

**GUJCOST Sponsored**

# **Analysis, Modelling and Simulation of Smart Grid Protection Issues using PSCAD Software**

**2 Days Online Workshop**

**21-22  
January  
2021**

[Click here to Register](#)

Registration Last date

**17<sup>th</sup> January 2021**



**Department of Electrical Engineering**

**Indus Institute of Technology and Engineering (IITE)**

## About the Indus University

Indus University (UGC recognized) is one of the leading universities in Gujarat. It aims to bring social changes with education, skill development, research and innovation. We provide diverse opportunities for students and faculties to improve their knowledge and skills to be successful in today's world.

Indus University was founded under the state government ordinance and is promoted by Bhandari Charitable Trust. It is situated on the western side of Ahmedabad. The university is well connected with the city through different transportation modes. Indus University offers UG, PG and Doctoral degree programme in diverse disciplines of engineering. It has seven constituent institutes.

- Indus Institute of Technology and Engineering
- Indus Institute of Management Studies
- Indus Institute of Special Studies
- Indus Institute of Sciences Humanities & Liberal Studies
- Indus Institute of Faculty Training & Development
- Indus Institute of Design Environment and Architecture
- Indus Technology & Smart Solution Centers

## About IITE

IITE (Indus Institute of Technology and Engineering) is the pioneer institute of INDUS UNIVERSITY. The institute offers UG, PG and PhD programs in EL, EC, ME, CE, CSE, IT, AUTO, Civil Engineering and Aviation Technology. The institute is established with a view to promote excellence in engineering education and to prepare the young talent to meet challenges of engineering and technology.



## About Workshop

Our electric infrastructure is aging and it is being pushed to do more than it was originally designed to do. Modernizing the grid to make it “smarter” and more resilient through the use of cutting-edge technologies, equipment and controls that communicate and work together to deliver electricity more reliably and efficiently can greatly reduce the frequency and duration of power outages, reduce storm impacts, and restore service faster when outages occur. Consumers can better manage their own energy consumption and costs because they have easier access to their own data. Utilities also benefit from a modernized grid, including improved security, reduced peak loads, increased integration of renewables, and lower operational costs. This exciting transformation of the nation’s electric grid creates both challenges and opportunities to advance the capabilities of today’s electricity delivery system. A critical component of grid modernization is a coordinated, strategic research, development and demonstration (RD&D) effort that involves both the public and private sectors.

## Resource Persons

### • Dr. Bhinal Mehta,

Asst. Prof. EE Department  
PDPU, Gandhinagar

### • Dr. Nilesh Chothani

Associate Prof., EE Department  
Adani Institute of Infrastructure Engineering Ahmedabad

### • Vineeta Chauhan

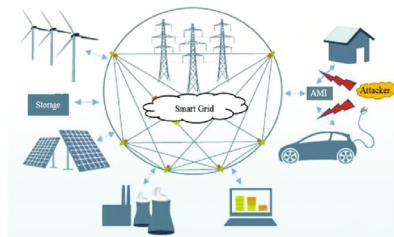
Asst. Prof. EE Department  
Indus University, Ahmedabad

### • Dr. Ujjaal Patel

Asst. Prof. EE Department

### • Hinal Shah

Asst. Prof. EE Department



The main objective of the workshop is to promote current R&D trends and novel approaches related to recent power system technology in the area of protection and smart grid. The faculties from the academic institutions, industries personnel, research scholars, M. Tech and B. Tech students can participate in the program. The Workshop will be conducted by the eminent speakers and academic experts from all across Gujarat.

## Important Information

**Last date of receiving application - 17/01/2021**

**Notification about selection - 18/01/2021**

**The Workshop is free of cost.**

E Certificate will be provided for each participant after successful completion of the course and providing feedback .

For Registration

[Click Here](#)



### Patrons

**Dr. Ritu Bhandari**

Presidential Secretariat, Indus University

**Dr. Nagesh Bhandari**

Presidential Secretariat, Indus University

### Chairperson

**Prof. Dr-Ing Anupam Kumar Singh**

Director-IITE, Indus University

### Convener

**Asst. Prof. Vineeta Chauhan**

HoD, Electrical Department

### Coordinator

**Asst. Prof. Hinal Shah**

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