

## Annexure A

### International Training on Solar Energy Technologies

#### Tentative Course Details & Contents:

Days	Particulars (L- Lecture, T-Tutorial)
<b>Day 1</b>	<ul style="list-style-type: none"> <li>➤ About ITEC Programme and Introductions.</li> <li>➤ Overview of Solar Energy Progress in India and Across the World. (L1)</li> <li>➤ Basic Understanding on Solar Energy Resources and Applications. (L2)</li> <li>➤ Tutorial Session (T1)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 2</b>	<ul style="list-style-type: none"> <li>➤ Day 1 Re-Cap</li> <li>➤ Solar PV Power Plant : Basic Types, Components and Functions (L3).</li> <li>➤ Solar PV Module : Types and Standards (L4)</li> <li>➤ Tutorial Session (T2)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 3</b>	<ul style="list-style-type: none"> <li>➤ Day 2 Re-Cap</li> <li>➤ Solar PV Inverters, and Balance of Systems: Basic Types and Functions.. (L5).</li> <li>➤ Implementation aspects of a Solar PV Power plant. (L6)</li> <li>➤ Tutorial Session (T3)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 4</b>	<ul style="list-style-type: none"> <li>➤ Day 3 Re-Cap</li> <li>➤ Solar Policy and its features – Indian Context. (L7).</li> <li>➤ Regulatory aspects of a Solar PV Power plant. (L8)</li> <li>➤ Tutorial Session (T4)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 5</b>	<ul style="list-style-type: none"> <li>➤ Day 4 Re-Cap</li> <li>➤ Design Checks in a solar PV power plant. (L9).</li> <li>➤ Various checks and standards relevant to PV industry. (L10)</li> <li>➤ Tutorial Session (T5)</li> <li>• Self - Reading Sessions and Assignment.</li> </ul>
<b>Saturday (Free Day)</b>	
<b>Sunday (Free Day)</b>	
<b>Day 6</b>	<ul style="list-style-type: none"> <li>➤ Day 5 Re-Cap</li> <li>➤ Basic Understanding on Solar thermal Technologies. (L11).</li> <li>➤ Applications of Solar Thermal technologies. (L12)</li> <li>➤ Tutorial Session (T6)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 7</b>	<ul style="list-style-type: none"> <li>➤ Day 6 Re-Cap</li> <li>➤ Discussion on case studies in Solar thermal Technologies. (L13).</li> <li>➤ Solar PV Lighting systems: Overview (L14)</li> <li>➤ Tutorial Session (T7)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 8</b>	<ul style="list-style-type: none"> <li>➤ Day 7 Re-Cap</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Solar PV Pump Concept and applications. (L14).</li> <li>➤ KUSUM policy in India : An overview. (L15).</li> <li>➤ Tutorial Session (T8)</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 9</b>	<ul style="list-style-type: none"> <li>➤ Day 8 Re-Cap</li> <li>➤ Discussion on activities of ISA (L16).</li> <li>➤ Financial evaluation of a solar project. (L17).</li> <li>➤ Country presentations.</li> <li>➤ Self - Reading Sessions and Assignment.</li> </ul>
<b>Day 10</b>	<ul style="list-style-type: none"> <li>➤ Day 9 Re-Cap</li> <li>➤ Skill Development Prospects in Solar Sector. (L18).</li> <li>➤ Country presentations.</li> <li>➤ Assessment.</li> <li>➤ Conclusion.</li> </ul>
<ul style="list-style-type: none"> <li>➤ Lecture / tutorial shall be up to 3 hours in a day as advised by MEA.</li> <li>➤ Balance hours in a day would be administrated for self-reading / Assignments/ Country presentations.</li> </ul>	
<ul style="list-style-type: none"> <li>➤ Hand Book / Reading Contents: Shall be provided as per the topics</li> </ul>	