



M.A.M. COLLEGE OF ENGINEERING AND TECHNOLOGY

Siruganur, Tiruchirappalli, Tamil Nadu, India – 621 105.



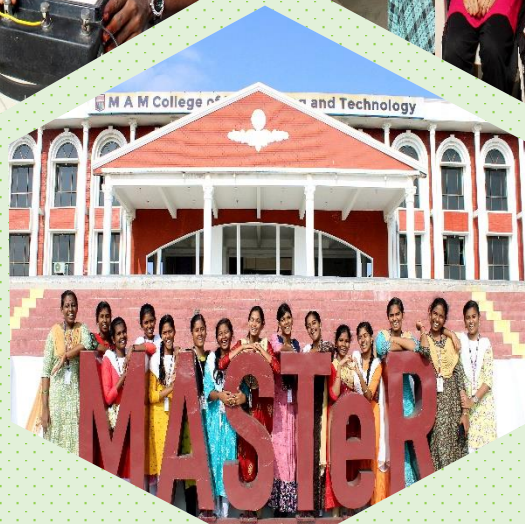
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NEWSLETTER

-----JUN 2023- DEC 2023-----

...Tesla...



EDITORIAL TEAM

Faculty Coordinator

Prof. A.Mary Beula AsP/EEE

Prof. R.Surendar AP/EEE

Prof. J.Nagendran AP/EEE

Prof. Uhayachandran AP/English

Student Coordinator

R.Gopalakrishnan –IV EEE

S.Devaraj –III EEE



MAMCET
M.A.M. COLLEGE OF
ENGINEERING
& TECHNOLOGY

VISION

To mould the young minds of electrical and electronics engineering professionals with high standard of education, research and innovation to serve the society ethically.

MISSION

- To provide comprehensive education for the students to excel in the field of Electrical and Electronics Engineering.
- To facilitate a supportive environment to enhance research and innovation.
- To impart industry oriented technical skills through collaborative activities
- To inculcate professional ethics and human values among student community.
- To nurture the communication and leadership skills among students through multidisciplinary activities.



PROGRAM EDUCATIONAL OBJECTIVE

PEO1: To equip students with a strong foundation in technical knowledge and skills in Electrical and Electronics Engineering, enabling them to excel in their chosen careers.

PEO2: To develop students' communication skills, enabling them to effectively convey technical information and collaborate with others in a professional setting.

PEO3: To foster creativity and innovation among students, encouraging them to think critically and solve complex problems in Electrical and Electronics Engineering.

PEO4: To instill students to demonstrate ethical behavior and professional responsibility in their work.

PROGRAM SPECIFIC OBJECTIVE

PSO1: To design, develop, and implement modern technologies for solid state devices and circuits, control systems, and power systems by incorporating principles from basic science, engineering science, humanities, and social science.

PSO2: To analyze and evaluate the performance of electrical & electronic systems using simulation and modeling techniques.

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••Faculty Development Program••

- Our faculty members, **Mr. R.Surendar AP/EEE and Mr.N.Mayavel**, attended one week national level online FDP on “**Recent Trends in Green Energy Initiatives and Soft Computing Techniques**” organized by **Mahatma Gandhi Institute of Technology, Hyderabad** on 11th July -15th July 2023.
- Our faculty member, **Mr. N.Mayavel AP/EEE**, attended a five-days Nan Mudhalvan FDP on “**Drone Design and Testing**” jointly organized by **BIT Campus, Anna University, Trichy** and on 24th July -28th July 2023.
- Our faculty members, **Mr. R.Surendar AP/EEE and Mr.N.Mayavel**, attended a five-days National Level one week FDP on “**Recent Advances and Challenges in Electric Vehicles**” organized by **KJ College of Engineering and Management Research, Pune** on 21st Aug -25th Aug 2023.
- Our faculty member, **Mr. N.Mayavel AP/EEE**, attended a five-days National Level FDP on “**Exploring Teaching Strategies and Research Scope in Renewable Energy Sectors**” organized by **Hindusthan College of Engineering and Technology, Coimbatore** on 02nd Jan -06th Jan 2024.
- Our faculty member, **Mrs. L.Glarida Amala AP/EEE**, attended a five-days FDP on “**Artificial Intelligence and Machine Learning**” organized by **KSR Institute for Engineering and Technology, Tiruchengode** and on 08st Jan -12th Jan 2024.

PALS:

- Our faculty members, **Mr.J.Nagendran. AP/EEE**, attended at three-days FDP on “**Virtual Labs**” organized by PALS associated with NITK Surathkal on 16th Oct -18th Oct 2023.
- Our faculty members, **Ms.A.Abirami AP/EEE**, attended at three-days Industry assisted online FDP on “**Emerging Technologies & real-world applications**” organized by PALS associated with Industry Experts on 22nd Nov -24th Nov 2023.

••Events Organized••

SEMINAR

A seminar was presented by **Dr.J.Sathiyarayanan Asst.Executive, Electrical Engineer, Railways & Er.S.Samidas Retd.General Manager, BHEL, Trichy** on 26.10.2023 about 'Career Options for Electrical Engineer'. This programme was mainly focused on how the electrical career going in recent trends. The session was more informative. More than 80 students actively participated and got benefitted from the seminar.



M.A.M. College of Engineering and Technology

Department of EEE in association with TESLA Student Association
IE(I) Student's Chapter, Tiruchirappalli & ENERGY Club Organizing

DATE & TIME
26.10.2023 & 1.30 P.M

SEMINAR ON "CAREER OPTIONS FOR ELECTRICAL ENGINEERS"



RESOURCE PERSON

Dr.J.SATHIYANARAYANAN
ASST.EXECUTIVE
ELECTRICAL ENGINEER,
SOUTHERN RAILWAYS
&
Er.S.SAMIDAS
Retd.GENERAL MANAGER,
BHEL - TRICHY

Venue

NEWTON HALL



Group of
Institutions

www.mamcet.com

Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105



SEMINAR

A seminar was presented by **Mr.N.Ramesh, Managing Director, Vethaa Milk Products. Trichy** on 28.11.2023'. This programme was mainly focused on how sustain successful entrepreneur in recent world. Both faculty and students attended the program in offline mode. This program was very useful to both of them.

M.A.M. COLLEGE OF ENGINEERING AND TECHNOLOGY
 (Affiliated to Anna University, Approved by AICTE - New Delhi)
 Siruganur, Tiruchirappalli - 621 105.

INSTITUTION'S INNOVATION COUNCIL (IIC)
 In association with
Department of Electrical and Electronic Engineering
 Organizes
 IIC 6.0 - Calendar Activity
Motivational Speech by Successful Entrepreneur

TUESDAY
28 /11/ 2023
TIME:
10.00 AM
Venue: Newton Hall

Chief Guest:
MR.N.RAMESH
 Managing Director
 Vethaa Milk Products



•••Seminars and Workshops•••

Hands On Traning:

The hands on training was conducted by III and IV year students on **14.10.2023** and **29.04.2023** about **'Innovative Electronics'**. This training program mainly focused on basic projects in electrical and electronics. This program is very informative. The students applauded the programme to a great extent.

M.A.M. College of Engineering and Technology
Department of EEE in association with IE(I) Student's Chapter,
Tiruchirappalli & TESLA Student Association

"Hands on Training on Innovative Electronics"

Resource Person
III Year & IV Year Students

Venue
Power Electronics Lab, EEE Department

MASTER Group of Institutions
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Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105



SEMINAR:

A seminar was presented by **Mr.M.Priya Darshan, Film Editor, Chennai** on **09.11.2023**. This programme was mainly focused on how to edit film by existing tool and new tool available in recent trends. Both faculty and students attended the program in offline mode. This program was very useful for both of us.

M.A.M. College of Engineering and Technology
Department of EEE & Department of Civil in Association with TESLA Student Association
IE(I) Student's Chapter, Tiruchirappalli, ICI Student's Chapter Organizing

SEMINAR ON FILM APPRECIATION

GUEST SPEAKER

Mr.M.Priya Darshan
Film Editor - Chennai

Date & Time : 09.11.2023 & 2.00 P.M
Venue : Charles Corien Hall

About Seminar
To study the various innovative editing techniques for video and photography



••Student Achievements••

IIT Research Park

- Our department students attended the program on “Impossible is Possible” at Indian Institute of Technology, Research Park at Chennai from 21st July 2023 to 2nd July 2023. Through this programme, our students got more information regarding Autonomous vehicle wheels. The students opined that the programme was very informative and useful for them.



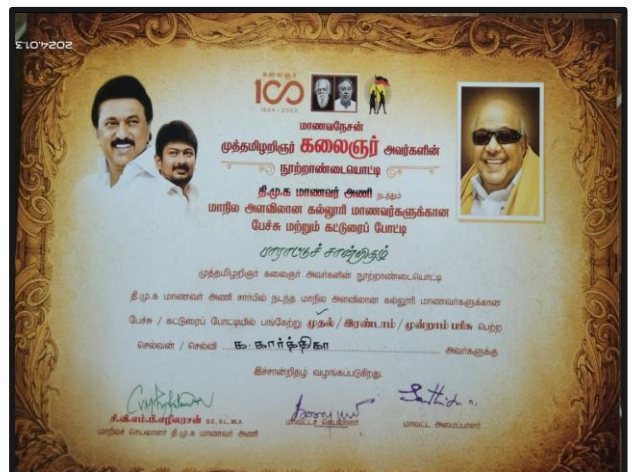
PALS Programme:

- Our department students attended the program on “Industry applications of Electric Vehicle, in IIT M, Chennai on 26th Sep. Through this programme, our students got more information regarding electric vehicle. The students very actively attended the programme, it was very informative and useful for them.



External Event:

- ❖ Our department II Year EEE student **K.Karthika** participated in **National level speaking and essay writing organized by DMK youth wing, Trichy** on **26.08.2023**. She won **first prize** and was presented with a certificate and rupees 10,000/- cash award on the occasion.



•••Student Achievements•••

- ❖ Our department III Year EEE student **D.Abdul Ajees** participated in **National level Technical Symposium Techyan'23** organized by **Kongunadu College of Engineering and Technology, Trichy** on 26.08.2023. He won **second prize** in 'Paper Presentation'. And Circuit Debugging. He was presented with a certificate and rupess 1000/- cash award on the occasion.
- ❖ Our department IV Year EEE student **Deenadhayalan** participated in **National level Technical Symposium E3 Fest-2K23** organized by **Dhanalakshmi College of Engineering and Technology, Perambalur** on 21.09.2023. He won **second prize** in the event 'Technical Qiuiz'. He was presented with a certificate and a shield on the occasion.
- ❖ Our department II Year EEE student **G.Sandhiya** participated in **National level Technical Symposium HERTZ'23-2.0** organized by **Care College of Engineering, Trichy** on 20.10.2023. He won **first prize** in the event 'Minute Madness'. She was presented with a certificate and a shield on the occasion.
- ❖ Our department II Year EEE student **S.Hafeesa Nasreen** participated in **National level Technical Symposium HERTZ'23-2.0** organized by **Care College of Engineering, Trichy** on 20.10.2023. He won **first prize** in the event 'Technical Quiz'. She was presented with a certificate and a shield on the occasion.

PALS Activity:

- The following students attended Industry assisted online lecture series on Emerging Technologies and Real-World Applications, conducted by PALS with support from leading industry experts from 12th Oct to 26th Oct 2023.
- The 25 students from III and IV year attended Industry assisted online lecture series on Electric Vehicles- Vehicle Dynamics, Motors and Controllers, conducted by PALS and MotorZ from 1^{0th} Aug to 07th Sep 2023.



PALS 2023 - 24

PALS INDUSTRY ASSISTED LECTURE SERIES

SPEAKER

Ms. Pooja Aggarwal & Mr. Pranjal Gupta
IBM Research – India

TOPIC

AI for IoT (AI/Ops basic)

Date : 19th October 2023 || Time : 01.30 PM – 03.30 PM
VIRTUAL EVENT (Contact Organizer for more details)

PHONE : +91 95002 54011	With the Support from INDUSTRY PARTNERS	IIT Madras Alumni Association Office,
EMAIL : palspgm@gmail.com		CCW building,
WEB SITE : www.palspgm.com		IIT M Campus, Chennai – 600 036



●●Placement Details●●

Final Year EEE : Batch 2020-2024

S:No	Company Name	Date	Name	Job Role	Salary
1	PIE INFOCOMM, LUCKNOW	06-10- 2023	GOPALAKRISHNAN R	AUTOMATION ENGINEER	6.5 LPA
2	SVASTI TECHNOLOGY SOLUTIONS, TRICHY	10-11- 2023	CHANDRASEKAR S	WEB DEVELOPER	7.0PA
3			KARTHICK ROJER VENIS S		
4	QSPIDERS, BANGALORE	16-11- 2023	SREE GANESH RAM G	SOFTWARE ENGINEERING TRAINEE	4.8 LPA
			VASANTH R		
			AFSAL ABBAS A		
5	SRI SAI POWER AND EQUIPMENTS PVT. LTD., TRICHY	17-11- 2023	DEENATHAYALAN A	OPERATION & MAINTENANCE ENGINEER	2.04 LPA
6			GEOSH SALVIUS G		
7			RAJAN A		
8			SANTHA KUMAR G		
9			SUBASHAN G		
10			VASANTH R		
11	NAAN THALAIVAN THITTAM - VIZHI AWAKENING TRUST	09-12- 2023	GEOSH SALVIUS G	DEFENCE OFFICER PRELIMINARY - SELECTED	

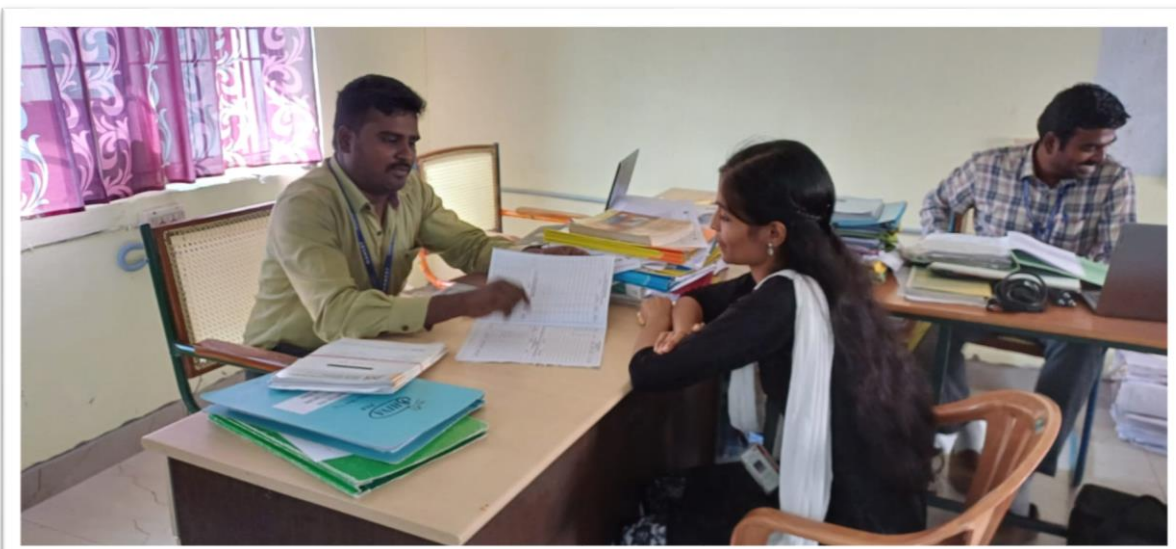
•••Publications•••

Our department faculty **Dr.S.Rajasekaran Prof/EEE** has published the journal paper titled **“Assessment of PQ issues using dynamic voltage restorer with adaptive filter”** in Journal of Biomechanical Science and Engineering.

•••Mentor Mentee Meeting•••

The main motto of this meeting was to accelerate the personal and professional development in academic and non-academic activities. The benefits of this meeting was encouraged and empowered in personal development and helped to identify and correct gaps in generic skills and knowledge. Mentor-Mentee meeting was conducted by individual faculties to allotted mentees.

- ❖ **Mentor – Mentee Meeting 1** was conducted on 07.10.23 for II year, 10.08.2023 for III Year and IV Year. Students Profile updation, Attendance, Family background & Understandability were discussed.
- ❖ **Mentor – Mentee Meeting 2** was conducted on 09.11.23 for II year, 13.9.23 for III Year and IV Year. Students were instructed to study for internal assessment and also insisted to collect the materials. Continuous Internal Assessment-I performance of the students was discussed.
- ❖ **Mentor – Mentee Meeting 3** was conducted on 04.12.23 for II year, 10.10.23 for III Year & IV Year students. Continuous Internal Assessment-II Performance of the students was discussed. Their grievances and inabilities were discussed in the one –one, mentor –mentee session.



••Class Committee Meeting••

Class committee meeting was conducted three times per semester by chair person, subject handling faculties along with students to interact and express the opinions and suggestions of the class students to improve the effectiveness of the teaching-learning process.

- ❖ Class committees meeting with students of II years were conducted on 29.09.2023, 07.11.2023 and 30.11.2023 and III and IV year were conducted on 02.08.2023, 12.09.2023 and 06.10.2023. Students Feedback and their learning experiences and difficulties were discussed.
- ❖ Discussion on Students grievances about the subjects - both theory and practicals were addressed and rectified by the respective chairpersons of each class. Analyzing the performance of the class students after CIA- I & CIA -II and finding the difficulties and means of solving problems for the poor performance of the students in various subjects to conduct coaching classes were arranged for below average students in order to improve their results in the university examination.
- ❖ Students were motivated to participate in various technical events and online certification courses and competitions conducted by other institutions in and around Trichy.



•••Parents Teacher Meeting•••

Once in every fifteen days the parents teachers meeting was conducted by our department for all the students. The motto of this meeting was to disseminate their performance in academic and extra co-curricular activities in addition to maintain a good relationship with the students as well as parents. In Final meeting, we were distribute the prizes for toppers in anna university examinations.



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