

## Training Module for Inhouse Faculties for Induction Training of JEVS of DISCOMs

Sr. No.	Name of Topic
1	e-Urja Awareness
2	Design & Selection of underground cables, routing and laying. Cable box & jointing
3	Intro to RTI & its implementation
4	Understanding various PRT
5	Computer billing & evaluation of various reports
6	Various parameters for recovery/ litigation actions/ record updating
7	Introduction of DRUM Project & its implementation @ Umreth s/dn
8	Distribution System Planning
9	HVDS in Distribution and RMU
10	M.I.S
11	Types & Constructional details: various meters / indicators and their operations, intro to relevant IS
12	Automatic Meter Reading
13	Construction & erection of HT / Lines, DTC and Earthing HT/LT poles/supports.
14	G.I.S Mapping
15	E-urja Purchase Module
16	Special Design Transformers
17	Strategic Management
18	Distribution automation (SCADA)
19	e-URJA Inventory
20	IT in Distribution
21	E-urja CRM Module
22	DSM and distribution Performances in India/SEBS Elect scenerio, what is DSM & its definition. DSM
23	Utility Driven DSM in reforming utilities .DSM in/ ind/ com./agri/rural & domestic Sector

Sr. No.	Name of Topic
24	Basic & highlights of 66KV S/S, Power x'er, Circuit breaker, isolator, LA, Earthing, DC-battery, work permit Maint of equipment
25	Failure analysis of dist. Transformers, remedial methods for minimizing failures.
26	Introduction to relevant IS
27	Contract basis, terminology, qualification-requirement, pre-qualification, bids evaluations / Vendor-qualification development
28	Govt. Schemes - RGGVY, TASP & BADP
29	Revenue Enhancement Case Studies
30	Provisions under Act 2003 related to pilferage of energy. Legal Aspects, Procedures after theft detection
31	Latest Trend in T&D Loss reduction - HVDS, Metering, Lines & TC, APFC Panels, GIS
32	Distribution Sub-Division performance parameters
33	Major materials & equipments used in dist.& Procurement procedure.
34	Maint. of Distribution System. Planning and implementation.
35	Inspection & testing of materials as per IS for dist. System
36	Disaster Management / preparedness
37	Power Theft - Modus Operandi / Case Studies
38	Procedures to be adopted after theft detection.
39	Theft Bill Calculations
40	Brief historical review of Distribution System & Overview of DISCOM
41	AT & C Loss reduction techniques
42	Introduction to various Govt. Schemes. SPA/DIS/ZP/SCSP etc
43	ABT & Load Management at LMU
44	Prevention of Electrical accidents, Safe working procedures - Reporting,
45	Procedure for release / alteration in connections
46	Dealing with consumers, govt. officers, local leaders & Staff & SOP
47	Visit to Hitech Lab / CT PT

<b>Sr. No.</b>	<b>Name of Topic</b>
48	Visit to Baroda Rural Lab - ERS Meters
49	Visit to Chhani store, visit to trans .mfg./repairing& Cable mfg unit - Halol
50	Project visit to SSNNL
51	DRUM Visit @ Umreth
52	Cable Fault Detection - Demonstration
53	Visit to Baroda City SCADA
54	SLDC VISIT
55	Sub divn. General Procedures
56	R-APDRP
57	Earthing in Distribution