

COURSE TITLE : MACHINE SHOP PRACTICE
COURSE CODE : 5029
COURSE CATEGORY : A
PERIODS/ WEEK : 4
PERIODS/ SEMESTER : 60
CREDIT : 2

TIME SCHEDULE

MODULE	TOPIC	PERIODS
1	Lathe work	15
2	Shaper, Planning Machine.	15
3	Milling machine.	15
4	Slotting machine	15
TOTAL		60

COURSE OUTCOME :

sl.no.	sub	student will be able to
1	1	Do work on lathe
	2	Do work on shaping machine.
	3	Carryout work on milling machine.
	4	Execute work on slotting machine.
	5	Perform work on planning machine.

CONTENT DETAILS

MODULE I

Lathe Work

Lathe operations such as drilling, boring, threading, knurling etc.

MODULE II

Shaping Practice

Cube - V -Blocks, Key - way cuttings.

Planning Practice

Practice on planning machine.

MODULE III

Milling Practice

Simple milling operations - plain milling – side milling – vertical milling etc.

MODULE IV

Slotting practice

Splines on slotting machine

TEXT BOOKS

1. Mechanical Workshop Practice By K. C. John (PHI Learning Private Limited)
2. Mechanical Workshop & Laboratory Manual By K. C. John

REFERENCE BOOKS

1. Workshop Technology Vol. I by S K Hajra Choudhary
2. Workshop Technology Vol. II by S K Hajra Choudhary