



MOHAMED SATHAK ENGINEERING COLLEGE

KILAKARAI-623 806, RAMANATHAPURAM DIST.

AN AUTONOMOUS INSTITUTION



(Recognized under section 2(f) & 12B of UGC, NewDelhi)

Approved by AICTE, COA, New Delhi, DGS Mumbai, Affiliated to Anna University, An ISO 9001:2015 Institution, Sponsored by Mohamed Sathak Trust, Chennai - 06.

Department of Electrical and Electronics Engineering



NEWS LETTER

(July-December 2024)



INSTITUTE VISION

To be an institution of repute and rare creativity in providing quality education with technical endeavor and research opportunities of very high standards to the students, who in turn shall contribute to the advancement of the society and human kind.

INSTITUTE MISSION

- To provide Quality Education to the students across the country.
- To motivate them to acquire skills and disseminate knowledge.
- To achieve academic and Professional excellence.
- To offer the frontline facilities and sophisticated environment.
- To endow with Expertise Faculty by providing opportunity to promote the students' skills and knowledge.

DEPARTMENT VISION

To transform students into progressive thinkers in engineering by imparting global quality and creative education in Teaching, Learning, and Research in the field of Electrical and Electronics Engineering for the benefit of a disciplined and environmentally friendly society.

DEPARTMENT MISSION

M1: To impart real-time education in engineering thinking skills and solving real-life problems for the benefit of society.

M2: To ensure continuous provision of the technologically innovative and growth-rich learning environment.

M3: To provide an enabling environment for the development of capable professionals, researchers, and effective entrepreneurs with leadership qualities.

M4: To establish a technology-oriented center of excellence for the development of the engineering industry, R&D institutions, and new development policies envisaged by the central state government.

M5: To emphasize the sense of values of professional integrity and social ethics that evolves into responsible citizen of India full of individual morals.



ABOUT THE DEPARTMENT





Electrical and Electronics Engineering Department was established in the year 1995. The Department of Electrical and Electronics Engineering of Mohamed Sathak Engineering College is set in lush greenery. Drawing upon MSEC's tradition of teaching excellence, the Department of EEE works closely together in an open, collegial atmosphere. The department has well qualified and experienced faculty with specializations in various branches of Electrical and Electronics Engineering, such as Power Systems Engineering, Power Electronics and Drives, Energy Engineering, Applied Electronics etc.,

The Department is maintaining its superior position with respect to the pass percentage of Anna University, Chennai in Madurai zone. The Department has several laboratories as per the requirements of Anna University. The laboratories are fully equipped with latest equipment. The labs are: Power System simulation Laboratory, Power Electronics Laboratory, Electrical Machines Laboratory (AC Machines and DC Machines), Control System Laboratory, Measurements and Instrumentation Laboratory, Microprocessor and Microcontroller Laboratory, Electrical Circuits Laboratory etc.

The department has been producing Electrical and Electronics Engineers from 1995 onwards and so the Alumni are well placed across the nation / world and hence outgoing students are very much benefitted in all aspects for assistance and placement. This department is a identical twin department offering B.E Electrical Engineering from year of 1995 and M.E. Power Systems Engineering from year of 2012.

Our Mission is to educate students from all over India, including those from the local and rural areas, so that they become enlightened individuals, improving the living standards of their families, industry and society. We provide individual attention and world class quality of education. The Department has been accredited by NAAC (National Assessment and Accreditation Council). The EEE Department has been organizing many symposium, guest lectures and the IEI, ISTE Chapter. The Department has well equipped facilities like Standard labs and a Seminar hall.

TEACHING STAFF DETAILS

| | |
|--|---|
| Dr.A.MANJULA ,M.E.,Ph.D. <i>Associate Professor and Head</i> |  |
| Mrs.S.CHITRA DEVI ,M.E.,(Ph.D). <i>Associate Professor</i> |  |
| Dr.R.NIRAIMATHI ,M.E.,Ph.D. <i>Associate Professor</i> |  |
| Dr.S.LAKSHMI KANTHAN BHARATHI, M.E.,Ph.D. <i>Associate Professor</i> |  |
| Mrs.A.USHA ,M.E.,(Ph.D). <i>Assistant Professor</i> |  |
| Mr.S.SYED MUSTHAFA GANI ,M.E.,(Ph.D). <i>Assistant Professor</i> |  |
| Mrs.P.RADHA ,M.E.,(Ph.D). <i>Assistant Professor</i> |  |
| Mrs.P.SUJIDHA ,M.E.,(Ph.D). <i>Assistant Professor</i> |  |
| Mr.N.AHAMED HUSSAIN ASIF , M.E.,(PhD). <i>Assistant Professor</i> |  |
| Ms.N.THILLAINAYAGI ,M.E.,(Ph.D). <i>Assistant Professor</i> |  |

Student Achievements

Class Toppers

| SECOND YEAR(UPTO 2 RD SEM) | | | |
|----------------------------|---------|-----------------------|------|
| S.NO | TOPPERS | NAME WITH INITIAL | CGPA |
| 1 | FIRST | AHAMED RIFAYDEEN S | 8.43 |
| 2 | SECOND | SALMANUL FARIZI S | 7.96 |
| 3 | THIRD | GOWRISANKAR B.K | 7.94 |
| THIRD YEAR (UPTO 4TH SEM) | | | |
| S.NO | TOPPERS | NAME WITH INITIAL | CGPA |
| 1 | FIRST | MOHAIDEEN ABBAS P | 8.22 |
| 2 | SECOND | ABDUL KADIR MOULANA J | 8.13 |
| 3 | THIRD | EBIN RAJ T | 8.12 |
| FINAL YEAR(UPTO 6TH SEM) | | | |
| S.NO | TOPPERS | NAME WITH INITIAL | CGPA |
| 1 | FIRST | AHAMED USAMA.S | 8.09 |
| 2 | SECOND | IRSATH ALI.S | 8.07 |
| 3 | THIRD | MOHAMED RIYAFIQ.R | 8.05 |

Student Placement

9 Final Year EEE Students Shortlisted in Delphi TVS Pvt Ltd.

1. A.Aabith
2. Ahamed Usama
3. Irsath Ali S
4. Mohamed Riyafiq R
5. Muhammed Salahudheen T
6. Muhammed Suhail Kp
7. N.M.S.Ameer Ajmal Deen
8. T.Gokula Kannan
9. Varusai Ibrahim U

6 Final Year students EEE Shortlisted in Joseph Engineering Services.

1. Mohamed Riyafiq R
2. Ramkumar M
3. Srikanth A
4. Vishnu Balaji R
5. A.Aabith
6. Ahamed Usama

Participation In Inter-Institute Events By Students

- Mr. Mohamed Aathil Won a Cash Prize Rs 10,000 in Speech Competition Organized by Tamil Nadu Government.



L&T Techgium Participation Details

| S.No | PID | Team Details | Title | Mentor |
|------|------------|--|--|------------------|
| 1. | TG08005272 | Ebin Raj Anasudeen S | Mini-propelled under water autonomus robot | P.Sujidha AP/EEE |
| 2. | TG08004851 | Mohaideen Abbas P Mohamed Aathil | Enhance Indoor Air Quality in Air Conditioned Spaces | P.Sujidha AP/EEE |
| 3. | TG08002863 | A. Aabidh Haroon Ismail | Advanced Lightening Detection System for a Wind Turbine | P.Sujidha AP/EEE |
| 4. | TG08002822 | Mohamed Thovebik Mohamed Riyafiq Sri kanth | Design and analysis of Battery Thermal Management for Electric Vehicles. | P.Sujidha AP/EEE |

Smart India Hackthan Participation

| Team Name | Team Members | Stream | Academic Year | Mentor | Theme |
|----------------------|-----------------------------|--------|---------------|--------------------------|--------------------|
| Alpha storm | M.Vignesh | EEE | III YEAR | Mrs.P.Sujidha, AP\EEE | Student Innovation |
| | P.Vinith | EEE | III YEAR | | |
| | J.Durai Navin | EEE | III YEAR | | |
| | R.Dharshini | AGRI | III YEAR | | |
| | I.Cinthamani | AGRI | III YEAR | | |
| | K.Devipriya | IT | III YEAR | | |
| Straw Hats EEE | Ebin Raj | EEE | III YEAR | Mrs.P.Sujidha, AP\EEE | Student Innovation |
| | Anasudeen | EEE | III YEAR | | |
| | Mohamed Najeem | EEE | III YEAR | | |
| | Mohamed Riyan | EEE | III YEAR | | |
| | Sabi Ashoritha | IT | III YEAR | | |
| | Mohammad Moinudeen | ECE | III YEAR | | |
| PROFESSIONAL PIRATES | S.Ahamed Rifaydeen | EEE | II YEAR | Mrs.P.Sujidha ,AP\EEE | Student Innovation |
| | M.Seyed Mohamed Buhari | EEE | II YEAR | | |
| | T.A.Mohammed fathil | EEE | II YEAR | | |
| | M.Gayathri | ECE | III YEAR | | |
| | N.Sakthi Abinath | IT | II YEAR | | |
| | P.Yamuna | ECE | III YEAR | | |
| Team Exelon | Mohamed Aathil | EEE | III YEAR | Mrs.P.Sujidha, AP\EEE | Student Innovation |
| | Mohammed Shammash Kalliyath | EEE | III YEAR | | |
| | Muhammed Danish | CSE | III YEAR | | |
| | Dharma Sudharsanan R | ECE | III YEAR | | |
| | Muthu Kumar | AERO | III YEAR | | |
| | Sai Sree | EEE | III YEAR | | |
| Smart Fire | Mohaideen Abbas | EEE | III YEAR | Mrs.P.Sujidha AP\EEE | Student Innovation |
| | Afthaf Ahamed | EEE | III YEAR | | |
| | vimalnath | EEE | III YEAR | | |

| | | | | | |
|--|----------------|------|----------|--|--|
| | Ahamed Aathif | EEE | III YEAR | | |
| | Blessy Margret | CSBS | II YEAR | | |
| | Samera begam | CSBS | II YEAR | | |

Student Internship Details

- 1.Mr.Jeevanathan final year EEE completed 15 days internship training in Samcore solution Pvt Ltd in the duration of 2.8.24-17.8.24.
- 2.Mr.S.Irsath Ali final year EEE completed 15 days internship training in Arkay energy private limited in the duration of 16.8.24-30.8.24.
- 3.Mr.Ameer Ajmal Deen (Final year EEE) has completed intensip training in Orion electronic contracting India LLP, Chennai in the duration of 29.7.24 to 20.8.24 .
- 4.Mr.A.Srikanth (Final year EEE) has completed internship training in vallathur gas turbine power station ,Ramanathapuram in the duration of 15.7.24 to 8.8.24.
- 5.Mr.Abith (Final year EEE) has completed internship in Vasantha advanced system private limited in the duration of 20.7.24 to 17.8.24.
- 6.Mr.Harron Ismail Completed intership in “Electric Vehicles” at The National Small industries Corporation Ltd
- 7.Mr.Murali Karthick Completed Internship in “Application Development” at uniq Technologies.
- 8.Mr.Akilan Completed Internship in “Application Development” at uniq Technologies.
- 9.Mr.Mohamed Najeem Completed Internship in “Application Development” at uniq Technologies.
- 10.Mr.Maniroopan Completed Internship in “Application Development” at uniq Technologies.



11.Mr.Saiful haq Completed Internship in “Application Development” at uniq Technologies.

12.Mr.Abdul Kadir Moulana Completed Internship in “Application Development” at uniq Technologies.

13.Mr.Abdul Rahim Moulana Completed Internship in “Application Development” at uniq Technologies.

14.Mr.Hareesh Kumarn Completed Internship in “Application Development” at uniq Technologies.

15.Mr.Yugeshwaran Completed Internship in “Application Development” at uniq Technologies.

16.Mr.Jeya suriya Completed Internship in “Application Development” at uniq Technologies.

17.Mr.Prageseswaran Completed Internship in “Application Development” at uniq Technologies.

18.Mr.Aswin Bharathy Completed Internship in “Application Development” at uniq Technologies

Student Inplant Training Details

1. Mr.M.Vignesh (Third year EEE) has completed in plant training in Thermal power station,Tuticorin in the duration of 19.8.24 to 23.8.24

2. Mr.Mohamed Riyan (Third year EEE) has completed in plant training in Thermal power station,Tuticorin in the duration of 19.8.24 to 23.8.24

3. Mr.Syed Mohamed (Third year EEE) has completed in plant training in Thermal power station,Tuticorin in the duration of 19.8.24 to 23.8.24

4. Mr.J.Durai Naveen (Third year EEE) has completed in plant training in Thermal power station,Tuticorin in the duration of 19.8.24 to 23.8.24

5. Mr.P.Vinith (Third year EEE) has completed in plant training in Thermal power station,Tuticorin in the duration of 19.8.24 to 23.8.24

6. Mr.A.Mohamed Aathil (Third year EEE) has completed inplant training in Thermal power station,Tuticorin in the duration of 19.8.24 to 23.8.24.

7. Mr.S.Annasudeen (Third year EEE) has completed inplant training in Arkay energy private limited in the duration of 19.8.24 to 24.8.24 .

8. Mr.T.Ebin Raj (Third year EEE) has completed inplant training in Arkay energy private limited in the duration of 19.8.24 to 24.8.24 .

9. Mr.Ms.K.Sai Sree (Third year EEE) has completed inplant training in Arkay energy private limited in the duration of 19.8.24 to 24.8.24.


Nptel\Online Course Participation Details

+ 12 Students of Third Year EEE (Abdul Kadir Moulana J,Abdul Rahim Moulana J,Akilan S,Anasudeen S,Ebin Raj T,Hareesh Kumaran B,Mohamed Riyan M,Saisree K,Vignesh M,Afthaf Ahamed S,Ahamed Aathif M,Mohaideen Abbas P) Completed 21 Days (23.08.2024 13.09.2024) Online Course entitled “Power Electronics” at Pantech E Learning Pvt .

+ 4 students of third year (Mr.Ebin Raj,Mr.Annasudeen,Mr.Saiful haq,Mr.Mohamed Najeem) Completed NPTEL Course entitled” Python for Data Science”

Workshop participation details

1. Mr.Murali Karthick Completed Workshop in “Application Development” at uniq Technologies.



2. Mr.Akilan Completed Workshop in “Application Development” at uniq Technologies.

3. Mr.Mohamed Najeem Completed Workshop in “Application Development” at uniq Technologies.

4. Mr.Maniroopan Completed Workshop in “Application Development” at uniq Technologies.

5. Mr.Saiful haq Completed Workshop in “Application Development” at uniq Technologies.

6. Mr.Abdul Kadir Moulana Completed Workshop in “Application Development” at uniq Technologies.

7. Mr.Abdul Rahim Moulana Completed Workshop in “Application Development” at uniq Technologies.

8. Mr.Hareesh Kumarn Completed Workshop in “Application Development” at uniq Technologies.

9. Mr.Yugeshwaran Completed Workshop in “Application Development” at uniq Technologies.

10. Mr.Jeya suriya Completed Workshop in “Application Development” at uniq Technologies.

11. Mr.Prageseswaran Completed Workshop in “Application Development” at uniq Technologies.

12. Mr.Aswin Bharathy Completed Workshop in “Application Development” at uniq Technologies.

Faculty Publications

Books Publication

- ✚ Dr.S.Selvaerumal Published book Chapter entitled “Securing the Future: Regulatory Compliance and Standards for 5G and Fiber Optics in Smart Grid Cyber Defense “ on 2024.

- ✚ Dr. A. Manjula published a book entitled “Electro Magnetic Theory” in Scientific International Publishing House on 2024.

Journal Publications

- ✚ Mrs.S.Chitra Devi,Dr.A.Manjul,Dr.R.Niraimathi Published a journal entitled “IoT Based Battery Management System with PV Source for Real Time Monitoring System in Electric Vehicle” in “International Journal of Scientific Research in Engineering and Management (IJSREM)”, Volume: 08 Issue: 09 Sept – 2024.(ISSN : 2582-3930)
- ✚ Dr.R.Niraimathi published a Journal entitled “Forecasting Stability in Super-Lift Converters Utilizing Averaging Technique” in International Journal of Intelligent Systems And Applications in Engineering (ISSN:2147-6799),volume 12,issue 4,Page no.1059-1064, July 2024."
- ✚ Dr.A.Manjula Puplished a Journal entitled “Optimizing fuel cell power: an online energy management strategy for extended range in fuel cell hybrid electric vehicles” in “Environment, Development and Sustainability”(https://doi.org/10.1007/s10668-024-05279-w)"
- ✚ Mr.N.Ahamed Hussain Asif,Dr.S.Selvaperumal Published journal entitled “Giant Trevally Optimized Congestion Management Using Facts Controller Allocation In Deregulated Electricity Markets” in “Rev. Roum. Sci.Techn.–Électrotechn. et Énerg” , Vol. 69, 4, pp. 377–382,2024.(DOI: 10.59277/RRST-EE.2024.69.4.2)"

Research Activities

MOU Signed

- ✚ EEE department Signed MOU with Fadre Technical Vocational Training Institute, Addis Ababa Ethiopia.
- ✚ Our EEE Department MOU Signed with IPCS Global Solutions Pvt Ltd."

Design Patent

- ✚ Dr.S.Lakshmi Kanthan Bharathi published a design patent entitled” Solar PV Powered Green Energy Generator” (Design No: 423840-001)"
- ✚ Mr.S.Syed Mustha Gani Published a Design Patent entitled “Hybrid Wind and Solar Electric System” on 24/10/2024.(Design No : 428596-001)."
- ✚ Ms.N.Thillainayagi puplished a Design patent entltled “ IOT Integrated Healthcare Monitoring and Alert System”(Design No: 429896-001) on 18/11/2024.

Patent Granted

- Dr.S.Lakshmi kanthan Bharathi Published a UK design Patent entitled "Advanced Prosthetic Limb with Adaptive Control and Realtime Monitoring" on July 2024"

Utility Patent

- Mrs.S.Chitra Devi published a patent entitled "Graph Theory and Machine Learning in adaptive traffic light control for smart cities" on 19.12.24

Faculty Participation in FDP/ Training Activities/ STTP/ Conference

FDP

| S.NO | Faculty Name | Title | College | Date |
|------|-------------------|--|--|-------------------------------------|
| 1. | Dr.S.Selvaperumal | "Research Perspective In Medical Product Innovation Using AI " | Hindusthan College of Engineering and Technology | two week (18/11/2024 to 30/11/2024) |
| 2. | Dr.A.Manjula | Latest developments in RF Technologies in 5G and Beyond | Rajalakshmi Engineering College | 30-07-2024 and 06-08-2024 |
| 3. | Dr.A.Manjula | "Power Electronics" | Pantech E Learning Pvt . | 21 Days (23.08.2024 13.09.2024) |
| 4. | Dr.A.Manjula | "Research Perspective In Medical Product Innovation Using AI " | Hindusthan College of Engineering and Technology | two week (18/11/2024 to 30/11/2024) |
| 5. | Dr.A.Manjula | "Emerging Trends in Wearable Device and The Future of Healthcare | SNS College of Technology | 09/12/2024 to 14/12/2024. |
| 6. | Mrs.S.Chitra Devi | Latest developments in RF Technologies in 5G and Beyond | Rajalakshmi Engineering College | 30-07-2024 and 06-08-2024 |

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|-----|-------------------------------|---|--|---|
| 7. | Mrs.S.Chitra Devi | “Power Electronics” | Pantech E Learning Pvt . | 21 Days (23.08.2024 13.09.2024) |
| 8. | Mrs.S.Chitra Devi | “Research Perspective In Medical Product Innovation Using AI ” | Hindusthan College of Engineering and Technology | two week (18/11/2024 to 30/11/2024) |
| 9. | Mrs.S.Chitra Devi | “Recent Advancements in Solar Photovoltaic Technology & Research Opportunities” | Government Polytechnic Nagpur | 13/01/2025 to 18/01/2025 |
| 10. | Mrs.S.Chitra Devi | Gen-AI and Prompt Engineering Using Microsoft Co-Pilot | BNM Institute of Technology Bangalore (BNMIT) | 5 Days |
| 11. | Mrs.S.Chitra Devi | Master Class entitled “silicon Symphony” | HIEE empowering Engineering Pvt ltd on | 5 Days |
| 12. | Dr.R.Niraimathi | Latest developments in RF Technologies in 5G and Beyond | Rajalakshmi Engineering College | 30-07-2024 and 06-08-2024 |
| 13. | Dr.R.Niraimathi | “Power Electronics” | Pantech E Learning Pvt . | 21 Days (23.08.2024 13.09.2024) |
| 14. | Dr.R.Niraimathi | “Research Perspective In Medical Product Innovation Using AI ” | Hindusthan College of Engineering and Technology | two week (18/11/2024 to 30/11/2024) |
| 15. | Dr.S.Lakshmi kanthan Bharathi | Patent Drafting for Beginners” | NPTEL FDP | |
| 16. | Dr.S.Lakshmi kanthan Bharathi | Waste To Energy Conversion- A Path to Sustainable Resource Utilization” | Mohamed Sathak Engineering College | 16/09/2024 to 28/09/2024”. |
| 17. | Mrs.A.Usha | EV Technology: Battery Modeling, Sensors, BMS, Motors, and E-Bus Charging | Vidya Vikas Institute of Engineering and Technology, Mysore. | 12.8.24-17.8.24 |

| | | | | |
|-----|---------------------------|--|--|---------------------------------------|
| 18. | Mrs.A.Usha | “Power Electronics” | Pantech E Learning Pvt . | 21 Days (23.08.2024 13.09.2024) |
| 19. | Mr.S.Syed Musthafa Gani | Developing Intelligent IOT Systems :From Sensors to Servers | The National Small Industries Corporation Ltd. | 22/07/2024 - 26/07/2024 |
| 20. | Mrs.P.Radha | EV Technology: Battery Modeling, Sensors, BMS, Motors, and E-Bus Charging | Vidya Vikas Institute of Engineering and Technology,Mysore. | 12.8.24-17.8.24 |
| 21. | Mrs.P.Sujidha | “Renewable Energy and Electric Vehicles Technology for Sustainable Future” | J.J. college of Engineering and Technology | 16/12/2024 to 21/12/2024. |
| 22. | Mrs.P.Sujidha | EV Technology: Battery Modeling, Sensors, BMS, Motors, and E-Bus Charging | Vidya Vikas Institute of Engineering and Technology,Mysore. | 12.8.24-17.8.24 |
| 23. | Mrs.P.Sujidha | “Power Electronics” | Pantech E Learning Pvt . | 21 Days (23.08.2024 13.09.2024) |
| 24. | Mrs.P.Sujidha | “Ethical Issues in Research Writing” at | Regional College for Education Research and Technology, Jaipur | 11.09.24- 16.09.24. |
| 25. | Mrs.P.Sujidha | “Microsoft Digital skill” | Tamil Nadu Skill Development Corporation | one week(16.09.24- 21.09.24) |
| 26. | Mrs.N.Ahamed hussain asif | EV Technology: Battery Modeling, Sensors, BMS, Motors, and E-Bus Charging | Vidya Vikas Institute of Engineering and Technology,Mysore. | 12.8.24-17.8.24 |
| 27. | Ms.N.Thillainayagi | Machine Learning Algorithms and Exploratory Data Analysis | Pantech E Learning Pvt Ltd | 5 Days |
| 28. | Ms.N.Thillainayagi | “Power Electronics” | Pantech E Learning Pvt . | 21 Days (23.08.2024 13.09.2024) |
| 29. | Ms.N.Thillainayagi | “Recent Trends in | Periyar | one |

| | | | | |
|-----|--------------------|---|---------------------------|---------------------------|
| | | AI & IoT - Industry Perspective" | Maniyammai University | week(25.11.24-30.11.24) |
| 30. | Ms.N.Thillainayagi | Emerging Trends in Wearable Device and The Future of Healthcare | SNS College of Technology | 09/12/2024 to 14/12/2024. |
| 31. | Ms.N.Thillainayagi | Python for Data Science | NPTEL FDP | |

Workshop Participation Details

1.Mr.S.Syed Musthafa Gani Participated a Workshop entitled “Design and Challenges of Electric Vehicles and Charging Systems” at B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai during 12.11.2024 & 13.11.2024.

2.Mr.N.Ahamed Hussain Asif Participated a Workshop entitled “Design and Challenges of Electric Vehicles and Charging Systems” at B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai during 12.11.2024 & 13.11.2024.

NPTEL Course Completion

- ✚ Mrs.S.Chitra Devi Completed NPTEL Course entitled” Power System Protection and Switchgear” on July-September 2024.
- ✚ Dr.R.Niraimathi Completed NPTEL Course Entitled “Introduction to Internet of Things” on July-September 2024.
- ✚ Dr.A.Manjula Completed NPTEL Course Entitled “Accreditation and Outcome Based Learning”. on July-September 2024
- ✚ Dr.S.Lakshmi kanthan Bharathi Completed NPTEL Course entitled” Power System Protection and Switchgear” on July-September 2024
- ✚ Dr.S.Lakshmi kanthan Bharathi Completed NPTEL Course entitled” Patent Drafting for Beginners” on July-September 2024
- ✚ Ms.N.Thillainayagi Completed NPTEL Course entitled” Python for Data Science” on July-September 2024
- ✚ Ms.N.Thillainayagi Completed NPTEL Course entitled ”Cloud Computing” on July-September 2024

Faculty Interaction with Outside World

Reviewer

- ✚ Dr.S.Selvaperumal Contributed as Editorial Board member for "Journal of Power and Energy Engineering"

DC Member

- ✚ Dr.S.Selvaperumal conducted a Ph.D. Viva Voce examination on 19.07.2024 for the 13th PhD scholar S.Monesha.
- ✚ Dr.S.Selvaperumal contributed as a DC Member of Annual DC Meeting of the Scholar Mr.T.Arun Prasath on 20.11.24.
- ✚ Dr.S.Selvaperumal contributed as DC Member of Annual DC Meeting of the Scholar Mr.N.Ahamed Hussain Asif on 18.11.24.
- ✚ Dr.S.Selvaperumal contributed as DC Member of Third DC Meeting(Synopsis) of the Scholar Mr.N.Ahamed Hussain Asif on 25.11.24.
- ✚ Dr.S.Selvaperumal contributed as DC Member of Annual DC Meeting of the Scholar Mr.M.L.Ramamoorthy on 18.11.24.
- ✚ Dr.S.Selvaperumal contributed as DC Member of Annual DC Meeting of the Scholar Mrs.Devika on 18.11.24.

QP Setting

- ✚ Dr.R.Niraimathi Contributed as a Question Paper setter for PSR Engineering College.
- ✚ Dr.R.Niraimathi Contributed as a Question Paper setter for subject entitled "AU3008- Sensors And Actuators" at selvam college of Engineering and Technology.
- ✚ Dr.R.Niraimathi Contributed as a Question Paper setter for subject entitled "EE3701-High Voltage Engineering" at selvam college of Engineering and Technology.
- ✚ Dr.R.Niraimathi Contributed as a Question Paper setter of "EC3301 Electron Devices and Circuits,EE3503 Control Systems, OCS352 IOT concepts and Applications" at Solamalai College of Engineering, Madurai
- ✚ Dr.R.Niraimathi Contributed as a Question Paper setter of "Electric and Hybrid Vehicles" at Saranathan College of Engineering.

- ✚ Mrs.P.Radha Contributed as a Question Paper setter of “EE3006 Power Quality, EE3402 Linear Integrated Circuits” at NPR College of Engineering .

Awards received

- ✚ Dr.S.Selvaperumal received the Certificate of Excellence in peer-reviewing award from BP International, Kolkata.
- ✚ Mrs.Chitra devi Received a Spoken Tutorial Appreciation Certificate
- ✚ Ms.N.Thillainayagi received a Nptel Mentor Appreciation Certificate for the subject “Internet of Things”
- ✚ Ms.N.Thillainayagi received a Nptel Mentor Appreciation Certificate for the subject “Python for Data science”

Events Conducted

- ✚ Our EEE Department organized Three Days Workshop in the topic of “Session on Innovation/Prototype Validation – Converting Innovation into a Start-up” on 17.8.24 -19.8.24".


**MOHAMED SATHAK
ENGINEERING COLLEGE**
KILAKARAI-623 806, RAMANATHAPURAM DIST.
Approved by AICTE, CoA, New Delhi, UGC Mumbai, Affiliated to Anna University,
An ISO 9001:2015 Institution, Sponsored by Mohamed Sathak Trust, Chennai - 66.






(Recognized under section 2(f) & 12B of UGC, New Delhi)

Intra Institutional Start-up Competition

Date: 27.08.24 @EEE Seminar Hall

| | |
|---|--|
| Convenors Dr. V. Nirmal Kannan <i>Principal, MSEC</i> | Dr. S. Selvaperumal <i>Prof. & Head/ EEE Dean Research, MSEC</i> |
| Co Convenors Mrs. S. Chitra Devi <i>ASP/EEE</i> | Dr. A. Manjula <i>ASP & Asst. HOD/ EEE</i> |
| Coordinators Mrs. P. Sujidha <i>AP/EEE</i> | Mrs. P. Radha <i>AP/ EEE</i> |




Chief Guest
Dr. B. Ramasubramanian
*Professor and Head/ECE
SRM TRP Engineering College, Trichy*

organized by
**Department of Electrical
and Electronics Engineering**

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- The Department of EEE of MSEC-Kilakarai organized one day webinar in the topic of “Energy Conservation Day” on 14.12.24 through online mode.

MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-625 806, RAMANATHAPURAM DIST.
AN AUTONOMOUS INSTITUTION
Approved by AICTE, CoA, New Delhi, DCS Mumbai, Affiliated to Anna University, An ISO 9001:2015 Institution, Sponsored by Mohamed Sathak Trust, Chennai - 06.

Department of Electrical and Electronics Engineering
Organize

National Energy Conservation Day
DATE:14.12.24

Convenor
Dr.V.Nirmal Kannan
Principal, MSEC

Co-Convenors
Dr.S.Selvaperumal Prof. & Head/EEE, Dean Research
Dr.A.Manjula ASP & Assistant HOD/EEE

Coordinator
Mrs.P.Sujidha
Assistant Professor/EEE

Speaker
Dr.M.Shanthi
Assistant Professor
University College of Engineering,
Ramanathapuram

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