

PROGRAM COMMITTEE

Patron

Prof. NP Padhy, Director, MNIT Jaipur

Head of the Department

Prof. Himanshu Chaudhary

Coordinator

Dr. Gunjan Soni, Dr. ML Meena, Dr. Rajeev Agarwal
Mechanical Engineering Department, MNIT- Jaipur

REGISTRATION FEES

Participants from Industry	: Rs. 5000/-
Institutional Participants / Faculty Members	: Rs. 1000/-
Students and Research Fellow	: Rs. 500/-
Faculty of MNIT & IIIE members	: Rs. 500/-
Students of MNIT	: Nil

SCOPE OF STTP

In the celebration of diamond jubilee, the Department of Mechanical Engineering is organizing a five day STTP on "Intelligent Automation in Manufacturing" offering a comprehensive curriculum designed to equip participants with the knowledge and skills needed to excel in modern manufacturing environments. The program covers foundational concepts of Industry 4.0, intelligent automation, hands-on practice in factory simulation and AI-based sensor technologies. Participants gain practical experience through demonstrations of Industry 4.0 enabled assembly lines showcasing successful implementations. The curriculum also explores emerging trends and technologies shaping the future of manufacturing, with opportunities for hands-on projects and collaborative learning. The participants will receive certification and guidance for further professional development in this rapidly evolving field. The program aims to empower participants with the tools and insights necessary to thrive in the era of intelligent manufacturing.



Malaviya National Institute of Technology Jaipur is one of the NITs established in Jaipur known as Pink City. Institute was established as a joint venture of the Government of India and the Government of Rajasthan in 1963. MNIT campus spreads over 325 acres of lush green area in the central location of Jaipur city. At present the Institute offers undergraduate and post graduate courses (M.Tech./M.Sc. & Ph.D.) to about 4500 students in almost all leading fields of engineering, technology, management and sciences. The Institute has renowned faculty and labs with state of the art equipment. The institute is actively engaged in research, consultancy and developmental activities besides imparting regular teaching.

How to Reach MNIT

Jaipur is well connected by road, rail and air services. It is about 270 kms from Delhi. MNIT Jaipur is situated on Jawaharlal Lal Nehru Marg and is about 9 kms each from main railway station of Jaipur and from Central Bus Stand (Sindhi Camp). Airport (located at Sanganer) is about 5 kms away from the institute.

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

ANNOUNCES

Short Term Training Programme (STTP)



Intelligent Automation in Manufacturing

in collaboration with

**Indian Institution of Industrial Engineering,
Mumbai- Jaipur chapter**



(26th March – 30th March, 2024)

ABOUT MECHANICAL ENGG. DEPTT.

Mechanical engineering department started functioning in 1963 at the start of the institute. The department offers a four year course leading to the Bachelor's Degree in Mechanical Engineering. It also offers post graduate programs leading to M. Tech in Production Engineering, Industrial Engineering, Design Engineering and Thermal engineering. Department also offers Ph. D programme in various specializations of the Mechanical Engineering. Department is equipped with state of the art labs to support the UG, PG and Research Programs. Department also offers Ph.D programme in various specializations of the Mechanical Engineering.

COURSE CONTENTS

- Simulation of factory operations with Witness horizon software
- Use of AI toolkit with Arduino based sensor modules including vibration measurement, sound measurement, ultrasonics etc.
- Hands on experience on Industry 4.0 enabled flexible manufacturing system
- Hands on experience on use of Augmented reality in a manufacturing system



EXPERTS

The lectures will be delivered by a pool of experts from industry and academia.

Who Should Attend?

Faculty of engineering & management Institutions at Degree /Diploma levels, PG students, research scholars can benefit from this training programme. **It is mandatory that research scholars and M.Tech. students must provide a copy of their identity card with registration form.**

IMPORTANT DATES

Last date of Registration with Fees: 20th March,2024

ACCOMODATION

Limited accomodation in faculty guest house may be available on first come first serve basis.

Visit for details: <https://guesthouse.mnit.ac.in/>

REGISTRATION FORM

Google form: <https://tinyurl.com/sjvc69u6>

BANK DETAILS for Reg. Fee

Account Number: 676801700388

Account Name: Registrar (Sponsored research)

Bank Name: ICICI bank Ltd.

Branch: MNIT Jaipur

IFSC Code: ICIC0006768

Contact person:

Dr. Gunjan Soni

Asso. Prof., Dept. of Mechanical Engineering,

MNIT Jaipur

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