

SHORT TERM HANDS-ON TRAINING PROGRAMME ON

Testing methods in Civil Engineering Construction

16th November – 20th November, 2015
(Under TEQIP Phase-II)



CONVENERS

Dr. R. K. Tripathi

Professor & HOD (Civil)

Dr. S. Bajpai

Professor & HOD (T&P)

CO-ORDINATORS

Prof. Sunny Deol. G

Dr. Laxmikant Yadu

CO-COORDINATORS

Dr. S.V. Deo

Prof. Manikant Verma

ORGANIZED BY:

**Department of Civil Engineering
National Institute of Technology
Raipur (C.G.) - 492 010, INDIA.**

Objective:

The aim of the training programme is to provide a hands-on training about conventional and state-of-art laboratory and field tests involved in various areas of Civil Engineering like Surveying, Geotechnical Engineering, Highway Engineering, Concrete Technology, and Environmental Engineering. The target participants of this training programme are laboratory technical staff, research scholars, Faculty members, and field engineers, and supporting staff of various organizations. This training programme also provides broad exposure about various state-of-art equipment in Surveying, Geotechnical Engineering, Highway Engineering, Concrete Technology, and Environmental Engineering areas.

Course Outline:

The following topics will cover in this Training Programme:

- Surveying by Auto levels, Total stations, Contouring and GPS/DGPS.
- Guidelines to carryout laboratory investigations in various laboratories like Geotechnical engineering, Highway engineering, Concrete Technology and Environmental Engineering.
- Guidelines to carryout field investigations in diverse areas of like Surveying, Geotechnical engineering, Highway engineering, Concrete Technology and Environmental Engineering.
- Demonstration of conventional and advance equipment in diverse areas and various laboratories like Surveying, Geotechnical engineering, Highway engineering, Concrete Technology and Environmental Engineering
- Laboratory and field testing practices for Soil, Aggregates, Concrete, Bitumen and Water.
- Guidelines to produce good concrete at site
- Use of Non-destructive testing equipment for Soil, Aggregates, Concrete, Bitumen and Water.
- Pavement performance evaluation procedures like functional and structural evaluation techniques using NDT and Semi-destructive testing practices.
- Discussion on latest mix design practices of fibre reinforced concrete, Bitumen mixtures, stabilized soil and Granular layers

About the Institute:

National Institute of Technology Raipur (Formerly Government Engineering College Raipur), situated in the capital of a newly incepted state of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi, Hyderabad, Kolkata, Bhopal, Ahmedabad, Bangalore, Chennai and Chandigarh by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railway station and 18 km from airport on NH-6, the Great Eastern Road.

About Department:

The Department of Civil Engineering at NIT Raipur (formerly, Government college of Engineering and Technology) is producing high quality technical manpower; required by various industrial establishments, R&D organizations, Govt. & public establishments and academic institutions since 1958. The Department offers B Tech degree in Civil Engineering and M Tech degree in Civil Engineering with specializations in Water Resources Development & Irrigation Engineering and Structural Engineering. The Department has been offering Ph.D. program in various specializations. The Department also encourages its students to engage in extra-curricular and co-curricular activities, essential for development, nurturing of team spirit, and developing organizational skills. The faculty members of the department are involved in research and consultancy activities, and they continue to enjoy academic leader role in the country. Govt. of India has recognized Civil Engineering Department as State Technical Agency for implementation of its ambitious projects of Pradhan Mantri Gram Sadak Yojana (PMGSY) & National Rural Drinking Water Programme (NRDWP).

Venue:

F-5, Department of Civil Engineering,
NIT Raipur (CG) – 492 010, INDIA

Address of Correspondence:

Coordinators

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Chief Patron

Prof (Dr)Sudarshan Tiwari
Director, NIT Raipur

Patron

Prof (Dr)S. Sanyal
Dean (Research & Consultancy,
NIT Raipur

Organizing Committee

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Prof. Istiyaq Ahamad, Asst. Professor, NIT Raipur

Prof. Mohit Jaiswal, Asst. Professor, NIT Raipur

Dr Govardhan, Asst. Professor, NIT Raipur

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Dr Sandeep Chouksey, Asst. Professor, NIT Raipur

Dr. Alfia Bano, Asst. Professor, NIT Raipur

Advisory Committee

Dr U.K. Dewangan, Professor, NIT Raipur

Dr G.D. Ramtekkar, Professor, NIT Raipur

Registration Fee

For Industry people/ Field engineers Rs. 1500/-

For Faculty Members Rs. 1000/-

For Staff & Research scholars Rs. 500/-

Note: (i) Only working Lunch and Tea will be provided

(ii) Fee is non-refundable

REGISTRATION FORM

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**Testing methods in Civil Engineering
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Organized by
Department of Civil Engineering
NIT, Raipur

Full Name (Block Letter):

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Name of College/Institution/Organization:

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Qualification:

Designation:

Address:

.....

Pin code:

Phone No.:

Mobile No.:

E-mail:

Registration Fee paid: (Yes/ No):

Amount:

Place:

Date:

Signature of the participant
