

## LIST OF MACHINES IN TRAINING SECTION

SR. NO.	DESCRIPTION	MAKE MODEL	Qty.	SPECIFICATIONS
1	CNC MACHINING CENTRE	DECKEL- MAHO 50 T	01	X 500, Y 400, Z 400 MM    RPM 10 – 9000 MAX. LOAD 200 KG        HEIDENHAIN TNC
	CNC MILLING MACHINE	HASS – TM 1	04	X=762 MM. Y=400MM        RPM 1800 HASS CONTROL
2	CNC LATHE MACHINE	HAAS – TL1	04	X 203 Z 762 MM                RPM 2000 HASS CONTROL
3	CNC WIRE CUT	ELECTRONICA ECO CUT	02	X 250, Y 200, Z 200 MM    ELECTRONICA CONTROL
4	CNC SPARK EROSION	ELECTRONICA XPERT 1	01	X 400 MM, Y 300 MM, Z 300 MM MAX. LOAD 1000 KG
5	ZNC SPARK EROSION	ELECTRONICA SMART ZNC	01	X 250 MM, Y 200 MM, Z 250 MM MAX. LOAD 1000 KG
6	UNIVERSAL MILLING	MIKRON WF 3 SA	01	X 500 Y 500 Z 380 MM        RPM 20 – 2240 HEIDENHAIN TNC
7	CONVENTIONAL LATHES	GEDEE WEILER LZ 350	06	SWING DIA 350 X CENTRE DIA 825
		KIRLOSKAR ENTERPRISE 380	04	SWING DIA 380 X CENTRE DIA 1000
		KIRLOSKAR ENTERPRISE 355	04	SWING DIA 355 X CENTRE DIA 750
		PIONEER 175	05	SWING DIA 350 X CENTRE DIA 750
		HMT NL 22	01	SWING DIA 500 X CENTRE DIA 1500
8	CONVENTIONAL MILLING	BFW UF 2	01	X 1350 Y 315 Z 250 MM        RPM 45 - 3200
		VF 2	05	X 1350 Y 315 Z 250 MM        RPM 45 - 3200
		VF 1	11	X 1245 Y 250 Z 230 MM        RPM 45 - 3200
		HMT FN 1U	02	X 1350 Y 800 Z 315 MM        RPM 45 - 2000
		HMT M1 TR	01	X 1070 Y 230 Z 760 MM        RPM 60 - 2200
9	PRECISION SURFACE GRINDER	PROTH PSGS3060BH	01	TABLE SIZE 600 X 300 MM
		KENT	01	TABLE SIZE 500 X 200 MM
10	SURFACE GRINDER	KIRLOSKAR	02	TABLE SIZE 700 X 350 MM
		ELB INDIA	01	TABLE SIZE 300 X 150 MM
11	CYLINDRICAL GRINDER	HMT K130	02	φ 125 MM MAX. DIA GROUND MAX. GRINDING LENGTH 550 MM
		PARISHUDH	01	φ130 MM X 1400 MM, TABLE TRAVEL 450 CENTRE HEIGHT 100 MM
12	SPARK EROSION MACHINE	MMT / VIDYUT SY / SP	01	X 250, Y 150, Z 200 MM, MAX. LOAD - 500KG.
13	3D PANTOGRAPH ENGRAVING	PRECISION ENGG. / MH 45R	01	X 160, Y 305 MM                RPM 450 – 10000 CLAMPING AREA 320 X 450 MM
14	HYDRAULIC TRAINING KIT	FESTO (DUAL STATION)	02	--
15	PNEUMATIC TRAINING KIT	FESTO (DUAL STATION)	02	--
16	PLC	ALLEN BRADELY	01	-
17	TOOL & CUTTER GRINDER	PRAGA 3197	01	RPM 3600 - 5000
18	SINGLE LIP CUTTER	KIRBA	02	
19	SHAPER	RK	01	X 500 Y 350 Z 760 MM
20	PRESS / INJECTION MOULDING	OEGLASS	01	250 KGS

- **CAD CAM CAE / CNC MACHINING LABS**

- CAD LABS – 08
- CAM LABS – 02
- CAE LAB – 01
- CNC MACHINING LAB – 05
- CNC PROGRAMING LAB – 02
- CNC SIMULATOR LAB - 02
- COMPUTER HARDWARE MAINTENANCE LAB – 01
- ADVANCE NETWORKING LAB – 02
- INTERNET LAB – 01
- METROLOGY LAB - 01

- **HIGH END CAD CAM CAE SOFTWARES**

**PRODUCT CONCEPTUALIZATION, PRODUCT DEVELOPMENT, REVERSE ENGINEERING IS DONE WITH LATEST & UPDATED VERSION OF SOFTWARES LIKE**

- **CAD**

- UNIGRAPHICS - NX7/7.5
- PRO-E - WILD FIRE 5.0
- CATIA - V5 R19
- SOLIDWORKS - 2010
- INVENTOR - 9
- MDT - 6
- AUTOCAD - 2010

- **CAM**

- UNIGRAPHICS - NX7/7.5
- MASTERCAM – X<sup>4</sup>
- DELCAM – 2010

- **CAE**

- ANSYS – 12.0
- HYPERMESH - 10.0
- NASTRAN
- MOLD FLOW – MPA - 4.0
- COSMOS
- PRO PLASTIC ADVISOR

- **CNC PROGRAMMING & MACHINING**

- MTS