

NATIONAL INSTITUTE OF SOLAR ENERGY
ITEC TRAINING ON SOLAR ENERGY TECHNOLOGIES (3 WEEKS)

Days	Particulars
Day 1	<ul style="list-style-type: none"> • Introductory Session on Solar PV and Thermal • Solar Energy Fundamentals
Day 2	<ul style="list-style-type: none"> • Testing standards of SPV systems • Solar Photovoltaic Cell and Technologies • SPV systems and Components
Day 3	<ul style="list-style-type: none"> • Basics of Solar Thermal • Solar Thermal and Biomass • Solar Thermal Power Generation
Day 4	<ul style="list-style-type: none"> • Inverters & Charge Controller • Batteries for SPV applications
Day 5	Visit to 1 MW power plant at Gugaon and / or visit to Central Electronic Limited (CEL), a Solar manufacturing unit, in Ghaziabad
Day 6	Visit to Solar Installation Agra (Taj Mahal)
Day 7	Rest
Day 8	<ul style="list-style-type: none"> • India Experience on Roof Top and 1 MW Solar • Performance and Reliability of SPV modules in out-door
Day 9	<ul style="list-style-type: none"> • SPV system design • PV Simulation tools like PVSOL/PV syst
Day 10	<ul style="list-style-type: none"> • Installation, Sequence, Testing & Commissioning of PV power plant • Lab Visit
Day 11	<ul style="list-style-type: none"> • Hybrid Solar biomass Power plant in poly-generation process for combined power cooling and process heat • Various Policies

Day 12	Visit to Solar Projects in Delhi
Day 13-14	Important Solar Project Site Visits (One night stay during the outstation study tour)
Day 15-16	Internal Assessment through Questionnaire & Country Presentation
Day 17-18	<ul style="list-style-type: none">• Administrative Formalities• Valedictory Session
Day 19	<ul style="list-style-type: none">• Country Papers