

MIT World Peace University, Pune
School of Electrical Engineering

Upcoming Events – 2020

Workshops: A National Workshop on Smart Grid

A smart grid refers to the modernized electric grid (transmission/distribution/substations/transformer/consumer) that incorporates digital technologies like smart metering, advance communication techniques, etc for two-way communication between all the equipment in the network. Real-time monitoring and control are the main features of a smart grid that not only makes it resilient and efficient but also helps in demand-side management, renewable energy integration, outage management, protection, power quality management, etc. Also, smart grid infrastructure plays an important role in upcoming models like smart grid, electric vehicles, etc.

The workshop aims to bring together the industrial experts in Smart Grid technology and academia together to promote research on the smart grid.

Content/Details:

- Technology, Architecture, Applications
- Communication – Layers and Protocols
- Advanced Metering Infrastructure (AMI)
- Smart Transmission Monitoring
- Smart Distribution Monitoring
- Smart Renewable Energy Integration
- Demand Side Management
- Interoperability, Security, Privacy
- Research opportunities

Tentative Dates: Second Week of October 2020

Venue:

School of Electrical Engineering, MIT World Peace University, Pune

Who can Participate:

Faculty Members/Industry Persons/Research Scholars/PG-UG Students.

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