ABOUT APSCE

The APS Educational Trust, with a proud legacy spanning 89 years of dedicated service in the field of education, operates a network of schools, pre-university institutions, and degree colleges. This trust is led by accomplished individuals in the academic realm who are deeply committed to the betterment of society. In Bangalore, APS is synonymous with delivering high-quality education, and the college represents a significant stride forward in upholding this tradition. With such a formidable reputation, the teaching staff at APS College of Engineering spares no effort in their pursuit of academic excellence. Established in 1997 by the APS Educational Trust, this institution is a private co-educational Engineering and Management college located in Bangalore, India and is affiliated with VTU.

ABOUT MAHER

Meenakshi Academy of Higher Education and Research (MAHER), a Deemed to be University, is a multidisciplinary institution that strives towards societal upliftment by providing world-class education. Established in the year 2004, the institution has made remarkable strides in various spheres and has attained the distinction of being a premier institution in higher education. MAHER is currently headed by the Chancellor, Mrs. R.Gomathi and the Pro-Chancellor , Mrs. Jayanthi Radhakrishnan, who have imbibed the values and commitment advocated by the Founder Chancellor of MAHER (Late) Thiru A.N Radhakrishnan, the visionary architect of this magnificent institution. The fact that MAHER is currently ranked 16th in the National Institution Ranking Framework under the dental category reflects the institution's commitment in maintaining high standards of education. MAHER has also received the international accreditation of ISO 21001:2018 for the Education Organization Management System adopted in the institution. MAHER's commitment towards research excellence is evidenced by its complete funding of patent/IPR processes, generous publication incentive schemes for the faculty and abundant research opportunities/recognitions for the students. This conference is yet another endeavour by MAHER towards fostering research culture and promoting research excellence among the students and faculty members.

ABOUT SIKSHA 'O' ANUSANDHAN

Siksha 'O' Anusandhan (SOA) is a distinguished private deemed university located in Bhubaneswar, Odisha, India. Established in 1996 as the Institute of Technical Education and Research (ITER), SOA has evolved into a prestigious institution with nine accredited schools and colleges. The university offers a wide range of nationally accredited programs, including Engineering, Medicine, Pharmacy, Business, Nursing, Biotechnology, Science, Humanities, Environment, Nano technology, Materials science, Agriculture, and Law with a student body of around 15,000, SOA's campuses span 127 acres in Bhubaneswar. Recognized by the University Grants Commission (UGC) in 2007 as a Deemed to be University, SOA achieved Category-I Graded Autonomy Status in 2022 and SOA University has been ranked at 15th position by NIRF 2023. Highlighting its dedication to providing high-quality education and fostering a dynamic learning environment. Experience academic excellence and innovation at Siksha 'O' Anusandhan University, where students are prepared to become leaders in their respective fields.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was established in the year 1997 right from the inception of the institution with an objective of imparting quality technical education in IT field. The department offers B.E Degree in CSE with an intake of 120 students.
The department houses state of the art laboratories, and it is supported by well trained, committed and experienced teaching faculty who emphasize the theoretical and practical applications of computation and computer systems to the needs of the society using advanced pedagogic methodologies. The department also has a research centre recognized by VTU.

TARGET AUDIENCE

- Faculty members from various disciplines
- Research scholars and postgraduate students
- Professionals and Researchers interested in Data Analytics

ABOUT THE FDP

The FDP on Data Analytics Using Python for Health Care Applicationon provides a comprehensive understanding of the significance of Data Analytics and Visualization in making data-informed decisions. Python's impact on healthcare extends beyond the administrative domain, reaching into areas such as telemedicine, medical imaging, and predictive analytics, ultimately contributing to improved patient care and outcomes.

TOPICS OF DISCUSSION

- Introduction to Data Analytics with Python
- Data Cleaning and Preprocessing
- Data Exploration and Visualization
- Data Analysis and Machine Learning
- Advanced Topics and Health Care Applications

WHO CAN PARTICIPATE

The following can apply and participate in the FDP:
• Faculty members from AICTE approved Institutions Research Scholars, PG students, Participants from Government, Industry (Bereaucrats/Technicians etc and staff of host Institution)

1997

A P S COLLEGE OF ENGINEERING

MEENAKSHI ACADEMY OF HIGHER EDUCATION AND RESEARCH

SIKSHA 'O' ANUSANDHAN UNIVERSITY

Jointly Organizing

Six-Days Faculty Development Program (FDP)

on

DATA ANALYTICS USING PYTHON FOR HEALTH CARE APPLICATIONS

4th Dec 2023 to 9th Dec 2023

Co ordinated by

Department of Computer Science And Engineering, APSCE, Bangalore

OBJECTIVE

The primary objective of this Six-days Faculty Development Program (FDP) is to equip educators, researchers, and professionals with the fundamental skills and practical knowledge required for data analytics using the Python programming language. Participants will learn how to collect, clean, explore, visualize, and analyze data to derive valuable insights.

EXPECTED OUTCOMES:

- Have a solid foundation in data analytics using Python.
- Be proficient in data cleaning, preprocessing, and visualization.
- Understand the basics of machine learning and predictive modeling.
- Be capable of applying data analytics techniques to real-world problems.
- Enhance their data-driven decision-making skills and research capabilities.

CHIEF PATRONS

C A Dr. Vishnu Bharath Alampalli
Hon.President, APSET, Bangalore

Prof. Jayanthi Radhakrishnan
Pro– Chancellor, MAHER, Chennai

Prof. Amit Banerjee
Chancellor, Siksha 'O' Anusandhan, Bhubaneswar

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General Secretary, APSET, Bangalore.

Prof. S C Sharma
GC Chairman APSCE, Vice President APSET, Bangalore

Prof. R. S. Neelakandan
Vice Chancellor, MAHER, Chennai

Prof. Pradipta Kumar Nanda
Vice Chancellor, Siksha 'O' Anusandhan, Bhubaneswar

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Principal, APSCE, Bengaluru

Prof. Shanthi V
Principal, Humanities and Science, MAHER

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Associate Professor, SOA

Prof. Debahuti Mishra
HOD, CSE, SOA

Dr. K S Anand
Professor & Vice Principal, APSCE

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ORGANIZING COMMITTEE

Dr. Krunanidhi
Research Associate, MAHER

Prof. Bhagyashree R
Assistant Professor, APSCE

Prof. Rajashree M Byalal
Assistant Professor, APSCE

REGISTRATION FEE

Registration Fee: Rs. 250/-

Amount can be transferred by following A/C through NEFT/IMPS

PAYMENT DETAILS

Bank Name**: State Bank of India**
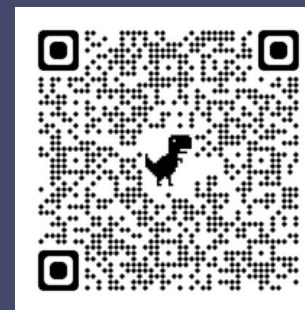Branch**: Kaggalipura**
A/C Type: Savings
A/C Number: 6 4 0 7 6 5 0 2 3 0 4
IFSC Code: S B I N 0 0 2 1 7 3 4
A/C Holder: Principal APS College of Engineering,

Scan for Registration

REGISTRATION FORM

Name : _____

Designation : _____

Department : _____

Organization : _____

Highest Qualification : _____

Experience : _____

Address for Correspondence : _____

Mobile: _____

E mail ID : _____

Date :   Signature: