

**Faculty Development Training
Program on
Applications of Artificial
Intelligence for Electrical Systems**

28/11/2023 – 30/11/2023

Registration Form

Name:

Designation:

Department:

Affiliation / Organization:

Educational Qualification:

Postal Address :

E-mail Id :

Mobile Number:

Signature of the Applicant

Signature of the Organisation Head with seal:

Registration Link:

<https://forms.gle/t7JM96EWGSrZKXu96> [or]

Scan QR Code



Send your scanned
registration form to
sjiteeeevents@gmail.com

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**Faculty Development Training Program
on
Applications of Artificial
Intelligence for Electrical Systems**

28/11/2023 – 30/11/2023



Organized by
**Department of
Electrical &
Electronics Engineering**



in association with
PANTECH e LEARNING

 **Pantech e Learning**
DIGITAL LEARNING SIMPLIFIED

About the Department



Vision: To become a well renowned department in the field of Electrical and Electronics Engineering by imparting knowledge and inculcating ethical values to serve the global society.

The Department of Electrical and Electronics Engineering was started since the inception of college in August 2011

The Department has undertaken research projects and provides consultancy services to needy industries. The Department has signed MoU's with various industries and established centre of Excellence for Solar PV system, Power Electronics, Robotics and Automation to develop state of the industrial skills.

About the Program

A three-day Faculty Development Program (FDP) on Applications of Artificial Intelligence for Electrical Systems is designed to enhance the knowledge and skills of educators and professionals in the field of AI. This FDP aims to familiarize participants with various AI techniques, such as machine learning, deep learning, neural networks, and natural language processing, and explain how they can be applied in electrical engineering. Deep learning is a subset of machine learning and AI that uses neural networks to model and solve complex tasks. This FDP focuses on

training and practice sessions that will help participants to gain confidence on deep learning concepts by creating their own neural networks, object detection models etc. The course will be useful for faculty of engineering and sciences who are interested in the learning recent AI trends and their applications in areas like smart grids, power management, fault detection, energy efficiency, predictive maintenance, computer vision and robotics.

Course Content

- Introduction to Artificial Intelligence -
- Types & Structure of AI - Processing of AI
- Understanding the essence of Artificial Intelligence
- Introduction of Machine Learning
- Types of Machine Learning
- Supervised Learning, Unsupervised Learning, Reinforcement learning with examples & Applications
- Applications of AI in Smart grid ,Power Quality Improvement, Renewable Energy Integration

Resource Persons

The sessions will be handled by experts from academia, research organizations and industry in the subject area.

Registration Details

No Registration Fee

Last date of Registration: 22-11-2023

Intimation of Selection

by E-Mail : 24-11-2023

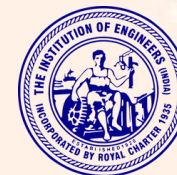
Eligibility for Registration

The faculty members (EEE, ECE, CSE, ADS, AML and IT) of AICTE approved Institutions, Research Scholars, participants from Government and Industry Persons are eligible to attend the Program.

Certification of Participation:

Certificate of participation will be issued to all active participants.

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