004-05</td>
<td>1,358.88</td>
<td>4,151.14</td>
<td>181.65</td>
<td>4,332.79</td>
<td>5,691.67</td>
<td>4,851.13</td>
<td>840.54</td>
</tr>
<tr>
<td>2005-06</td>
<td>840.53</td>
<td>4430.66</td>
<td>123.58</td>
<td>4554.24</td>
<td>5394.77</td>
<td>5739.22</td>
<td>-344.45</td>
</tr>
<tr>
<td>2006-07</td>
<td>-344.45</td>
<td>5657.71</td>
<td>146.48</td>
<td>5804.19</td>
<td>5459.74</td>
<td>5689.11</td>
<td>-229.37</td>
</tr>
<tr>
<td>2007-08</td>
<td>-229.37</td>
<td>6207.82</td>
<td>230.05</td>
<td>6437.87</td>
<td>6308.50</td>
<td>6268.16</td>
<td>-59.66</td>
</tr>
<tr>
<td>2008-09</td>
<td>-59.66</td>
<td>8759.82</td>
<td>157.26</td>
<td>8917.08</td>
<td>8857.42</td>
<td>8998.25</td>
<td>-140.83</td>
</tr>
<tr>
<td>2009-10</td>
<td>-482.18</td>
<td>12794.68</td>
<td>196.74</td>
<td>12991.42</td>
<td>12509.24</td>
<td>12784.52</td>
<td>-275.28</td>
</tr>
<tr>
<td>2010-11</td>
<td>-275.28</td>
<td>12827.07</td>
<td>406.00</td>
<td>13233.07</td>
<td>12064.87</td>
<td>12737.55</td>
<td>892.92</td>
</tr>
<tr>
<td>2011-12</td>
<td>892.92</td>
<td>11724.62</td>
<td>682.24</td>
<td>13299.78</td>
<td>12737.55</td>
<td>14846.92</td>
<td>562.23</td>
</tr>
<tr>
<td>2012-13</td>
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Chapter-8

Ordinance & Ammendments/Ratifications:

(1) Tagore Memorial Institute have been constituted, consisting of the Uttarayana Complex, the Ashrama and Rabindra-Bhavana along with the Indira Gandhi Centre for National Integration [with a new direction by its transformation into Indira Gandhi Centre for Visiting Scholars (IGCVS) for international understanding and national integration] under the administration by a panel headed by the Director of the Tagore Memorial Institute.

(2) Music Board of Visva-Bharati (ii) Kalanukramik Rabindra Rabhanabali Prakash.

(3) Rejuvenation of Granthana-Vibhaga Management Committee.

(4) Turning of Indira Gandhi Centre for National Integration to an Institution of International Understanding and National Integration of the University.

(5) Amendment of rules relating to re-evaluation of answer-scripts of the University;

(6) Ratification of the action taken by the Vice-Chancellor with regard to co-option of Professor-in-Charge, Examination Section as invitee on the Institute Boards of the Bhavanas/Vibhaga of the University.

(7) Accepted in principle regarding proposal of Ramji Pandey, Under Secretary to the Govt. of India, MHRD, Department of Higher Education, New Delhi (F.No.20-28/ 2012/Desk U dated 27-04-2012) for Educational Education Programme between India and Mozambique on cooperation in the field of Education.

(8) Introduction of M.Phil. Course at Sangit-Bhavana.

(9) Re-introduction of 2-Year Certificate Course in Rabindra-Sangit in the Granthan Vibhaga, Kolkata.

(10) Awarding Emeritus Professorship of Visva-Bharati to Prof. Samir Bhattacharya.

(11) Approval of the reporting of the decision of the Upacharya regarding retention of "minimum of 55% marks" as proposed at Clause 1(i) of D.Litt./D.Sc. Ordinance of the University.

(12) Amendment of Pre-Degree Examination Ordinance relating to re-distribution of marks in Pre-degree Examination of the University.

(13) Amendment of Ordinance for the courses of Kala-Bhavana.

(14) MOU between Visva-Bharati and Rabindranath Tagore Institute, Mauritius.

(15) Change in ordinance of M.Sc.(Ag.) courses.

(16) Modification of syllabus of Integrated Science Course.

(17) Modifications of the syllabus of Computer Science in the Pre-Degree course of Patha-Bhavana and Siksha-Satra.

(18) Ordinances and syllabi of the courses of Kala-Bhavana.

(19) Change in nomenclature of the Department of Adult, Continuing Education and Extension (REC) to "Department of Lifelong Learning and Extension".

(20) Re-structuring of the allied courses of Botany.

(21) Re-structuring of the allied courses of Environmental Studies.

(22) Creation of two seats under supernumerary quota in Visva-Bharati for the students from the state of Jammu & Kashmir.

(23) Memorandum of Understanding between Institute of Korean Literature Studies, Dongguk University and Indira Gandhi Centre, Visva-Bharati.

(24) Modification of ordinances in respect of paper setting including moderation in the Under Graduate and Post Graduate Courses of the University under semester system.


(26) Appointment of Professor Kalyan Kumar Bagchi as Emeritus Professor in the Department of Philosophy & Comparative Religion.


(28) Revised list of Holidays of the University from the Academic Session 2012-2013 (effective from 1st July, 2012 to 30th June, 2013)
## NEW APPOINTMENTS

<table>
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<tr>
<th>Sl.No.</th>
<th>Date of joining</th>
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<th>Position</th>
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<td>1.</td>
<td>01.07.2012</td>
<td>Sri Sukumar Das</td>
<td>Professional Asst., Central Library</td>
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<td>01.07.2012</td>
<td>Sri Dilip Kr. Sutradhar</td>
<td>Head Mistry, Silpa-Sadana</td>
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<td>3.</td>
<td>02.07.2012</td>
<td>Smt. Maitri Barman</td>
<td>Supervisor, Leather Craft, Silpa-Sadana</td>
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<td>03.07.2012</td>
<td>Sri Swarpendu Biswas</td>
<td>Computer Asst.</td>
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<td>5.</td>
<td>03.07.2012</td>
<td>Smt. Manasi Santra</td>
<td>Semi-Professional Asst., Central Library</td>
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<td>03.07.2012</td>
<td>Smt. Gita Singha</td>
<td>Matron, University Hostel</td>
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<td>7.</td>
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<td>Sri Sandip Baul</td>
<td>Technical Asst., Kala-Bhavana</td>
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<td>8.</td>
<td>09.07.2012</td>
<td>Sri Suman Sarkar</td>
<td>Semi-Professional Asst., Sangit-Bhavana</td>
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<td>17.08.2012</td>
<td>Sri Sujit Kujor</td>
<td>Asst. Librarian, Central Library</td>
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<td>10.</td>
<td>18.08.2012</td>
<td>Sri Birendra Kumar</td>
<td>Hindi Typist, Hindi Cell</td>
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<td>11.</td>
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<td>Sri Raj Mallick</td>
<td>Asst. Registrar, Visva-Bharati</td>
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<td>Ahmed Hussain</td>
<td>Driver, Granthana-Vibhaga</td>
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<td>13.</td>
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<td>Dr. Narayan Ch. Sarkar</td>
<td>Asst. Professor, PSB</td>
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<td>14.</td>
<td>11.01.2013</td>
<td>Sri Satish Kr. Verma</td>
<td>Asst. Professor, Botany</td>
</tr>
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<td>15.</td>
<td>12.01.2013</td>
<td>Dr. Gireesh. A</td>
<td>Asst. Professor, Integrated Science</td>
</tr>
<tr>
<td>16.</td>
<td>03.09.2012</td>
<td>Sri. Rajesh Kumar Shaw</td>
<td>Hindi Translator</td>
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<td>17.</td>
<td>27.07.2012</td>
<td>Smt. Gita Mahato</td>
<td>Nurse</td>
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<td>18.</td>
<td>06.08.2012</td>
<td>Sri. Avijit Polen</td>
<td>Pharmacist</td>
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## Appendix- B

**BHAVANA/VIBHAGA (INSTITUTES) OF VISVA-BHARATI & NAME OF THE ADHYAKSHAS (PRINCIPAL)**

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<thead>
<tr>
<th>Name of Bhavanas/Vibhagas</th>
<th>(Head of the Institutes)</th>
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<tbody>
<tr>
<td>Vidya Bhavana</td>
<td>Prof. Onkar Prasad</td>
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<tr>
<td>Bhasa Bhavana</td>
<td>Prof. Rameshwar Prasad Mishra</td>
</tr>
<tr>
<td>Siksha Bhavana</td>
<td>Prof. Arun Kumar Ray</td>
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<tr>
<td>Rabindra Bhavana</td>
<td>Prof. Tapati Mukherjee</td>
</tr>
<tr>
<td>Kala Bhavana</td>
<td>Prof. Sisir Sahana</td>
</tr>
<tr>
<td>Sangeet Bhavana</td>
<td>Prof. Indrani Mukhopadhyay</td>
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<tr>
<td>Vinaya Bhavana</td>
<td>Prof. Sabujkoli Sen</td>
</tr>
<tr>
<td>Palli Samgathana Vibhaga</td>
<td>Prof. Amit Hazra</td>
</tr>
<tr>
<td>Palli Siksha Bhavana</td>
<td>Prof. Partha Sarathi Muni</td>
</tr>
<tr>
<td>Granthana Vibhag</td>
<td>Dr. Ramkumar Mukhopadhyay</td>
</tr>
<tr>
<td>Patha Bhavana</td>
<td>Smt. Bodhirupa Sinha</td>
</tr>
<tr>
<td>Siksha Satra</td>
<td>Dr. Jayanta Kumar Bhattacharya</td>
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</table>
Appendix- C

Functionaries of the University

Paridarsaka (Visitor) : Sri Pranab Mukherjee, The Honorable President of India
Acharya (Chancellor) : Dr. Manmohan Singh, The Honorable Prime Minister India
Pradhana (Rector) : Sri M.K. Narayanan, The Honorable Governor of West Bengal
Upacharya (Vice-Chancellor) : Prof. Sushanta Dattagupta
Director of Studies, Educational Innovation & Rural Reconstruction : Prof Sabujkoli Sen
Director, Culture & Cultural Relations : Prof. Tapati Mukherjee
Director, Physical Edu., Sports, National Services & Student Welfare : Dr. (Col) Mani Mukut Mitra
Director, Indira Gandhi Centre : Prof. Aruna Mukhopadhyay
Director, Granthana-Vibhaga : Dr. Ramkumar Mukhopadhyay
Finance Officer : Sri Atul Prakash Trivedi
Proctor : Prof. Samit Roy
Registrar : Dr. D. Gunasekaran
Controller of Examination : Prof. Sandip Basu Sarbadhikary
Deputy Registrar : Sri Ajit Mondol
Deputy Registrar (Administration) : Dr. Sanjay Ghosh
Deputy Registrar (SC/ST Cell, Incharge of Academic & Res.) : Dr. Prashanta Meshram
Deputy Registrar : Dr. Debasis Chakraborty
Deputy Registrar : Sri Debasis Dutta
Deputy Registrar : Sri Soumendra Sen
Deputy Registrar : Sri Rajat Roy
Deputy Registrar : Sri Gouranga Dutta
Deputy Registrar & In-charge Estate : Sri Ashok Kumar Mahato
Deputy Registrar : Dr. Prajnalankar Bhikshu
Assistant Registrar (Academic & Res) : Dr. Satyanarayan Bhattacharya
Assistant Registrar (Examination) : Sri Prasanta Kumar Ghosh
Assistant Registrar-cum-C.S.to V.C : Smt. Shyamala Roy
Assistant Registrar : Sri Tanmay Nag
Assistant Registrar : Sri Raj Mallick
Assistant Registrar : Sri Daibakinandan Das
Assistant Registrar : Sri Moloy Sutradhar
Assistant Registrar : Sri Rajiv Khalkho
Manager, Santiniketan Press : Sri Abhijit Sengupta
Accounts Officer : Sri Saugata Chattopadhyay
Assistant Accounts Officer, Sriniketan : Sri Chittaranjan Saha
Assistant Accounts Officer, Santiniketan : Sri Biswajit Das
Prof. In-charge, Central Library : Prof. Monoranjan Pradhan
Deputy Librarian : Dr. Nimai Chand Saha
Computer Centre In-charge : Dr. S.N. Ojha
University Engineer : Sri Amit Sengupta
Chief Medical Officer : Dr. Sasanka Sekhar Debnath
HEAD OF THE DEPARTMENT

Department of Bengali
Department of English and Other Modern European Language
Department of Hindi
Department of Sanskrit, Pali and Prakrit
Department of Odia
Department of Arabic, Persian, Urdu and Islamic Studies
Department of Indo-Tibetan Studies
Department of Japanese Studies
Department of Chinese Language and Culture
Department of Economics and Politics
Department of History
Department of Ancient Indian History, Culture & Archaeology
Department of Geography
Department of Philosophy and Comparative Religion
Department of Anthropology
Department of Physics
Department of Chemistry
Department of Mathematics
Department of Zoology
Department of Botany
Department of Statistics
Department of Computer and System Science
Centre for Mathematics Education
Dept. of Bio-technology
Dept. of Integrated Science Education & Research Centre
Dept. of Environmental Studies
Department of Sculpture
Department of Graphic Art
Department of Painting
Department of Design
Department of History of Art
Department of Hindustani Classical Music
Deptt. of Rabindra Music, Dance & Drama
Department of Education
Department of Physical Education
Department of Silpa Sadana
Palli Charcha Kendra
(Centre for Social Studies & Rural Development)

Prof. Sudip Basu
Dr. Somdatta Mondal
Prof. Chakradhar Tripathi
Dr. Lalita Chakraborty
Prof. Sabita Pradhan
Dr. Wasif Ahmed
Dr. Sanjib Kumar Das
Dr. Gita A. Keeni
Dr. Avijit Banejee
Prof. Mamata Roy
Prof. Bhaskarjyoti Basu
Dr. Bikash Mukherjee
Prof. Guruprasad Chattopadhyay
Dr. Sirajul Islam
Prof. Onkar Prasad
Prof. Taraprasad Chattopadhyay
Prof. Bhabatosh Mondal
Prof. Swapan Raha
Prof. Santi Prasad Sinhababu
Prof. Nirmalya Banerjee
Prof. Kashinath Chatterjee
Prof. Balaram Bhattacharya
Prof. Symal Kumar Samanta
Prof. Sibaprasad Adhikari
Dr. Susanta Ghosh
Prof. Shibani Chaudhury
Shri Sutanu Chatterjee
Shri Arpan Mukherjee
Dr. Arkapriya Majumdar
Sri Goutam Das
Dr. Sanjay Kumar Malik
Smt. Kabiri Kar (Basu)
Prof. Dr. Indrani Mukhopadhyay
Dr. Kahnu Charan Sahoo
Dr. Ashok Kumar Goon
Shri Shantanu Kumar Jena

Dr. Santanu Rakshit
Appendix- D

Rural Extension Centre (REC)  Dr. Rafiqul Islam
Department of Social Work  Prof. A.K. Sarkar
Department of Agronomy, Soil Science and  Prof. S.K. Pyne
Agricultural Chemistry, Agriculture
Engineering, Plant Physiology and Animal
Science (ASEPAN)

Department of Crop Improvement,
Horticulture & Agricultural Botany(CIHAB)  Dr. Amitabha Paul
Department of Agricultural Extension,
Agricultural Economics & Agricultural
Statistics (EES)

Department of Plant Protection (PP)  Prof. Debasis Bhattacharya
Centre for Journalism & Mass Communication  Dr. Hirak Chatterjee
Centre for Buddhist Studies  Dr. Mousumi Bhattacharya
Womens Studies Centre  Dr. Sanjib Kr. Das
Prof Manju Rani Singh
## ACADEMIC STAFF

### Bhasha-Bhavana

#### Bengali

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td><strong>Professor</strong></td>
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</tr>
<tr>
<td>Mrs. Alpana Roy</td>
<td>M.A., B.Mus, Ph.D</td>
<td>Tagore Literature, Interdisciplinary Study of Literature and Other Art</td>
</tr>
<tr>
<td>Mrs. Alibha Dakshi</td>
<td>M.A., Ph.D</td>
<td>Linguistics</td>
</tr>
<tr>
<td>Mrinal Kanti Mandal</td>
<td>M.A., Ph.D</td>
<td>Modern Bengali Fiction</td>
</tr>
<tr>
<td>Sudip Basu</td>
<td>M.A., Ph.D</td>
<td>Bengali Literary Criticism, Sarat Chandar, 20th Century</td>
</tr>
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<td></td>
<td>Bengali Literature &amp; Culture</td>
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<tr>
<td><strong>Associate Professor</strong></td>
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<tr>
<td>Miss. Sumita Bhattacharya</td>
<td>M.A., Ph.D</td>
<td>Bankimchandra, Modern</td>
</tr>
<tr>
<td>Nirmal Kumar Mandal</td>
<td>M.A., Ph.D</td>
<td>Bengali Literature</td>
</tr>
<tr>
<td>Mrs. Aparna Roy (Bhattacharya)</td>
<td>M.A., Ph.D</td>
<td>Old and Medieval Literature</td>
</tr>
<tr>
<td>Abhra Bose</td>
<td>M.A. Ph.D</td>
<td>Tagore Literature, Linguistics</td>
</tr>
<tr>
<td>Manabendranath Saha</td>
<td>M.A., M.Phil,Ph.D</td>
<td>Modern Bengali Poetry, Film Studies</td>
</tr>
<tr>
<td>Rita Modak</td>
<td>M.A., Ph.D</td>
<td>Bengali Fiction, Women’s studies</td>
</tr>
<tr>
<td>Atanu Sasmal</td>
<td>M.A., Ph.D</td>
<td>Modern Bengali Fiction, Medieval Lit.</td>
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<tr>
<td>Milan Kanti Biswas</td>
<td>M.A., B.Ed.Ph.D</td>
<td>Folk Literature &amp; Philosophy</td>
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<td>Manabendra Mukhopadhyay</td>
<td>M.A., Ph.D</td>
<td>Modern Bengali Literature &amp; Criticism, Tagore Literature</td>
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<tr>
<td>Biswajit Ray</td>
<td>M.A., Ph.D</td>
<td>Linguistics Nineteenth Century</td>
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<tr>
<td>Payel Mukherjee</td>
<td>M.A</td>
<td>Semiotics &amp; Dramatology</td>
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<tr>
<td>Shreeela Basu</td>
<td>M.A., Ph.D</td>
<td>Tagore Literature</td>
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<td><strong>English and Other Modern European Languages</strong></td>
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<tr>
<td>Abhijit Sen</td>
<td>M.A., Ph.D</td>
<td>Renaissance Studies, Theatre Studies, Tagore</td>
</tr>
<tr>
<td>Mrs. Sukla Basu (Sen)</td>
<td>M.A., Ph.D</td>
<td>Renaissance Studies, African American Literature</td>
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<td></td>
<td>Indian Writing in English, 19th C American &amp; British lit.; Tagore</td>
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<tr>
<td>Goutam Ghoshal</td>
<td>M.A., Ph.D., D.Lit.</td>
<td></td>
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<tr>
<td>Somdatta Mondal</td>
<td>M.A., M.Phil., Ph.D</td>
<td>American/Post colonial Literature,</td>
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<td><strong>Associate Professor</strong></td>
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<tr>
<td>Debarati Bandopadhyay</td>
<td>M.A., Ph.D</td>
<td>19th C. New Literatures in English</td>
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<tr>
<td>Aruna Mukherjee</td>
<td>M.A, Ph.D</td>
<td>Russian Literature</td>
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## Appendix- E

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Nilanjan Chakraborti</td>
<td>M.A., Ph.D.</td>
<td>Enlightenment Travel Literature</td>
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<tr>
<td>Tanuka Das</td>
<td>M.A. Ph.D.</td>
<td>20th C. Poetry, Ind. Writing in Eng.</td>
</tr>
<tr>
<td>Indrani Das</td>
<td>M.A., Laurea, Ph.D.</td>
<td>Medieval History and Italian Studies, Translation Studies.</td>
</tr>
<tr>
<td>Amrit Sen</td>
<td>M.A., M.Phil., Ph.D.</td>
<td>Eighteenth Century Studies, Post Colonial Studies, Travel Writing : Tagore</td>
</tr>
<tr>
<td>Swati Ganguly</td>
<td>M.A., Ph.D.</td>
<td>Renaissance Studies, Theatre studies, Gender Studies, Translation &amp; Tagore.</td>
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<td><strong>Sr.Asst. Professor</strong></td>
<td></td>
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<tr>
<td>Romit Roy</td>
<td>M.A., M.Phil.</td>
<td>German Literature, Culture and Music Theodore Adorno.</td>
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<tr>
<td>Sudev Pratim Basu</td>
<td>M.A. Ph.D</td>
<td>Nineteenth Century Studies, Postcolonial Studies, Popular Fic.</td>
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<tr>
<td>Dipankar Roy</td>
<td>M.A., M.Phil.</td>
<td>Postcolonial Literature and Theory</td>
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<td>Ananya Duttagupta</td>
<td>M.A., M.Phil.</td>
<td>Renaissance Studies</td>
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<td>Eleonara Caturegli Biswas</td>
<td>M.A., Laurea Ph.D.</td>
<td>Italian Studies, Theatre translation studies</td>
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<td>Topu Biswas</td>
<td>M.A. M.Phil. Ph.D</td>
<td>20th C Lit; American Lit; Indian Lit in English</td>
</tr>
<tr>
<td>Nilanjana Bhattacharya</td>
<td>M.A, Ph.D</td>
<td>Comparative Lit; Indian Lit; Afro-American Lit; Latin American Lit</td>
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<tr>
<td>Soma Mukherjee</td>
<td>M.A. M.Phil. Ph.D</td>
<td>Comparative Lit.; Bhasha Lit. Postcolonialism; Feminism</td>
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## Arabic, Persian, Urdu and Islamic Studies

### Professor
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Niaz Ahmed Khan</td>
<td>M.A., Ph.D.</td>
<td>Modern Persian Language, Literature &amp; Translation</td>
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### Associate Professor
<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Wasif Ahmad</td>
<td>M.A., Ph.D.</td>
<td>Persian Short Stories</td>
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### Asst. Professor
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Md. Faique</td>
<td>M.A., Ph.D.</td>
<td>Modern Persian Drama</td>
</tr>
<tr>
<td>Aurangzeb Azmi</td>
<td>M.A., Ph.D.</td>
<td>Arabic Language &amp; Literature</td>
</tr>
<tr>
<td>Md. Atiquur Rahman</td>
<td>Ph.D</td>
<td>Modern Persian Language, Literature &amp; Translation</td>
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# Appendix- E

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<tr>
<td><strong>Professor</strong></td>
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<tr>
<td>Arttatrana Nayek</td>
<td>M.A., Ph.D.</td>
<td>Contemporary Chinese Politics</td>
</tr>
<tr>
<td>Jayeeta Ganguly</td>
<td>M.A., Ph.D.</td>
<td>Chinese Buddhism</td>
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<tr>
<td><strong>Associate Professor</strong></td>
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<tr>
<td>Avijit Banerjee</td>
<td>M.A., Ph.D.</td>
<td>Chinese Language, Chinese Politics</td>
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<tr>
<td><strong>Asst. Professor (Gr.II)</strong></td>
<td></td>
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</tr>
<tr>
<td>Smt. Tandrima Pattrea</td>
<td>M.A</td>
<td>Chinese Language &amp; Literature</td>
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<tr>
<td>Smt. Hem Kusum</td>
<td>M.A., M.Phil.</td>
<td>Modern Standard Chinese language</td>
</tr>
<tr>
<td>Chiranjib Sinha</td>
<td>M.A</td>
<td>Chinese Language</td>
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<tr>
<td><strong>Asst. Prof.</strong></td>
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<tr>
<td>Debdas Kumdu</td>
<td>M.A</td>
<td>Chinese Language Lit. &amp; History</td>
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<td>Sri Atreya Bhattacharya</td>
<td>M.A</td>
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## Appendix- E

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**Vidya-Bhavana**

### Ancient Indian History, Culture & Archaeology

**Professor**

- Subbiah Ganapathy           | M.A., Ph.D. | Early Indian Art History & Early South Indian History |
- Subrata Chakrabarti        | M.A., Ph.D. | Pre-and-Proto History |
- Arun Kumar Nag             | M.A., Ph.D. | Proto-History          |
- Ananda Chandra Sahoo       | M.A., Ph.D. | Religion & Early Indian Art History |

**Associate Professor**

- Bikash Mukherjee           | M.A., Ph.D. | Religion |
- Smt. Sina Panja            | M.A., Ph.D. | Historical Archaeology |
- Sarita Khettry             | M.A., Ph.D. | Epigraphy and Numismatist |

**Asst. Professor**

- Anil Kumar                 | M.A., Ph.D. | Social and Economic History |
- Smt. Bina Gandhi(Deori)    | M.A., Ph.D. | Etheno Archaeology          |
- K. Mavali Rajan            | M.A., M.Phil, Ph.D. | Social and Economic History |

**Economics and Politics**

**Professor**

- Sarbajit Sengupta         | M.A., Ph.D. | Industrial Economics, Micro Eco. |
### Appendix- E

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<tr>
<td><strong>Education Unit</strong></td>
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<tr>
<td>Tarak Nath Pan</td>
<td>M.Ed., Ph.D.</td>
<td>Psychology of Teaching</td>
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<td><strong>Centre for Journalism</strong></td>
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<tr>
<td><strong>Professor</strong></td>
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<td><strong>Associate Professor</strong></td>
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<tr>
<td>Biplab Loha Chowdhury</td>
<td>M.A., Ph.D.</td>
<td>Media Management Research &amp; Rural Communication</td>
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<tr>
<td>Mrs. Mousumi Bhattacharya</td>
<td>M.A., Ph.D.</td>
<td>Audience Research, Audiovisual Media. (Radio, TV and Film,) New Media.</td>
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<tr>
<td><strong>Asst. Professor</strong></td>
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<tr>
<td>Sanhita Chatterjee</td>
<td>M.A.</td>
<td>Audio-Visual Production</td>
</tr>
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</table>
## Appendix- E

### Name | Qualification | Specialization
--- | --- | ---

**Anthropology**

**Professor**
- Manas Ray  
  M.Sc., M.Phil, Ph.D  
  D.Lit.  
  Enthnography of Communication/ Rural Communication  
- Onkar Prasad  
  M.Sc., Ph.D.  
  M.Phil  
  Social/Cultural Anthropology

**Sr. Asst. Professor**
- Arnab Ghosh  
  M.Sc., Ph.D.  
  Physical

**Asst. Professor**
- Jyotiratan Ghosh  
  M.Sc., Ph.D.  
  Physical
- Rangya Gachui  
  M.A., Ph.D.  
  Social-Cultural

**Siksha-Bhavana**

**Biotechnology**

**Professor**
- Siba Prasad Adhikary  
  Ph.D, D.Sc.  
  Microbiology, Bioentrepreneurship

**Associate Professor**
- Amit Roy  
  M.Sc., Ph.D.  
  Molecular Biology, Genetic Engineering

**Asst. Professor**
- Nilanjana Das  
  M.Sc., Ph.D.  
  Biochemistry, Bioethics, IPR
- Narottam Dey  
  M.Sc., Ph.D.  
  Biotechnology
- Jolly Basak  
  M.Sc, Ph.D  
  Biochemistry, Genomics & Proteomics
- Samiran Saha  
  M.Sc, Ph.D  
  Immunology, Animal Biotech

**Botany**

**Professor**
- Sudhendu Mandal  
  M.Sc., Ph.D.  
  Plant Taxonomy & Aerobiology
- Sukanta Kr. Sen  
  M.Sc., Ph.D.  
  Microbiology
- Samit Ray  
  M.Sc., Ph.D.  
  Phycology
- Kashinath Bhattacharya  
  M.Sc., Ph.D.  
  Palynology & Environmental Biology
- Nirmalya Banerjee  
  M.Sc., Ph.D.  
  Cytogenetics
- Rup Kumar Kar  
  M.Sc., Ph.D.  
  Plant Physiology & Biochemistry
- Narayan Chandra Mandal  
  M.Sc., Ph.D.  
  Mycology & Plant Pathology

**Associate Professor**
- Subrata Mondal  
  M.Sc., Ph.D.  
  Plant Taxonomy
- Swadesh Ranjan Biswas  
  M.Sc., Ph.D.  
  Molecular Biology

**Asst. Professor**
- Chowdhury Habibur Rahaman  
  M.Sc., Ph.D.  
  Pharmacognosy
- Soma Chnnari  
  M.Sc., Ph.D.  
  Pteridology
### Appendix-E

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Sri Bomba Dam</td>
<td>M.Sc., Ph.D.</td>
<td>Microbiology</td>
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<tr>
<td>Jnanendra Rath</td>
<td>M.Sc., Ph.D.</td>
<td>Phycology</td>
</tr>
<tr>
<td>Adani Lokho</td>
<td>M.Sc., Ph.D.</td>
<td>Angiosperm, Taxonomy</td>
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<tr>
<td>Hema Gupta (Joshi)</td>
<td>M.Sc., Ph.D.</td>
<td>Plant Ecology</td>
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<tr>
<td>Surendra Kr. Gond</td>
<td>M.Sc., Ph.D.</td>
<td>Mycology &amp; Plant Pathology</td>
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<tr>
<td>Satish Kr. Verma</td>
<td>M.Sc</td>
<td>Biochemistry</td>
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### Name

**Chemistry**

**Professor**

- Uday Sankar Roy: M.Sc., Ph.D. Inorganic Chemistry
- Indranarayan Basumallick: M.Sc., Ph.D. Physical Chemistry
- Asim Kumar Das: M.Sc., Ph.D., D.Sc. Inorganic Chemistry

**Associate Professor**

- Swapan Kumar Chandra: M.Sc., Ph.D. Inorganic Chemistry
- Bhabatosh Mondal: M.Sc., Ph.D. Inorganic Chemistry
- Pranesh Chowdhury: M.Sc., Ph.D. Inorganic Chemistry
- Goutam Brahmachari: M.Sc., Ph.D. Organic Chemistry
- Gourab Kanti Das: M.Sc., Ph.D. Organic Chemistry
- Pranab Sarkar: M.Sc., Ph.D. Physical Chemistry

**Asst. Professor**

- Bijoy Krishna Dolui: M.Sc., Ph.D. Inorganic Chemistry
- Adinath Majee: M.Sc., Ph.D. Organic Chemistry
- B.C. Bag: M.Sc., Ph.D. Physical Chemistry
- D. Mondal: M.Sc., Ph.D. Physical Chemistry
- Nazmin Ara Begum: M.Sc., Ph.D. Organic Chemistry
- Manas Ghosh: M.Sc., Ph.D. Physical Chemistry
- Alakananda Hajra: M.Sc., Ph.D. Organic Chemistry
- Smt. Bula Singh: M.Sc. Physical Chemistry
- Md. Motin Seikh: M.Sc., Ph.D. Inorganic Chemistry
- K. Bhousnik: M.Sc., Ph.D. Organic Chemistry
- Sri Biswajit Dey: M.Sc. Inorganic Chemistry

**Environmental Studies**

**Professor**

- Smt. Shibani Chaudhury: M.Sc., Ph.D. Env. Biology & Toxicology

**Associate Professor**

- Pratap Kumar Padhy: M.Sc., M.Phil., Ph.D. Env. Sciences

**Asst. Professor (III)**

- Pulak Kumar Patra: M.Sc., Ph.D. Earth Sciences

**Asst. Professor (II)**

- S. Balachandran: M.Sc., M.Phil., Ph.D. Env. Sciences
- Shweta Yadav: M.Sc., Ph.D. Env. Chemistry
## Mathematics

### Professor

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<th>Name</th>
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<tr>
<td>Syamal Kumar Samanta</td>
<td>M.Sc., Ph.D.</td>
<td>Functional Analysis &amp; Fuzzy Topology</td>
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<tr>
<td>Puspaajit Mandal</td>
<td>M.Sc., Ph.D.</td>
<td>Quantum Mechanics, Atomic &amp; Molecular Physics &amp; Collision Theory</td>
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<tr>
<td>Dulal Pal</td>
<td>M.Sc., M.Phil, Ph.D.</td>
<td>Fluid Mechanics, Atmospheric Science</td>
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<tr>
<td>Santabrat Chakravarty</td>
<td>M.Sc., Ph.D.</td>
<td>Biomathematics</td>
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### Associate Professor

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<tbody>
<tr>
<td>Prasanta Chatterjee</td>
<td>M.Sc., Ph.D.</td>
<td>Plasma Dynamics, Nonlinear mechanics</td>
</tr>
<tr>
<td>Prasanta Kumar Mondal</td>
<td>M.Sc., Ph.D.</td>
<td>Dynamical Sys., Wavelet Numerical Analysis, Theory of Diff. Equation</td>
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<tr>
<td>Madan Mohan Panja</td>
<td>M.Sc., Ph.D.</td>
<td>Fluid Dynamics</td>
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<tr>
<td>Tapas Roy Mahapatra</td>
<td>M.Sc., Ph.D.</td>
<td>Complex Analysis</td>
</tr>
<tr>
<td>Dibyendu Banerjee</td>
<td>M.Sc., Ph.D.</td>
<td>Fuzzy Functional Analysis/Functional Analysis</td>
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### Asst. Professor

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<tr>
<td>Subhasis Roy</td>
<td>M.Sc., Ph.D.</td>
<td>Real Analysis</td>
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<tr>
<td>A.K. Bhuniya</td>
<td>M.Sc. Ph.D</td>
<td>Algebra (Theory of Semigroups)</td>
</tr>
<tr>
<td>Kalyan Hansda</td>
<td>M.Sc.</td>
<td>Algebra</td>
</tr>
<tr>
<td>Lakshminarayan Guin</td>
<td>M.Sc.</td>
<td>Biomathematics</td>
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<tr>
<td>Nikhil Paul</td>
<td>M.Sc.</td>
<td>Comp-Science, Modelling in Ecology</td>
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<tr>
<td>Mizanar Rahaman</td>
<td>M.Sc.</td>
<td>Functional Analysis</td>
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## Physics

### Professor

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<tr>
<td>Sudipta Narayan Roy</td>
<td>M.Sc., Ph. D.</td>
<td>Nuclear Physics</td>
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<tr>
<td>Samar Kumar Roy</td>
<td>M.Sc., Ph. D.</td>
<td>Cond. Matt. Physics</td>
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<tr>
<td>Subrata Chakrabarty</td>
<td>M.Sc., Ph. D.</td>
<td>Particle Physics</td>
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<tr>
<td>Taraprasad Chattopadhyay</td>
<td>M.Sc., Ph. D.</td>
<td>Electronics</td>
</tr>
<tr>
<td>Somenath Chakravorty</td>
<td>M.Sc., Ph.D.</td>
<td>Astrophysics &amp; Cosmology</td>
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### Associate Professor

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<tbody>
<tr>
<td>M. Maity</td>
<td>M.Sc., Ph. D.</td>
<td>Particle Physics</td>
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<tr>
<td>A. Bhattacharya</td>
<td>M.Sc., Ph.D.</td>
<td>Cond. Matt. Physics</td>
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<tr>
<td>T.K. Kundu</td>
<td>M.Sc., Ph.D.</td>
<td>Electronics</td>
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<tr>
<td>Pijush Kanti Ghosh</td>
<td>M.Sc., Ph.D.</td>
<td>Particle Physics</td>
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<tr>
<td>Swapan Mandal</td>
<td>M.Sc., Ph. D.</td>
<td>Quantum Optics</td>
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<tr>
<td>Shreekanta Sil</td>
<td>M.Sc., Ph. D.</td>
<td>Cond. Matt. Physics</td>
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<tr>
<td>Mrs. Asmita Sengupta</td>
<td>M.Sc., Ph. D.</td>
<td>Cond. Matt. Physics</td>
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### Asst. Professor

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<tr>
<td>Ms. Aparna. Saha</td>
<td>M.Sc, Ph. D.</td>
<td>Atomic Physics</td>
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### Appendix- E

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<tr>
<td>Buddhadev Mukherjee</td>
<td>M.Sc., Ph.D.</td>
<td>Nuclear Physics</td>
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<tr>
<td>Aditya Sow Mondal</td>
<td>M.Sc., JRF</td>
<td>Astro Physics &amp; Cosmology, Q.F.T</td>
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<tr>
<td>Biswajit Pandey</td>
<td>M.Sc., Ph.D.</td>
<td>Astro Physics &amp; Cosmology</td>
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<tr>
<td>Amrita Bandopadhyay</td>
<td>M.Sc., Net</td>
<td>Atomic &amp; Nuclear Spectroscopy, Laser</td>
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<tr>
<td>Biplab Roychoudhury</td>
<td>M.Sc., Ph.D.</td>
<td>Relativity, Cosmology</td>
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<tr>
<td>Sudipta Das</td>
<td>M.Sc., Ph.D.</td>
<td>Astro Physics &amp; Cosmology</td>
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<tr>
<td>Subhash Chandra Tudu</td>
<td>M.Sc.</td>
<td>X-ray Crystallography</td>
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<tr>
<td>Subhasish Roy</td>
<td>M.Sc.</td>
<td>Radio Physics &amp; Electronics</td>
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<tr>
<td>R.K. Singha</td>
<td>M.Sc. Ph.D</td>
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<tr>
<td><strong>Statistics</strong></td>
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<tr>
<td>Kashinath Chatterjee</td>
<td>M.Stat., Ph.D.</td>
<td>Design of Experiments</td>
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<tr>
<td>Sudhansu S. Maiti</td>
<td>M.Sc., Ph.D.</td>
<td>Reliability Analysis</td>
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<tr>
<td>Soumalya Mukhopadhyay</td>
<td>M.Sc</td>
<td>Biostatistics</td>
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<tr>
<td>Ms. Saran Ishika Maity</td>
<td>M.Sc</td>
<td>Multivariate and Time Series Analysis</td>
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<td>Tirthankar Ghosh</td>
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<tr>
<td>Arun Kumar Ray</td>
<td>M.Sc. Ph.D.</td>
<td>Fish Biology and Fisheries</td>
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<td>Panchanan Nath</td>
<td>M.Sc., Ph.D.</td>
<td>Reproductive Physiology of fish and Fish Endocrinology</td>
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<td>Vadakepuram Chacko Joy</td>
<td>M.Sc., Ph.D.</td>
<td>Soil Ecology and Ecotoxicology</td>
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<td>Soumen Kumar Maitra</td>
<td>M.Sc., Ph.D.</td>
<td>Environmental Endocrinology</td>
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<td>Santi Prasad Sinhababu</td>
<td>M.Sc., Ph.D.</td>
<td>Parasitology,Nematology and Neurobiology</td>
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<td>Santanu Roy</td>
<td>M.Sc., Ph.D.</td>
<td>Ecological Modeling</td>
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<tr>
<td>Dipak Kumar Mandal</td>
<td>M.Sc., Ph.D.</td>
<td>Fisheries and Fish Biology</td>
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<tr>
<td>Samar Kumar Saha</td>
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<td>Fish Biology</td>
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<tr>
<td>Ansuman Chattopadhyay</td>
<td>M.Sc., M.Phil., Ph.D.</td>
<td>Radiation Genetics</td>
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<tr>
<td>Larisha M. Lynden</td>
<td>M.Sc., Ph.D.</td>
<td>Parasitology</td>
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<tr>
<td>Sudipta Maitra</td>
<td>M.Sc., Ph.D.</td>
<td>Fish Physiology</td>
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<tr>
<td>Surya Kumar Saikia</td>
<td>M.Sc, Ph.D.</td>
<td>Aquaculture</td>
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<tr>
<td>Rakesh Kundu</td>
<td>M.Sc., Ph.D.</td>
<td>Toxicology</td>
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<tr>
<td>Sutapa Mukherjee</td>
<td>M.Sc., M.Phil., Ph.D.</td>
<td>Biochemistry &amp; Molecular Endocrinology</td>
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<tr>
<td><strong>Computer and System Science</strong></td>
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<tr>
<td><strong>Professor</strong></td>
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### Appendix- E

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Aloke Kumar Dutta</td>
<td>M.Sc., Ph.D.,</td>
<td>Approximation Algorithms, VLSI Routing Algorithms, Computational Molecular Biology</td>
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<tr>
<td>Utpal Roy</td>
<td>M.Sc., Ph.D.,</td>
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<tr>
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<tr>
<td>Kakali Datta</td>
<td>B.Sc., B.Tech., M.E.</td>
<td>Quantum Cellular Automata</td>
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<tr>
<td>Subhasis Banerjee</td>
<td>M.Sc., M.Tech.</td>
<td>Mobile Communication</td>
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<tr>
<td>Madhusudan Paul</td>
<td>M.Sc., M.Tech.</td>
<td>Computational Systems Biology</td>
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<tr>
<td>Sudip Kr. Naskar</td>
<td>M.E., Ph.D.</td>
<td>Natural Language Processing</td>
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<td><strong>Integrated Science</strong></td>
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<td><strong>Reader</strong></td>
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<tr>
<td>Subrata Sinha</td>
<td>M.Sc. Ph.D.</td>
<td>Spectroscopy</td>
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<tr>
<td>Sushanta Ghosh</td>
<td>M.Sc. Ph.D.</td>
<td>Physical Chemistry</td>
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<tr>
<td>Mahasweta Nandi</td>
<td>M.Sc., Ph.D.</td>
<td>Inorganic Chemistry, Material Science</td>
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<tr>
<td>Umesh Kr. Singh</td>
<td>M.Sc., M.Phil., Ph.D.</td>
<td>Hydrogeology, Water &amp; soil pollution</td>
</tr>
<tr>
<td>Swapan Kumar Pandit</td>
<td>M.Sc., M.Phil., Ph.D.</td>
<td>Computational fluid dynamics</td>
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<tr>
<td>Nilanjan Bandyopadhyay</td>
<td>M.Sc., Ph.D.</td>
<td>Mathematical Physics, High Energy Physics</td>
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<tr>
<td>Girish A.</td>
<td>M.Sc.</td>
<td>Life Science</td>
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<tr>
<td>Sambhau Charan Roy</td>
<td>Ph.D., B.Ed., M.PE</td>
<td>Physical Edn. NIS, Ph.D.</td>
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<td><strong>Associate Professor</strong></td>
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<td>Khanu Charan Sahoo</td>
<td>M.A., M.Phil., Ph.D.</td>
<td>Education</td>
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<tr>
<td>Biplab Kr. Chattopadhyay</td>
<td>M.Sc., Ph.D.</td>
<td>Agriculture</td>
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<td>Partha Pratim Sikdar</td>
<td>M.Fine</td>
<td>Fine Arts, Sculpture</td>
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<tr>
<td>Smt. Trishna Banerjee</td>
<td>M.Mus</td>
<td>Rabindra Sangit, Traditional Bengali Song.</td>
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<td>Sanat Kumar Rath</td>
<td>M.A., M.Ed., Ph.D.</td>
<td>Education, Philosophy</td>
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<tr>
<td>Asheesh Srivastava</td>
<td>M.Sc., M.Ed., Ph.D.</td>
<td>Mathematics</td>
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<td>Chitraklikelihoodi</td>
<td>M.Sc.</td>
<td>Geography</td>
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<tr>
<td>Ms. Sarita</td>
<td>M.A., M.Ed.</td>
<td>Education</td>
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<tr>
<td>Md. Shaheer Siddiquie</td>
<td>M.A., M.Ed.</td>
<td>English/Economics</td>
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**Annual Report 2012-13**
### Name  Qualification  Specialization

#### Physical Education

**Professor**  
Brajanath Kundu  B.Sc., M.P.Ed., Ph.D.  Exercise Physiology &

**Associate Professor**  
Sagarika Bandyopadhyay  B.Sc., M.P.Ed., M.Phil., Ph.D.  Exercise Physiology  
Sumanta Kumar Mondal  M.P.E., M.Phil., Ph.D.  Kinesiology & Biomechanics  
Samiran Mondal  M.Ed. (Physical Education), Ph.D.  Psycho-Physiology Cert. in Hockey, Yoga  
Ashok Kumar Goon  M.P.E., Dip. in Coaching  Exercise Physiology

**Reader**  
Sudarshan Biswas  M.P.E., Ph.D.  Exercise Physiology & Football

**Asst. Professor**  
Ratnesh Singh  M.P.E., M.Phil  Biomechanics & Cricket  
Mahesh Sawata Khetmalis  Diploma in Coaching (Cricket)  Sports Psychology & Gymnastics

#### Sangit Bhavana

**Professor**  
Mohan Singh Khangura  B.Mus  Khyal & Thumri  
Indrani Mukherjee  M.Mus., Ph.D.  Rabindra Sangit  
Ashok Ganguly  M.A., Ph.D.  Rabindra Sangit  
Madhuni Ruj (Ghosh)  M.Mus., Ph.D.  Rabindra Sangit  
Swastika Mukherjee  B.A.  Rabindra Sangit

**Associate Professor**  
Malay Sankar Chatterjee  M.Mus.  Rabindra Sangit  
Prasanta Kumar Ghosh  B.Sc., B.Ed., M.Mus.  Rabindra Sangit  
K. Sunilique Debi  B.A., Dip. in Manipuri  Manipuri Dance  
T.S. Vasuni  Proficiency in Art  Kathakali Dance  
Kaberi Kar  M.A.  Dhrupad  
Basabi Mukherjee  M.Phil.  Khayal & Thumri  
Buddhadev Das  M.Mus.  Esraj  
Swapan Ghosh  Sangeet Ratnakar (M.Mus.) Tabla, Pakhawaj  
Tarak Sengupta  M.A. Dip. in Photography  (Acting/Direction), Photography  
Sabyasachi Sarkhel  M.A., Ph.D.  Sitar  
Samir Kumar Dutta  M.Mus., Ph.D.  Dhrupad  
Nikhilesh Chowdhury  Sitar & Musicology  
Dilip Kumar Karmakar  M.A.  Classical Vocal  
Sunil Kabiraj  B.Com.  Esraj  
Y. Hemanta Kumar  B.A., P.G.D. (Ras)  Manipuri Dance

**Asst. Professor**  
Mohan Kumaran P.  M.A., B.Ed.  Kathakali Dance

Sanghamitra Gupta  P.G. Dip. (Sociology)  Rabindra Sangit  
Dance
### Appendix- E

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualifications</th>
<th>Specialization</th>
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<tbody>
<tr>
<td>Sumit Basu</td>
<td>M.A. Ph.D.</td>
<td>Manipuri Dance</td>
</tr>
<tr>
<td>Basanta Mukherjee</td>
<td>M.Mus.</td>
<td>Kathakali Dance</td>
</tr>
<tr>
<td>Monojit Mallick</td>
<td>M.A.</td>
<td>Classical Vocal (kheyal)</td>
</tr>
<tr>
<td>Nikhil Ranjan Roy</td>
<td>Sangit Prabhakar &amp; Visarad, Gurukul Training</td>
<td>Tabla</td>
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<td>Sandip Ghosh</td>
<td>B.Com., Sangit Prabhakar</td>
<td>Tabla &amp; Pakhawaj</td>
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<tr>
<td>Mousumi Roy</td>
<td>M.A, Ph.D.</td>
<td>Kheyal</td>
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<tr>
<td>Tapas Chatterjee</td>
<td>M.Mus.</td>
<td>Hindusthani Classical Music (Esraj)</td>
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<tr>
<td>Smt. Chaya Rani Manda</td>
<td>M.A.Phil.,</td>
<td>Oriya &amp; Classical Vocal Music (H.C.Y.)</td>
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<td>Ranjit Das</td>
<td>M.Mus.</td>
<td>Classical Music</td>
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<td>Smt. Eshita Chakroborty</td>
<td>M.Mus., M.Phil.</td>
<td>Kathakali Dance</td>
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<tr>
<td>Rajesh Menon N</td>
<td>M.Mus.</td>
<td>Kathakali Dance</td>
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<tr>
<td>Amit Kumar Verma</td>
<td>M.Mus.</td>
<td>Classical Music</td>
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<td>P. Mukunda Kumar</td>
<td>M.Mus.</td>
<td>Kathakali Dance</td>
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<tr>
<td>Smt. Arpita Dutta (Das)</td>
<td>M.Mus.</td>
<td>Rabindra Sangit</td>
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<tr>
<td>Suchindranath Puthan</td>
<td>M.A in Kathakali</td>
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<td>Sri Rajesh K V</td>
<td>Ph.D</td>
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<tr>
<td>Nandita Basu Sarbadhikari</td>
<td>M.MUS</td>
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<td>Manani Mukhopadhyay</td>
<td>M.MUS</td>
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<td>Saptarshi Roy</td>
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<td>Surajit Roy</td>
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<td>Visarad, Gurukul Training</td>
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<td>Sree Rajesh K V</td>
<td>Ph.D</td>
<td>Rabindra Sangit</td>
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<td>N.P Sankarnarayan</td>
<td>S.H.L.C. Exam.</td>
<td>Manipuri Song</td>
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<td>K. Premjit Singh</td>
<td>P.G. dip. in Mridanga</td>
<td>Pung (Khol)</td>
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<td>N.P Sankarnarayan</td>
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<td>Kathakali Chanda</td>
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<td>Animesh Chandra</td>
<td>P.G. Katha-Kali</td>
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<td>Alok Banerjee</td>
<td>Gurukul Training</td>
<td>Esraj</td>
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<tr>
<td>Tapan Kumar Roy</td>
<td>M.Mus.</td>
<td>Esraj</td>
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<tr>
<td>Dinesh Sodhi</td>
<td>H.S., Sangit Pravakar &amp; Ratnakar</td>
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<td>Sitaram Das</td>
<td>Pakhawaj</td>
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<tr>
<td>Biswajit Saw</td>
<td>Dip. in Maddalam</td>
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<tr>
<td>Joydeb Golder</td>
<td>Dip. in Maddalam</td>
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<tr>
<td>Rajan P.</td>
<td>Dip. in Maddalam</td>
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### Accompanist

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<tr>
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<tr>
<td>Binodini Debi</td>
<td>S.H.L.C. Exam.</td>
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<tr>
<td>K. Premjit Singh</td>
<td>P.G. dip. in Mridanga</td>
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<tr>
<td>N.P Sankar</td>
<td>Proficiency in Art</td>
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<td>Animesh Chandra</td>
<td>P.G. Katha-Kali</td>
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<tr>
<td>Alok Banerjee</td>
<td>Gurukul Training</td>
</tr>
<tr>
<td>Tapan Kumar Roy</td>
<td>H.S., Sangit Pravakar &amp; Ratnakar</td>
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<td>Sree Rajesh K V</td>
<td>Pakhawaj</td>
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<td>N.P Sankar</td>
<td>Dip. in Maddalam</td>
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<td>Joydeb Golder</td>
<td>Dip. in Maddalam</td>
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<td>Rajan P.</td>
<td>Dip. in Maddalam</td>
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### Kala-Bhavana Design

<table>
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<tr>
<th>Name</th>
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<tr>
<td>Sisir Sahana</td>
<td>B.F.A, M.F.A</td>
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<tr>
<td>Prabir Kumar Biswas</td>
<td>B.F.A., Painting, CDTC</td>
</tr>
<tr>
<td>Ashok Bhowmik</td>
<td>5 Yrs. Course in Dip. in Painting</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>Dip. in Fine Arts</td>
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Appendix- E

Prasun Kanti Bhattacharya  B.Sc.(Hons.), Diploma in  Painting & Textile Design
Goutam Kumar Das  B.Fine  Ceramics

Asst. Professor
Krishnendu Bag  B.Fine, Textile Design  Design (Textile)
Debasish Das  MVA in Ceramic  Ceramic Design
Bhavna Khajuria Basumatary  MFA  Ceramic Design
Archana Das  MFA  Ceramic Design
Anupam Choudhary  MFA  Ceramic Design
Madi Linda  BA, BFA,MFA  Ceramic Design

Graphic Art
Professor
Nirmalendu Das  M.F.A., Ph.D.  Graphic Art.
Pinaki Barua  M.F.A.  Graphic Art.

Associate Professor
Ajit Seal  Post Diploma Graphic Art  Graphic Art.
Arpan Mukherjee  M.F.A.  Graphic Art

Asst. Professor
Pulak Dutta  M.F.A.  Graphic Art (Print Making)
Salil Sahani  M.F.A.  Graphic Art
Uttam Kr Basak  M.F.A.  Graphic Art
Moirangthem Thomas Singh  M.V.A.  Graphic Art
Prashant Phirangi  M.F.A.  Graphic Art

History of Art
Professor
R.Siva Kumar  M.Fine  Contemporary Indian Art, Renaissance and Post Renaissance art of the West

Associate. Professor
Sanjoy Kumar Mallik  M.F.A, Ph.D.  Indian Art Ancient & Contemporary

Asst. Professor
Anshuman Dasgupta  M.F.A  Contemporary Art (Indian & Western)
Soumik Nandi Majumdar  M.F.A  Indian Art (Traditional Art & Craft)
Syed Parvez Kabir  M.F.A  Ancient Indian Art. (Sculpture & Architecture)
Rishav Gandhar Narzary  MFA  Modern western Art

Painting
Professor
Nandadulal Mukhopadhyay  B.Fine, M.F.A.  Painting & Mural
Appendix- E

Associate Professor
Sitansu Mukhopadhyay M.F.A., Ph.D. Painting
Dilip Mitra M.F.A. Painting
Arghya Priya Majumdar M.Fine Painting
Sanchayan Ghosh M.F.A. Painting

Asst. Professor
Ambaris Nandan M.V.A. Painting
Prasanta Sahu M.F.A. Painting
Rajarshi Biswas M.F.A. Painting
Sk. Sahajahan Adv. Dip in Painting Painting
Dharitri Boro M.F.A. Painting

Sculpture
Professor
Pankaj Panwar M.F.A. Sculpture

Associate Professor
Sumitabha Pal M.F.A. Sculpture
Sutanu Chatterjee M.F.A. Sculpture

Asst. Professor
Kamal Dhar M.F.A. Sculpture
Rishi Barua M.F.A. Sculpture
Amit Kumar Dhara M.F.A. Sculpture
Lawanshaibha Kharmawlong M.F.A. Sculpture

Palli Samgathana Vibhaga
Palli Charcha Kendra
Professor
Maitreyi Chowdhuri M.Sc, Ph.D. Statistics and Econometric Methods
Sankar Majumder M.Sc, Ph.D. Planning and Public Economics

Associate Professor
Santanu Rakhit M.Sc, Ph.D. Agrarian Economy, International Trade, Socio-Economic Differentiation
M. Alankara Massilamani M.A., M.A., Ph.D. Rural Development

Asst. Professor
Sujit Kumar Pal M.A., Ph.D. Rural Development, Microfinance W.S.Edu
Rathindra Nath Pramanik M.A., Ph.D. Agricultural Econimy/Labour Economy

Rural Extension Centre
Professor
Amit Kumar Hazra M.Sc.(Ag.), Ph.D. Rural Economics & Rural Development

Associate Professor
Rafiqul Islam MA(SW), Ph.D. Elementary & Non formal Education, Population Education

Asst. Professor

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Appendix- E

Subhrangsu Santra
Asst. Lecturer
MA, Ph.D
Rural Development

Sandip Sen
M.Mus
Rabindra Sangit

Tarasankar Das
M.Mus
Rabindra Sangit

Subhayu Sen Majumdar
M.Mus
Esraj

Silpa Sadana
Professor

Raj Kumar Konar
B.Arch, M.Des.
Architecture, Furniture, Interior & Product Design

Smt. Padmini Balaram
Ph.D
Textile

Associate Professor

Vishal C. Bhand
B.F.A, M.Sc (Textiles)
Design Theory, Process & Painting

Arup Mukherjee
B.Sc.(Tech)
Textile Chemistry

Reader

Santanu Jena
BFA & MFA in Pottery & Ceramic Adv. Course in Ceramic, China
Ceramic & Glass

Asst. Professor

Amrita Kumar Das
Dip. in Wood Work
Wood Work

Madhusudan Hazra
Dip. in Handloom Weaving
Handloom weaving

Sanjay Kumar Goswami
B.Sc., Paper Tech.
Paper making

Smt. Shyamali Sengupta
B.Sc.(Hons.), Dip. in Wood work
Wood Work

Arun Kumar Sharma
Pottery-Ceramic

Prabir Kumar Choudhuri
M.Sc.(Tech.)
Mechanical Processing Textile

Arabinda Mondal
B.Tech M.Tech. Ph.D (Tech)
Ceramic

Ashis Mitra
B.Sc. (Tech) M.Sc. (Tech)
Mechanical Processing

Sankar Ray Maulik
M.Tech.Ph.D,
Textile Chemistry

Ashis Ghosh
M.F.A.
Wood-work

Naba Kumar Majhi
B.F.A., M.F.A.
Interior Accessories

Deb Kumar Das
B.Com., Dip. in Woodwork
Woodwork

Mrinal Kanti Sarkar
B.F.A. (Design)
Textile Design

Ms. Sukanya Chatterjee
B.Sc., M.Sc.(Wood Sc.)
Wood SC. & Tech.

Jaya Boro
M.F.A
Painting, Pottery, Ceramic

Manoj Kumar Prajapati
M.F.A.
Design, Pottery & Ceramic

Social work
Professor

Kumkum Bhattacharya
M.A.(Psychology),Ph.D.
Culture Personality

Ashok Kumar Sarkar
M.A. (SW), Ph.D.
NGOs, Health care & Development

Prasanta Kumar Ghosh
M.A.(SW), Ph.D.
HRD, HRM, AID/HIV History, Philosophy, concept of social work

Debotosh Sinha
M.A.(SW), M.Phil., Ph.D.
Family & Child Welfare

Reader

Manju Mohan Mukherjee
M.A.(SW), Ph.D.
Health & Mental Health

Associate Professor

Swapan Hazra
M.A.(SW)
HRD, Welfare Administration
## Appendix- E

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<th>Name</th>
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<tbody>
<tr>
<td>Sanjoy Roy</td>
<td>M.A.(SW), M.Phil, Ph.D</td>
<td>Community Development</td>
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<tr>
<td><strong>Asst. Professor</strong></td>
<td></td>
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</tr>
<tr>
<td>Ram Prasad Das</td>
<td>M.A.(SW), M.Phil.</td>
<td>Crime and Correctional Administration</td>
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<tr>
<td>Paramita Roy</td>
<td>M.Sc (Economics)</td>
<td>Development Economics, social</td>
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<td>Development</td>
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<tr>
<td>Sudeshna Saha</td>
<td>M.A. (SW)</td>
<td>Medical &amp; SW Psychiatric Social Work</td>
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<tr>
<td>Neelmani Jayawal</td>
<td>M.A.</td>
<td>Community Organization</td>
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<tr>
<td>Josephee Varghese</td>
<td>M.A, M.Phil</td>
<td>Community Development</td>
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<tr>
<td>Sukumar Pal</td>
<td>M.A, Ph.D</td>
<td>Weaker Section, Social Defence and</td>
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<td>Correction</td>
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<tr>
<td>Ms. Subhashree Sanyal</td>
<td>M.A(Social Work)</td>
<td>Medical &amp; Psychiatric Social Work</td>
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<tr>
<td>Sasmita Patel</td>
<td>MSW, M.Phil</td>
<td>Women Empowerment</td>
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### Palli Siksha Bhavana

#### Crop Improvement, Horticulture and Agricultural Botany

<table>
<thead>
<tr>
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<tr>
<td><strong>Professor</strong></td>
<td>Partha Sarathi Munshi</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Floriculture, Medicinal and Aromatic Plants</td>
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<tr>
<td></td>
<td>Paresh Chandra Kole</td>
<td>M.Sc. (Ag.), Ph.D.</td>
<td>Plant Breeding</td>
</tr>
<tr>
<td><strong>Associate Professor</strong></td>
<td>Amitava. Paul</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Genetics &amp; Plant Breeding</td>
</tr>
<tr>
<td><strong>Reader</strong></td>
<td>Snehasish Chakravorty</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Olericulture &amp; Floriculture</td>
</tr>
<tr>
<td><strong>Asst. Professor</strong></td>
<td>Joydeep Mandal</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Olericulture</td>
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<tr>
<td></td>
<td>N. R. Chakraborty</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Genetics &amp; Plant Breeding</td>
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<tr>
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<td>Prahlad Deb</td>
<td>M.Sc(Hort), Ph.D.</td>
<td>Pomology &amp; Post-harvest Technology</td>
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<tr>
<td><strong>Plant Protection</strong></td>
<td>Nakul Chandra Mandal</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Post harvest Pathology, Root Pathology and Mushroom &amp; Fungal Plant Pathology</td>
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<tr>
<td><strong>Professor</strong></td>
<td>Kanchan Baral</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Economic Entomology</td>
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<tr>
<td><strong>Associate Professor</strong></td>
<td>H. Chatterjee</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Economic Entomology</td>
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<td>R. Nath</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Plant Virology</td>
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<td><strong>Asst. Professor</strong></td>
<td>Palash Mondal</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Economic Entomology</td>
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<td>Mohan Kumar Biswas</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Mushroom &amp; Fungal Plant Pathology</td>
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<td>Bholanath Mondal</td>
<td>M.Sc.(Ag), Ph.D.</td>
<td>Plant Bacteriology</td>
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<td>Swarnali Bhattacharya</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Economic Entomology</td>
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</tbody>
</table>

### Academic Details

- Annual Report 2012-13
Appendix- E

Professor
Kazi Md. Badrur Rahim M.Sc. (Ag.), Ph.D. Agril. Economics
Swapan Behari Mukhopadhyay M.Sc.(Ag.), Ph.D. Agril. Extension
Debasish Bhattacharya M.Sc.(Ag.), Ph.D. Statistics
Sarthak Chowdhury M.Sc.(Ag.), Ph.D. Agril. Extension

Associate Professor
Bidhan Chandra Roy M.Sc.(Ag.), Ph.D. Agril. Economics

Reader
Debashis Sarkar M.Sc.(Ag.), Ph.D. Agril. Economics

Asst. Professor
Siddhartha Dev Mukhopadhyay M.Sc.(Ag.), Ph.D. Agril. Extension
Anindita Saha M.Sc.(Dairy Ext. Edu.) Dairy Extension Education
Digvijay Singh Dhakre M.Sc. Ph.D. Statistics
Bitan Mondal M.Sc Diary Economics

Agronomy, Soil Science, Agricultural Engineering, Plant Physiology and Animal Science

Professor
S.K. Mukhopadhyay M.Sc., Ph.D. Weed Science
Dulal Chandra Ghosh M.Sc.(Ag.), Ph.D. Crop Growth Analysis
Gopal Chandra De M.Sc.(Ag.), Ph.D. Weed Science
Ashis Kumar Chatterjee M.Sc.(Ag.), Ph.D. Soil Chemistry
Santi Ranjan Mitra M.Sc.(Ag.), Ph.D. Agril. Chemistry

Associate Professor
Arun Kumar Barik M.Sc.(Ag.), Ph.D. Crops and Cropping System
Binoy Kumar Saren M.Sc.(Ag.), Ph.D. Water Management
Ranabir Moitra M.Tech., Ph.D. Soil & Water Conservation Teratology
Jayanta Kumar Chatterjee M.V.Sc., Ph.D. Animal Production and Management
Goutam Kumar Ghosh M.Sc.(Ag.), Ph.D. Soil Chemistry & Soil Fertility
Buddhadev Duary M.Sc.(Ag.), Ph.D. Weed Management

Reader
G.anesh Ch. Malik M.Sc.(Ag.), Ph.D. Crop Husbandary & Water Management
P.K. Biswas M.Sc. Ph.D Agriculture Chemistry

Asst. Professor
Swapan Kr. Maity M.Sc.(Ag.), Ph.D. Crop Husbandry
Suchhanda Mondal M.Sc.(Ag.), Ph.D. Soil Science & Agril. Chemistry
Debasish Panda M.Sc.(Ag.) Plant Physiology
P. Kandaswamy M.E.(Agril) Agricultural Processing
Kalipada Pramanik M.Sc.(Ag.), Ph.D. Dryland Agronomy
**Appendix- E**

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<tr>
<td>Mahua Banerjee</td>
<td>M.Sc.(Ag.), Ph.D.</td>
<td>Crop Husbandary</td>
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<tr>
<td>Vasudeve Raoy</td>
<td>M.Sc., Ph.D</td>
<td>Bio-Chemistry</td>
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<tr>
<td>K.C. Swain</td>
<td>M.Sc., Ph.D</td>
<td>Agriculture Engineering</td>
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<tr>
<td>N.C. Sarkar</td>
<td>M.Sc., Ph.D</td>
<td>Plant Physiology</td>
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<tr>
<td>M. C. Kundu</td>
<td>M.Sc., Ph.D</td>
<td>Soil Science</td>
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<tr>
<td>Ms. Sananda Mondal</td>
<td>M.Sc., Ph.D</td>
<td>Plant Physiology</td>
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**School**

**Patha-Bhavana**

Bodhirupa Sinha (Principal) M.A (Eco.), B.Ed

**English**

- Amitabha Mukherjee  M.A, B.Ed., Ph.D  English Language Teaching
- Abhijit Sengupta    M.A., M.Phil, PGDTE
- Bijaya Bhattacharyya M.A
- Surojit Sen         M.A, B.Ed.  Classical Tragedy
- Sarada Basu Mukhopadhyay M.A  American Lit.
- Sreemoyee Ghosh     M.A, B.Ed.
- Sangita Hembrom     M.A
- Uma Chatterjee      M.A, B.Ed.  Classical Literature

**Bengali**

- Tarit Roychoudhuri   M.A
- Nilay Ray            M.A, M.Phil, BT, PGDAE  Linguistics
- Shyamaprosad Chatterjee  M.A, Ph.D
- Rakhee Sarkar        M.A, B.Ed.  Prachin Sahitya
- Haradhan Soren      M.A
- Nibir Kr. Ghosh      M.A, B.Ed.
- Anuradha Saha        M.A, B.Ed.
- Debolina Dalal       M.A, B.Ed.

**Mathematics**

- Chumki Samanta       M.Sc, Ph.D.  Quantum Mechanics & Atomic Collision Theory
- Subhrangsu Sen       M.Sc, B.Ed.
- Narayan Ch Mondal    M.Sc, Ph.D., B.Ed.
- Tarak Nath Saha      M.Sc, B.Ed. Ph.D.
- Patralekha Datta Sarkar  M.Sc, B.Ed.
- Madhusudan Mondal    M.Sc, B.Ed.
- Sutapa Saha          M.Sc, B.Ed.

**Music**

- Chandan Munsi        M.Music
- Chitra Munsi         B.Sc, M.Mus.
- Mousumi Das          M.Music, B.Ed.
- Karunamoy Majumdar   M.Music
- Dulalprosad Mukherjee  B.Mus, (Tabla)

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## Appendix- E

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## Appendix- E

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### LIST OF SAMSAD (COURT) MEMBERS OF VISVA-BHARATI

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<td>24.</td>
<td>Head Dept. of Arabic, Persian, Urdu &amp; Islamic studies Visva-Bharati</td>
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<td>25.</td>
<td>Head Department of Indo-Tibetan Studies Visva-Bharati</td>
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<td>26.</td>
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<td>27.</td>
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<td>28.</td>
<td>Head Department of Economics &amp; Politics Visva-Bharati</td>
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<td>29.</td>
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<td>30.</td>
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<td>31.</td>
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<td>32.</td>
<td>Head Department of Philosophy &amp; Religion Visva-Bharati</td>
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<td>33.</td>
<td>Head Centre for Journalism and Mass Communication Visva-Bharati</td>
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<td>34.</td>
<td>Head Dept. of Anthropology Visva-Bharati</td>
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<td>40.</td>
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<td>41.</td>
<td>Head Computer &amp; System Science Visva-Bharati</td>
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<td>42.</td>
<td>Head, Department of Biotechnology Visva-Bharati</td>
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<td>43.</td>
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<td>46.</td>
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## Appendix- F

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<tr>
<td>47.</td>
<td>Head Department of Graphic Art. Visva-Bharati</td>
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<td>Head Department of History of Art. Visva-Bharati</td>
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<td>49.</td>
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<td>50.</td>
<td>Head Department of Physical Education Visva-Bharati</td>
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<tr>
<td>51.</td>
<td>Head Department of Rabindra Sangit, Dance &amp; Drama Visva-Bharati</td>
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<td>52.</td>
<td>Head Department of Classical Music Visva-Bharati</td>
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<td>53.</td>
<td>Head Department of Agronomy Visva-Bharati</td>
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<td>54.</td>
<td>Head Department of Crop Improvement Horticulture &amp; Agril. Botany Visva-Bharati</td>
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<td>55.</td>
<td>Head Department of Plant Protection Visva-Bharati</td>
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<td>56.</td>
<td>Head Department of Agril. Extension &amp; Deprt. of Statistics, Visva-Bharati</td>
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<td>57.</td>
<td>Head Department of Social Work Visva-Bharati</td>
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<tr>
<td>58.</td>
<td>Head Department of Palli Charcha Kendra Visva-Bharati</td>
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<tr>
<td>59.</td>
<td>Head Department of Silpa Sadhana Visva-Bharati</td>
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<td>60.</td>
<td>Head Rural Extension Centre Visva-Bharati</td>
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<tr>
<td>61.</td>
<td>Prof. Maitreyee Choudhury Palli Samgathana Vibhaga Visva-Bharati</td>
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<td>62.</td>
<td>Prof. Ganapati Subbaiah Prof. of AHC&amp;A Vidya Bhavana Visva-Bharati</td>
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<td>63.</td>
<td>Prof. Shyamal Kumar Samanta Siksha Bhavana Visva-Bharati</td>
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<td>64.</td>
<td>Prof. Prabir Kumar Biswas Department of Design Kala-Bhavana Visva-Bharati</td>
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<td>65.</td>
<td>Sri Sunil Kabiraj Sangit Bhavana Visva-Bharati</td>
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<td>66.</td>
<td>Prof. Gopal Chandra De Palli Siksha Bhavana Visva-Bharati</td>
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<td>67.</td>
<td>Dr. Sagarika Banerjee Dept. of Physical Education Vinaya-Bhavana Visva-Bharati</td>
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<td>68.</td>
<td>Prof. Alpana Ray Dept. of Bengali (Bhasha Bhavana) Visva-Bharati</td>
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<td>69.</td>
<td>Smt. Srilekha Chatterjee Patha-Bhavana Visva-Bharati</td>
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<td>70.</td>
<td>Sri Tirtha Salil De Siksha-Satra, Visva-Bharati</td>
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## Appendix- F

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<tr>
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</table>
| 71.    | Sri Sukumar Bauri  
Cook-General Refectory,  
Santisree Hostel  
Visva-Bharati |
| 72.    | Smt. Subhra Chatterjee,  
Senior Assistant  
Internal Audit Office  
Visva-Bharati |
| 73.    | Sri Mihir Lal Dhara  
Section Officer (General)  
Central Office  
Visva-Bharati |
| 74.    | Sri Palash Mukherjee  
Peon, Vidya-Bhavana |
| 75.    | Sri Anath Bandhu Pal  
Sevak (Attendant)  
Purbapalli Guest House  
Visva-Bharati |
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55/2, Ballygunge Circular Road  
Kolkata-19 |
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25, Eden Hospital Road,  
Kolkata - 700 013 |
| 78.    | Dr. Bhalchandra Mungekar  
201, Brahmaputra,  
Dr. B.D. Marg  
New Delhi - 110001 |
| 79.    | Shri Gulam Mohammed Sheikh  
Niharika, Behind University Health  
Pratappanj,  
Baroda - 390002 |
| 80.    | Dr. Ramchandra Dome  
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Ek-ER Pally,  
Barabag, Suri  
Dist. Birbhum, West Bengal |
| 81.    | Shri Amarnath Pradhan  
Hon’ble Member of Lok Sabha  
N-2/49, IRC Village  
Bhubaneswar-751015 Odisha |
| 82.    | Sri Sudip Bandyopadhyay  
Hon’ble Member of Lok Sabha  
72/4, S.N. Banerjee Road, Waverly Mansion,  
P.O. Entally  
Kolkata-700014 |
| 83.    | Shri Kiran V. Shantaram  
Shantshree  
Rajkamal Studio, Parel  
Mumbai - 400 012 |
| 84.    | Dr. Srikumar Banerjee  
Director, Bhabha Atomic Research Centre,  
Mumbai-400085 |
| 85.    | Mr. K.S. Radhakrishnan  
J-1858, Chittaranjan Park  
New Delhi 110 019 |
| 86.    | Prof. Jogen Choudhury  
Professor Emeritus, Visva-Bharati  
Ratan Palli, Santiniketan |
| 87.    | Prof. Dipankar Gupta  
1, Palam Marg (Rear Block)  
Vasant Vihar  
New Delhi - 110057 |
| 88.    | Prof. T.K. Oommen  
85, National Media Centre  
Gurgaon-122002, Haryana |
| 89.    | Ms. Chanda D Kochar  
ICICI Bank Ltd.  
Land Mark, Race Course Circle, Vadodara-390007 |
| 90.    | Sh. Farooq Sheikh  
Actor and Social Worker |
| 91.    | Sh. Girish Karnad |
Appendix-F & G

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<thead>
<tr>
<th>Sl. No.</th>
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<tr>
<td>92.</td>
<td>Prof. Rajeev Lochan&lt;br&gt;Block J/114, Sarita Vihar, Mathura Road&lt;br&gt;New Delhi-110044</td>
</tr>
<tr>
<td>93.</td>
<td>Prof. Ramgopal Bajaj, C/o, Mr. Riju Bajaj&lt;br&gt;Bunglo no.10/2, Neen Sagar Sidency,&lt;br&gt;Station Road, Post. Karla, Taluka : Maval, Malavi&lt;br&gt;Pune-410405</td>
</tr>
<tr>
<td>94.</td>
<td>Prof. Shekhar Chaudhuri&lt;br&gt;Indian Institute of Management Calcutta&lt;br&gt;D.H. Road, Joka, Kolkata-700104</td>
</tr>
</tbody>
</table>

Appendix-G

Existing members of the Karma-Samiti
(Executive Council)

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<tr>
<th>Sl. No.</th>
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<tbody>
<tr>
<td>1.</td>
<td>Prof. Sushanta Dattagupta&lt;br&gt;Upacharya (Vice-Chancellor)&lt;br&gt;Visva-Bharati</td>
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<tr>
<td>2.</td>
<td>Dr. Tapati Mukherjee&lt;br&gt;Director of Culture and Cultural Relations&lt;br&gt;Visva-Bharati</td>
</tr>
<tr>
<td>3.</td>
<td>Prof. Sabuj Koli Sen&lt;br&gt;The Director of Studies, Educational Innovation &amp; Rural Reconstruction&lt;br&gt;Visva-Bharati</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. (Col) M.M. Mitra&lt;br&gt;Director of Physical Education, Sports, National Service and Student Welfare,&lt;br&gt;Visva-Bharati</td>
</tr>
<tr>
<td>5.</td>
<td>Shri Kiran V. Santaram&lt;br&gt;Santashree&lt;br&gt;Rajkamal Studio, Parel,&lt;br&gt;Mumbai-400012</td>
</tr>
<tr>
<td>6.</td>
<td>Prof. Dipankar Gupta&lt;br&gt;1, Palam Marg (Real Block), Vasant Vihar&lt;br&gt;New Delhi - 110057</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Srikumar Banerjee&lt;br&gt;DAE Homi Bhabha Chair Professor&lt;br&gt;Bhabha Atomic Research Centre&lt;br&gt;Mumbai-400085</td>
</tr>
<tr>
<td>8.</td>
<td>Mr. K.S. Radhakrishnan&lt;br&gt;J-1858, Chittaranjan Park&lt;br&gt;New Delhi  110 019</td>
</tr>
<tr>
<td>9.</td>
<td>Prof. Alpana Ray&lt;br&gt;Department of Bengali, Bhasha-Bhavana&lt;br&gt;Visva-Bharati</td>
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<tr>
<td>10.</td>
<td>Prof. Gopal Chandra De&lt;br&gt;Palli Siksha Bhavana&lt;br&gt;Visva-Bharati</td>
</tr>
<tr>
<td>11.</td>
<td>Prof. Onkar Prasad, Adhyaksha&lt;br&gt;Vidya Bhavana&lt;br&gt;Visva-Bharati</td>
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<td>12.</td>
<td>Adhyaksha,&lt;br&gt;Kala-Bhavana&lt;br&gt;Visva-Bharati</td>
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<td>13.</td>
<td>Prof. Arttatrana Nayak&lt;br&gt;Adhyaksha&lt;br&gt;Bhasha-Bhavana&lt;br&gt;Visva-Bharati</td>
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<tr>
<td>14.</td>
<td>Smt. Bodhirupa Sinha&lt;br&gt;Adhyaksha&lt;br&gt;Patha-Bhavana&lt;br&gt;Visva-Bharati</td>
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<tr>
<td>15.</td>
<td>Prof. Jogen Choudhury&lt;br&gt;Professor Emeritus, Visva-Bharati&lt;br&gt;Ratanpalli, Santiniketan&lt;br&gt;Ph. 98311 97063</td>
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</tbody>
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Annual Report
Visva-Bharati

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Director of Studies, Educational Innovations & Rural Reconstruction

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Principal, Palli Siksha-Bhavana

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Professor Amit Hazra
Principal, Palli Samgathana-Vibhaga

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Professor Benudhar Chinara
Vinaya-Bhavana

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Postal Address
Santiniketan, Birbhum
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Cables & Telegram
Visva-Bharati Santiniketan

Website
www.visva-bharati.ac.in

Telephone
(03463) 262 751-6 (6 lines)

Fax
+91 (03463) 262-672

E-mail
visva-bharati@visva-barati.ac.in