

For Faculty Members, Researchers and Students

Objective of this workshop

The workshop will focus on elementary principles that underlie current and anticipated developments and research scope in the field of civil engineering. The objectives of the workshop are to:

- Explore new horizon on innovation and advances in civil engineering from distinguished researchers.
- Identify gaps, needs, and applications that hold the greatest potential of impact and capture visions for future research.

Key Speakers



Prof. D. N. Singh
IIT Bombay



Prof. Ashraf Iqbal
IIT Roorkee



Prof. V. A. Sawant
IIT Roorkee



Prof. Daijiro Mizutani,
Tohoku University
Japan



Prof. Sandeep Chaudhary
IIT Indore



Dr. Manish Goyal
IIT Indore



Dr. B Hazra
IIT Guwahati



Dr. Surender Singh
IIT Madras



Dr. Lalit Borana
IIT Indore



Dr. Saikat Sarkar
IIT Indore

Some more eminent faculties and researchers will deliver the talk.

Course Fee & Details

There is no fee for participants. Kindly register yourself at the provided link below by **5th October 2020**, 5 pm.

(e-certificate will be provided)

<https://docs.google.com/forms/d/11RZxtQ1D58Bi2oi1CoiE7n9L4lw9U2BxWxzVM7tiJeo/edit?usp=sharing>

About IIT Indore

Indian Institute of Technology Indore located in Madhya Pradesh, known as IIT Indore or IITI, is an institute of national importance established by the Government of India in 2009. IIT Indore is one of the eight new IITs, established in keeping with India's vision to become a world leader in Science and Technology and to usher in a new revolution. The institute offers different courses in Basic Sciences, Humanities and Social Sciences and Engineering



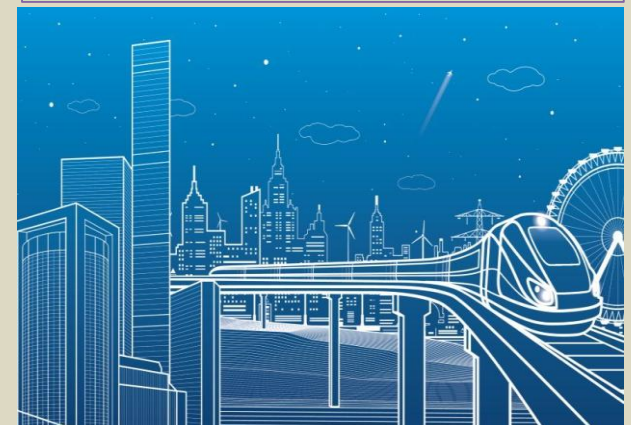
Coordinator
Dr. Abhishek Rajput
Asst. Professor, DCE
IIT Indore



Co-coordinator
Dr. Guru Prakash
Asst. Professor, DCE
IIT Indore

Course contents

- ◆ Concrete technology
- ◆ Prefabricated structural elements
- ◆ Sustainable development and modern construction materials
- ◆ Steel-concrete composite structures
- ◆ Soil improvement techniques
- ◆ Soil structure interaction
- ◆ Environmental geotechnics
- ◆ Geotechnical health monitoring
- ◆ Impact mechanics
- ◆ Strategic structures
- ◆ GIS, remote sensing
- ◆ Hydro-geoinformatics
- ◆ Structural health monitoring
- ◆ Damage detection and reliability
- ◆ Statistical signal processing
- ◆ Computational mechanics
- ◆ Crack propagation and failure of structures



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