

## CAD & SIMULATION LAB

Name of Lab. Incharge - I/II: Dr.Chatwant Singh Pandher /

Er. Lakhvir Singh Khana

Name of Lab Technician: Er. Harjeet Singh

Name of Lab Attendant: Mr. Varinderjit Singh

### LIST OF MAJOR EQUIPMENTS:

S. No.	Name of Equipment	Cost	Funding agency
1	MTab XLMill CNC Milling Machine	Rs. 8,81,204/-	TEQIP-II
2	3D Printers (Ender) - (Nos.-02)	Rs. 93,456/-	GNDEC
3	Swansoft CNC Simulator	Rs. 2,99,892/-	GNDEC
4	Solidworks (No. of seats-30)	Rs. 4,99,440/-	TEQIP-II
5	NCG CAM Software	Rs. 4,83,710/-	TEQIP-II
6	Desktop Computers -(Nos.-30)	-----	TEQIP- III

### Courses Undertaken in the Lab:

1. Machine Drawing and Computer Aided Design (PCME-104)- 3rd Semester
2. MODERN MANUFACTURING PROCESS LAB (LPCME-107) - 4th Semester



Figure 1: MTAB XL MILL



Figure 2: 3D Printer



Figure 3: CAD and Simulation Lab.