

# CALL FOR PARTICIPANTS

## Faculty Development Programme on

# SMART ENERGY SYSTEMS

4 – 8 October, 2021 (online)

### Sponsors

**AICTE Training and Learning (ATAL) Academy**



### About IITRAM

[[www.iitram.ac.in](http://www.iitram.ac.in)]

Institute of Infrastructure, Technology, Research and Management (IITRAM) Ahmedabad is an autonomous university established by Government of Gujarat in 2013. The institute provides engineering education with specialization in infrastructure with aims to create centers of excellence, organize advanced studies and promote research. Currently, IITRAM is offering UG, PG and research programs in electrical, civil & mechanical engineering; and research programs in sciences, humanities, and social sciences.

### About ATAL Academy

[[www.aicte-india.org/atal](http://www.aicte-india.org/atal)]

AICTE Training and Learning (ATAL) Academy is committed to for development of quality technical education by initiating various schemes launched by Ministry of Education. ATAL Academy aims to support technical institutions in India in fostering research, innovation and entrepreneurship through training in various emerging areas. World Book of Records London has appreciated and included ATAL Academy for conducting 1000 Online FDPs to train ~1 Lakh participants in 9 thrust areas in the year 2020-21.

### About FDP

The electric utilities are facing several challenges due to ever-rising energy demand, depleting fossil fuels, climate concerns, high penetration of renewable sources, uncertainty in consumption/generation, transportation electrification, etc. The quest for addressing such challenges lead to the evolution of 'Smart Energy Systems' that offers enhanced performance by incorporating intelligent features to handle variations and typical characteristics of a system. This FDP shall provide insights on the basic aspects of Smart Energy Systems, such as DER integration, energy management, power conversion, microgrids, AI applications, aerial vehicles, electric ships, more electric aircrafts, solar pumps, smart charging, FACTS, power quality, etc.

### Info for Participants

**For whom:** Faculty members of AICTE approved institutions, research/PG scholars, professionals from utilities & industries.

**Registration:** At <https://www.aicte-india.org/atal> (ATAL FDP# 1615820825) **free for first 200 participants by 1 Oct'21.**

**More info:** How to register, ATAL Academy rules, speakers, schedule, etc., please visit <https://bit.ly/2X9IIP9>

### Patrons

**Dr. Shiva Prasad**, Director General, IITRAM

**Dr. A. U. Digaskar**, Director, IITRAM

### Coordinators

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Organized by

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