

AN ONLINE SEMINAR ON

SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING SYSTEMS - ADVANCES AND CHALLENGES

On
23, 26, & 30 January 2021

at
Thapar Institute of Engineering and
Technology, Patiala



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

Organized by
Civil Engineering Department
Thapar Institute of Engineering and Technology
Patiala – 147004, Punjab, India

In collaboration with
The Institution of Civil Engineers (India)



ABOUT THE INSTITUTE



Thapar Institute of Engineering and Technology (TIET) is one of India's oldest and finest educational institutions, which provides a steady source of highly skilled talent to the nation as well as overseas. Founded in 1956 with a campus spread across sprawling 250 acres, Thapar Institute of Engineering & Technology, located in Patiala, has been a pioneer in engineering education, research and innovation.

Rated amongst the top ranked innovation-driven private universities and technical institutes in the country, TIET has been accredited with an 'A+' grade by the National Assessment and Accreditation Council (NAAC). Know us @ <http://www.thapar.edu/>

ABOUT THE DEPARTMENT

Combining years of industrial expertise and academic capabilities to deliver contemporary course works, the department of Civil Engineering at TIET is widely recognized for its long and prolific history. The department came into being in 1956 and is as old as the institute itself. Today, the department has reached to a level par excellence by way of contributing to outstanding academics, a rich legacy of alumni and facilitating the basic needs of our society through cutting edge research initiatives. Know us @ <http://ced.thapar.edu/>

THE ICE (INDIA)

The ICE (India) is committed to support and promote Civil Engineering for working professionals, managing professional ethics, and safeguarding the status of Engineers, Architects, and representing the interest of the respective profession in dealing with the Government and various other sectors of the society. More info @ <http://www.ice.net.in/>

ICE (India) is hosting an International Conference CECAR9 (Civil Engineering Conference in the Asian Region) which is a triennial international mega event of ACECC (Asian Civil Engineering Coordinating Council). The event is scheduled for 21, 22, 23 September, 2022 at Goa, India. More info @ <http://cecar9.com/>

THE SEMINAR

As a pillar industry of the national economy, there is a need to develop the Civil Engineering practice as well as pay attention to resource conservation, and promote sustainable development strategies. This seminar aims at providing a platform for learning and sharing the role of sustainable growth and the various challenges and mitigation strategies for sustainable development.

Speakers

Distinguished faculties and professionals from India and abroad.

Who Can Join

Any Faculty Member, Scientist, Research Scholar, UG/PG Student, and Industrial Professionals can join.

Venue

The seminar will be conducted online through **Zoom meeting** platform. The link will be shared only to registered persons prior to the event.





IMPORTANT DATES

23 January 2021
26 January 2021
30 January 2021



NUMBER OF SEATS

Applications will be accepted on first-cum-first serve basis



E-CERTIFICATION

E-certificates will be awarded upon completion



E-REGISTRATION

Registration is FREE, and closes on 20 January 2021, IST 17:00 HRS

PATRON

Prof. (Dr.) Prakash Gopalan
Director, TIET, Patiala, India

CHAIRPERSON

Dr. Prem Pal Bansal
Head, CED, TIET, Patiala, India

ORGANIZERS (Contact Us)

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RESOURCE PERSONS

23 JANUARY 2021

- ❖ DR. N. GOPALAKRISHNAN, Director, CSIR-CBRI, Roorkee, India
- ❖ DR. YOSHINORI FUKUBAYASHI, Associate Professor, University of Miyazaki, Japan
- ❖ DR. M. CHELLAPANDIAN, Assistant Professor, Department of Civil Engineering, Mepco Schlenk Engineering College, India
- ❖ MR. JITENDRA VYAS, Structural Consultant, TechCARE, and GRIHA Evaluator, India
- ❖ DR. ANUSH K. CHANDRAPPA, Assistant Professor, School of Infrastructure, IIT Bhubaneswar, India

26 JANUARY 2021

- ❖ DR. LUH-MAAN CHANG, Professor Emeritus, National Taiwan University, Taiwan and Purdue University, USA
- ❖ DR. SYED HUMAYUN BASHA, Associate Professor, Department of Civil Engineering, National Huaqiao University, China
- ❖ DR. R. SIVA CHIDAMBARAM, Scientist & Assistant Professor, (AcSIR), CSIR-CBRI, Roorkee, India
- ❖ DR. SAHIL BANSAL, Assistant Professor, Department of Civil Engineering, IIT Delhi, India
- ❖ DR. C. V. VEENA VENUDHARAN, Assistant Professor, Department of Civil Engineering, IIT Palakkad, India
- ❖ DR. ASIF HUSSAIN SHAH, Assistant Professor, Department of Civil Engineering, Islamic University of Science and Technology, India

30 JANUARY 2021

- ❖ DR. C.V.R. MURTY, Professor, Department of Civil Engineering, IIT Madras, India
- ❖ DR. HEMANT B. KAUSHIK, Professor, Department of Civil Engineering, IIT Guwahati, India
- ❖ DR. RAMYA SRI MULLAPUDI, Assistant Professor, Department of Civil Engineering, IIT Hyderabad, India
- ❖ DR. B. KRISHNA PRAPOORNA, Associate Professor, Department of Civil & Environmental Engineering, IIT Tirupati, India
- ❖ DR. SANDEEP CHAUDHARY, Professor, Department of Civil Engineering, IIT Indore, India
- ❖ DR. MUTHULINGAM SUBRAMANIYAN, Assistant Professor, Department of Civil Engineering, IIT Ropar, India

FOCUSSED AREAS

The talks are targeted on the following topics:

- ❖ **Recent Trends in Sustainable Growth of Structures and Infrastructure**
 - Rural Roads and Housing
 - Smart Material and Composites
 - Recent Advances in the Construction Industry
 - Nonlinear Performance Assessment
 - Engineering Reliability Estimation
 - Identification of Hazard and Vulnerability
 - Maintenance, Health Monitoring and Rehabilitation
 - Codal Provisions: How Far at Par
 - Advancement in Life-line Systems
- ❖ **Challenges and Mitigation towards Sustainable Development**
 - Socio-Economic and Environmental Impact
 - Waste Reduction, Recycle and Reuse of Materials
 - Global Warming and Climate Change
 - Stakeholders and Decision Making
 - COVID-19: A Challenge of the Decade

HOW TO JOIN

Interested participants are requested to follow the steps for joining the seminar:

STEP 1

Please get yourself registered on the following link before the closure date:

<https://forms.gle/aNXwRBWa6q98zJGZ6>

Information required for registration:

- Full Name
- Affiliation/University
- Highest Qualification
- Email Address
- WhatsApp/Contact Number

STEP 2

Join the sessions through the shared Zoom link. Details of the session (Date, Time, Speaker, joining links and password, etc.) will be shared on your registered email one day before the schedule.

NOTE

Only single registration is required to attend all the sessions of the online seminar.