



Self Financed

# Workshop cum Summer Training Programme

On

## RESEARCH ASPECTS IN CHEMICAL ENGINEERING (RACE-2019)

May 24 – July 06, 2019

### ABOUT THE WORKSHOP

The workshop will be an opportunity to know the recent aspects of research in the field of chemical engineering. The workshop consists of two modules: interactions and hands on training. Students would also be exposed to state of art facilities/ equipment like XRD, SEM etc. available in the institute. The present summer training is designed to lighten the UG and PG students about latest developments in chemical engineering.

The workshop would cover both theoretical and experimental aspects of basics and advances in chemical and biochemical engineering. The institute has licensed versions of softwares such as ANSYS, MATLAB, COSMOTHERM and COMSOL.

- *Process Modeling and Simulation*
- *Process Intensification*
- *Process Optimization and Control*
- *Computational Fluid Dynamics*
- *Chemical Reaction Engineering*
- *Heat and Mass Transfer Operations*
- *Bio-chemical Engineering*
- *Separation Processes*
- *Energy & Environmental Engineering*
- *Nano-technology and Nano-materials*
- *Wastewater Treatment*
- *Industrial Hazards and Safety Management*
- *Petroleum Refining*
- *Bio-energy Engineering*



### COURSE MATERIAL

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

### ELIGIBILITY

Undergraduate and Post graduate of Chemical Engineering, Biochemical Engineering, Biotechnology, Environmental Science and Engineering, Pharmaceutical Science, Food Science and Technology, Petroleum Engineering or Allied Disciplines.

### REGISTRATION FEE

U.G. / P.G. Students: **Rs. 1000/-**

Participants can make payment by depositing the registration fee through online payment mode: NEFT/ IMPS etc. in Current Account No. 718400301000350 in the name of RACE-2019 of Vijaya Bank (MNNIT Allahabad Branch) & IFSC Code: VIJB0007184. The registration fee includes the access of infrastructure and facility of the institute/ department.

Send your CV with registration form duly forwarded by supervisor/ HOD to the address given below for screening. The selected participants will be informed to make payment through DD or online transactions. The participants will be confirmed only after receiving the payment.

### LODGING AND FOODING

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



### Organizing Committee

#### **Patron:**

*Prof. Rajeev Tripathi*  
Director, MNNIT Allahabad

#### **Chairperson & Coordinator:**

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

#### **Coordinators:**

*Prof. Sadhana Sachan*  
*Dr. Sushil Kumar*  
*Dr. Ankur Gaur*  
*Dr. Ashish N. Sawarkar*  
*Dr. Harinder Singh*  
*Dr. Suantak Kamsonlian*  
*Dr. Shabih-Ul-Hasan*  
*Dr. Dipesh S. Patle*

#### **Treasurer:**

*Convener, DUGC*

### 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. The department has well equipped labs on chemical reaction engineering, mass transfer, fluid particle mechanics and mechanical operation, process control, chemical technology computer aided design and environmental engineering

#### CONTACT ADDRESS:

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Contact no: +91-9412379090  
Email: [msalam@mnnit.ac.in](mailto:msalam@mnnit.ac.in)

#### **IMPORTANT DATES**

Last date for receiving applications: **May 10, 2019**  
Confirmation of participation: **May 15, 2019**

*Organized By*

**Department of Chemical Engineering**  
**Motilal Nehru National Institute of Technology Allahabad**  
**Prayagraj – 211004 (INDIA)**