

**List of Courses Offered under ITEC Framework.**

<b>Capacity Building Programs</b>			
<b>S. No.</b>	<b>Course Code</b>	<b>Program Names</b>	<b>Page No.</b>
1	ITEC 01	Smart Grid	25
2	ITEC 02	Cross Border Energy trading (CBET)	25
3	ITEC 03	Micro Grid	26
4	ITEC 04	EVs, Batteries and Charging Station	27
5	ITEC 05	Solar Energy and PV Systems	28
6	ITEC 06	Microgrids and Renewables	29
7	ITEC 07	Grid integration of solar photovoltaics: Challenges & solutions	29
8	ITEC 08	Power Transmission	30
9	ITEC 09	Grid Integration and Energy Storage	31
10	ITEC 10	Operation & Maintenance of Hydro Power Plant	31
11	ITEC 11	Hydro & Pump Storage Power	32
12	ITEC 12	Wind Energy	32
13	ITEC 13	Green Hydrogen	33
14	ITEC 14	Waste to Energy	34
15	ITEC 15	Combined Cycle Power Plant (CCPP)	35
16	ITEC 16	Biomass Gasifier Generation Course	35
17	ITEC 17	Creating Utility Network in Geographic Information System	36
18	ITEC 18	Smart Electric Utility	37
19	ITEC 19	66kV GIS, 33kV CGIS Sub-station O&M	37
20	ITEC 20	Energy Efficiency & Management	38
21	ITEC 21	Human Resource Development in Power Sector	39
22	ITEC 22	Solar Entrepreneurship and Business Training	39
23	ITEC 23	Pump Storage Hydro (PSP) System	40