SPONSORSHIP

There are four categories of Sponsorship as under

Category	Amount (INR)	No. of Free Delegates (Indian)	Time Slot for Business Promotion (Mins.)
Platinum	200,000/-	8	90
Gold	150,000/-	6	60
Silver	100,000/-	4	45
Bronze	50,000/-	2	30

In addition, GST (current rate 18%) is to be paid by the Sponsors. The payment may be made through Demand Draft/NEFT/RTGS in favor of the A/C, mentioned earlier. All the Sponsors are entitled for free advertisement.

ADVERTISEMENT TARIFFS

The Tariffs of Advertisement are as under

Advertisement Type	Tariff (INR)
Back Cover Page (Outside/color)	50,000/-
Back Cover Page (Inside/color)	40,000/-
Front Cover Page (Inside/color)	30,000/-
Inside Page (Full)	20,000/-
Inside Page (Half)	10,000/-

The print coverage of a full page will be about 6" x 9.5". In addition, GST of 18% is to be paid by the Advertisers. The payment may be made through Demand Draft/NEFT/RTGS in favor of the above A/C.

Civil Engineering Department Indian Institute of Engineering Science and Technology, Shibpur Howrah – 711 103, West Bengal, India Phone: 033-2668-4561, Fax: 033-2668-2916 Website: https://www.iiests.ac.in



1ST INTERNATIONAL CONFERENCE

ON

SUSTAINABLE ADVANCED TECHNOLOGIES FOR ENVIRONMENTAL MANAGEMENT

(SATEM-2023) (Through Hybrid Mode)

December 20 – 22, 2023





ORGANIZED BY

Civil Engineering Department Indian Institute of Engineering Science and Technology, Shibpur (Formerly Bengal Engineering and Science University, Shibpur) Howrah – 711 103 West Bengal, India

ABOUT THE CONFERENCE

In the advent of rapid population growth industrial activity is expanding day by day. As a result, the natural resources are now under a severe stress leading to environmental degradation. The level of environmental pollution alarmingly increases, in spite of various control measures. Advanced technologies have been developed to address this problem, but those are not found to be sustainable in many cases. Skilled operational requirements and high recurring expenses also made them unsuitable for a long run. Under this situation, technological thrust needs to be given for introducing sustainable approach in the control of water, air, soil and noise pollution. Moreover, techno-economically viable methods are to be innovated for the emerging contaminants, which can cause serious threat to the environment. In order to disseminate on the above issues and to explore the research initiatives in the field of sustainable technologies, the 1st and 2nd National Conference on Sustainable Advanced Technologies for Environmental Management (SATEM-2017 and SATEM-2019) were held in 2017 and 2019 respectively.

The present international conference (SATEM–2023) is the upgraded Third version of the earlier conferences, which will be held in Hybrid (Online and Offline) mode. The conference is oriented to create an effective forum for the environmental scientists, engineers, technologist and the industry persons for sharing their research initiatives and real-life experience through oral presentation of the technical papers on relevant focus themes.

CONFERENCE THEMES

The International Conference (SATEM-2023) is planned to include the following themes.

- Sustainable Water Quality Management
- Advanced Water Treatment Technologies
- Advanced Wastewater Treatment Technologies
- Assessment and Control of Air Pollution
- Solid and Hazardous Waste Management
- Prevention of Groundwater Contamination
- Wetland Management/Phyto- and Phyco-remediation
- Case Studies in Urban and Rural Pollution Control
- Management of Emerging Contaminants
- Innovative Techniques for measuring environmental pollutants



ON

SUSTAINABLE ADVANCED TECHNOLOGIES FOR ENVIRONMENTAL MANAGEMENT (SATEM-2023) (THROUGH HYBRID MODE)

December 20 – 22, 2023

1. Name:		
2. Designation:		
3. Organization:		
4. Mailing Address:		
5. Contact Number: (Office),	(Mobi	le)
6. E-mails: (i), (ii))	
7. Educational Qualification:		
8. Paper Title & Ref. No		
9. Name of the author(s)		_
10. Mode of Presentation preferred : Physical	/ Online Platform	
Please find attached herewith the supporting	ig document of Payme	nt made
Dated:	Signature of the Ap,	plicant
Forwarded by		

(Head of the Department/Organization)

INTERNATIONAL ADVISORY COMMITTEE

Dr. Lee Blaney, Professor, Department of Chemical, Biochemical and Env. Engg., University of Maryland Baltimore County, USA

Dr. Laura Bulgariu; Professor, Department of Environmental Engineering and Management, Gheorghe Asachi Technical University of Iasi, Romania

Dr. Piet Lens, Professor of Environmental Biotechnology, Institute of Water Education, Delft, The Netherlands

Dr. Prashant Kumar, Professor of Civil and Environmental Engineering, Faculty of Engineering and Physical Sciences, University of Surrey, UK

Dr. Agamuthu Pariatamby, Professor, Jeffrey Sachs Center on Sustainable Development, Malaysia

Dr. Jules B. van Lier, Professor and Head, Sanitary Engg. Sec., Department of Water Management, Delft Univ. of Technology, Delft, The Netherlands

Dr. Joseph C. Akunna; Professor, Water and Environmental Engineering, Urban Water Technology Centre (UWTC), Abertay University, UK

Dr. Onita Basu, Professor in Environmental Engineering, Department of Civil and Environmental Engineering, Carleton University, Canada

Dr. Jerald Lalman, Professor, Department of Civil and Environmental Engineering, University of Windsor, Canada

Dr. Stuart Khan, Professor, School of Civil and Environmental Engineering, and Director, Australian Graduate School of Engineering, Australia

CONTACTS

For Registration, Sponsorship and Advertisement

Dr. Chanchal Majumder, Associate Professor

Civil Engineering Department, I.I.E.S.T., Shibpur E-mail : <u>satem-2023@hotmail.com</u>, <u>chanchal@civil.iiests.ac.in</u> Ph.:033-2668-4561 (Ext. 661); 90077 61448 (M)

For Enquiry related to Submission and Publication

Dr. Asok Adak, Associate Professor

Civil Engineering Department, I.I.E.S.T., Shibpur E-mail : <u>satem-2023@hotmail.com</u>, <u>asok@civil.iiests.ac.in</u>, Ph.:033-2668-4561 (Ext. 657); 94771 41363 (M)

ABOUT THE DEPARTMENT

The Department of Civil Engineering, as old as the Bengal Engineering College itself, is a 167 years old Engineering Department. *The then* Civil Engineering College was upgraded to the status of a full-fledged Government Engineering College with various disciplines, and renamed as the Bengal Engineering College. It was upgraded to Bengal Engineering and Science University, Shibpur and IIEST, Shibpur in 2004 and 2014 respectively. It offers Undergraduate Dual Degree and also Post Graduate program and Ph.D. program in Civil Engineering under five disciplines, viz. Structural Engineering, Geotechnical Engineering, Water Resources Engineering, Transportation Engineering and Environmental Engineering.

MODE OF CONDUCTING THE CONFERENCE

The First International Conference on Sustainable Advanced Technologies for Environmental Management (SATEM-2023) will be conducted through hybrid mode under Google Meet Platform. Participants must clearly mention his/her preference of presentation in the Registration Form. Outstation participants only may go for online paper presentation. There will be a schedule of the conference with specific Meeting Links for Online Mode. All such links will be sent to the participants in advance. Respective participants should have an active Google mail account for joining in all the sessions of the conference.

CALL FOR PAPERS

Extended Abstracts in given format are invited from Academicians, Scientists, Engineers and Research scholars in the allied field of environmental pollution control. Abstracts should be formatted in MS-Word in A4 size mentioning name and contact mail of all the authors. The Template is available in the website of the Conference, <u>https://icsatem.in</u>.

EXTENDED ABSTRACTS SHOULD BE SUBMITTED THROUGH ONLINE SYSTEM AVAILABLE IN THE CONFERENCE WEBSITE.

Important dates for Abstract and Full-length Paper submission :

Submission of Extended Abstract: September 15, 2023 Intimation of Acceptance: October 15, 2023 Submission of Full-length Paper: November 15, 2023 Deadline of Registration: November 30, 2023 The Registration Fee can be paid electronically (e-payment) through SWIFT/NEFT.

PUBLICATIONS

Extended Abstracts of all the accepted papers will be published in the Conference Proceedings with ISBN. The papers presented in technical sessions will be peer-reviewed and selected ones will be published in an ISBN Book Volume by a renowned international publisher.

REGISTRATION FEES

Delegate	Indian	Foreign Country
Research Scholar	INR 5000+18% GST	US \$ 100+18% GST
Faculty & Scientist	INR 7000+18% GST	US \$ 125+18% GST
Industry Person	INR 9000+18% GST	US \$ 150+18% GST

Registration fee covers Tea, Snacks, Lunch (3-Days) and Dinner (2-Days). It also includes Conference Kit, Proceedings, Certificates and Memento. Registration Fee may be paid in favor of "CONTINUING EDUCATION CENTRE- BESUS".

The details of Bank A/C are given below.

A/C Name : CONTINUING EDUCATION CENTRE- BESUS, *A/C No*: 1532010011963, Bank: PUNJAB NATIONAL BANK, *Branch*: BESUS, *IFSC Code*: PUNB0153220, *SWIFT CODE*: PUNBINBBXXX

ORGANIZING COMMITTEE

Patron:

Prof. Parthasarathi Chakrabarti, Director, I.I.E.S.T., Shibpur **Chairman:**

Chairman:

Prof. Ambarish Ghosh; Professor and Head Department of Civil Engineering, I.I.E.S.T., Shibpur

Executive Chairman:

Prof. Debabrata Mazumder; Professor Department of Civil Engineering, I.I.E.S.T., Shibpur

Co-Chairman:

Dr. Chanchal Majumder, Associate Professor Department of Civil Engineering, I.I.E.S.T., Shibpur Dr. Asok Adak, Associate Professor Department of Civil Engineering, I.I.E.S.T., Shibpur

Co-ordinator:

Dr. Dipankana Bhattacherjee, Assistant Professor Department of Civil Engineering, I.I.E.S.T., Shibpur

NATIONAL ADVISORY COMMITTEE

Dr. Anurag Garg, Professor Department of Environmental Science and Engg., IIT, Bombay

Dr. Anjali Pal; Professor, Department of Civil Engineering, IIT, Kharagpur

Dr. B.J. Alappat; Professor, Department of Civil Engineering, IIT, Delhi

Dr. Somnath Mukherjee; Professor, Department of Civil Engineering, Jadavpur University, Kolkata

Dr. Sunil Kumar Gupta; Professor, Department of Environmental Science and Engg., IIT (ISM), Dhanbad

Dr. Surabhi Chaudhuri; Professor, Department of Biotechnology, NIT, Durgapur

Dr. Tamal Banerjee; Professor Department of Chemical Engineering, IIT, Guwahati

Dr. Naba Kumar Mondal; Professor, Department of Environmental Science, The University of Burdwan

Dr. Jayanta Kumar Biswas; Professor, Department of Ecological Studies and International Centre for Ecological Engineering, University of Kalyani

Dr. Upendra Kumar; Professor, Department of Civil Engineering, NIT, Silchar

Dr. C. R. Ramkrishnaiha; Professor, Department of Civil Engineering, B.M.S. College of Engineering, Bengaluru