

Syllabus Of Residential Wiring for Add-on Course 2021-22

Theory

1. Introduction To Insulator, Conductor and Semi Conductor Substances
2. Conception Of Electric Charge on the basis of electron theory of metal.
3. Resistor, Resistance and conductivity of a substance and Ohm's law.
4. Series and parallel combination of resistances.
5. Capacity and principle of capacity.
6. Electro-magnetic Induction.

Practical

1. To determine the resistance of a conductor with the help of P.O box.
2. To determine unknown resistance using meter bridge
3. Verify the parallel and series combination of resistance.
4. Identify resistance and capacity using multimeter.

Books Suggested

Pradeep's Fundamental Physics By K.L GOMBER

Electricity & Magnetism By D. Chattopadhyaya

New Approach Physics Practical By Prof. Girish Dutta Barua

Element of Practical Physics By Dr. Amulya Chaudhary.

