**Annexure A**

**NATIONAL INSTITUTE OF SOLAR ENEGY**

**ITEC TRAINING ON SOLAR ENERGY TECHNOLOGIES (3 WEEKS)**

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| **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 |
| Day 3 | * Basics of Solar Thermal * Solar Thermal and Biomass * Solar Thermal Power Generation |
| Day 4 | * 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 | * India Experience on Roof Top and 1 MW Solar * Performance and Reliability of SPV modules in out-door |
| Day 9 | * SPV system design * PV Simulation tools like PVSOL/PV syst |
| Day 10 | * Installation, Sequence, Testing & Commissioning of PV power plant * Lab Visit |
| Day 11 | * 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 | * Administrative Formalities * Valedictory Session |
| Day 19 | * Country Papers |