

Solarizer Content

Day 1

Part 1 (Introduction talk)

- Solar Energy Scenario in India & Job Opportunities
- Basics of Solar Photovoltaic Technology (PV)

Part 2 (Simulation & PV System Design)

- Basics of simulation tool
- Concepts of PV System Design
- Design a Solar Power Plant to light/power your own house/college
- Understand the Variables that determine PV system size based on international model

Understand the system design using simulation tool

- Hands on experience to determine
- PV size, Inverter & Battery Capacity using tool
- Estimation of monthly power generation and financial savings

Day 2

Part 3 (Hands on Session)

- Solar Operated Mobile Charger
- Design and build your own Solar Mobile Charger
- Get practical insight into basic and advanced features
- Light seeking Robot
- Design and build your own Vision 180
- Get practical insight into basic and advanced features

Part 4 (Product Demonstration & Discussion)

- Solar Tracker
- Solar intensity meter

Part 5 (Distribution of Take Away individual kit)

- Solar Mobile Charger
- Solar Panel 1Wp

Number of Team Members: 1