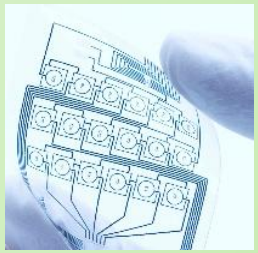
About the Institution:

M.A.M. School of Engineering, was established in the year 2010 by the founder Janab M. Abdul Majedu. MAMSE is affiliated to Anna University, Chennai and approved by the All-India Council of Technical Education (AICTE). The College is accredited by NAAC. MAMSE was conferred autonomous status in 2024. The College has 9 UG courses (AIDS,AE,BME,CSE,ECE, EEE, IT, Mech and Mechatronics Engineering) and 2 PG courses such as Power Electronics and Drives and Computer Integrated Manufacturing. The College has grown from strength to strength in the last 14 years and progressing towards Excellence in Engineering Education, Research and Development. MAMSE uses innovative teaching methods to fulfill the needs of young learners. MAMSE "Centre for International affairs" assists students explore opportunities to work and study in foreign countries. The college has obtained many awards & recognitions from various government/private authorities and received research grants from DST, AICTE, TNSCST, MHRD etc. Our faculty are actively engaged in research that leads to numerous patents and publications.

About the Department:

The Electronics and Communication Engineering (ECE) Department is committed to excellence in education and research. Our programs are designed to prepare students for successful careers in the ever-evolving fields of Electronics and Communication Engineering. We offer state-of-the-art facilities that provide hands-on learning and research opportunities, including Communication Systems Lab, Signal Processing Lab, VLSI Design Lab, Embedded Systems Lab, and IoT Lab. Our graduates are highly valued in a variety of industries include Telecommunications Engineering, Embedded System Design, VLSI Design and Microelectronics, Signal Processing Engineering, IoT Development, Research and Development. We encourage a vibrant student community through various organizations and activities, such as IETE Student Chapter. Our department has secured significant funding for various projects from Tamilnadu State Council for Science and Technology (TNSCST). Our department have developed innovative communication project under "Naan Mudhalvan Grand Innovation & Skilling Challenge Niral Thiruvizha 2024".



One Week Faculty Development Program on

"Recent Trends in Flexible and Transparent Electronics"

5.08.2024 to 10.08.2024

Sponsored by AICTE, New Delhi
Under
AICTE Training & Learning Academy (ATAL)

Organized by

Department of
Electronics and Communication Engineering
M.A.M. SCHOOL OF ENGINEERING
(Autonomous)

Accredited by NAAC|| Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Siruganur, Trichy 621 105

About FDP:

Faculty Development Program (FDP) on "Recent Trends in Flexible and Transparent Electronics" would be designed to provide comprehensive knowledge and practical skills to educators and researchers. Recent trends in flexible and transparent electronics focus on the development of advanced materials like graphene, organic semiconductors, and metal nanowires. These innovations enable the creation of highly flexible, stretchable, and transparent devices. Applications include flexible displays, wearable sensors, and transparent conductive films, driving advancements in consumer electronics, healthcare, and energy devices. It include significant advancements in materials like graphene, organic semiconductors, and metal nanowires, which enhance performance and flexibility. Innovations in fabrication techniques, such as inkjet printing and roll-to-roll processing, enable scalable and cost-effective production. Applications are expanding in areas like flexible displays, wearable devices, and transparent conductors, driving the development of new consumer electronics and medical devices. These trends are paving the way for more versatile and integrated electronic systems.

Registration:

Please click link below to register

https://atalacademy.aicte-india.org/login

Selection Criteria:

The number of seats is limited to 50. ATAL FDPs are completely free for participants. Selection of the participants will be based on first come first serve and based on their area of research work.

Eligibility:

This course is open to Associate, Assistant, Research scholars & PG students of AICTE approved engineering colleges. Certificates issued upon successful completion of 6 Days FDP with a minimum attendance of 80% and score more than 60% in the comprehensive assessment.

Topics to be Covered:

- **VLSI Design Modelling**
- **Wearable Electronics for biomedical**
- **Microwave Integrated Circuits**
- **Advanced IoT System Integration and Industrial Applications**
- **PLC Application in Industry 4.0**
- **Industrial Electronics**
- **Self-heating on study of nano scale devices**
- **Flexible antennas for future wireless communication**
- **Photonic Crystal Biosensor for Wearable**
- **Nano sheet transistors and its future applications**

Accommodation:

- **Accommodation will be provided on a first come first serve basis at the college hostel.**

Resource Persons:

Dr.N.B.Balamurugan, Professor
Thiyagarajar College of Engineering, Madurai

Dr.T.Jayasankar, Assistant Professor (Sr.Gr)
University College of Engineering,
BIT Campus, Anna University, Trichy

Dr.S.Raghavan, Former Professor (HAG)
National Institute of Technology (NIT), Trichy

Dr.S.Senthil Kumar, Assistant Professor
University College of Engineering, Ariyalur

Dr.K.Sivasankaran, Professor
Vellore Institute of Technology, Vellore

Dr D Sriram Kumar, Professor
National Institute of Technology, Trichy

Dr. A. Rajesh, Associate Professor
SASTRA University, Tanjore

Dr. D. Nirmal, Professor
Karunya Institute of Technology and Sciences, Coimbatore

Mr.S.Ravi, Founder & CEO
Innovaskills Technologies Private Limited, Bangalore

Mr.C Srinivasan, CEO & Founder
Polenza Technologies Private Limited, Chennai.

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