ABOUT THE PROGRAME

FDTP on **"Artificial Intelligence-An Engineering Milestone"** is to be held on **29th January 2024 to 2nd February 2024**. Artificial Intelligence is a fast-growing field concerned with the study and design of computer algorithms for learning good representations of data, at multiple levels of abstraction. It has widespread application in almost every industry and is considered to be a big technological shift. AI is a transformative force in the engineering field, enhancing efficiency, safety, and innovation. Its ability to process large volumes of data, make predictions, and automate tasks makes it a crucial tool for engineers. This FDTP will give an opportunity to gain expertise in one of the most fascinating and fastest growing areas of Computer Engineering. The participants will be trained with hands- on approach in order to have an in-depth insight into the domain of Artificial Intelligence and expose them to feasibility & future scope.

ABOUT AISSMS POLYTECHNIC

All India Shri Shivaji Memorial Society established in 1917, is a premier educational institution in Pune. Ours is a result oriented society dedicated to the noble cause of military, general, technical & management education in India. It functions beyond race, caste, creed, religion & political spirit. The society management is very pragmatic & progressive. AISSMS Polytechnic affiliated to M.S.B.T.E. Mumbai and approved by AICTE & Govt. of Maharashtra, has started in 1994. The polytechnic offers seven approved courses leading to the award of the diploma in engineering. The student gets exposure to state of art infrastructure that includes more than 40 well equipped laboratories, library enriched with latest teaching aids, high speed internet facility to name a few. Recognition of our institute as a centre of academic excellence is a reflection of clear ideas, technical and scientific knowledge, sense of belonging, discipline and ability to work together.

ABOUT COMPUTER ENGINEERING DEPARTMENT

Computer Engineering Department is accredited by NBA and is prepared to meet the challenges and is playing a leadership role in shaping the education of the 21st Century by providing unique educational and research opportunities in the forefront of Computer Engineering and their applications. The Department regularly arranges seminars, workshop from industry experts for students as well as staff and also organizes industry visits for students.

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Faculty Development Training Program on

"Artificial Intelligence: An Engineering Milestone"

29th January 2024 to 02nd February 2024

Sponsored By
MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

Organized and Conducted by
Department of Computer Engineering (NBA Accredited) / Information Technology

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- Prof. A. A. Shirode
- Dr. S. O. Ahire

IMPORTANT DETAILS

Venue: **Seminar Hall**
Registration Fees: **500/-**
Program Schedule Duration: **5 Days**
Time: **9:00 am to 4:00 pm**
Reporting Date and Time : **29th January 2024, 8:15 am**

ELIGIBILITY AND SEATS

Faculty from Polytechnic Institutes limited to 30 participants on first-come-first-served basis.

PROGRAME OBJECTIVE

- Disseminate the knowledge of Artificial Intelligence and Machine learning.
- Provide conceptual understanding of how Artificial Intelligence can be used to innovate and improve the business process.
- Provide knowledge and hands on sessions on python programming.

The main objective of this program is to make aware the faculty members about this subject and to train them in configuring and using emerging technologies: Artificial Intelligence & Machine Learning and which are used by industrial experts in their respective areas. More Emphasis will be on the practical session of python programming. With help of this program they can develop algorithms.

DAY-WISE SCHEDULE

Day 1
- Session 1:- Inauguration Function
- Session 2:- Introduction to Artificial Intelligence & Machine Learning
- Session 3:- Supervised Learning Algorithm

Day 2
- Session 1:- Unsupervised Learning Algorithms
- Session 2:- Application of Machine Learning Techniques
- Session 3:- Introduction to Deep Learning

Day 3
- Session 1:- Convolutional Neural Networks(CNN) & Recurrent Neural Network (RNN)
- Session 2:- Hands on Sessions on Scope and Future of Data Science
- Session 3:- Learning Python for Data Science

Day 4
- Session 1:- Technical Industrial Visit
- Session 2:- Technical Industrial Visit
- Session 3:- Natural Language Processing/ Text Mining

Day 5
- Session 1:- Introduction to Big data tools for ML
- Session 2:- Assessment Test
- Session 3:- Valedictory Function

25 YEARS OF ACADEMIC EXCELLENCE

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Registration Guideline

- On the MSBTE Portal, click on "I Scheme Implementation" and login by using your college ID and password.
- After logging in, click on Industrial Training Registration and provide the details.
- Click on the Submit button.
- Upload a scanned copy of the principal letter and complete the registration process.
- The selection process is on a "first come, first served basis.
- Once you are selected, you will get an MSBTE order to attend the FDTP.
- While reporting, you have to pay the registration fee.

For more detail, click on the below link.
MSBTE Circular for FDTP Registration Link:
https://msbte.org.in/file/FDTP_Web_Circular_2312 20230513.pdf