

ENGINEERING WORKSHOP

I Year II Semester: Common to All Branches								
Course Code	Category	Hours / Week			Credits	Maximum		
A5ME04	ESC	L	T	P	C	CIA	SEE	Total
		-	-	2	1	30	70	100
Contact Classes: 42		Tutorial Classes: Nil		Practical Classes: 28			Total Classes:70	

COURSE OBJECTIVES:

Student will

- I. Get the hands on experience on various trades.
- II. Capable to make useful products using one or more operations.

COURSE OUTCOMES:

Student should be able to:

- I. Fabricate components with their own hands
- II. Get practical knowledge of the dimensional accuracies and tolerances.
- III. Produce small devices of their interest

WEEKS	BASIC TRADES
	Fitting
Week 1	Filing Four Sides of Work piece
Week 2	L- Fit
	Carpentry
Week 3	Half Lap Joint
Week 4	Dove Tail Joint
	Tin Smithy
Week 5	Tin Smithy- Prepare a Rectangular Tray
Week 6	Prepare A Square Tin
	Electrical
Week 7	House Wiring Parallel and Series Connection
Week 8	House Wiring Two Way Switch
	Electronics
Week 9	Soldering Parallel Connection
Week 10	Soldering Series Connection
Week 11	Useful product using 3 or more operations

