

**International Webinar
on
Computational Advances for Biomedical
Engineering**

**Date: November 23-27, 2020
Venue: Google meet platform**

**Sponsored by
TEQIP-III**

Organized by



**Department of Computer Science and
Technology
&
Centre for Healthcare Science and
Technology**

**Indian Institute of Engineering
Science and Technology, Shibpur**

Focus of Discussions

- **Brain-computer Interfacing and Functional Electrical Stimulation.**
- **Computational neuroscience and biomorphic AI**
- **Image Processing**
- **Artificial intelligence and soft computing**
- **Quantitative Medical Image Analysis for Computer Aided Diagnosis Systems**
- **Deep learning**
- **ANS activity, cardiophysiology**

Who should attend...

- **Researchers, Scientists**
- **Medical professionals**
- **Students – Medical, Engineering and Science**
- **Medical diagnostic companies**
- **Biomedical Start up companies**

CONTACT

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IEST SHIBPUR

Indian Institute of Engineering Science and Technology (IEST), Shibpur was set up as the first IEST of the country by the Government of India in 2014 by converting the erstwhile Bengal Engineering and Science University, Shibpur. The institute, estd. 1856 as Bengal Engineering College, has been a premier seat of higher learning in the field of Engineering and Technology. During almost 160 years of glorious existence the institute has produced brilliant engineers and technologists who have left indelible mark in India and abroad.

**CENTRE FOR HEALTHCARE SCIENCE &
TECHNOLOGY**

The Centre for Healthcare Science and Technology at IEST, Shibpur has been introduced in year 2010 with an objective to provide interdisciplinary research and training programs encompassing the fields of modern biology, medicine, engineering, physics, chemistry and mathematics etc. to solve important problems related to public health in the society. The centre offers two full time TWO year M. Tech. programs in Biomedical Engineering and Safety and Occupational Health Engineering. The focus areas of research in centre are biomedical, instrumentation, imaging, neurobiotechnology, biomechanics and implant manufacturing, and biomaterials.

Speakers:

- Prof. Parthasarathi Chakrabarti, Honorable Director, IEST Shibpur
- Ashish Ghosh, ISI Kolkata
- Asit Kumar Das, IEST Shibpur
- Kunal Pal, NIT Rourkela
- Pabitra Mitra, IIT Kharagpur
- Jaya Sil, IEST Shibpur
- Mohan Raghvan, IIT, Hyderabad
- Samit Chakravarty, Kennesaw State University
- Santi Prasad Maity, IEST Shibpur
- Saugat Bhattacharya, Ulster University
- Sławomir Wilczyński, Śląski Uniwersytet
- Susanta Chakraborty, IEST Shibpur
- Swagatam Das, ISI Kolkata

ORGANISING COMMITTEE

Chief Patron: Prof. Parthasarathi Chakrabarti,
Director, IEST, Shibpur

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International Webinar on Computational Advances for Biomedical Engineering

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[REGISTRATION FORM](#)

Name:

Category: (Student/Faculty)

Designation:

Address:

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Phone/Mobile:

E-mail:

Signature of Delegate -----

Contact:
Dr . Ananya Barui; Email: ananya.barui@gmail.com

Call for papers:

Abstracts are invited for online presentation from researchers and students relating to the theme of the webinar. Abstract should not exceed 250 words, typed in Times New Roman, 12 font, 1.5 spacing and clearly identify authors and presenting author. Acceptance of the abstracts for Poster presentations will be communicated one week before webinar. A time slot of 10 minutes will be provided to the author for presenting the abstract in online mode. Abstracts should be submitted only by email to ananya.barui@gmail.com.



Program Schedule

Date	Session I		Session II
23.11.2020	Inauguration (10.00 am – 1.00 pm) <ul style="list-style-type: none"> • Prof. Sudip Roy, Dean Academic, IESTS • Prof. Arindam Biswas, Dean International Relations & Alumni Affairs, IESTS • Prof. Kalyan Bhar, Coordinator, TEQIP, IESTS • Prof. Asit Kumar Das, Head, CHST, IEST • Prof. Jaya Sil, CST, IESTS (11.30 am – 1:00 pm) 		Prof. Swagatam Das, ISI Kolkata (3:00pm – 4:30 pm)
24.11.2020	Prof. Samit Chakravarty, Kennesaw State University (9:30 am – 11:00 am)	Prof. Asit Kumar Das, CST, IESTS (11.00 am - 12.30 pm)	Prof. Saugat Bhattacharya, Ulster University (3:00 pm – 4:30 pm)
			Prof. Sławomir Wilczyński, Śląski Uniwersytet (4.30 pm - 6.00 pm)
25.11.2020	Prof. Santi Prasad Maity, IT, IESTS (10.30 am – 12.00 pm)	Prof. Susanta Chakraborty, CST, IESTS (12:00 pm – 1:30 pm)	Prof. Mohan Raghvan, IIT, Hyderabad (3:00 pm – 4:30 pm)
26.11.2020	Prof. Pabitra Mitra, IIT Kharagpur (10.30 am – 12.00 pm)	Prof. Parthasarathi Chakrabarti, Honorable Director, IESTS (12:00 pm – 1:30 pm)	Prof. Ashish Ghosh, ISI Kolkata (3:00 pm – 4:30 pm)
27.11.2020	Dr. Kunal Pal, NIT Rourkela (10:30 am – 12:00 pm)	Poster session (12:00 pm – 1.00 pm)	