






## MANUFACTURING WORKSHOP

Sr. No.	Machine	Specification	Quantity	Photo
1	CNC EDM Wire- Cut Model- Electronica Sprint cut	Table Size: 350 x 500 mm , Main Table Travel,= X=300 mm, Y=200 mm, Z=200 mm, Taper Cutting+35 Deg./50mm Software: ELCAM	1	
2	CNC Turning Centre Model-ACE Apollo	Max Dia : 110mm, Max machining length : 224 mm, Control: Fanuc	1	
3	CNC Milling Centre Model-Macpower V855	X axis Travel- 850mm, Y axis Travel- 500mm, Z axis Travel-500mm with Table Size 500X1000 mm , Control: Fanuc	1	
4	3D-Printer Model-Figure 4 standalone 3DS system	Direct Light Projection (DLP), Build Volume (XYZ):124.8X70.2X196 mm. Resolution 1920x1080 Pixel, Wavelength 405nm	1	
5	5-Axis Model-Hass UMC 500SS	X Axis Travel-610 mm Y Axis Travel-406 mm Z Axis Travel-406 mm B Axis-Tilt-120 deg. To -35 deg. C Axis Rotation -360 deg. Platter Dia-400mm	1	
6	Industry 4.0 Model-MMS	Feeder station , Inspection station, Buffer Station, Process Station, Robot Station, Assembly Station, Sorting Station	1	
7	Lathe Machine	Maximum Turning Length = 800 mm, Max turning Dia=150 mm, Bed length= 1700 mm , Bed width= 244	2	
8	Knee Type Milling Machine	Work Area = 800 x 265 x 400 mm	1	

9	Knee Type Universal Milling Machine	Work Area = 800 x 265 x 400 mm, Arbor Size= 27 mm	1	
10	Pedestal Grinder	RPM=2800	2	
11	Pillar Drill Machine	Drilling Capacity = 20 mm	2	
12	Shaper Machine	Stroke Length=450 mm, RAM Length =840mm	1	
13	Hydraulic Surface Grinder	Working Table 400mm x 150 mm, Longitudinal traverse 400 mm cross traverse 180 mm.	1	

### CAD/CAM/ CNC LAB

Sr. No.	Software	Version	Quantity
<b>CAD</b>			
1	AutoCAD Mechanical	2022	15
4	Solid works	2021	15
5	NX Unigraphics	2021	15
6	Creo	4	100
<b>CAM</b>			
1	MasterCAM	2021	15
2	NX CAM	2021	15
3	Solidworks CAM	2020	15
<b>CNC</b>			
1	Pico CNC Simulator	-	20