

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. The Allahabad city is also famous since long for its renowned academic institutions. This city is well connected via Air, Rail and Road routes with major cities of India.

ABOUT MNNIT ALLAHABAD

Motilal Nehru Regional Engineering College was founded by Pt. Jawahar Lal Nehru in 1961 as a joint effort of Govt. of India and Govt. of U.P. in accordance with the scheme of establishment of Regional Engineering College. It has constantly grown and crossed many milestones during its journey in more than four decades towards academic excellence. Presently, it has been reincarnated as Motilal Nehru National Institute of Technology, a Deemed University in 2002 with a view to set higher standards of academic performance, become a lead Institution with International recognition in technical education. Its basic aim is to provide the high quality technical education and research. It offers 9 undergraduate courses and 22 postgraduate courses in engineering and technology, besides MBA and MCA and Doctoral Programmes in wide areas of specialization. The institute possesses modern facilities and offers a congenial environment for research and development activities in almost all the major fields of engineering. MNNIT campus is situated on Allahabad-Lucknow highway. It is about 8 km from railway junction and 7 km from Interstate bus terminal.

ABOUT DEPARTMENT

Chemical Engineering Department at MNNIT Allahabad was established as a new academic unit in 2006. The department is endowed with young, vibrant and dynamic faculty members, well qualified to impart high quality teaching and research in conventional and frontier areas of Chemical Engineering.

ORGANIZING COMMITTEE

Patron:

Prof. Rajeev Tripathi
Director, MNNIT Allahabad

Chairperson & Convener:

Dr. M. Siraj Alam
Associate Professor & Head, ChED

Technical Chair & Convener:

Dr. Ankur Gaur

Conveners:

Prof. Sadhana Sachan
Dr. Suantak Kamsonlian
Dr. Shabih-UI Hasan

Coordinators:

Dr. Sushil Kumar
Dr. Ashish N. Sawarkar
Dr. Harinder Singh
Dr. Dipesh S. Patle

Treasurer:

Dr. Ankur Gaur

Advisory Committee:

All Deans and Heads of the Departments/Cell

For any queries, please contact:

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First Short Term Course

On INDUSTRIAL APPLICATIONS OF HEAT TRANSFER OPERATIONS (IAHTO – I: 2018)

October 10-14, 2018



**Sponsored by
TEQIP-III**

Organized by

Department of Chemical Engineering
Motilal Nehru National Institute of
Technology Allahabad
Allahabad - 211004, INDIA



ABOUT THE COURSE

Heat Transfer is an important phenomena which plays a crucial role in all aspects of Industry. The course aims to provide in-depth analysis of Industrial Aspects of Heat Transfer. This course will help professionals acquire the fundamental skills and techniques required to implement energy management. This course will also benefit researchers and students who are interested in working in this upcoming area of Heat Transfer. Course is career oriented as it includes live industrial projects.

Course Modules are

- *Basic and Advance applications of Heat Transfer operations in industry*
- *Energy Efficiency in Thermal Utilities*
- *Modeling of various Industrial Equipment's*
- *Nano-Fluid applications in Convective Heat Transfer Processes*
- *Industrial Hazards and Safety*

Highlights of course

- *Use of latest state of the art Instruments*
- *Live Industrial Projects/Industrial Visits.*
- *Case studies & discussion*
- *Technical & Business Skills Development*

After completing the Five days course, the participant will know about:

- *The basics of Heat Transfer*
- *Key application of Heat Transfer operations in Industries*
- *Application of Nano-Fluid in Heat Transfer Operations*
- *how the energy efficiency industry works, jobs and career pathways*
- *Calculations of energy savings*
- *safety management and its practices*

COURSE MATERIAL

Course material will be provided to the participants in the form of slides, lecture notes, software and e-books.

FACULTY/ SPEAKERS

Highly qualified faculty from IIT/NIT/Institutions of international repute and industry experts will jointly guide this programme.

REGISTRATION FEE

U.G. /P.G. /Ph.D. Students: ₹ 500/-
Participants from Academic Institutions: ₹ 1500/-
Participants from the Industries/Govt org: ₹ 1500/-

Registration fees includes: (Program kit, lunch, and tea during the course).

MODE OF PAYMENT

Participants can make payment by depositing the registration fee through online payment mode: NEFT/IMPS etc. in Current Account No. 71840030100329 (IAHTO-I) of Vijaya Bank MNNIT Allahabad (IFSC Code: VIJB0007184).

IMPORTANT DATES

Last date for receiving applications: **October 05, 2018**
Confirmation of participation: **October 08, 2018**

TARGETED PARTICIPANTS

U.G./P.G./ Ph.D. students of Chemical Engineering and Allied disciplines/ Civil Engineering/ Mechanical Engineering interested to pursue research will be immensely benefited. Faculty members, Engineers and Scientists from industries and academic institution/ organizations working in the area are also welcome to join this course.

VENUE

Course will be held at Chemical Engineering Department, MNNIT Allahabad.

ACCOMMODATION

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

Seats are limited and will be allotted on first come first served basis....!!

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OF
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Department of Chemical Engineering
MNNIT Allahabad

REGISTRATION FORM

NAME (BLOCK LETTERS): _____

GENDER: _____

DESIGNATION: _____

INSTITUTION / ORGANIZATION: _____

MAILING ADDRESS: _____

MOBILE: _____

EMAIL: _____

HIGHEST QUALIFICATION: _____ EXPERIENCE : _____ YRS.

PAYMENT: D.D. No.: _____ Dt. _____ Rs. _____

(Demand draft should be drawn in favour of "IAHTO-2018", payable at Allahabad)

UTR No. _____ Dt. _____ Rs. _____

(for RTGS / NEFT payment)

Date:

Signature of applicant

Note: Registration fee is non-refundable.