About the Department

The Department of Chemical Engineering was commenced in the year 1988. The PG Programmes of M.Tech. in Chemical Engineering and Ph.D. was started in year 2006 and 2004 respectively. The current sanctioned strength of the B.Tech. Chemical Engineering Program and M.Tech Chemical Engineering Program is 100 and 25 respectively for Full time Courses. The Department is well equipped with good undergraduate laboratories and research laboratories. The Department aims to provide students with a balance of intellectual and practical expertise that enables them to serve the worldwide chemical industry as well as the societal needs. The curriculum has been designed to meet the programme goals and objectives that lay more stress on learning under the guidance of a vibrant and highly qualified faculty.

About Jaipur

Jaipur is a lively and vibrant city in the state of Rajasthan and is situated in Northern India at a distance of around 265 km from Delhi. Jaipur offers a multitude of interesting places and tourist attractions. There are several magnificent palaces and forts such as the Hawa mahal, Amber fort, Jaigarh fort, Nahargarh fort, Jal mahal, City place, Jantar Mantar etc., which are situated at the heart of the city. It is a city of fun, food and festivals. It is well known as the "Pink City" which is a heady mix of tradition and modernity. Jaipur is very well connected to other parts of the country through air, rail and road.

Local Accommodation

Accommodation at the Institute Guest houses will be available on payment basis. The details regarding boarding and lodging are as follows: Rates:

Guest House 1 (Limited capacity): (Single occupancy, double-bedded a/c room): Rs. 950/- per day.

Guest House 2: (Single occupancy, double-bedded a/c room): Rs. 750/- per day.

Aurobindo Boys Hostel: (Single occupancy, single-bedded non a/c room): Rs. 200/- per day .

Gargi Girls Hostel: Rs. 200/- per day (Single occupancy, single-bedded non a/c room).

Major Topic that will be focused in the workshop

- Introduction to distillation
- Application of spreadsheet for process calculations
- Design calculations for multi components distillations.
- Uses of simulator for rigorous distillation calculations
- Distillation column sizing and flow patterns
- Condenser and Reboiler sizing

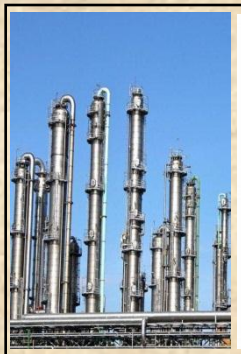
Registration fee

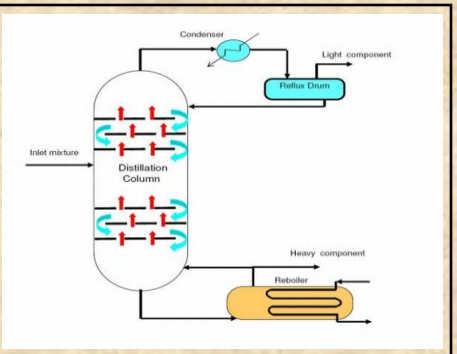
Student UG/PG/PhD Scholars	*Rs.1000*
Academician	*Rs.2500*
Industries & R&D labs	*Rs.2500*
Participants from Abroad	*$ 100*

Participants are requested to send a Demand Draft in favor of "**REGISTRAR, MNIT Jaipur**" payable at Jaipur with a print out of the filled in Registration form, by Courier/ Speed Post/ Registered **Post before 5th May, 2019** to: **Dr. Virendra Kumar Saharan, Assistant Professor, Department of Chemical Engineering, MNIT, J.L.N. Marg, Jaipur-302017, Rajasthan, India. Or** You may email a scanned copy of the DD and the signed registration form by the deadline to

Dr. Virendra Kumar Saharan
vksaharan.chem@mnit.ac.in (9549654175)

Prof. Suja George
sgeorge.chem@mnit.ac.in (9549654170)





Fundamental Design and Simulation of Distillation Column
7th – 11th May, 2019

REGISTRATION FORM

Name.....

Category (Academic/Student/Industry/R&D)

Designation: .....

Department: .....

Institution: .....

Town/City: .....

Country: .....

E-mail: .....

Mobile No: .....

Registration Fee: .....

Payment by DD in favour of "REGISTRAR, MNIT JAIPUR" payable at Jaipur. Cash/D.D. No. :

.....

Accommodation required? .....

Date: ..... Signature

About work shop

VLE and distillation distinguish a chemical engineer from others. All fresh chemical engineers coming into the industry are expected to have the basics of VLE and to an extent understand distillation fundamentals. They are then trained further in procedures to design and size equipment. This proposed workshop aims to introduce chemical engineers to the concepts of distillation column design and simulation using various software tools as well as expose them to various design configurations w.r.t. distillation column internals, flow patterns encountered and their effect on column operation and design. The course will predominantly be hands on training, with attendees being required to work through examples of distillation column design and possibly build generic, automated spreadsheets that can be reused for multiple case-studies.

About MNIT

The college was established in 1963 with the name as Malaviya Regional Engineering College, Jaipur, as a joint venture of the Government of India and the Government of Rajasthan, Subsequently; on June 26, 2002 the college has been given the status of National Institute of Technology and on 15 August 2007, Proclaimed Institute of National Importance through Act of Parliament. The Institute is fully funded by Ministry of Human Resource Development (MHRD), Government of India. More than 12,000 students have already been graduated since its establishment.

Organizing committee

Patrons

Prof. Udaykumar R Yaragatti
Director MNIT Jaipur

Chairman

Prof. Kailash Singh, MNIT Jaipur

Conveners

Dr. Virendra Kumar Saharan

Prof. Suja George

Coordinators

Dr. U.K. Arun Kumar
Dr. Dipaloy Datta
Dr. Rohidas G Bhoi
Dr. Mahendra Singh Khidiya

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MNIT, J.L.N. Marg,
Jaipur Rajasthan-302017

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A Five Days Workshop on Fundamental Design and Simulation of Distillation Column

TEQIP-3
Technical Education Quality Improvement Programme

(7^{th} -11^{th} May, 2019)

Organized by

Departments of
Chemical Engineering, MNIT Jaipur
&
Mechanical Engineering, CTAE
Udaipur

Under TEQIP-III

Malaviya National Institute of Technology Jaipur