

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

Electronics and Communication Engineering Department at APSCE was started in 1997 with dedicated staff and has VTU Research Centre. ECE Department has state of the art laboratories to support beyond VTU curriculum. Department conducts co - curricular and extra - curricular activities regularly through the Department forum – Elektronika. It is recognized as Nodal Centre for ISRO – IIRS outreach programs. The department is supported by well trained, committed and experienced teaching faculty who emphasize the theoretical and practical applications to the needs of the society using advanced pedagogic methodologies.

TARGET AUDIENCE

- Faculty members from various disciplines
- Research scholars and postgraduate students
- Professionals and Researchers interested in Electrical Vehicle Technology

ABOUT THE FDP

The FDP on Electrical Vehicle Technology for Hospital Mobility provides a comprehensive understanding of the significance of Green Mobility. The adoption of Electrical Vehicle Technology for hospital mobility aligns with the global shift towards sustainable and efficient healthcare practices. By leveraging the benefits of EVs, hospitals can enhance patient care, reduce environmental impact, and contribute to the advancement of a greener and healthier future.

TOPICS OF DISCUSSION

- Introduction to EV Technologies for Hospital Mobility
- Scope of EV Technologies in Hospital Mobility
- Cell Balancing Techniques in Battery Management System for Hospital EVs
- Design of Vehicle Dynamics in Electric Vehicles for Hospital Mobility
- Recent Trends in Transmission Used for Electric Vehicles in Hospital Settings

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)



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

**ELECTRICAL VEHICLE
TECHNOLOGIES FOR HOSPITAL
MOBILITY**

4th Dec 2023 to 9th Dec 2023

**Department of Electronics and
Communication Engineering,
APSCE, Bangalore**

OBJECTIVE

The primary objective of this six-day Faculty Development Program (FDP) is to equip educators, researchers, and professionals with the fundamental skills and practical knowledge required for designing and implementing breakthrough innovations for Electrical Vehicle Technologies solutions.

EXPECTED OUTCOMES:

- Develop practical skills in designing and implementing break through innovations for Electrical Vehicle Technologies solutions.
- Be well-prepared to teach Electrical Vehicle Technologies courses and mentor students in Electrical Vehicle Technologies projects.
- Understand the break through, safety and security considerations of Electrical Vehicle Technologies.
- Build a network of peers and industry connections for ongoing collaboration.

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

PATRONS

Prof. A Prakash

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

CONVENER

Dr. D G Anand

Principal, APSCE, Bangalore

Prof. Dr. Ponmurugan P

Associate Dean IPR, MAHER

Dr.Renu Sharma

Professor, SOA

Dr.Praveen Priyaranjan Nayak

Associate Professor, SOA

Dr. K S Anand

Professor & Vice Principal, APSCE

ORGANIZING SECRETARIES

Dr. Ravikumar R

TPO, APSCE

Prof. Purva Kamath

HOD (I/C) ECE , APSCE

Dr. Satish Samal

Assistant Professor, SOA

Dr. Manoj Debnath

Assistant Professor, SOA

Dr. K Shankar

Professor and Head, MMCHRI, MAHER

FDP COORDINATORS

Prof. S Chandra Sekhar, APSCE

Mob : 98801 99447

ORGANIZING COMMITTEE

Dr. Jaiganesh I

Assistant Professor, MAHER

Prof. Usha H N

Assistant Professor, APSCE

Prof. T Jesudas

Assistant Professor, APSCE

Dr. Nayak D C

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