

4107- ELECTRICAL WORKSHOP PRACTICE - II									
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)				
Lectures	Practical	Credit			Theory		Practical Ex.		Total
-	2	2	25	-	-	-	50/or		75
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total
NIL		ELL		-	-	-	50	50	100

Rationale: A student develops hand skills in winding a machine as well as repair of various electrical appliances which form a part of activities that are required to be performed by a technician in Electrical Engg. in industry.

TERM WORK		Hrs.	Mks.
1. Practice of coil winding		6	
2. Repair of domestic appliances Such as fan, transformer, inductive coil, hot plate, electric iron etc.		6	
3. Study & Testing of MCB/MCCB/ELCB/MCB+ELCB		4	
4. Study of various types of wiring materials Such as supports, switches, sockets, lamp holders, types of bends and ceiling rose.		2	
5. Jointing of stranded conductors.		4	
6. Crimping of lugs.		4	
7. Finding out the efficiency of heating device (oven/hot plate/immersion heater)		2	
8. Seminar presentation on a given topic.		??	

REFERENCE BOOKS

1. A hand book of Electrical Wiring Estimating and Costing by Arora.
2. Basic Shop Practice in Electrical by Arora B. Dass.

