

Tentative Course Outline

| S.No. | Topics |
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| 1. | Renewable Energy Scenario, RE integration to grid, Modernized grid infrastructure, Energy Management System, ABT, Deviation settlement mechanism |
| 2. | Large scale RE Integration in EHV transmission line, RE forecasting and coordination Congestion management, Balancing and Ancillary services |
| 3. | Energy Market dynamics, Smart Grid, IT innovation |
| 4. | Preparing of plug-in hybrid vehicles, Capturing the benefits of DG and storage, Micro-grids |
| 5. | Effective policy and regulatory frameworks, Grid codes, RE connectivity standards |