



DC and AC electrical circuits
 Various types of photovoltaic cells
 Connections of photovoltaic cells
 Effect of temperature on I and V
 Effect of illumination on I and V
 Effect from angle of incidence on I and V
 Design of an insular network with solar cells
 Energy storage with photovoltaics
 Charging & discharging with solar PV cells
 Types of manufacturing of solar PV cells
 Types of solar photovoltaic plants

Multimeter operation & measurements
 Principles & function of photovoltaics
 Recording characteristics of a solar cell
 Terms "solar radiation" & "solar constant"

