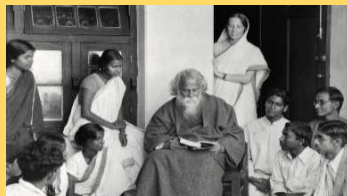




**International Workshop on
Tools and Techniques in Air Quality and Health Impacts
Assessment**
23 to 25 November, 2019
at
Visva-Bharati
(A Central University &
An Institute of National Importance)



“Visva-Bharati represents India where she has her wealth of mind which is for all. Visva-Bharati acknowledges India's obligation to offer to others the hospitality of her best culture and India's right to accept from others their best.” — Rabindranath Tagore

Organised by



**Department of Environmental Studies
Visva-Bharati, Santiniketan, West Bengal, India**

in association with



**Department of Biology, Toxicology Centre, and
School of Environment and Sustainability,
University of Saskatchewan, Saskatoon, Saskatchewan, Canada**

Sponsored by
Scheme for Promotion of Academic and Research Collaboration
&
Visva-Bharati

A three day international workshop will be organized jointly by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, India, and the Department of Biology, School of Environment & Sustainability, and Toxicology Centre, University of Saskatchewan, Saskatoon, Canada on the theme “Tools and Techniques in Air Quality and Health Impacts Assessment” on November 23 - 25, 2019 at the Dept. of Environmental Studies, Visva-Bharati, Santiniketan. On behalf of the organizing committee it gives us great pleasure to invite you to participate in this workshop. Distinguished professors / researchers from various fields of science and technology will be sharing their knowledge and research in this workshop. The aim of the workshop is to introduce new areas of research, tools & techniques and their applications in the field of air quality and health impact assessment, which will provide novel information to students, research scholars and faculty members of colleges and universities.

Themes of the Workshop:

- Emissions inventories
- Source apportionment
- Mobile monitoring
- Dispersion modelling
- Land use regression
- Computer/software tools in air quality assessment
- Ambient Air Monitoring / Assessment
- Stack Emission Testing
- Indoor Air Quality Test
- Passive versus Active Air Sampling
- Assessment of outdoor exposure and burden of diseases
- Assessment of indoor exposure and burden of diseases
- Questionnaire/Epidemiological Studies
- Statistical and Physical Models
- Respiratory Health Analyses
- Assessment of Biochemical and Pathophysiological Markers of Health
- Application of Genomics/Proteomics in Health Impacts Assessment

Organising Committee:

Patron:

Prof. Bidyut Chakrabarty, Vice-Chancellor (Upacharya),
Visva-Bharati

Chairperson:

Prof. Kashinath Chatterjee, Principal, Siksha Bhavana
(Institute of Science), Visva- Bharati

Organizing Secretary:

Prof. Pratap Kumar Padhy, DES, Visva-Bharati, & Principal
Investigator, SPARC Project.

Dr. Pulak Kumar Patra, DES, Visva-Bharati, & Co-Principal
Investigator, SPARC Project.

Organizing Members:

Prof. Soumya Niyogi, University of Saskatchewan, Canada.

Prof. Markus Hecker, University of Saskatchewan, Canada.

Prof. Pratap Kumar Padhy, DES, Visva-Bharati, Santiniketan,
India.

Dr. Pulak Kumar Patra, DES, Visva-Bharati, Santiniketan,
India.

Prof. Shibani Chaudhury, DES Visva-Bharati, Santiniketan,
India.

Dr. Srinivasan Balachandran, DES, Visva-Bharati,
Santiniketan, India.

Dr. Umesh Kumar Singh, ISREC, Visva-Bharati, Santiniketan,
India.

Dr. Ramansu Goswami, Guest Lecturer, DES, Visva-Bharati,
Santiniketan, India.

Dr. Krishanu Sarkar, Guest Lecturer, DES, Visva-Bharati,
Santiniketan, India.

Dr. Rumi Rabha, DES, Visva-Bharati, Santiniketan, India.

Dr. Suraj Ghosh, DES, Visva-Bharati, Santiniketan, India.

Resource Persons and Tentative Speakers:

Prof. C K. Varshney, Emeritus Professor, SES, JNU, New Delhi.

Prof. Mukesh Khare, Professor of Environmental Engineering,
Civil Engineering Department, IIT Delhi, Hauz Khas, New
Delhi.

Prof. Sachchida Nand Tripathi, Department of Civil
Engineering & Department of Earth Sciences, IIT-Kanpur,
India.

Prof. Soumya Niyogi, Department of Biology & Toxicology
Centre, University of Saskatchewan, Saskatoon, SK, Canada.

Prof. Markus Hecker, School of Environment and Sustainability & Toxicology Centre, University of Saskatchewan, Saskatoon, SK, Canada.

Dr. Sagnik Dey, Associate Professor, Centre for Atmospheric Sciences, Indian Institute of Technology Delhi, Hauz Has, New Delhi.

Dr. Trupti Das, Department of Environment & Sustainability, CSIR-Institute of Minerals and Materials, Bhubaneswar, Odisha, India.

Dr. R.E. Masto, CSIR-CIMFR, Dhanbad, India.

Dr. S N Ojha, ISREC, Visva-Bharati, Santiniketan, India.

Dr. Tirthankar Ghosh, Department of Statistics, Visva-Bharati, Santiniketan, India.

Dr. Tofan Kumar Rout, CSIR-Central Drug Research Institute, Lucknow, India.

SPARC Details:

The Scheme for Promotion of Academic and Research Collaboration (SPARC) aims at improving the research ecosystem of India's Higher Educational Institutions by facilitating academic and research collaborations between Indian Institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and/or international relevance. The expected outcomes include tangible results in terms of large quantity of high quality research publications, solution to key national and international problems, development of niche courses, high quality text books and research monographs, imbibing of best practices from top international academicians and researchers, strong bilateral cooperation, and improved world reputation and ranking of Indian Institutions.

University of Saskatchewan, Canada:

The University of Saskatchewan is located in Saskatoon, the largest city and the economic and cultural hub of the Canadian province of Saskatchewan. Founded in 1910, the University of Saskatchewan presently has an enrolment of over 25,000 undergraduate and graduate students.

The three academic units (Department of Biology, School of Environment and Sustainability, and Toxicology Centre) have graduate programs leading to Postgraduate Diploma, M.Sc.

and Ph.D. degrees. These units have particular strength in environmental, wildlife and biomedical toxicology, chemical and environmental/ecological risk assessment, behavioural and population ecology, plant molecular biology, water resources management.

Department of Environmental Studies (DES), Visva-Bharati:

The Department of Environmental Studies (DES), Siksha Bhavana, Visva-Bharati was established in 1999. The Department provides new dimensions in the various fields of environment with an interdisciplinary approach. The Department introduced M.Sc. and Ph.D course in Environmental Sciences from 2003 and started 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 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.

Registration Fee:

The faculty / research scholars / post graduate students interested to participate in the workshop are requested to fill up the particulars in the registration form and e-mail to vbparc@gmail.com by 15th November 2019.

Faculties and Scientists = Rs. 2000/-
Research Scholars: Rs. 1000/-
Students: Rs. 500/-

Payment Mode: Cash/Online

Bank Name: HDFC Bank Ltd, Shivam Complex, Bolpur
A/C Name: Visva Bharati University Project
A/C No.: 50100195564478
IFSC code: HDFC0002785
Registration fees include programme kit, breakfast, lunch, dinner during workshop, tea/coffee during session break and local transport.

Travel and Accommodation:

Participants are requested to make their own travel and accommodation arrangements.

Contact Us:

Prof. Pratap Kumar Padhy,
Department of Environmental Studies, Siksha Bhavana
Visva-Bharati, Santiniketan 731235
Mob: +91-8900441143
Email: vbparc@gmail.com

REGISTRATION FORM

Name:

Gender: Male [] / Female []

Designation:

Specialization:

Organization:

.....

Mobile No:

Email:

Food: Veg [] / Non. Veg []

Accommodation Required: Yes [] / No []
(On extra payment and request)

Date & Time of Arrival:

Date & Time of Departure:

Registration fee particulars: cash/online
Amount and reference of online payment

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Signature: