

Advanced Manufacturing Laboratory – Siemens Centre of Excellence (SCoE)

About the Laboratory

- **Advanced Manufacturing lab** comprises of Siemens software (Tecnomatix Plant Simulation, Tecnomatix Robot Expert) to integrate manufacturing processes between actual and virtual.
- The Lab is equipped to perform various simulations and test runs to increase plant efficiency.
- Creating 3D virtual working model of factory layout design, conduct process digitization, optimize various functional aspects of industry is possible.

Faculty In-Charge

Dr. Ravi Pratap Singh

Technical Staff

Mr. Gaurav Dhiman

Major Equipment/Software

S. No.	Name of Major Equipment/Software	Quantity	Utilization
1	Dell OptiPlex 3070 Desktops	31	B.Tech./M.Tech.
2	Tecnomatix Plant Simulation 15.0	—	B.Tech./M.Tech.
3	Tecnomatix Robot Expert 15.0	—	B.Tech./M.Tech.
4	Siemens Jack 9.0	—	B.Tech./M.Tech.
5	Tecnomatix RobCAD 11.0	—	B.Tech./M.Tech.
6	Siemens Preactor APS 2016 R5	—	B.Tech./M.Tech.
7	Teamcenter Manufacturing 12.2	—	B.Tech./M.Tech.

Laboratory Photographs

