

ABOUT KOLKATA & HOWRAH

Kolkata, formerly Calcutta, is the capital city of the state of West Bengal and was the capital of British India till 1911. The city is located on the eastern bank of the river Hooghly and is well-connected with the city of Howrah, where IEST campus is situated. In Howrah, notable places of interest include the Belur Math (the headquarters of the Ramakrishna Math and Mission founded by Swami Vivekananda) and Gadiara (the point of convergence of three rivers, namely, Damodar, Rupnarayan and Hooghly). The Indian Botanical Garden, which houses the 250 year old Great Banyan Tree, is located just adjacent to the IEST campus.

ACCOMODATION

Paid accommodation can be provided to limited number of participants in the guest house on first-cum-first-serve basis. The organizing committee can, however, help the participants in finding suitable accommodation on advance request. Large number of hotels with wide range of tariffs are available in Kolkata and Howrah. For more details, visit the conference website.

HOW TO REACH

The Institute is only 15 minute drive from the heart of Kolkata, across the river Hooghly, the two being well connected via two river bridges. The train station of Howrah, which is the main gateway station to Howrah-Kolkata twin city region, is about 6 km away and the Kolkata international airport (NSC Bose International Airport) is about 30 km from the Institute.

WEATHER CONDITION

The weather in the month of December is pleasant, little cold but sunny. The sky remains mostly clear, day temperature ranging between 10°C to 20°C.

Venue

Indian Institute of Engineering Science and Technology, Shibpur (Formerly Bengal Engineering Science University, Shibpur.)
PO-Botanic Garden, Howrah - 711103, West Bengal, India.
Institute website: www.bece.ac.in

Important Dates

- Submission of full paper** : Oct 15, 2014
- Acceptance notification** : Nov 15, 2014
- Registration opens on** : Oct 15, 2014
- Early Bird Registration Till** : Nov 30, 2014

ORGANIZING COMMITTEE

Patrons

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IEST, Shibpur
Howrah, West Bengal, India

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DECEMBER 17 - 19, 2014

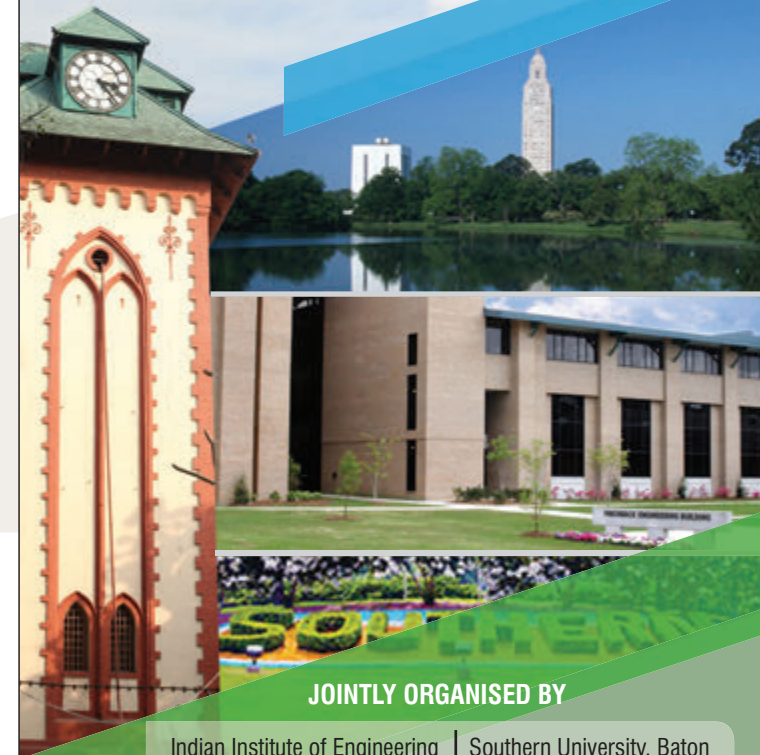
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JOINTLY ORGANISED BY

Indian Institute of Engineering
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Centre of Excellence on Microstructurally
Designed Advanced Materials
Development, IEST, Shibpur

Technical Education Quality
Improvement Program (TEQIP),
Phase II, Govt. of India

About the Conference

The 21st century technology calls for the manufacturing framework with maximum synergy in material-energy interaction. The last decade has witnessed the intertwined progress in computational and experimental methods enabling the right at first time design of multi-dimensional, multi-scale and multi-functional technological systems.

In view of the above, IEST, Shibpur and SUBR has jointly resolved to organize an International Conference on Advanced Materials and Energy Technology. The Conference aims to create a platform for handshaking among the experts engaged in the science and technology of energy and materials. The deliberations would address the emerging materials for structural, thermal protection, electrical, electronic, magnetic, optical and sensor applications. The emphasis on application of such materials in energy sector would be the priority but not the limit. Similarly, the conference would encompass the emerging scenario in the energy sector with particular emphasis on the materials related issues. A special focus would be on the emerging techniques of modeling, simulation and visualization relevant to the aforesaid domains.

The conference will have five symposia, running in parallel. For detailed information, visit the conference website.

About the Organisers

Indian Institute of Engineering Science and Technology, Shibpur is located in Howrah, West Bengal, India. It made a humble beginning way back in 1856 as Calcutta Civil Engineering College. Known for its academic finesse the institute was first accorded the status of Deemed University in 1993. It became a full fledged Institute and named as Bengal Engineering and Science University (BESU) Shibpur in 2004. Very recently, the institute has been upgraded into an Institute of National Importance and named as Indian Institute of Engineering Science and Technology, (IEST), Shibpur.

Southern University and A & M College (SUBR) is located in Baton Rouge, Louisiana, USA. It was founded in 1880. SUBR is a Carnegie Masters/Comprehensive level institution and a leader in unique academic programs, innovative research, and community service, offering four-year graduate, professional, and doctoral degree programs. The University is the flagship of the five campuses comprising the only Historically Black College and University Systems in America. SUBR has 6,800 students, 1,200 full – and part-time employees. With a faculty strength of over four hundred it offers more than 60 programs leading to the baccalaureate, master's, and doctoral Degrees.

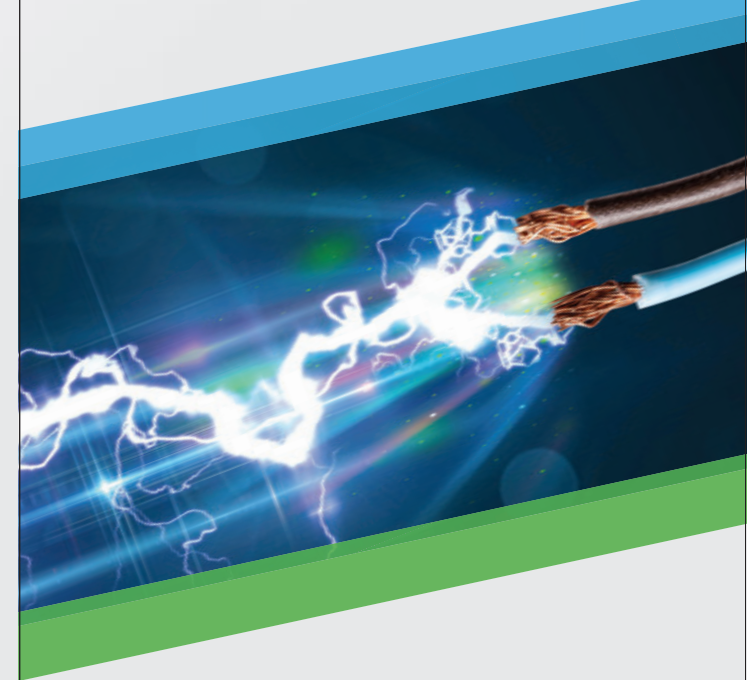
Call For Papers

Full length technical papers are invited for submission to any of the five symposia. The themes of the symposia and the topics on which papers may be submitted are available on the respective symposia pages of the conference website www.amet2014.org

For queries on submission related matters, the coordinators of the symposia may be contacted at the following email addresses.

Coordinators Of Symposia

	Coordinators	Email Id
A: Structural Materials	Dr. Debdulal Das & Prof. Swarup Kr. Ghosh	sm.icamet@gmail.com
B: Functional Materials	Prof. Mainak Sengupta & Prof. Amit Roy Choudhury	fm.icamet@gmail.com
C: Sensors	Prof. Chiroree Roy Chaudhuri & Prof. Partha Bhattacharyya	sensor.icamet@gmail.com
D: Sustainable Energy Systems	Prof. Jayati Datta & Dr. Sudip Ghosh	ses.icamet@gmail.com
E: Modeling, Simulation and Visualization	Prof. Amitava Jana & Prof. Arabinda Roy	msv.icamet@gmail.com



Review & Publication

Papers will be peer-reviewed and accepted papers will be included in a special issue of a reputed journal. Format, copyright transfer and other publishing conditions, as specified by the journal, shall apply for final camera-ready submission.

Registration

Country / Region	Type of Organization & Participation	Fees
India	Industry	₹7000.00
	Academia, R & D	₹5000.00
	*Students & Scholars	₹2000.00
SAARC	Industry, Academia, R&D	\$150
	*Students & Scholars	\$70
Other Foreign	Industry, Academia, R&D	\$250
	*Students & Scholars	\$120

Early Bird discount 10%. This is applicable all for categories.

* Only full-time regular students and scholars are eligible for discounted students and scholars fee.

Online registration will open in due course of time. Please visit conference website for updates.