

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 DEPARTMENTS

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 of Mechanical engineering was founded in 1990 and has grown as one of the dynamic departments of the institute over the last two decades. The department also offers B Tech, M. Tech and PhD programs. The B. Tech program is accredited by the NBA. The Departments have also been selected as 'DST-FIST Sponsored Department' by the Ministry of Science and Technology, Government of India. The course curriculum has been designed catering to the existing and emerging needs of the industry. The Departments have established state-of-the art laboratories with sophisticated equipment for undergraduate courses and research work.

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 city has major road and rail connection, is a market for agricultural products and manufactures textiles, leather goods, wood products and sports goods. The Institute is located on Jalandhar – Amritsar

NH-1 and is approximately 370 kms from New Delhi and 70 kms from Amritsar.

PREAMBLE

Civil engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including works such as buildings, roads, bridges, canals, dams, airports, sewerage systems, pipelines, and railways. With overcrowding, resource demands are increased, and as cities grow, urban environments may face more pressure in their attempts to provide large urban populations with sustainable supportive infrastructure like food, water, and safe roads. Advanced civil engineers are needed now more than ever to provide solutions to these critical issues. Several developing innovations are currently being used around the world to improve socio-environmental sustainability. Numerous advances in concrete and technology including recycled materials, mix design, recycling, structural design, durability requirements, testing and specifications have been made. Furthermore, it is important to combine and share knowledge, innovative ideas and practical experiences to yield confidence in the upcoming era of research community.

OBJECTIVES AND THEMES

This Faculty Development Program will help to disseminate the knowledge in the domain of civil engineering in general and role of Civil Engineers with respect to construction techniques in particular. It empowers participants with the upgradation of knowledge and skill. It intends to provide opportunities to enrich the intellect and to interact with cutting-edge technologies in the fields of environmental engineering, construction engineering, geotechnical engineering, water resources engineering, transportation engineering, earthquake engineering, and GIS application resource.

- To demonstrate the latest trends in different fields of civil engineering
- To demonstrate the various field challenges and related remedies in different types of construction.
- To demonstrate various case studies in the field of urban development, sewerage, irrigation, building and road infrastructure.

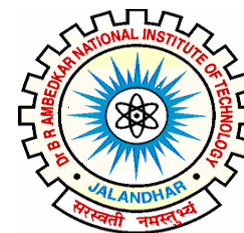
Self-Sponsored One Week Online Short-Term Course

On

Prospects of Infrastructure Development in the Construction Sector

22-26 May 2023

Organized by



Department of Civil Engineering

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

website: www.nitj.ac.in

G T Road Amritsar Bypass, Jalandhar, Punjab,
India-144027

Contact No: +91-0181-5037855, 2690301, 2690453,
3082000

INVITED EXPERTS SPEAKERS

The speakers for the course will be from various central and state government organisations, public sector units, reputed consultancy firms and research organizations:

1. Er Jitin Vasudev, Executive Engineer
2. Er Gurpreet Singh, Executive Engineer
3. Er Mandeep Singh, Executive Engineer
4. Dr Rajiv Kumar, Senior Research Scientist
5. Er Kamaldeep Arora, Executive Engineer
6. Er Charanpreet Singh, Superintending Engineer
7. Er Nitin Sharma, Senior Deputy Manager
8. Er Vishal Duggal Director, Northman Enterprises

PARTICIPANTS

Researchers, Professors (Assistant/Associate), UG and PG students, PhD Students, Research scholars of reputed technical institutions and Industry professionals are eligible to apply for the course.

REGISTRATION FEE

Registration link:

https://nitj.ac.in/events_registration/stc_pidcs/login

• Fee Details:

For Internal Participants: Rs.250

For External Participants: Rs.250 + 18% GST

After submitting the fee, the participants need to fill the mandatory google form:

Google form link:

<https://forms.gle/rZiQ4vroHEoAdiQ38>

- Last date of receiving completed Registration Forms is: **20 May 2023**
- The google meet link will be shared only with the registered participants on **21 May 2023**
- **Filling of the Google Form with proof of Paid Registration Fee is mandatory for all the participants**

ORGANIZING COMMITTEE

PATRON

Prof Binod Kumar Kanujia
Director, Dr B R Ambedkar National Institute of Technology Jalandhar-144001

CHAIRMAN

Prof (HAG) A K Agnihotri, Head (Department of Civil Engineering)
Prof (HAG) S P Singh

ADVISORY COMMITTEE

Dr H S Chore Associate Professor
Dr Davinder Singh Assistant Professor
Dr Shailja Bawa Assistant Professor
Dr Kanish Kapoor Assistant Professor
Dr Mahesh Patel Assistant Professor
Dr Senthil Kasilingam Assistant Professor
Dr Rupali Satavalekar Assistant Professor

COORDINATORS

Dr Navdeep Singh

Structural Engineering
Department of Civil Engineering
Dr B R Ambedkar National Institute of Technology
P.O. REC Jalandhar - 144027, Punjab
Mobile: 9872072662

Dr Shashi Kant Sharma

Transportation Engineering
Department of Civil Engineering
Dr B R Ambedkar National Institute of Technology
P.O. REC Jalandhar - 144027, Punjab
Mobile: 7018377403

Dr Neelam Rani

Structural Engineering
Department of Civil Engineering
Dr B R Ambedkar National Institute of Technology
P.O. REC Jalandhar - 144027, Punjab
Mobile: 7579079236

FOR PARTICIPATION, PLEASE CONTACT:

Dr Navdeep Singh

Structural Engineering
Department of Civil Engineering
Dr B R Ambedkar National Institute of Technology
P.O. REC Jalandhar - 144027, Punjab
Email: navdeeps@nitj.ac.in
Mobile: 9872072662



PUNJAB WATER SUPPLY AND
SEWERAGE BOARD



भाखड़ा ब्यास प्रबन्ध बोर्ड
आई.एस.ओ.9001, 14001 प्रमाणित बोर्ड

