

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 (B.Tech./M.Tech.)
1	Dell Optiplex 3070 Desktops	31	B.Tech/M.Tech
2	Tecnomatix Plant Simulatio 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 2016r5		B.Tech/M.Tech
7	Team Centre-Manufacturing 12.2		B.Tech/M.Tech

Laboratory Photographs

