About Institute

M.H. SABOO SIDDIK POLYTECHNIC

Originally, the Institute was founded in the year 1936 as a trade school with the object of turning out artisans in some industrial arts and crafts. A major reorganization in its curriculum took place in the year 1945. In 1958, a three-year Diploma program in Civil Engineering was started and five years later, two more Diploma program in Electrical and Mechanical Engineering were added. To cope up with the increasing demand, from 1981 the Polytechnic has increased the intake capacity from 120 to 180 students. Taking into consideration, the development in Industrial Electronics in Maharashtra and Mumbai in particular, the Polytechnic started three-year Diploma in Industrial electronics from the academic year 1981-82. From the academic year 1987-88, the polytechnic has started three - year Diploma in Computer Engineering. A three-year Diploma in Information Technology & Mechanical Engineering (Un-Aided) has been approved and sanctioned by AICTE, New Delhi from the year 2000-01, 2010-11 respectively. In the year 2000 the polytechnic was awarded as "**Best Polytechnic with a cash prize of One Lakh" from Chief Minister, Govt. of Maharashtra.** In the year 2018-19 the polytechnic got **NBA accreditation** and based on the performance the aided seats were increased from 180 to 240. In line with this objective, the institute has assured the quality in technical education by continuous up-gradation of facilities and infrastructure along with the effort to appoint qualified & eligible teachers. We have ISTE chapter, CSI chapter for students.

Registration Process

This being AICTE sponsored FDP-3 there are NO registration charges. However online registration is compulsory.
Please register https://forms.gle/JFChzTkWZG8W9q2y7

Contact for Registration

9821596279 / 9757193997 / 8879273627

Important Links

For registration : https://forms.gle/JFChzTkWZG8W9q2y7
Email : principal@mhssp.org
FDP : http://www.eventsmhssp.in
Institute : www.mhssp.org

FDP-3 Schedule

Date	Morning Session (10 am – 1 pm)	Afternoon Session (3 pm – 5 pm)
27th Apr	Web Scraping	Hands-on Automation of Python
28th Apr	Python Modules	Hands-on Automation of Python
29th Apr	CSV and JSON Data Parsing	Hands-on Automation of Python
30th Apr	Reading Excel Sheet & Performing Data Analysis	Hands-on Automation of Python
2nd May	Project (Application Development)	Hands-on Automation of Python
3rd May	Building ML models without code. (Using Teachable Machine)	Valedictory Session

AICTE – ISTE
Sponsored One Week
Online Faculty Development Programme - 3
on

AUTOMATION/APPLICATION OF PYTHON PROGRAMMING

27 APR - 3 MAY 2021

Timing : 10am to 1pm & 3pm to 5pm

Coordinator

Prof. Zaibunnisa Malik
Principal(Unaided), HOD
Computer Engineering Department

Organized by
Department of Computer Engineering

Anjuman-I-Islam's
M.H. Saboo Siddik Polytechnic
(Approved by AICTE, Affiliated to MSBTE & Accredited by NBA)
Mumbai, Maharashtra
Tel. 022 23006952

For more details visit : www.eventsmhssp.in

About Institute

AICTE has taken various quality initiatives to promote technical education in the country which also includes enhanced impetus on career development of faculty teaching in colleges across the country. AICTE has one of its initiatives to conduct various Faculty Development Programmes for imparting/ upgrading faculty knowledge and skills. For this purpose AICTE – ISTE Sponsored One Week Faculty Development Programme - 3 on " Automation/Application of Python Programming" has been organized & this FDP's main aim is to strengthen the professional development of the faculty members and administrators who deal directly with students & the main goal is to help these educators increase the effectiveness of their teaching, especially in undergraduate programs, so that they are better able to guide students on journeys of inquiry and discovery.

Objective Of The Programme

- To provide hands-on training experience in Automation/Application of Python Programming, exploration of Application of Python's features & advanced concept related to Python.
- Be able to setup application using Web Scraping & Python Modules.
- Be able to implement CSV and JSON Data Parsing & Build ML Model using Teachable machines through Python.
- To motivate teachers from engineering domains like information technology, electronics etc. to adopt new relevant technologies like IA and Data Science using Python.
- To provide platform to faculty members to interact with industry experts from the different domains.
- To create awareness among teachers to include new technologies in all branches of engineering to increase

Issue of Certificate

E- Certificate will be issued based on the session attendance and performance in assessment test.

Eligibility

Teachers from AICTE approved academic and research institutions can attend this course. This course is particularly useful for teachers working/teaching and doing research in the domain of Data Science. Participant should be ISTE Member and if not they should apply for the same through our organizing committee.

Resource Persons

Distinguished faculty members from the renowned institutes like VJTI and industry experts/ trainers working in the domain of machine learning and data science are the resource persons for the FDP.

Course Contents/Highlights

- Web Scraping
- Python Modules
- Reading Excel Sheet & Performing Data Analysis
- CSV and JSON Data Parsing
- Project (Application Development)
- Building ML models without code.(Using Teachable Machine)

Expected Outcome

- Design, develop, and implement powerful Python applications.
- Understand and leverage Web Scraping in their Python applications.
- Understand the concept of Python Modules.
- Understand the concept of How to Read Excel Sheet using python & Performing Data Analysis .
- Leverage and understand CSV & JSON Data Parsing.
- Understand the concept of ML Model using Teachable Machine..

PATRONS

Dr. Zahir I. Kazi — President, Anjuman-I-Islam

Dr. Abdullah Shaikh — Vice President, Anjuman-I-Islam

Dr. Vikhar Ahmed Khan — Executive Chairman, B.V.T.E

Dr. A. K. Kureshi — Principal(Aided) of the Institute

Prof. Zaibunnisa Malik — Principal (Unaided) of the Institute

Organizing Committee

Prof. Zaibunnisa Malik (Coordinator)

Mrs. Lubna Shaikh. (Lecturer, EJ)

Mrs. Samrin Pabrekar (Lecturer, EJ)

Mrs. Munira Ansari (Lecturer,CO)

Ms. Salima Khatib (Lecturer, IT)

Mr. Amin Kazi (Administrative staff)

Mr. Adil Shaikh (Administrative staff)

Programme Evaluation Committee

1. Prof. Zaibunnisa Malik
   Principal (Unaided) of the Institute

2. Ms. Sameera Khan
   I/c Head of Information Technology Department

3. Ms. Munira Ansari
   Subject expert

4. Ms. Salima Khatib
   Subject expert