

MYMENSINGH POLYTECHNIC INSTITUTE
ELECTRICAL TECHNOLOGY
 Out Line Plan of Teaching 2nd Semester Student

SEMESTER PLAN PRESENTATION
 Subject: BASIC ELECTRICITY(26711)

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Week	Theory		Practical		
	Content (Specific Objective)	Activity		Content (Practical Job no)	Activity
		Class Test	Learning Materials		
1	1.Understand electricity and its nature(1.1-1.4)		Ref. books, white board, marker,	Job no: -1 Identification and uses of electrical measuring instruments.	
2	2 . Understand conductor semiconductor and insulator(2.1-2.8)			Job no: - 2 Verification of ohms law.	
3	3.Understand ohms law(3.1-3.4)			Job no:-3 Verification of characteristic of series circuit.	
4	4.Understand electric circuit(4.1-4.7)	CT-1		Job no: -4 Verification of characteristics of parallel circuit.	
5	5.Apply the concept of electrical power and energy(5.1-5.6)			Job no: -5 Measuring the power of electrical load.	
6	6.Understand the principles of joules law(6.1-6.4)	QT-1		Job no: -6 Uses of hand tools wires and cables.	
7	7.Understand the concept of cells(7.1-7.10)			Job no: -7 Making a duplex joint and t-joint.	
8	8.Understand the concept of capacitors and inductors(8.1-8.11)			Job no: -8 Preparing wiring circuit of two lamps controlled from two points separately.	
9	9.Understand electro-magnetism(9.1-9.9)	QT-2		Job no: -9 Preparing wiring circuit of one lamp controlled from two points separately.	
10	10.Understand electro-magnetic induction(10.1-10.7)			Job no: -10. Preparing wiring circuit of a fluorescent tube light.	
11	11.Understand the uses of wires and cables(11.1-11.5)			Review Job no: 1	
12	12.Understand the usefulness of joints and splices(12.1-12.4)	CT-2		Review Job no: 2	
13	13.Understand the different methods of house wiring(13.1-13.5)			Review Job no: 3	
14	14.Understand the construction and uses of controlling devices(14.1-14.3)			Review Job no: 4	
15	15.Understand the construction and uses of protective devices(15.1-15.7)			Review Job no: 5 & 6	
16	Understand the necessity of earthing(16.1-16.4)And apply the principle of controlling electrical circuit by switch(17.1-17.6)			Review Job no: 7 & 8	

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