

FINAL BULLETIN

ELITE COLLEGE OF ENGINEERING

Approved by AICTE and Affiliated to MAKAUT (Formerly WBUT)
P.O: Karnamadharpur, PS: Ghola, Sodepur, Kolkata - 700113, India

Organizes

INTERNATIONAL WEBINAR

ON

FEATURED ADVANCES IN SCIENCE AND TECHNOLOGY

(FAST - 2020)

17-21, August 2020

TOPICS COVERED :

- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Engineering Sciences
- Mechanical Engineering

About the Webinar

The webinar is looking forward to getting the Experts' knowledge on the perspective of new technology, promoting innovations and utilizing or refocusing of old ones. This forum is expected to motivate the large numbers of prospective participants to assess the challenges ahead.

Objectives

- Enhancing the technical competence of the participants by upgrading the knowledge level through Expert lectures in science and technology.
- Providing platform for participants to interact with Experts in different knowledge domains and make familiar with the latest technologies.



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Resource Persons



Prof. Dr. M. Karakouzian
Professor of Civil Engineering,
Director, International Recycled Rubber Products Initiative,
University of Nevada, Las Vegas, USA

Topic : Advances in Geotechnical Engineering



Prof. Dr. Hadi Khabbaz
Deputy Head of Research,
School of Civil and Environmental Engineering,
University of Technology Sydney, AUSTRALIA

Topic : Reducing the Adverse Effects of Expansive Soils on Roads Using Agricultural and Industrial Wastes



Er. Pallab Banerjee
BE(Elec.) MEng.Sc.(UNSW)
Sales Operations Excellence Manager
ABB Australia Pty Ltd - Electrification Business
AUSTRALIA

Topic : Harmonics and Power Factor Correction



Prof. Dr. M. K. Loganathan
Professor of Mechanical Engineering,
Associate Dean of Engineering and Technology
(Postgraduate Studies), Kaziranga University, Assam,
INDIA
Formerly, Senior Research Fellow, Chang Gung
University, TAIWAN

Topic : Renewable Energy Sources: Technologies and Key Issues



Dr Sandip N Jha
Chairman, Sandip Foundation,
INDIA

Topic : Education 4.0



Dr Sanjay Deori
Principal Scientist,
Applied Civil Engineering Division,
Northeast Institute of Science and
Technology, Council of Scientific and
Industrial Research,
Government of India

Topic : Deterioration Modelling of Flexible Pavement using HDM-4 Software



Prof. Dr Achintya Dhar
Professor of Physics
Indian Institute of Technology, Kharagpur, INDIA

Topic : Recent Advances in Organic Electronics



Prof. Agnimitra Biswas
Project Director,
Sponsored Research and Industrial Consultancy,
An MHRD-GOI Initiative,
Indian Institute of Technology, Kharagpur, INDIA

Topic : Big Data and Analytics



Prof. Dr. Santanu Das
Professor and Head,
Department of Mechanical Engineering,
Kalyani Government Engineering College,
Kalyani, West Bengal, INDIA

Topic : Advances in Technology of Grinding and the Future Trend



Prof. Dr. Jitendranath Bera
Professor,
Applied Physics Department,
Calcutta University
INDIA

Topic : Recent Advancement in Power System



Er. Amitabha Datta
Vice President,
STUP Consultants Limited, Kolkata,
INDIA

Topic : Construction of Steel Bridges With Focus on Cantilever Erection Method



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About the Institute

ELITE COLLEGE OF ENGINEERING, established in the Year 2015, esteemed as the premier engineering institute in the state of West Bengal, India was managed by Pinnacle Education Trust with an objective to facilitate the best engineering and management Education to the students and contribute towards meeting the need of skilled and technically conversant engineers and management professionals, for the country that embarked on an economic growth plan. The College is affiliated to Maulana Abul Kalam Azad University of Technology and approved by All India Council for Technical Education.

Organizing Committee

Patrons: Dr. Bazlul Haque, Director (academics & hr), ECE

Mr. Sajal Ghosh, Director (operations), ECE

Chairman: Prof. Dr. S. Basack, Principal, ECE

Convener: Prof. Dr. K. Hazra, Professor and Head, Mechanical Engineering, ECE

Organizing Secretary: Dr. Rakesh Kumar, Asso. Prof., Mechanical Engineering, ECE

Members: Mr. Sribas Sarkar, Asst. Prof., ECE

Mr. Tathagata Roy Chowdhury, Asst. Prof., ECE

Mr. Souradeep Sarkar, Asst. Prof., ECE

Mr. Gautam Das, Asst. Prof., ECE

Mrs. Dipasri Saha, Asst. Prof., ECE

Moderators: Mrs. Mahuya Dutta, Asst. Prof., EIEM

Mr. Debabrata Banerjee, Officer, ECE

Web Expert: Mr. Durga Sankar Das, Web Manager, ECE

Student Presentation Session

In the webinar, a student presentation session in any related field of advances in science and technology will be organized. Interested student participants are encouraged to submit a presentation title with the presenter's name and affiliation followed by a presentation summary within 100 words, along with a self-biography and a photograph to elite.pet.webinar@gmail.com. After initial screening, accepted presentations will be given opportunity of 5 minutes' presentation in the session and the summary with biography and photograph will be published in the Book of Synopsis. Best presentations will be awarded.

| Day | Time | | | | |
|------------------------------|---|--------------------|--|----------------|----------------------|
| | 10 AM – 11.30 AM | 11.30 AM – 12 NOON | 12 NOON – 1.30 PM | 1.30 PM – 3 PM | 3 PM – 4.30 PM |
| 17 th August 2020 | | Tea Break | Inauguration | Lunch Break | Technical Session 1 |
| 18 th August 2020 | Technical Session 2 | | Technical Session 3 | | Technical Session 4 |
| 19 th August 2020 | Technical Session 5 | | Technical Session 6 | | Technical Session 7 |
| 20 th August 2020 | Technical Session 8 | | Technical Session 9 | | Technical Session 10 |
| 21 st August 2020 | Technical Session 11 | | Student Presentation Session | | Valedictory Session |
| Technical Session # | Presentation Details | | | | |
| | Speaker | Topic / Title | | | |
| 1 | Dr Sandip N Jha, Sandip Foundation, INDIA | | Education 4.0 | | |
| 2 | Prof. Hadi Khabbaz, University of Technology, Sydney, AUSTRALIA | | Reducing Adverse Effects of Expansive Soils on Roads | | |
| 3 | Prof. M. K. Loganathan, Kaziranga University, INDIA Formerly, Researcher Chang Gung University, TAIWAN | | Renewable Energy Sources: Technologies and Key Issues | | |
| 4 | Prof. Dr. Achintya Dhar, IIT Kharagpur, INDIA | | Recent Advances in Organic Electronics. | | |
| 5 | Prof. Moses Karakouzian, University of Nevada, Las Vegas, USA | | Advances in Geotechnical Engineering | | |
| 6 | Prof. Santanu Das, Kalyani Government Engineering College, INDIA | | Advances in Technology of Grinding and the Future Trend | | |
| 7 | Prof. Agnimitra Biswas | | Big Data and Analytics | | |
| 8 | Prof. Jitendranath Bera, Calcutta University, INDIA | | Recent Advancement in Power System | | |
| 9 | Dr. Sanjay Deori, CSIR-NEIST, INDIA | | Deterioration Modelling of Flexible Pavement using HDM-4 Software | | |
| 10 | Er. Pallab Banerjee, ABB Australia Pty Ltd - Electrification Business | | Harmonics and Power Factor Correction. | | |
| 11 | Er. Amitabha Datta, STUP Consultants, INDIA | | Construction of Steel Bridges With Focus on Cantilever Erection Method | | |

NB: (1) Details of the Inaugural and Valedictory sessions will be notified later. (2) Any of the above schedule may change if necessary. Such changes, if any, shall be notified to the registered participants.

Registration

There is no registration fee to attend the webinar. However, due to web-space restriction, it is mandatory that all interested participants shall have to register using the given link: <https://forms.gle/EL3RkE8JRpYFukNk6>. Successful registration will be notified by email. The weblink of participation shall be provided to all registered participants prior to commencement of the sessions. E-certificates will be emailed to all attendees after the webinar.

For any query - Phone: +91 91233 88528 / +91 86177 15761

Email: basackdrs@hotmail.com / souradeep_sarkar@rediffmail.com

For registration scan this QR:

