

TEQIP Short Term Course on  
**ADVANCES IN STRUCTURAL ENGINEERING**  
**February 20-24, 2017**

Organized By:  
Department of Civil Engineering, IIT Roorkee, Roorkee – 247667 (Uttarakhand)

**TOPICS:** Following topics are expected to be covered during the course.

1. Application of CFD
2. Composite Structures
3. Concrete Filled Tubes
4. Effect of Fire on Concrete Elements
5. Fracture & Fatigue Applications in Concrete
6. Long Term Deflections of Concrete Elements
7. Reliability Analysis
8. Soil Foundation Interaction
9. Statistical Quality Control in Concrete
10. Thin Walled Structures
11. Wind Resistant Design of Structures

**EXPERTS:** Following experts are likely to deliver the lectures during the course.

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| 1. Dr. J.M. Chandra Kishen, IISC Bangalore     | 8. Dr. Ashraf Iqbal, IIT Roorkee        |
| 2. Dr. Shariq, AMU, Aligarh                    | 9. Dr. Bhupinder Singh, IIT Roorkee     |
| 3. Dr. Sujit Kumar Dalui, IEST, Sibpur, Howrah | 10. Dr. Pramod Kumar Gupta, IIT Roorkee |
| 4. Dr. Sukhdeo R. Karade, CBRI, Roorkee        | 11. Dr. Priti Maheshwari, IIT Roorkee   |
| 5. Dr. Akhil Upadhyay, IIT Roorkee             | 12. Dr. Rajib Choudhury, IIT Roorkee    |
| 6. Dr. Anupam Chakrabarti, IIT Roorkee         | 13. Dr. Sonalisa Ray, IIT Roorkee       |
| 7. Dr. Ashok Kumar Ahuja, IIT Roorkee          | 14. Dr. Umesh Kumar Sharma, IIT Roorkee |

**ELIGIBILITY:** Faculty members of Engineering Institutes with Architecture and/or Civil Engineering background are eligible to attend the course.

**NO. OF PARTICIPANTS:** Limited to **40**. Admission to the course will be given on first come first serve basis.

**REGISTRATION FEE:** There is no registration fee for the course. Further, delegates will be provided with free boarding and lodging facility. However, they have to bear their own travel expenses.

**COURSE CO-ORDINATORS:**

**Dr. Ashok Kumar Ahuja**, Professor, Deptt. of Civil Engg. IIT Roorkee, Roorkee – 247667,  
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**Dr. Sonalisa Ray**, Asstt. Professor, Deptt. of Civil Engg. IIT Roorkee, Roorkee – 247667,  
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**APPLICATION FORM**

(Scanned copy of completed form may please be e-mailed to :ahujafce@iitr.ac.in latest by Feb. 15,2017)

1. Name: Ms./Mr./Dr.
2. Designation:
3. Age (years):
4. Official mailing address: (Including name of the Department, Institute, City, State and Pin Code)

5. (a) E-mail Mobile No.:
6. Highest Academic Qualification
7. Total Experience in Years:

Date:

Signature of applicant

**SPONSORSHIP CERTIFICATE**

The applicant will be permitted to participate in the above program, if selected.

Date:

Signature (Director/Principal/Head/TEQIP Co-ordinator)  
Seal of the Univ./Institute/Dept./Organization