

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

Established in 1997, the Department of Applied Sciences is staffed by highly qualified and experienced faculty members, including four Ph.D. holders. The department is dedicated to delivering excellent teaching and quality training in the field of Sciences. It provides courses in Applied Physics, Applied Chemistry, and Applied Mathematics, and also offers open electives for students in their 6th and 7th semesters across all the branches. Furthermore, the Department of Physics holds recognition as a Research Centre under VTU.

TARGET AUDIENCE

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

ABOUT THE FDP

The primary objective of this FDP is to equip participants with the comprehensive knowledge and practical skills required to excel in Applied Sciences. Participants will gain expertise in current trends of Applied Sciences, enabling them to gain knowledge & develop new applications.

TOPICS OF DISCUSSION

- Research Methodology
- Nanomaterials for solar applications
- Luminescence and Sensors
- Quantum computing and applications
- Advances in nanomaterials

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 (Bureaucrats/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

**CURRENT TRENDS IN
APPLIED SCIENCES**

4th Dec 2023 to 9th Dec 2023

**Department of Physics, Chemistry
and Mathematics
APSCE, Bangalore.**

OBJECTIVE

The primary objective of this FDP is to equip participants with the comprehensive knowledge and practical skills required to excel in Applied Sciences. Participants will gain expertise in current trends of Applied Sciences, enabling them to gain knowledge & develop new applications.

EXPECTED OUTCOMES:

- Gain cutting-edge insights in applied sciences, embracing advancements in fields like AI, biotechnology, and environmental science.
- Develop and implement modern, interactive teaching methods that integrate the latest scientific trends into curricula.
- Foster research excellence and collaborative networks, linking academia with industry for real-world applications.

CHIEF PATRONS

C A Dr. Vishnu Bharath Alampalli

Hon. President, APSET, Bangalore.

Dr. Jayanthi Radhakrishnan

Pro-Chancellor, MAHER, Chennai

Prof. Amit Banerjee

Chancellor, Siksha 'O' Anusandhan, Bhubaneswar

PATRONS

Prof. A Prakash

General Secretary, APSET, Bangalore.

Prof. S C Sharma

GC Chairman APSCE, Vice President APSET, Bangalore.

Prof. Dr. R. S. Neelakandan

Vice Chancellor, MAHER, Chennai

Prof. Pradipta Kumar Nanda

Vice Chancellor, Siksha 'O' Anusandhan, Bhubaneswar

CONVENER

Dr. D G Anand

Principal, APSCE, Bangalore

Dr. K S Anand

Professor & Vice Principal, APSCE

Prof. Sujata Mishra

HOD, Chemistry, SOA

Prof. S.K.Kamila

HOD, Physics, SOA

ORGANIZING SECRETARIES

Dr. Ravikumar R

TPO, APSCE

Dr. Kumar S T

Professor & HOD, Physics, APSCE

Dr. Durga. B

Vice Principal, FAHS, MAHER

FDP COORDINATORS

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ORGANIZING COMMITTEE

Dr. Protyusha Guha Biswas

Professor, SOA

Dr. K R Sridhar

Professor & Head, Maths, APSCE

Dr. Narasimha R Parvatikar

Professor, APSCE

Dr. Manohar M S

Assistant Professor, APSCE

Prof. Priyanka B R

Assistant Professor, APSCE

Prof. Raghavendra Kashyap

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

[Scan for Registration](#)

A/C Holder: Principal APS College of Engineering



REGISTRATION FORM

Name : _____

Designation : _____

Department : _____

Organization : _____

Highest Qualification : _____

Experience : _____

Address for Correspondence : _____

Mobile: _____

E mail ID : _____

Date :

Signature