

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 Engineering 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 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. Singh & Dr. R.P. Tiwari Professor, CED
Co-coordinator	Dr. Nekram Rawal
Local Organizing Committee	Dr. Debolina Basu Dr. H. K. Pandey Er. Vijay Kumar

Short Term Course

on

Water & Waste Water Quality Examination (WWQE-2015)



January 27 - 29, 2015

For all Correspondences/Contact:

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

BACKGROUND

With the active participation of honourable Prime Minister of India in Swachha Bharat Abhitan, it has become essential to know about the prevailing water, wastewater and air qualities and the level of pollution in our surrounding environment. Due to the fast development of infrastructures in the country and development of smart cities as well as growing industries, has resulted into massive pollution of surface as well as ground waters. Therefore, it is essential to examine the existing quality of our water resources and the pollution levels present in wastewaters, which are indiscriminately discharged into our water bodies. Therefore, it is absolutely essential to examine the water and wastewater quality in order to know the levels of pollution in our water bodies, underground waters, to assess the types and degree of treatment required, design the water and wastewater treatment plants, and safe distribution of treated water and safe disposal of treated wastewater. Keeping these facts in view, the present course on Water and Wastewater Quality Examination is framed.

COURSE CONTENTS

The course covers the following aspects related to laboratory and field investigations on water, wastewater and air samples.

- Turbidity, Colour and Conductivity Analysis
- pH, Alkalinity and Acidity Analysis
- Hardness, Chlorides and Residual chlorine determination
- Fluorides determination
- Most probable number (MPN) of coliforms Test
- Total, suspended, dissolved, volatile and fixed solids analysis
- Biochemical oxygen demand (B.O.D.) analysis
- Chemical oxygen demand (C.O.D.) analysis
- Kjeldahl nitrogen analysis
- Air pollutants (SPM and RSPM) analysis using High volume sampler
- Sound level determination using Sound level meter.

WHO WILL BE BENEFITTED

The course has been designed for the participants like U.G./P.G./PhD 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 **WWQE-2015**, payable at Allahabad on or before **January 20, 2015** along with registration form. The participants will be intimated through e-mail or their mobile number. Registration fee includes course kit, lunch and tea snacks 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 27, 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 fee : **January 20, 2015**
Date of Notification of selection : **January 25, 2015**

NOTE

- Scanned copy of registration form may be send through email in advance.
- A separate registration form shall be used by each individual participantst.
- Incomplete registration form without registration fee 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

WATER & WASTEWATER QUALITY EXAMINATION (WWQE-2015) January 27 - 29, 2015

Department of Civil Engineering
MNNIT Allahabad

REGISTRATION FORM

NAME (BLOCK LETTERS):

Gender: M / F

DESIGNATION:

INSTITUTION / ORGANIZATION: _____

Highest Qualification : _____ Experience : _____ Yrs.

MAILING ADDRESS :

TELEPHONE : _____

MOBILE: _____

FAX: _____

EMAIL : _____

Fee Payment : Mode : 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)