



# Malaviya National Institute of Technology Jaipur

JLN Marg, Jaipur (Rajasthan) India - 302017

**(Technical Education Quality Improvement Program-TEQIP- III)**

## Summer Training Program (STP-2018)

15<sup>th</sup> May – 15<sup>th</sup> July, 2018

### About STP-2018

MNIT Jaipur announces call for application for 'MNIT Summer Training Program 2018' for undergraduate and post graduate students of various colleges in India. This program would be conducted at concerned departments at MNIT Jaipur, during 15<sup>th</sup> May to 15<sup>th</sup> July 2018, for various durations. This program is designed to offer applicants access to world class facilities available at MNIT Jaipur, impart state-of-art knowledge on recent industry priorities, imbibe ability of innovation, and to connect them to evolving research challenges. The program aims to bring students outside MNIT Jaipur on a high professional platform, from academic, research and industry perspective. This program has a rich blend of theory and practice, to enable fast learning and develop the necessary skill sets in the students, for making him industry-ready. MNIT Jaipur provides opportunity to outside students to work in an international environment, with support from world class faculty.

### About MNIT Jaipur

The institute, established in 1963 as Malaviya Regional Engineering College, Jaipur, was conferred the status of National Institute of Technology on June 26, 2002. Fully funded by Ministry of Human Resource Development (MHRD), Government of India, this is ranked 52<sup>nd</sup> among all engineering institutions across India for NIRF-2018 ranking. Extending into an area of over 317 acres of lush greenery, the institute campus is imaginatively laid-out with a picturesque landscape. It presents a spectacle of harmony in modern architecture, and natural beauty, which entralls and inspires everybody who visits the campus.

### Resources at MNIT Jaipur

MNIT Jaipur has highly qualified faculty, with PhD and Post-Doc from top ranked international universities. The departments and centers of excellence are equipped with state-of-art laboratory facilities and software support, with research facilities un-paralleled across India. The institute has India's largest Lecture Theatre Complex, smart classrooms, well-equipped library and NKN classrooms to connect to the world through internet. Institute offers consultancies to several government agencies and reputed industries across India. Institute regularly conducts high-value sponsored research projects for government and non-government agencies, several of them being in collaboration with international universities and industry.

### Registration Process

Students to register by clicking on the following link on or before 5<sup>th</sup> May, 2018: [CLICK HERE](#).

- Student need to fill their preference of training area.
- Selected student will be informed by concerned MNIT faculty through email.
- Fee deposition by selected students in Registrar MNIT Jaipur account through DD/NEFT. Detail to be communicated by concerned MNIT faculty.

Limited seats are available in each program, and selection would be on first come first serve basis. Last date of registration is 5<sup>th</sup> May 2018.

**Queries:** Any query, please drop an email at [teqip@mnit.ac.in](mailto:teqip@mnit.ac.in)

## List of Programs

Department/Centre	Topics/Areas	Lead Faculty	Fee per student (Inc GST @ 18%)*
<b>Chemical Engineering</b>	<a href="#">Membrane Distillation, Modeling and Simulation, Statistical Analysis, Membrane Preparation</a>	Dr. Sushant Upadhyaya	10,000
	Catalyst Development for Petroleum and Petrochemical Industry/AOPS in Wastewater Treatment	Dr. V. Subbaramaiah	10,000
	Hands on Training in MATLAB/ASPEN PLUS	Dr. V. Subbaramaiah	10,000
<b>Civil Engineering</b>	Earthquake Resistance Design	Dr. M K Shrimali	10,000
	<a href="#">Building Information Modeling Skills for construction Project Management</a>	Dr. Sandeep Srivastava	17,700
<b>Chemistry</b>	Hands on training on advance Organometallic chemistry and catalysis	Dr. Rajkumar Joshi	15,000
	Synthesis and characterizations of applied Nano materials	Dr. Rajkumar Joshi	12,000
<b>Centre for Energy and Environment</b>	Energy efficiency in air-conditioning, thermal comfort monitoring	Prof. Jyotirmay Mathur	10,000
<b>Computer Science and Engineering</b>	Development of Electronic Travel Aids for the Blind, Integrating English Language Development and Content Area Learning, Technical Writing and LATEX	Dr. Meenakshi Tripathi	10,000
	IOT and WSN, Ethical Hacking, Language Lab Software Development, Technical Writing and Latex	Dr. Meenakshi Tripathi	10,000
<b>Electrical Engineering</b>	Different Applications of Signal Processing in Image Processing and Machine Learning	Dr. Hemant Kumar Meena	10,000
	<a href="#">Robotics, Machine Intelligence, Power Electronics</a>	Dr. Rajesh Kumar	10,000
	<a href="#">Design, Modeling &amp; Implementation of Power Electronic Circuit for Harnessing Renewable Energy Sources</a>	Dr. Arun Kumar Verma	10,000
<b>Electronics and Communication Engineering</b>	<a href="#">Digital IC Design</a>	Dr. Amit M Joshi,	10,000
	Design and Development of Electronic Devices/Circuits and Their Applications	Dr. Chitrakant Sahu	10,000
<b>Management Studies</b>	Application of IBM SPSS, SmartPLS and AMOS for Management Research	Dr. Divesh Kumar	10,000
	Data analytics using MS Excel	Dr. Deepak Verma	10,000
	<a href="#">Finance for Non Finance Professionals</a>	Dr. Satish Kumar	10,000
<b>Mathematics</b>	<a href="#">Mathematical Modelling, Computation and Analysis</a>	Dr. Ritu Agarwal	10,000
<b>Mechanical Engineering</b>	Computational and Experimental Analysis in Industrial Applications in Mechanical Engineering	Dr. Amar Patnaik	18,000
	<a href="#">AUTOCAD (2d), Solid Modelling (3d) and Finite Element Analysis</a>	Dr. Dinesh Kumar	15,000
	<a href="#">Theory and Practice of Advanced Manufacturing &amp; Mechatronics Technologies</a>	Dr. Harlal Singh Mali	18,000
<b>Physics</b>	Kinematics and Dynamics of Mechanisms, Machines and Industrial Robots	Dr. Himanshu Chaudhary	15,000
	Proton Therapy and Its Applications (Geant4 Simulation & Modeling)	Dr. Kavita Lalwani	10,000
<b>Materials Research Centre</b>	Experimental Techniques in High Energy Physics	Dr. Kavita Lalwani	10,000
	<a href="#">Growth and characterization of Thin Films</a>	Dr. Kanupriya Sachdev	20,000
	<a href="#">Analytical Techniques for Materials Characterization</a>	Dr. Kanupriya Sachdev	20,000

\* Fee do not include cost of accommodation and food.