

## ABOUT PRAYAGRAJ

The city of Prayagraj 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. Prayagraj city is well connected via Air, Rail and Road routes with major cities of India.

## ABOUT MNNIT ALLAHABAD

Motilal Nehru National Institute of Technology (MNNIT) Allahabad, Prayagraj 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. 15<sup>th</sup> August 2007.

## ABOUT DEPARTMENT

Chemical Engineering Department at MNNIT Allahabad was established as a new academic unit under Mechanical Engineering in 2006. The department offers B. Tech., M. Tech. and Ph.D. programs in Chemical Engineering. The chemical engineering department strives to impart high quality technical education with a fine balance of fundamental knowledge, practical exposure and novel concepts. 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. We aim at educating our students to discover and disseminate knowledge through research. The department promotes research activities whose scholarly output and contribution to the community consistently meet standards of excellence. 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.

## ORGANIZING COMMITTEE

<b>Patron</b>	Prof. Rajeev Tripathi Director, MNNIT
<b>Chairperson &amp; Coordinator</b>	Dr. M. Siraj Alam
<b>Conveners</b>	Dr. Sushil Kumar, ChED Dr. Harinder Singh, ChED
<b>Coordinators</b>	Prof. Sadhana Sachan Dr. Suantak Kamsonlian Dr. Ashish N. Sawarkar Dr. Ankur Gaur Dr. Shahih Ul Hasan Dr. Dipesh S. Patle
<b>Treasurer</b>	Dr. Dipesh S. Patle

### For all Correspondence/Contact:

#### Dr. Sushil Kumar

Convener (NTWT-2019)  
Department of Chemical Engineering  
Motilal Nehru National Institute of Technology (MNNIT)  
Allahabad, Prayagraj (U P) – 211004  
Phone: +91-532- 2271583 (O)  
Mobile: +91-9455421398  
E-mail: [sushilk2006@gmail.com](mailto:sushilk2006@gmail.com)

#### Dr. Harinder Singh

Convener (NTWT-2019)  
Department of Chemical Engineering  
Motilal Nehru National Institute of Technology (MNNIT)  
Allahabad, Prayagraj (U P) – 211004  
Phone: +91-532- 2271586 (O)  
Mobile : +91-9936393111  
E-mail: [hsingh@mnnit.ac.in](mailto:hsingh@mnnit.ac.in)

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

TEQIP – III sponsored

## One Week Short Term Course

On

## NEW TRENDS IN WASTEWATER TREATMENT AND ITS REUSE (NTWT-2019)

March 12-16, 2019



Organized

by

Department of Chemical Engineering  
Motilal Nehru National Institute of  
Technology (MNNIT) Allahabad  
Prayagraj - 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 Wastewater Treatment is designed to enlighten the participants about conventional and new trends in wastewater treatment technologies to achieve improvements in the quality of the wastewater and its reusability.

## COURSE OBJECTIVES

- To understand and identify potential threats to source water from wastewater contaminations in urban areas
- To gain familiarity with technologies (conventional and advanced) for wastewater treatment
- To expose the participants to domestic and industrial waste water treatment technologies

## COURSE CONTENTS

- Protecting water from wastewater Contaminations
- Water pollution regulations and acts
- Introduction to wastewater treatment
- Conceptual overview of industrial wastewater treatment.
- Onsite wastewater treatment overview
- Advanced treatment technologies
- Case studies on domestic and industrial wastewater treatment such as tannery, textile, fertilizers (IFFCO), petroleum and dairy industries.

## REGISTRATION FEE

Students/Research Scholars: **Rs. 500/-**  
Participants from academic Institutions/ Govt. Org./ Industries: **Rs. 2000/-**  
It includes program kit, lunch, and tea during course.

Participants can make payment by depositing the registration fee through RTGS/NEFT in Account No. 718400301000349 (NTWT 2019) of Vijaya Bank MNNIT Allahabad (Branch Code: 007184; MICR Code: 211029004; IFSC Code: VIJB0007184). The payment can also be made through Demand Draft, in favour of "NTWT 2019", payable at Prayagraj.

## IMPORTANT DATES

Last date for receiving applications: **8<sup>th</sup> March 2019**  
Notification of acceptance: **9<sup>th</sup> March 2019**

## 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 from Reputed Institutes (IITs, NITs and HBTI) and Scientists/ Industrial experts from field organisations like Namami Gange, 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 MNNIT Allahabad. The short term course will be inaugurated at 10:30 A.M. on 12<sup>th</sup> March, 2019.

## ACCOMMODATION

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

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One Week Short Term Course  
On

## New Trends in Wastewater Treatment and its Reuse (NTWT-2019) March 12-16, 2019

### REGISTRATION FORM

NAME (BLOCK LETTERS): \_\_\_\_\_

Gender: M / F

DESIGNATION: \_\_\_\_\_

INSTITUTION / ORGANIZATION: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PHONE NO./MOBILE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Highest Qualification : \_\_\_\_\_ Experience : \_\_\_\_\_ Yrs

Accommodation Required: YES/NO

Type of Accommodation Required: Guest House/Hostel

Date and Time of Arrival: \_\_\_\_\_

Date & Time of Departure: \_\_\_\_\_

D.D. No./UTR No. (if NEFT): \_\_\_\_\_

Date of DD/NEFT \_\_\_\_\_

Issuing Bank Details: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Applicant

Recommendation

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