

Course Content

Days	Particulars
Day 1	Introductory Session on Solar PV and Thermal Solar Energy Fundamentals
Day 2	Testing standards of SPV systems Solar Photovoltaic Cell and Technologies SPV systems and Components Solar Cell Manufacturing Performance and Reliability of SPV modules in out-door
Day 3	Inverters & Charge Controller Batteries for SPV applications SPV system design PV Simulation tools like PVSOL/PV syst
Day 4	Basics of Solar Thermal Solar Innovative Products
Day 5-6	Visit to scada centre at NPTI, Faridabad and / or visit to Solar Manufacturing Plant, a Solar manufacturing unit, in Greater Noida/ Visit to Solar Installation Agra (Taj Mahal)
Day 7	Solar Lightning System Solar Water Pumping System
Day 8	Hydrogen & Its Technologies
Day 9	Installation, Sequence, Testing & Commissioning of PV power plant Policies of Solar Lab Visit
Day 10	Country Presentation