



# ASHOKA

INSTITUTE OF TECHNOLOGY AND MANAGEMENT, VARANASI

(Approved by AICTE & PCI, Affiliated to AKTU)

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow UP

Faculty Development Program (FDP)  
on

**”AI and Machine Learning using Python”**  
**(27-01-2021 to 31-01-2021)**

Organized by

Department of Computer Science & Engineering  
Ashoka Institute of Technology & Management  
Varanasi

(AKTU Code-641)

Sponsored by



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Dept. of CSE, Ashoka Institute, Varanasi

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### Resource Person

Resource Persons are experienced faculty Members from IITs/NITs and experts from industry and other R&D laboratories.



### Eligibility

All the faculty members from Under Graduate/Post Graduate Programmes of AICTE approved Technical Institutes, M.Tech Students, Research Scholars and Professional Working Industry are eligible to participate.

### Registration details

Registration Links:

<https://forms.gle/dR3oKd3PGyLBRaG16>

There is no registration fee for the program.

For more information, log on at:

Website: <https://ashokainstitute.com/>

Email: [cs@ashokainstitute.com](mailto:cs@ashokainstitute.com)

### Certificate Participation

E-Certificate to the participants will be issued on successful completion of the FDP as per the AKTU FDP guidelines.



## About ASHOKA

ASHOKA Institute of Technology and Management came into existence on February 22; 2010 located at heart of the holy city Varanasi at the distance of 3.5 km from the Varanasi Cantt Railway Station and is also near to the place of enlightenment of Lord Buddha, Sarnath (Rishipattan) at the distance of 1.5 km. The institute's location adds vibrancy of the campus and makes it an ideal place for learning. It is safe, secure and provides excellent academic environment. It offers B.Tech in six Engineering disciplines (Computer Science and Engineering, Mechanical Engineering, Electronics and Communication, Electrical Engineering, Civil Engineering and Biotech), B.PHARMA and MBA in 4 specializations (HRM, Marketing, Finance, IT). It aims to excel in arena of technical education covering the objective of imparting superlative skills of teaching hinged on availability of world class infrastructure.

## About the Department

This Department deals with both software and hardware aspects of computer which provides ways to speed up and optimize the work not only of the industry but also of common people. It deals with the development, utilization, inter-relations and confluence of computers, networking, telecommunications and technology and technology management in the context of global interests. The Department of Computer Science and engineering has been dedicated toward creation of an innovative academic environment, which focuses on the overall development of students as well as faculty. Besides academic courses, research and innovation are given due importance. After completion of this course student will be placed in Govt. as well as in corporate sector as a System engineer, Assistant engineer, Programme developer, Software engineer, Trouble shooting expert and Data based administrator.

## About the Programme

Artificial intelligence (AI) is wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence. AI is an interdisciplinary science with multiple approaches, but advancements in machine learning and deep learning are creating a paradigm shift in virtually every sector of the tech industry.

Machine learning feeds a computer data and uses statistical techniques to help it “learn” how to get progressively better at a task, without having been specifically programmed for that task, eliminating the need for millions of lines of written code.

This Faculty Development Programme (FDP) on “Artificial Intelligence and Machine Learning using Python” aims at providing an opportunity to enhance the knowledge about the latest technologies pertaining to Artificial Intelligence and Machine Learning.

This FDP would provide participants with the guidelines to explore the area of Artificial intelligence and its applications. The participants would learn to develop methods for solving problems related to diverse computational fields.

## Objectives

This Faculty Development Programme (FDP) is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects on Applications of “AI and Machine Learning using Python” in the field of Computer Science & Engineering. This Faculty Development Programme (FDP) is aimed to honing the teaching and research skills of prospective, new and seasoned Professional teachers, researchers and trainers. The major topics that would be cover under the FDP are AI and Machine Learning Tools and Analysis.

## Important Dates

Last date for form submission: 24/01/2021

Date of FDP: 27/01/2021 - 31/01/2021

## Convenor

Mr. Arvind Kumar

Assistant Professor & Head

Dept. of Computer Sci. & Engineering

Ashoka Institute of Tech. & Mgmt., Varanasi

Contact No.: +91-8317066128

Email: cs@ashokainstitute.com

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Ashoka Institute of Technology & Management

Ashoka Engineering Chauraha,

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