



# Hybrid



## Certificate Course on

# Digital Manufacturing Using Siemens Tecnomatix

### Duration and Structure:

Certificate Course on Digital Manufacturing Using Siemens Tecnomatix (100 hours)

Proposed Maximum Duration: 3 months

### Program Highlights:

- Hybrid Delivery
- No GATE Score Required
- Flexible Learning Options
- Experienced Faculty
- Industry-Relevant Curriculum
- Practical Hands-On Experience
- VNIT Certificate
- Placement Support
- Alumni Benefits
- Earn Certificate Without Leaving Your Job

• Frequent Visit to VNIT

### Target Audience:

- Diploma/ B.Tech (Any branch) (2nd Year Completed), M.Tech (Electrical, Electronics, Mechanical, and related branches) (First Semester Completed).
- Bonafide students of VNIT Nagpur are not eligible
- Working professionals

### Fee Structure:

Admission fee (one time): **Rs. 15000 + 18% GST**

Course Fee: **+ Rs. 20000 + 18% GST**

### Course offerings:

#### Process and Plant Simulation

- Tecnomatix Process simulate:: Identify basic concepts for Process Simulate (on eMS) Standalone, Identify Process Simulate basics, Detect collisions,, Define basic kinematics in Process Simulate, Define basic robot kinematics, Define advanced kinematics, rails, gantries, and positioners, Define robotic material handling paths,

- Tecnomatix Plant simulate: Basic Plant Simulation interface, Object-oriented modeling strategies, Basics of material flow objects, Hierarchy and inheritance, Navigation and structure of the 3D Window

- Tecnomatix Human Simulation: Identify the human model and human simulation options, Create basic human operation, Create human operations using Task Simulation Builder, Create and view ergonomic reports

### Important Dates:

- Applications Start: 24th July, 2023
- Last Date To Apply: 25th August, 2023
- Test / Interview by: 31st August, 2023
- Classes Start (Tentative): 7th September, 2023

**Application process:** If you are interested, please fill out the application form by clicking on the following link [[Click Here](#)]. Alternatively, you can also scan the QR code provided.

For more details, please visit our website: [<https://vnit.ac.in/admission>]



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