

Short Term Course on  
**Sustainable Construction Practices**  
(October 13 - October 15, 2019)



*Sustainable Brick Manufacturing at IIT INDORE*

**Course Coordinator**  
**Prof. Sandeep Chaudhary**  
**Dr. Abhishek Rajput**



**Discipline of Civil Engineering**  
**INDIAN INSTITUTE OF TECHNOLOGY INDORE**

### **About this Course**

In present times, with increased demand in construction sector, limited availability of resources, increasing costs, and growing environmental concerns arising from construction activities Concept of Sustainability has become very 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 and benefits associated with them. Course will also cover emerging concepts like Life Cycle Assessment, Circular Economy, GRIHA and Building Information Modelling.

Course will be beneficial to beginners as well as practitioners associated with construction industry. Teaching methodology will be simple, for understanding of participants without technical background. Additionally, recent technical developments with case studies will be discussed.

### **COURSE CONTENTS:**

The lectures will cover 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

### **WHO SHOULD ATTEND?**

The program is open to faculty, research scholars and students from all the colleges and universities. Industry personnel working in the concerned/allied discipline may also apply.



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Khandwa Road, Simrol, Indore, M.P. – 453552

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**REGISTRATION FORM**

**REGISTRATION FEE:**

Following registration fee will be applicable for participants:

Rs. 8,000\* (for industry personnel)

Rs. 3,000\* (for faculty members)

Rs. 1,500\* (for students)

\*Including service tax @ 18%

The course fee includes study material, breakfast, lunch, and tea for the entire course duration.

**MODE OF PAYMENT:** Through Paytm link available on institute website.

1. Visit official institute website [www.iiti.ac.in](http://www.iiti.ac.in)
2. In website navigation pane access the following Facilities → Pay through PAYTM → for new students
3. On the left pane, titled “Pay Your Fee”, on the third option “Select Your Institute’s Area”, select “Registration for Events” from the drop-down menu.
4. On the fourth option “Select Fee Details”, select “Workshop/Conference” from the drop-down menu.
5. Fill the necessary details and proceed for payment.

**ACCOMMODATION:** Accommodation can be arranged, if required, in hostel@ Rs.250 per day subject to the availability. Limited seats are available. Participants will be selected on first-come-first serve basis. Please send request for hostel accommodation to the course coordinator.

**NUMBER OF SEATS:** 30

**IMPORTANT DATES:**

The soft copy of completely filled registration form (along with Online Payment details for the course fee) should be sent to the following e-mail ID on or before October 09, 2019.

**Address for correspondence**

Prof. Sandeep Chaudhary,  
Professor, Discipline of Civil Engineering  
Indian Institute of Technology Indore  
Khandwa Road, Simrol, Indore, MP.  
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Phone: 0731-2438700 (O) Extension Code – 540

**Name:**

**Designation:**

**Discipline/Department:**

**Institution/Organization:**

**Address:**

**E-mail id:**

**Gender:**

**Phone/Mobile No.:**

**Accommodation Required:** Yes / No

**Payment details:**

**Signature of the applicant with date:**

**Signature with seal of Nominating Authority:**