



TONTADARYA COLLEGE OF ENGINEERING, GADAG.
DEPARTMENT OF MECHANICAL ENGINEERING



SEMESTER: III & IV

MACHINE SHOP LABORATORY

CARPET AREA : 200 Sq Mts

TOTAL COST : Rs 13,08311

LIST OF EQUIPMENTS

Sl. NO	PARTICULARS	QTY
1	Lathe Machine	12
2	Heavy duty Lathe Machine	01
3	Shaping Machine	02
4	Surface Grinding machine	01
5	Horizontal Milling Machine	02
6	Power Hack Saw Machine	01
7	Wooden Lathe	01
8	Bench Grinding Machine	01

STAFF IN-CHARGE

Dr. D M Goudar
H O D

Prof. I.S.Patil
Faculty In-Charge

Mr. Prakash Badiger
Instructor



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MACHINE SHOP LABORATORY

LIST OF EXPERIMENTS

Course Code: 15/18MEL38B /48B

IA Marks:20/40

Hours/Week: 3

Exam Hours:03

Total Hours: 42

Exam Marks:80/60

PART-A

- 1** Preparation of models on lathe involving plain turning, taper turning, step turning, Thread cutting, facing, knurling, drilling, boring, internal /external thread cutting & Eccentric turning.

PART-B

- 2** Cutting of V Groove/ dovetail / Rectangular groove using a shaper cutting of gear teeth using Milling machine

PART-C

- 3** Formation of cutting parameters of single point cutting tool using bench grinder / tool & cutter grinder
- 4** Surface milling /slot milling operations

