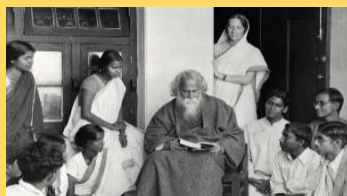




**International Conference on
Air Quality and Human Health**
22 - 24 September, 2022
at

**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 (DES)
Visva-Bharati, Santiniketan, West Bengal, India**

in association with



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

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

A three-day international conference will be organized jointly by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan and the Department of Biology as well as the Toxicology Centre, University of Saskatchewan, Saskatoon, Canada on the theme “Air Quality and Human Health” during September 22-24, 2022 at the Dept. of Environmental Studies, Visva-Bharati, Santiniketan. Distinguished professors/ researchers from various fields of science and technology will be sharing their knowledge and research in this conference. The aim of the conference is to gather information on recent research and developments in air quality vis-à-vis human health and the cutting edge areas of research with respect to air pollution and health, which will provide novel information to students, research scholars and faculty members of colleges and universities. On behalf of the organizing committee, it gives us immense pleasure to invite you to participate and present your research papers in this conference.

Call for Abstracts & Full Paper:

Participants interested to present their papers in the conference are requested to submit their abstracts (within 300 words) with few key words to the Email: vbsparc@gmail.com on or before 31st August, 2022. Authors of accepted abstracts will be invited to submit the full paper (which will be published in the form of an ISBN Book or Conference Proceeding by reputed publisher) and to present the paper at the Conference.

Themes of the Conference:

- Fundamentals of Atmosphere & Air Pollution
- Properties of Air Pollutants
- Air Pollutant Hazards & Exposure
- Effects of Air Pollutants (Cardiovascular, Respiratory, hormonal, reproductive, neurological & others)
- Air Pollutants & Cancer risks
- Effects of air pollutants on wellbeing
- Air Pollution and Modelling
- Air Pollution Control technologies
- Proteomics, Genomics and Health Impacts
- Transcriptomics and Health Impacts
- Other related aspects on air pollution

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.

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

Visva-Bharati, founded by Gurudev Rabindranath is an institute of national importance and has attained the status of a Central University in 1951. The Department of Environmental Studies (DES) at Siksha Bhavana (Institute of Science), 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. The department has good infrastructure for quality research, in different fields of environment. The department is continuously contributing in the field of environmental education and research. One of its founding objectives has been to act as a Nodal Department in the Eastern India, in the field of Environmental Studies.

University of Saskatchewan, Canada:

The University of Saskatchewan is located in Saskatoon, Canada situated astride the South Saskatchewan River. Founded in 1910, the University of Saskatchewan now has an enrolment of over 25,000 students.

The two departments, viz., Department of Biology & Toxicology, and School of Environment and Sustainability &

Toxicology Centre, have graduate programs leading to Postgraduate Diploma, M.Sc. and Ph.D. degrees. The faculty, which includes associate members and adjunct professors from other departments and institutes on campus, have particular strength in toxicology & chemical risk assessment in a human health and environmental context, ecology and behaviour, plant biotechnology and developmental biology.

Registration:

The faculty / research scholars / post graduate students interested to participate / present paper in the conference (Physical mode) is requested to fill up the registration form online at the link: <https://forms.gle/PgflezXwQ2zQurun9>

The last date of registration is 10th September 2022.

Registration fee:

For Offline (Physical) participation

Faculties and Scientists: Rs. 2000/-

Research Scholars: Rs. 1000/-

Students: Rs. 500/-

* Foreign Participants: INR 3000/- or USD 50.00

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 (Physical) 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.

Organising Committee:

Patron:

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

Chairperson:

Prof. Swapan Raha, 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 Committee Members:

Prof. Soumya Niyogi, University of Saskatchewan, Canada.

Prof. Markus Hecker, University of Saskatchewan. Canada.

Dr. Srinivasan Balachandran, DES, Visva-Bharati.

Dr. Sushil Kumar, DES, Visva-Bharati.

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

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

Dr. Dipti Karmakar, Guest Lecturer, DES, Visva-Bharati.

Mrs Mallika Chowdhury, DES, Visva-Bharati.

Mr. Buddhadev Ghosh, DES, Visva-Bharati.

Keynote Speakers (Tentative) of various Sections:

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

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

Prof. Sagnik Dey, Centre for Atmospheric Sciences, IIT, Delhi.

Prof. R. Paulraj, Dean, SES, JNU, New Delhi.

Dr. Trupti Das, CSIR- IMMT, Bhubaneswar, Odisha, India.

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

Dr. Dhyana Chandra, Roswell Park Comprehensive Cancer
Center, Buffalo, New York, USA.

Prof. Ravindra Khaiwal, Community Medicine & School of
Public Health (Environmental Health). PGIMER, Chandigarh.

Dr. Saibal Moitra, Apollo Hospital, Kolkata.

Dr. Sweta Yadav, Central University of Jammu, Jammu &
Kashmir.

Important Dates:

Last date of abstract submission: 31st August 2022

Full Paper Submission: 10th September, 2022

Last date of registration: 10th September, 2022

Conference dates: 22-24th September, 2022

Contact us:

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*Interested Foreign Participants may submit their abstracts and register online. For payments, they need to write to the Organizing Secretary at <vbsparc@gmail.com>.