

Facilities

A Wi-Fi enabled laboratory with 24x7 Uninterrupted Power Supply (UPS) has been established with the following facilities:

Name of major equipment purchased	Purpose of the equipment
3D Printers	Rapid Prototyping
Lathe & Milling Machine	For subtractive manufacturing/prototyping tasks
Haptic Device	Demonstration and teaching of Haptics to students
PCs	Internet Browsing and office work
Workstations	Simulations and Computations
Digital and Analog Oscilloscopes, Function Generators, Digital Power Supplies,	Electronic Measurements and Experimentation
Soldering Stations	Soldering and De-soldering
Microcontroller development boards and kits	Development and Learning of Embedded Systems
Data Acquisition Cards	Real Time Data Acquisition and transfer the data to PCs
6-DOF Serial Robot	Teaching Robot Dynamics to students
ANSYS (Software)	Simulations related to Computational Fluid Dynamics and Computational Electromagnetics
SIMPLIFY 3D (Software)	Automatic generation of support structures for overhanging/hollow 3D printable CAD models