

## Electronic Mechanic, Week- 4

S.No.	Week No.	Number of Topic	No. of Hours
1	4	Basic terms such as electric charges, Potential difference, Voltage, Current, Resistance. Basics of AC & DC.	7 Hrs.
2		Various terms such as +ve cycle, -ve cycle, Frequency, Time period, RMS, Peak, Instantaneous value.	
3		Single phase and Three phase supply.	
4		Terms like Line and Phase voltage/ currents.	
5		Insulators, conductors and semiconductor properties.	
6		Different type of electrical cables and their Specifications.	
7		Types of wires & cables, standard wire gauge (SWG).	
8		Classification of cables according to gauge (core size), number of conductors, material, insulation strength, flexibility etc.	