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TRACK-1
Solar, Wind, Hydro, Biomass and other renewable based Energy Systems:
- Solar Thermal Power Generation and applications
- Fabrication Techniques of Solar Cells
- Tracking Algorithms of Solar Modules,
- Thermoelectric Solar System
- Small Hydro Energy Systems
- Wind and Hydro Power Integration in Grid
- Biofuels- Synthesis and Utilization and Processing of Different Types of Biomasses and Hybrid Systems
- Life Cycle Assessment of Biofuels

TRACK-2
Energy Storage & Management:
- Energy Storage and Technologies
- Different Types of Battery Technologies
- Energy Storage Trends and Opportunities
- Strategic Analysis of Energy Storage, Energy Management System
- Cost, Benefit Analysis of Renewable Energy Systems
- Electric Vehicle Technologies & Interaction with the Grids.

TRACK-3
Smart Grid Technologies:
- Design of Smart Grid
- Modelling of Grid Environments
- Demand Side Response and Management
- Smart Distribution System
- Distributed Generation
- Grid Integration
- Power Electronics and Control Applications for Smart Grids.

TRACK-4
Renewable Energy Expansion and Policy Making:
- Deregulated Power Market
- Green House Emission from Energy Sources
- Renewable Energy Impact on Climate Change

TRACK-5
AI and Control Implementation in Microgrid Systems:
- AI Applications to Renewable & Power Systems
- Data Analytics & IOT for Renewable & Power Systems
- Physical, Cyber & System Security in Smart Grids.

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