

DECCAN COLLEGE OF ENGINEERING & TECHNOLOGY
DAR-US-SALAM, HYDERABAD-500 001.

DEPARTMENT OF MECHANICAL & PRODUCTION ENGINEERING

MACHINE SHOP

LIST OF EQUIPMENT

S.No.	ITEM DESCRIPTION
1.	TIGER BRAND SUPER MODEL LATHE MACHINE
2.	MYSORE KIRLOSKER LALTHE MACHINE
3.	DETCO HMT CENTRE LATHE
4.	SEWMAC MAKE CASPTAIN LATHE
5.	EFFCO MAKE DRILLING MACHINE
6.	POWER HACKSAW COBRA BRAND
7.	HORIZONTAL MILLING MACHINE HMT MAKE
8.	AVRO HYDRAULIC SURFACE GRINDER
9.	BATLIBOI MAKE SHAPING MACHINE
10.	BATLIBOI MAKE PEDASTAL GRINDER
11.	EFFCO MAKE SLOTTING MACHINE
12.	N.C. TURNING MACHINE HMT MAKE
13.	P.E.P. UNIVERSAL TOOL AND CUTTER & GRINDER
14.	IECOS MAKE LATHE TOOL DYNAMOMETER

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LIST OF EXERCISES

1. SIMPLE OPERATIONS ON LATHE : FACING, TURNING, STEP TURNING, TAPER TURNING, CHAMFERING AND BORING.
2. SIMPLE OPERATIONS ON LATHE: SHOULDER TURNING, THREAD CUTTING, BORING, KNURLING, AND PARTING.
3. ESTIMATING OF SHEAR ANGLE EXPERIMENTALLY IN DIFFERENT CONDITIONS ON LATHE MACHINE, AND SHAPER
4. INDEXING PRACTICE ON MILLING MACHINE
5. CUTTING HEXAGONAL BOLT HEAD ON MILLING MACHINE
6. CUTTING SPUR GEAR ON MILLING MACHINE
7. CUTTING GROOVES ON SHAPER MACHINE
8. CUTTING SLOTS ON SLOTTING MACHINE
9. ESTIMATION OF CUTTING FORCES USING L.M.T.D.