

DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
LIST OF EQUIPMENT

Machine Tools Lab

S.NO	Name of The Equipment/Make/Model No	Qty	Unit Price	Total amount (In Rupees)
1	Hydraulic power hacksaw Make: Veekay Model No: VK-8	1	51524	51524
2	Light duty 4 ½” Lathe machine (with accessories) Make: Raman Model No:	1	90138	90138
3	All geared precision lathe machine (with accessories) Make: Nagmati Model No: GNM-1	3	195000	723818
4	All geared precision lathe machine (with accessories) Make: Nagmati Model No: 175	1	391437	391437
5	Capstan Lathe (gear head for chuck works) Make: Capstan Model No: TT-25G	1	207590	207590
6	Planning Machine Make: Sharda Model No:	1	553184	553184
7	Radial Drilling machine Make: Siddha Pura Model No: SMTR-II	1	169650	169650
8	All geared shaping machine Make: Raman Brand Model No: RMC-18” stroke	1	213510	2,13,510
9	All geared slotting machine Make: Raman Model No:	1	1,96,198	1,96,198
10	Surface grinding machine (with accessories) Make: Aarti brand Model No:	1	209156	209156
11	Universal tool & cutter grinder (with accessories) Make: Raman brand Model No: AMI-80	1	1,63,999	1,63,999
12	All geared horizontal universal milling machine (with accessories) Make: Raman Model No: R2M(AV)	1	698025	6,98,025
TOOLS				
1	¼” Boring bar	10	140	1,400
2	Parting tools 1/8”, 3/4”, 7/8”	2	230	460
3	Tap handle	1	130	130

4	½ x 4” H.S.S square tool	4	800	3,200
5	3/8 x 3” H.S.S square tool	4	365	1,460
6	¼ x 4” H.S.S square tool	2	335	670
7	3/8” Boring bar holder	1	440	440
8	1/4” Boring bar holder	2	185	370
9	M16 x 1.5mm Machine tap	1	1,200	1,200
10	M14 x 2mm Machine tap	2	1,450	2,900
11	M12 x 1.75mm Machine tap	1	1,000	1,000
12	Diamond dresser 1.5 CRT	1	1,350	1,350
13	1/2” Tool holder	1	480	480
14	12” Adjustable surface gauges	2	230	460
15	100mm T _{max} Cutter	1	13,664	13,664
16	50mm Tmax Cutter	1	6,655	6,655
17	Collects (8mm, 10mm, 16mm, 20mm)	1	5,075	5,075
18	ISO 40 adopter	1	2,750	2,750
19	Adopter suitable for collet	1	2,900	2,900
20	End mill (8mm, 10mm, 16mm, 20mm)	1	3,050	3,050
21	M16 Adopter rod	1	950	950
22	Gear cutter	1	2,656	2,656
23	T – Cutter	1	1,300	1,300
24	Reamer 15mm, 20mm	1	1,585	1,575
25	TTM Tips	10	135	1,350
26	Diamond dresser stand for surface grinder	1	300	300
27	Steel 300 x 300 x 20mm Thickness	3	800	2,400
Total Amount (In Rupees)				24,56,642

Costliest equipment in the lab: All geared horizontal universal milling machine

Total amount (In Rupees): 698025 /-