

## ORGANIZING COMMITTEE

<b>Patron:</b>	<b>Dr. P. Chakrabarti</b> Director, MNNIT, Allahabad
<b>Chairman:</b>	<b>Dr. A. K. Sachan</b> Professor & Head, CED
<b>Convener:</b>	<b>Dr. Rakesh Kumar</b> Associate Professor, CED
<b>Coordinator(s):</b>	<b>Dr. A. K. Sachan</b> Professor, CED <b>Dr. Kumar Venkatesh</b> Assistant Professor, CED <b>Dr. Nekram Rawal</b> Assistant Professor, CED <b>Dr. P. R. Pal</b> Assistant Professor, CED <b>Dr. Varun Singh</b> Assistant Professor, CED <b>Dr. Shalinee Shukla</b> Assistant Professor, CED
<b>Co-coordinator(s):</b>	<b>Er. Vijay Kumar</b> Assistant Professor, CED <b>Er. Anupam Rawat</b> Assistant Professor, CED <b>Er. V. P. Singh</b> Assistant Professor, CED

## For all Correspondence/Contact:

**Coordinator(s), STIPCE-2015**  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology Allahabad  
Allahabad- 211004, India  
Uttar Pradesh

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## OBJECTIVE

Summer training cum internship programme will be held in MNNIT Allahabad, Uttar Pradesh, India for four weeks. The aim of this training programme cum internship is to expertise the under graduate students in various fields of Civil Engineering. This training programme will provide the students and field engineers a clear understanding of the basic practices in the different specialization of Civil Engineering.

## PROGRAMME CONTENT

The training programme will cover the following aspects in Civil Engineering.

### BUILDING MATERIALS

1. Brick Test
2. Reinforcing Bar Test
3. Cement Test
4. Aggregate Test
5. Mix Design
6. Non-Destructive Test

### GEOTECHNICAL

1. Soil Exploration
2. Soil Classification
3. Permeability Test
4. Proctor Test
5. Shear Strength Test
6. Plate Load Test
7. Standard Pénétration Test

### TRANSPORTATION

1. Test on Road Aggregates
2. Test on Bitumen
3. Test for Bituminous Mixes
4. Test on Pavement Evaluation and Design
5. Traffic Engineering Field Studies

### ENVIRONMENT

1. Turbidity, Colour and Conductivity Analysis
2. pH, Alkalinity and Acidity Analysis
3. Hardness, Chlorides and Residual chlorine determination
4. Fluorides determination
5. Total, suspended, dissolved, volatile and fixed solids analysis
6. Biochemical oxygen demand (B.O.D.) analysis
7. Chemical oxygen demand (C.O.D.) analysis

### SURVEYING

1. Traversing
2. Levelling
3. Angle Measurements
4. Height Measurements
5. Curve Layout
6. Total Station Handling



**A Four Week Self Financed**

**Summer Training cum Internship  
Programme in Civil Engineering**

**(STIPCE-2015)**

**15<sup>th</sup> June – 12<sup>th</sup> July, 2015**



**Organized by**

**Department of Civil Engineering**  
Motilal Nehru National Institute of Technology Allahabad  
Allahabad- 211004, India

## ABOUT MNNIT ALLAHABAD

The Institute was established as Motilal Nehru Regional Engineering College in the year 1961 and was later upgraded as a National Institute of Technology with the status of Deemed University on June 26, 2002. Now, this Institute is known as Motilal Nehru National Institute of Technology. The foundation stone of the institute was laid by the first Prime Minister of India, Pt. Jawaharlal Nehru on the May 3, 1961 on a site spreading across 222 acres on the bank of the river Ganga. The Institute has very good infrastructure with state-of-art facilities in all the departments for teaching and research. Institute offers 9 UG and 22 PG programmes besides MBA, MCA, M.Sc. in Mathematics and Scientific Computing, and Masters in Social Work. Doctoral programmes are offered in various disciplines of Technology, Science, Humanities and Management. Allahabad is one of the well developed township on Kolkata-New Delhi main line of North-Eastern Railway. The nearest airports are Allahabad, Varanasi and Lucknow. Allahabad is well connected to all airport cities by convenient roads and railways.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering offers one Bachelor of Technology and five Master of Technology courses with specialization in Structural, Environmental, Geotechnical Engineering, Transportation and Environmental Geotechnology on regular basis. It also offers part-time Master of Technology course with specialization in Structural Engineering, and Computer Aided Design in Civil Engineering depending upon the number of candidates. Further, the department is a recognized QIP Centre for the post-graduate studies. The course curriculum is up-to-date, spanning disciplines that cover both traditional concepts and recent developments. A strong foundation is laid through courses on Concrete and Steel structure, Geotechnical Engineering, Environmental Engineering, Transportation Engineering, Irrigation Engineering and Computer Applications. Also, the students are offered a variety of electives like Bridge Engineering, Computer Simulation, Rock Mechanics, Operations Research etc.

## SPEAKERS/ EXPERTS

Expert faculty members from MNNIT Allahabad will deliver lectures. The experiments will be conducted in the laboratory of Civil Engineering Department, MNNIT Allahabad.

## VENUE

The training programme will be conducted in the Department of Civil Engineering Department, MNNIT, Allahabad. The inaugural is scheduled at 10:00 AM on June 15, 2015.

## ELIGIBILITY

Under graduate students pursuing B.Tech./ B.E. from the recognized Academic Institutions/ Universities. Faculty members, Field Engineers and Professionals possessing minimum qualification as Bachelor Degree in Civil Engineering are also eligible to apply.

## LIMITED SEATS

Seats are limited to 50-60 participants on first cum first serve basis.

## MATERIAL

Programme material will be provided to the students in the form of a CD-ROM.

## REGISTRATION FEE

The registration fee for the course is as follows:

(a) Students	Rs 10,000
(b) Faculty members	Rs 12,000
(c) Engineers/Professionals	Rs 15,000

Hard copy of filled and signed registration form Duly forwarded by Director/Dean/HOD of the Institute should be sent to the coordinators on or before June 10, 2015 along with the fee as per the above mentioned category through Cheque or Demand Draft in favour of "STIPCE-2015" payable at Allahabad. Registration fee may also be **Transferred Directly or Electronically** through **NEFT/RTGS** on following details: - Account Name: **STIPCE-2015**, Account Number: 718401011006564, IFSC Code: **VIJB0007184**, Bank & Branch: **VIJAYA BANK, MNNIT Allahabad, U.P.** Scanned copy of the filled form may be emailed to coordinator(s) in advance. Registration fee includes Tea, Lunch and Programme Kit.

## BOARDING AND LODGING

Boarding, lodging and travel expenses shall be borne by the participants. Limited shared accommodations may be available in the Hostels/ Executive Development Centre of the Institute on first come first served basis. Please note that accommodation fee is not included in the registration fee.

## IMPORTANT DATES

Last date of registration fee : June 10, 2015  
Date of notification of selection : June 12, 2015

**\*Last date of Registration Extended Till 11.00 AM of 15<sup>th</sup> June 2015\***

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(STIPCE-2015)

15<sup>th</sup> June – 12<sup>th</sup> July, 2015

Organized by

Department of Civil Engineering

Motilal Nehru National Institute of Technology Allahabad

Allahabad- 211004, India

## REGISTRATION FORM

1. Name: \_\_\_\_\_
2. Designation: \_\_\_\_\_
3. Date of Birth: \_\_\_\_\_
4. Category of Participation: \_\_\_\_\_  
(a) Students (b) Faculty Members (c) Engineers/Professionals
5. Organization: \_\_\_\_\_
6. Address for Communication: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Email: \_\_\_\_\_
8. Telephone/Mobile No.: \_\_\_\_\_
9. Details of Registration Fee:  
D. D. No.: \_\_\_\_\_ Date: \_\_\_\_\_  
Bank: \_\_\_\_\_  
Amount (Rs): \_\_\_\_\_

Date:

Signature of Applicant

Forwarded by

Signature & Seal