**Course Content**

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| **S.No.** | **Topics** |
|  | Introduction to Electrical Power Systems: Generation, Transmission & Distribution |
|  | Overview of present day power distribution systems |
|  | Recent advancements & trends in upgradation of distribution systems |
|  | Need of distribution system upgradation: from stakeholders perspective |
|  | Automated Metering Infrastructure (AMI): An effective enabler of smart grid architecture. Various technologies, components &integration. |
|  | Role of communication systems in smart distribution system. Various modes and their applications. |
|  | Smart Distribution System : Concept to Commissioning Case Studies |