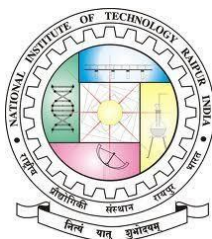


ONE WEEK HANDS-ON TRAINING PROGRAMME ON

**“Testing of Cement and Concrete for
Building and Road Applications”**

24th July – 28th July, 2023



CO-ORDINATORS

**Dr. S.V. Deo
Dr. Meena Murmu**

CO-COORDINATOR

Dr. Sunny Deol G

Co-Sponsored by



ORGANIZED BY:

**Department of Civil Engineering
NIT Raipur**

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, Concrete Technology, and Highway Engineering. The target participants of this training programme are laboratory technical staff, research scholars, Faculty members, field professionals & engineers, and supporting staff of various organizations. This training programme also provides broad exposure about various state-of-art equipment in Concrete Technology and Highway Engineering areas.

Course Outline:

The following topics will cover in this Training Programme:

- Laboratory testing of cement concrete ingredients such as cement, sand, aggregate and concrete.
- Mix design practice as per IS 10262-2019 and IRC 44-2017.
- Mix design of special concrete for Buildings, Industrial structures, bridges and pavements.
- Laboratory Testing and quality control of cement concrete using fundamental and advance equipment.
- Feld-testing and quality control of cement concrete using fundamental and advance equipment.
- Use of Non-destructive testing for Concrete in Building, Industrial structures, bridges and pavements.

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:

**Department of Civil Engineering,
NIT Raipur (CG) – 492 010, INDIA**

Address of Correspondence:

Coordinators

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Chief Patron

Prof (Dr) N.V. Ramana Rao
Director, NIT Raipur

Patron

Prof (Dr) Prabhat Diwan
Dean (Research & Consultancy),
NIT Raipur

Co-Patron

Dr G.D. Ramtekkar, Professor, NIT Raipur

Organizing Committee

Dr. L. K. Yadu, Associate Professor, NIT Raipur

Dr. Govardhan, Asst. Professor, NIT Raipur

Dr. Mohit Jaiswal, Asst. Professor, NIT Raipur

Advisory Committee

Dr R.K. Tripathi, Professor, NIT Raipur

Dr. U. K. Dewangan, Professor, NIT Raipur

Dr. Samir Bajpai, Professor, NIT Raipur

Registration Fee(including GST)

For Industry people/ Field engineers Rs. 2950/-

For Faculty Members Rs. 2360/-

For Staff & Research scholars Rs. 590/-

Name of A/c holder: Director NIT Raipur

A/c No.: 38027633250

IFSC Code: SBIN0002852

Bank & Branch: S.B.I. (NIT Raipur Branch)

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

(ii) Fee is non-refundable

REGISTRATION FORM

ONE WEEK HANDS-ON TRAINING PROGRAMME ON

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24th July – 28th July, 2023

**Organized by
Department of Civil Engineering
NIT, Raipur**

Full Name (Block Letter):

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Name of College/Institution/Organization:

.....

Qualification:

Designation:

Address:

.....

Pin code:

Phone No.:

Mobile No.:

E-mail:

Registration Fee paid: (Yes/ No):

Amount:

Place:

Date:

Signature of the participant

For Registration through Online Please follow the link
below:

<https://docs.google.com/forms/d/e/1FAIpQLSdmDmGju2SkEyH3BAJFYSS8zgtH2D2CVuZXYNKYAlOTgYnZw/vie/wform>