



Indian Institute of Technology Indore  
भारतीय प्रौद्योगिकी संस्थान इन्दौर

Department of Civil Engineering

Organizes

Online One-week Short Term Course on



October 12, 2020 – October 18, 2020



Sponsored by

Quality Improvement  
Programme, AICTE

### ABOUT THE COURSE

Growing environmental concern arising from construction activities has made concept of sustainability essential for professionals and researchers. Sustainable Construction Practices include but are not limited to use of alternate raw materials, construction using indigenous products, reduction of wastage, efficient building plan design and use of green construction techniques.

This course aims to expose the environmental challenges associated with construction industry, and their management through the use of sustainable construction practices. This course will cover the use of alternate/green materials, green construction techniques, Life Cycle Assessment, circular economy, GRIHA and Building Information Modelling.

### WHO SHOULD ATTEND?

Sustainability is beneficial for all engineering applications. This makes the course important for faculties from all disciplines of engineering. The content and teaching methodology has been adopted as such, that no prior knowledge is required and participants from all walks of engineering can gain knowledge in this field. The course is mainly organized for the faculties of engineering and polytechnic colleges approved by AICTE.

**No course fee will be charged to the participants sponsored by AICTE approved institutions.**

Interested participants from other government departments and industries will need to pay a fee of Rs. 2500/- and Rs. 5000/- respectively.

### COURSE CONTENT

The short-term course aims to include the following topics:

- ✧ Sustainability in construction
- ✧ Waste utilization as a construction material
- ✧ Use of green or bio-materials
- ✧ Role of building products in sustainability
- ✧ Green buildings and their design
- ✧ Sustainability assessment methods



### CERTIFICATE

Participants who successfully complete the course will be awarded with an **e-certificate**.

### FOR CORRESPONDENCE CONTACT

Course Coordinator

**Prof. Sandeep Chaudhary**

Professor, Dept. of Civil Engineering  
Indian Institute of Technology Indore

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Phone: 0731-2438700 (O)

Extension Code – 540

### COURSE REGISTRATION

Participants need to upload a duly signed form before **October 05, 2020**.

Link for downloading registration form: [Download form](#)

Link for uploading registration form: [Upload form](#)

Participants, not from AICTE approved institutions can pay using the following link: [E-Payment](#)

Or through bank transfer:

Bank: Canara Bank;  
Branch: IIT Indore, Simrol campus

Account no.: 1476101027440  
IFS Code: CNRB0006223

For online details, visit: <http://iiti.ac.in/event> and select [Online One-week Short Term Course on Sustainable Construction Practices](#)

### ABOUT THE INSTITUTE

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.