

Guidelines

- Registration on AICTE-ATAL is compulsory
- The FDP will be conducted in Offline mode.
- There will be 18 sessions in six days including industry visit (three sessions every day) and one session may be utilized for feedback and assessment.
- As per AICTE Training and Learning (ATAL) Academy guidelines no registration fee will be charged from the participants.
- Attendance is mandatory.
- On completion of the course an objective/quiz-based assessment of all participants will done. Participants who have attendance of minimum 80% and more than 60% score in the test will be issued a digital certificate by AICTE Training and Learning (ATAL) Academy.

Expected Outcome

On completion of the FDP, participants are expected to be able to:

- Understand basic and advanced concepts in Machine Learning.
- Acquire the empirical skills of Machine Learning Technologies.
- Implement various AI-ML real-life applications for Societal Development.
- Identify application areas of Machine Learning for research.
- Know the importance of Machine Learning systems to society.
- Address ethical considerations, potential biases, and privacy concerns to ensure that machine learning benefits everyone and is deployed responsibly.

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LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTA'S
**PRIYADARSHINI COLLEGE OF ENGINEERING
NAGPUR**

**AICTE ATAL SPONSORED
SIX DAYS
FACULTY DEVELOPMENT PROGRAM**

on

**“ROLE OF
MACHINE LEARNING
IN SOCIETAL DEVELOPMENT“
(OFFLINE MODE)**



4TH Dec to 9TH Dec 2023

**(Monday to Saturday)
9:30 am to 5:30 pm
Organized by**

**Department of Computer Technology
Priyadarshini College of Engineering Nagpur**
(An Autonomous Institute, Approved by A.I.C.T.E., New Delhi & Govt. O f Maharashtra,
Affiliated to R.T.M. Nagpur University, Nagpur)
Visit us: www.pcenagpur.edu.in

Our City & Institute Location

Nagpur, popularly known as orange city is located at the center of India and is well connected with all parts of the country by rail, road and air. The college is located at about 10 Km from Nagpur on the Nagpur-Hingna Road at Priyadarshini Campus, Nagpur on Digdoh Hills. The college is located very close to a large industrial belt and also close to MIHAN (Multi-Modal International Hub and Airport at Nagpur). This proximity makes us possible to have an excellent industry-institute interaction.

About Institution

Priyadarshini College of Engineering is the Premier College of the Sanstha with 32 years of proven track record, endeavours to impart academic excellence through promoting technology, scientific thinking and Corporate, Social Responsibility. Priyadarshini College of Engineering has been awarded with an A+ grade status with CGPA 3.45 by NAAC for a term of 5 years upto 2027.

The institute has successfully received accreditation for nine of its departments namely Computer Technology, Civil Engineering, Mechanical Engineering, Electronics & Telecommunication Engineering, Electrical Engineering (Electronics & Power), Computer science & Engineering, Chemical Engineering, Biotechnology and Electrical Engineering by National Board of Accreditation (NBA), New Delhi. The institute runs 15 Undergraduate Programs, 8 Post Graduate and 3 PhD Programs.

The institute has also been conferred with grade A by Government of Maharashtra for Academic excellence and is the recipient of Gold Rank in 2017, 2018 and 2021 and Platinum Rank in 2019 in AICTE-CII survey. The institute has also received World Education Award 2017, innovation in Teaching Pedagogy, India's Education Excellent award in 2018 by Berkshire Media USA and Outstanding Engineering institute for Research and innovation held at 15-World Education Summit-2019.



About Department

The Department is established in the year 1990 and is Accredited by National Board of Accreditation. The primary objective of department is to impart quality technical education, training and research at the Undergraduate, Post-graduate and Doctoral levels in various areas of Computer Technology with emphasis on emerging areas of Machine Learning, Deep Learning and Data Science. It has well qualified and experienced faculty and state of the art laboratories having latest hardware configuration and software tools.

About the FDP

This FDP is devoted to address the need to enhance the knowledge about the Machine learning and the latest development pertaining to data science applications. This Program is designed for all engineering disciplines. This niche program particularly aims to impart these quintessential skills to the participants. Machine Learning is a fast-growing field of Artificial Intelligence concerned with the study and design of computer algorithms for learning good representations of data, at multiple levels of abstraction. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of Machine Learning and expose them to Feasibility & future scope.

Course Contents

- Algorithms, Recent trends and advances in ML
- Supervised, Unsupervised, Reinforcement algorithms
- Real life application of machine learning for societal Development
- Deep Learning Algorithms
- Machine learning with GPT
- Hands on Practical sessions on various machine learning algorithms
- Case Studies of Machine Learning application using case studies

Course Faculty

Eminent expert from VNIT, IIIT, Govt. Engineering College and from IT Industry will conduct the sessions.

Eligibility

Faculty from AICTE approved Engineering college and institutions and R&D organizations with basic degree in multi-disciplinary and those who are associated with Artificial Intelligence and Machine Learning.

Registration Fee / accommodation selection criteria

- No registration fees for the participant from AICTE approved institution.
- TA/DA and accommodation as per the AICTE / Institute norms.
- Selection will be based on first cum first serve basis.
- Maximum number of participants will be 50 (Fifty).
- The list of selected participants will be notified on the institute's website www.pcenagpur.edu.in and through e-mail.

How to Apply

Registration of FDP can be done using the link as mentioned below

<https://atalacademy.aicte-india.org/login>

Important Dates

Last date for Registration : 24th Nov 2023
Intimation of Selection: on or before 27th Nov 2023

Contact Us

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