

Outline of Foundation Course on Smart Grid

Session Time	Session Description	
DAY – 1 (07 .08.2018)		
09.30 – 10.30	Session-1: Inauguration	
10.30 – 11.00	Tea	
11.00 – 12.30	Session-2: Introduction to Smart Grids & Business Models (International and Indian experience)	
12.30 – 01.30	LUNCH	
01.30 – 03.00	Session-3: Smart Grid Scenarios in India (technology, policy & regulatory initiative) & Smart Grid Maturity Model	
03.00 – 03.30	Tea	
03.30 – 05.30	Session-4: Smart Grid Communications, Standards & Interoperability and AMI	
DAY – 2(08.08.2018)		
09.30 – 10.30	Session-1: Smart Buildings & Smart Grid as Anchor Infrastructure for Smart Cities	
10.30 – 11.00	Tea	
11.00 – 12.45	Session-2: T&D Automation - SCADA / EMS, GIS - mapping, Distribution Automation and Substation Automation, Healing Grid, Wide Area Monitoring	
12.45 – 01.45	Session-3: Enterprise IT systems	
01.45 – 02.30	LUNCH	
02.30 – 03.45	Session-4: Energy Storage, Demand Response other emerging technologies	
03.45 – 04.45	Session-5: Smart Consumers and behavioral models of smart grid consumers	
04.45 – 05.00	Tea	
05.00 – 05.30	Modal Smart Grid Regulations	
DAY – 3(09.08.2018)		
09.30 – 11.00	Session-1: VER & DER – Integration Challenges, DERMS and other Flexibility Solutions	
11.00 – 11.30	Tea	
11.30 – 01.00	Session-2: Electric Vehicles and Vehicle Grid Integration	
01.00 – 01.45	Session-3: Advanced Analytics for smart grid	
01.45 – 02.30	LUNCH	
02.30 – 04.00	Session-4: Digital architecture & cyber security for smart grid	
04.00 – 04.45	Session-5: Time of use (ToU) Tariff	
04.15 – 04.30	Tea	
04.30 – 05.00	Case Study/Participant Presentation	
05.00 – 05.30	Vote of Thanks	