

ABOUT ALLAHABAD

The city of Allahabad is among the largest cities of Uttar Pradesh. It is situated at the confluence of three rivers Ganga, Yamuna and the mythological Saraswati. The sacred meeting point is known as Sangam. Allahabad city is well connected via Air, Rail and Road routes with major cities of India.

ABOUT MNNIT ALLAHABAD

Motilal Nehru National Institute of Technology Allahabad, Allahabad (MNNIT) is an Institute with total commitment to quality and excellence in academic pursuits. It was established in the year 1961 as a joint enterprise of Government of India and Government of Uttar Pradesh as MNREC, and was an associated college of University of Allahabad. On June 26, 2002 MNREC was transformed into National Institute of Technology fully funded by Government of India. The Institute has been granted the status of institution of national importance w.e.f. 15th August 2007.

ABOUT DEPARTMENTS

Chemical Engineering Department at MNNIT Allahabad was established as a new academic unit under Mechanical Engineering in 2006. The department is endowed with young, vibrant and dynamic faculty well qualified to impart high quality teaching and research in conventional and frontier areas of Chemical Engineering. The department offers B. Tech., M. Tech. and Ph.D. programs in chemical engineering. We give our best to maintain an environment that enables students to identify and pursue their personal and professional goals within an innovative educational and research program that is rigorous as well as flexible.

The Civil Engineering Department offers a Bachelor of Technology and four regular post graduate courses in Structural, Geotechnical, Environmental and Environmental Geotechnology Engineering. Department also offers PhD Programme in above specialization. The course curriculum is up-to-date which cover both traditional and recent developments. It also provides research and consultancy services to government/non-government organizations.

ORGANIZING COMMITTEE

Patron	Prof. P. Chakrabarti Director, MNNIT
Chairpersons	Prof. A.K. Sachan Professor & Head, CED Dr. Sadhana Sachan Associate Prof. & Head, CHED
Coordinators	Dr. Sushil Kumar, CHED Dr. H.K. Pandey, CED
Treasurer	Dr. Sushil Kumar
Members	Dr. Kumar Pallav Dr. Suantak Kamsonlian Dr. Shabih-UI-Hasan Er. Anupam Rawat
Advisory Committee:	Prof. R.C. Vaishya, CED Prof. R.P. Singh, CED Dr. Shivesh Sharma, BT Dr. M. Siraj Alam, CHED

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Self financed

Short Term Course

On

WATER POLLUTION AND WASTEWATER TREATMENT (WPWT-2015)

January 27-31, 2015



Organized

By

Department of Chemical Engineering
&
Department of Civil Engineering

Motilal Nehru National Institute of
Technology (MNNIT) Allahabad
Allahabad - 211004, INDIA

BACKGROUND

The world is facing increased water stress, driven by population and economic growth, land use changes, increased climate variability and change, and growing industries declining groundwater supplies and water quality. Water pollution due to toxic metals and organic compounds remains a serious environmental and public problem. Moreover, faced with more and more stringent regulations. Water pollution has also become a major source of concern and a priority for most industrial sectors. It is important to know the potential threats to source water and human beings from waste water discharged by industrial or commercial activities prior to its release into the environment. Wastewater treatment is closely related to the standards and/or expectations set for the effluent quality. Keeping these facts in view, the present course on Water and Wastewater Treatment is designed to enlighten the participants about conventional and advanced water and wastewater treatment technologies to achieve improvements in the quality of the wastewater.

COURSE OBJECTIVES

- To understand the causes of water pollution and to identify potential threats to source water from wastewater contaminations in urban areas
- To understand the mechanics of wastewater treatment
- To gain familiarity with technologies (conventional and advanced) for wastewater treatment

COURSE CONTENTS

- Concepts and sources of water pollution
- Protecting water from wastewater Contaminations
- Water pollution regulations and acts
- Introduction to wastewater treatment
- Conceptual overview of industrial wastewater treatment.
- Typical pre-treatment processes of wastewater for selected industries.
- Onsite wastewater treatment overview
- Advanced treatment technologies

REGISTRATION FEE

Students/Research Scholars: **Rs. 1,000/-**
Participants from academic institutions: **Rs. 2000/-**
Participants from the industries/govt org: **Rs. 2500/-**

The fee is to be paid through local Cheque or demand draft in favour of WPWT-2015, payable at Allahabad on or before January 24, 2015 along with registration form.

IMPORTANT DATES

Last date for receiving applications: **22nd Jan. 2015**
Notification of acceptance: **23rd Jan. 2015**

TARGET AUDIANCE

U.G./P.G./PhD students of Chemical/Civil/Environment Engineering interested to pursue research in water will be benefited. Faculty, Officers, Engineers and Scientists from Central/state government organizations working for water pollution control and management in different organisations are expected to join this course.

SPEAKERS

The speakers like faculty members from Reputed Institutes and scientists from field organisations like UPPCB and Consultants in relevant area would be invited so that sound knowledge and technical input are disseminated to the participants.

VENUE

Course will be held at the Conference Room of Chemical/Civil Engineering Department, MNNIT Allahabad. The short term course will be inaugurated at 10:30 A.M. on 27th January 2015.

ACCOMMODATION

Accommodation in the Executive Development Centre/Hostels of the Institute will be provided on payment basis with an advance request.

Self financed
Short Term Course
on
Water Pollution and Wastewater Treatment
(WPWT-2015)
January 27 - 31, 2015

Department of Chemical Engineering
MNNIT Allahabad

REGISTRATION FORM

NAME (BLOCK LETTERS):

Gender: M / F

DESIGNATION: _____

INSTITUTION / ORGANIZATION:

MAILING ADDRESS:

TELEPHONE: _____

MOBILE: _____

FAX: _____

EMAIL: _____

Highest Qualification : _____ Experience : _____ Yrs.

PAYMENT: D.D. No.: _____ Dt. _____ Rs. _____
[Demand draft should be drawn in favour of "WPWT-2015", payable at Allahabad].

Date: _____ Signature of Applicant

Recommendation

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