

ABOUT MNNIT ALLAHABAD

Motilal Nehru National Institute of Technology (MNNIT) Allahabad, Allahabad is an Institute with total commitment to quality and excellence in academic pursuits. It was established as one of the seventeen Reagional Engineering College of India in the year 1961 as a joint enterprise of Government of India and Government of Uttar Pradesh, and was an associated college of University of Allahabad, which is the third oldest University in India. With over 52 years of experience and achievements in the field of technical education, having traversed a long way, on June 26, 2002 MNREC was transformed into National Institute of Technology and Deemed University, fully funded by MHRD, Government of India. With the enactment of National Institutes of Technology Act-2007, the Institute has been granted the status of Institution of National Importance w.e.f. August 15, 2007. The Institute had begun with offering Bachelor Degree Programmes in Civil, Electrical and Mechanical Engineering. This Institute was the first in the country to start an undergraduate programme in Computer Science and Engineering in 1976-77. Subsequently, the undergraduate programmes in Electronics and communication Engineering, Production & Industrial Engineering, Chemical Engineering and Biotechnology were started. The first Master's Programme of the Institute was introduced by the Mechanical Engineering Department in the year 1966. In all other Engineering Departments, the Master's programmes were introduced in the year 1970-71. To add new dimensions to itself, the Institute established School of Management Studies in 1996, which offers a two year Post Graduate Degree Programme (MBA). Two state level Institutions are networked with MNNIT under TEQIP-II project.

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering was established in the year 1961. The initial intake of the undergraduate students was 30. In subsequent years the intake was increased to 70. The present sanctioned intake of B.Tech. students is 100. The present sanctioned faculty strength is 36. M.Tech. programmes in the department began in 1970 on regular basis in two streams of Structural Engineering and Soil Mechanics & Foundation Engineering. At present five M.Tech. programmes are running in the department viz. (i) Structural Engineering, (ii) Environmental Engineering, (iii) Geotechnical Engineering, (iv) Geo-environmental Engineeing and (v) Transportation Engineering with total sanctioned strength of 100. During its journey, several new courses and laboratories were developed. The department is also recognized as QIP centre for M. Tech. And Ph.D.. It also offers part-time courses for in-service engineers in the above specializations. Department also offers PhD Programme in various specializations of Civil Engineering. The Department also also provides research and consultancy services to government/non-government organizations.

Organizing Committee:

Patron	Prof. P. Chakrabarti Director, MNNIT
Chairman	Dr. A.K. Sachan Professor & Head, CED
Convener	Dr. R. K. Srivastava Professor, CED
Coordinator(s)	Dr. R.P. Tiwari & Dr. R.P. Singh Professor, CED
Co-coordinator	Er. Vijay Kumar

Local Organizing Committee

Dr. Kumar Venkatesh
Dr. H. K. Pandey
Er. V.P. Singh

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For details visit <http://www.mnnit.ac.in>

Short Term Course

on

Geotechnical Investigations for Civil Engineering Projects (GICP-2015)



Jan. 30 – Feb. 01, 2015



Organized by

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

BACKGROUND

Due to upcoming of Smart Cities and proposed fast development of Infrastructures in the country, the structures like multi-storeyed buildings, highways and flyovers, dams, tunnels, reservoirs, irrigation, water supply systems, docks & harbours etc. are to be constructed and it thus becomes essential for geotechnical engineers to know about the characteristics of the soil over which the foundations of such structures rests. One of the greatest causes of foundation failure is due to insufficient knowledge of ground conditions. Geotechnical investigations aim to reduce the uncertainty of ground conditions by various combinations of field and laboratory testing. Also, the knowledge about the determination of soil properties is beneficial to the Under Graduate, Post Graduate students, Ph.D. Scholars and Faculties to complete their academic tasks and for Practicing Civil Engineers to plan, design and execute the construction projects.

COURSE CONTENTS

1. Gradation Analysis
2. Classification of Soil
3. Atterberg's Limit
4. Light and Heavy weight Compaction Test
5. Field and Lab. determination of density of soil
6. Permeability Test
7. Shear Strength Test
8. Location Spacing and Depth of Bore Holes.
9. SCPT and SPT Test
10. Plate Load Test

WHO WILL BE BENEFITTED

The course has been designed to benefit the participants like U.G./P.G./Ph.D. students of Civil Engineering and field Engineers from Central/State government organizations.

REGISTRATION FEE

The registration fee for the course is as follows:

For Students/ Research Scholars : Rs. 1000/-
For Professionals : Rs. 3000/-
Sponsorship : Rs.10000/-

The fee is to be paid through local Cheque or demand draft in favour of **GICP-2015**, payable at Allahabad on or before **January 20, 2015** along with registration form. The participants will be intimated through e-mail or on their mobile number. Registration fee includes course kit, lunch, snacks and tea during the course.

LIMITED SEATS

Seats are limited to 30-35 participants on first cum first serve basis.

SPEAKERS/EXPERTS

The speaker constitutes faculty members/experts from MNNIT, Allahabad

VENUE

Course will be organized at the Conference Room of Department of Civil Engineering, MNNIT Allahabad and will be inaugurated at 10:30 A.M. on January 30, 2015.

ACCOMMODATION

Accommodation may be provided on advance request at Executive Development Centre, MNNIT, Allahabad to the Professionals, Faculties and Sponsors on payment basis.

IMPORTANT DATES

Last Date of Registration : **January 20, 2015**

Date of Notification of selection: **January 25, 2015.**

HOW TO REACH MNNIT ALLAHABAD

Allahabad City is well connected with rail, road and air flights to other parts of India. Daily trains and buses and flights are available from major cities in India. Domestic airport Bamrauli is 20 km and railway station Allahabad is 8 km away from the venue.

NOTE

- Scanned copy of registration form may be send through email in advance.
- A separate registration form shall be used by each individual participant.
- Incomplete registration form shall be rejected.
- No TA/DA will be provided for attending the workshop.
- Organisers have all the rights to cancel the short term course under unavoidable circumstances which will be communicated to all the participants by email/mobile no. in advance.

SHORT TERM COURSE

on

GEOTECHNICAL INVESTIGATIONS FOR CIVIL ENGINEERING PROJECTS (GICP-2015)

Jan. 30 – Feb. 01, 2015
Department of Civil Engineering
MNNIT Allahabad

REGISTRATION FORM

NAME : _____

GENDER: M / F

DESIGNATION: _____

INSTITUTION / ORGANIZATION: _____

HIGHEST QUALIFICATION: _____ EXPERIENCE: _____ Yrs.

MAILING ADDRESS :

TELEPHONE: _____

MOBILE: _____

FAX: _____

E MAIL : _____

Fee Payment : Cheque/ DD No. _____

Amount: Rs. _____ Dated _____

Date: _____ Signature of Applicant

Recommendation:

Signature of Head of the
Institution/Department/Organization with date

(Photocopy additional copies of this form, if needed)