

Short Term Course

on

Advances in Construction Materials and Methods

(Under TEQIP III)

01-05 July 2019

Organized by

Department of Civil Engineering

Coordinators

Dr. Davinder Singh

Ms. Shailja Bawa



Dr B R Ambedkar
National Institute of Technology
Jalandhar - 144011, Punjab

website: www.nitj.ac.in

ABOUT THE INSTITUTE

Dr B R Ambedkar National Institute of Technology (NIT), Jalandhar was established in the year 1987 as Regional Engineering College, was given the status of National Institute of Technology in the year 2002, and functions under the aegis of Ministry of Human Resource Development (MHRD), Government of India. As an Institute of National Importance, it imparts high quality technical education in Engineering, Technology and Science to produce competent technical manpower for the country. The institute offers Bachelor of Technology (B. Tech.) programmes in nine disciplines of Engineering and Technology along with the Research Programmes leading to Master of Technology (M.Tech.) and Doctor of Philosophy (Ph.D.) As per the survey conducted by NIRF in the year 2018, the institute was ranked 74th amongst all engineering institutions, including IITs in the country.

ABOUT THE DEPARTMENT

The Department of Civil Engineering offers B. Tech. in the discipline of Civil Engineering ever since its inception in the year 1989. The department has been offering M.Tech. Programme in Structural and Construction Engineering since 2004. The doctoral programmes in different specializations were started in the year 2006.

The Department have also been selected as 'DST-FIST Sponsored Department' by the Ministry of Science and Technology, Government of India. The Departments have established state-of-the art laboratories with sophisticated equipment for undergraduate courses and research work. The department is planning to introduce a new branch in M Tech naming 'Geo-Environmental Engineering' from the upcoming session July, 2019.

LOCATION

The institute is located at a distance of 25 km from Adampur, (Jalandhar) Airport, 12 km from Jalandhar Bus Stand, 10 km from Jalandhar City Railway Station and 16 km from Jalandhar Cantt. railway station. The Institute is located on Jalandhar – Amritsar NH-1 and is approximately 370 kms from New Delhi and 70 kms from Amritsar. The city has major road and rail connection, is a market for agricultural products and manufactures textiles, leather goods, wood products and sports goods.

PREAMBLE

The construction industry in India integrates a variety of construction materials. This highly depends on the kind of construction, which range from 'Kuccha' mud houses to modern urban infrastructures that use high-end materials. It's a time when the pressure is on all engineers, architects and contractors to optimise use of new materials and up-to-date technologies. Numerous advances in construction technology including materials, mix design, recycling, structural design, durability requirements, testing and specifications have been made. It is therefore vital for all professionals and academics involved with research to combine and share knowledge, innovative ideas and practical experiences to yield confidence in the upcoming era of research community.

OBJECTIVE OF THE COURSE

The key objective of this short term course is to integrate technology, research and innovations in Civil Engineering for the professional competency of the faculty members, PG & PhD Scholars. Our endeavour is to create awareness and provide latest techniques in the recent and innovative fields relating to construction materials and methods.

RESOURCE PERSONS

The resource persons for the course will be mostly from IIT's, NIT's, PEC and other reputed education and research organizations.

PARTICIPANTS

Faculty, PG and PhD scholars of AICTE recognized engineering institutions are eligible to apply for the course. The number of participants is limited to 40 for the course. The interested persons need to apply on the prescribed proforma by due date through proper channel.

GENERAL INFORMATION

- **NO Course fee will be charged from the participants.**
- Number of seats is limited. Shortlisted candidates will be called for the course.
- Boarding and lodging to the participants will be provided in the Institute Hostel on sharing basis.
- No TA/DA shall be paid to the participants for attending the course.
- **Last date of receiving the filled and signed registration forms: 15.06.2019.** The complete registration form should reach by speed post or email to following address.

FOR PARTICIPATION, PLEASE REGISTER WITH

Dr Davinder Singh/ Ms Shailja Bawa

Co-ordinators

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ORGANIZING COMMITTEE

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Dr. Rupali Senthil, Assistant Professor

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Dr. Rajiv Kumar, Assistant Professor

Dr. Navdeep Singh, Assistant Professor

Dr. Kanish Kapoor, Assistant Professor

Dr. Mahesh Patel, Assistant Professor

**Dr B R Ambedkar
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REGISTRATION FORM

Name:

(in capital letters)

Designation:

Department:

Organization:

Address:

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Tel/Fax:

Email:

Accommodation: Required / Not required

Signature with Date:

SPONSORSHIP CERTIFICATE

The applicant is hereby sponsored and will be permitted to attend the above short term course, if selected.

Date:

Signature and Seal
of the sponsoring authority