



Kongunadu

College of Engineering & Technology
[Autonomous]

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai, Accredited by NBA(CSE,ECE,EEE & MECH), Accredited by NAAC, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

Namakkal - Trichy Main Road, Tholurpatti (Po), Thottiyam (Tk), Trichy (Dt) - 621 215.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

KNCET ELECTRUM

Common Activities

Department Advisory Committee Meeting

The Department Advisory Committee meeting for Odd semester 2023-24 was held virtually on 17th July 2023 through Google Meet for discussion on Conversion of the existing Elective Courses in terms of Verticals, Improvement in Research Publications, Funds, Consultancy works & Patents, Product development and submission of projects including students, FDP, Industrial Training & Awards and Students Value Added Courses & Skills for upgrading.

FACULTY CONTRIBUTIONS			
No. of Journals			No. of papers presented in conference
SCIENCE	Scopus Indexed	Other(s)	IEEE Conference
7	3	3	9
	13		20
No. of FDP/SETP attended			NPTEL Course Completed
30	14		9
No. of Faculty Members			NIFTR Module
			2
Resource Person			
Organization			
Mr. T. Rajamohanam			
Anna University, BIT Campus, Tiruchirappalli			
Dr. T. Suresh Kumar			
Kongunadu Polytechnic College, Thottiyam, Trichy (Dt)			
Mr. S. Arun			
Er. Perumal Munimokula Polytechnic College, Hosur			
Not signed			
Basell Automation System Private Limited, Chennai dt.18.4.2023			
Funds Received:			
• Research Fund - Rs. 9,75,000 - (NABARD, Chennai dt.23.1.23)			
• Seminar Grant - Rs. 1,00,000 - (ICSSR, New Delhi dt.18.05.23)			
• Consultancy 1 - Rs. 22,500 - (DRDA, Namakkal dt.16.3.23)			
• Consultancy 2 - Rs. 75,000 - (ABE Semiconductor Designs, Chennai dt.22.11.23 & 15.9.24)			

Programme Conducted by the Department (Workshop / Seminar/ Guest Lecture / Training / Webinar/ Others)

• ICSSR Sponsored Three Days National Level Seminar on 'Social and Technological Impact of Power Electronics Based Hybrid Electric Vehicles for Sustainable Environment' was organized on 6th July 2023 to 8th July 2023. The resource persons were Dr.G.Saravana Ilango, Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli, Dr.P.Ponnambalam, Professor & Head, Department of Energy and Power Electronics, School of Electrical Engineering, Vellore Institute of Technology, Vellore, Dr.L.Ashok Kumar, Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Coimbatore, Mrs.Y.Uma Maheswari, Senior Associate, Cognizant Technology Solutions, Coimbatore and Dr.P.Arul, Professor, Department of Electrical and Electronics Engineering, Kongunadu College of Engineering and Technology, Thottiyam, Tiruchirappalli.

Board of Studies Meeting

The Sixth board of studies meeting was conducted on 24th June 2023 for discussing the change of curriculum and syllabi for students admitted from 2021 onwards to award Honours and Minor degree based on their vertical professional elective courses for specialized area in all the Engineering streams.



Parent – Teachers Meet

• Parent – Teachers Meet was conducted for IV, III & II year on 27th July 2023, 01st August 2023 & 30th September 2023 respectively. The prizes has been awarded to the students and faculty members for their best performance.



• Inaugural of E-Cube Association and Guest Lecture on 'Emerging Trends in Renewable Energy and E-Mobility' was organized on 5th August 2023. The resource person was Er.D.Babu, Assistant Executive Engineer, Kethanur Substation, TNEB, Pollachi.



- National Level Technical Symposium, Tekcluster-2023 was organized on 26th August 2023. The chief guest was Mr.Senthil Rajamarthandan, Senior Program Director, Cognizant Technology Solutions, Chennai.

- Seminar on 'IoT in Agriculture' was organized on 25th September 2023. The resource person was Mr.K.Dhevendhiran, HR Manager, Mobitech Wireless Solution Private Limited, Perundurai, Erode.



- Seminar on 'Embedded System Programming in Automation' was organized on 3rd October 2023. The resource person was Dr.M.M.Babu Annadurai, Full Stack Developer & Trainer, Technical Head, JCluster Software Solutions, Namakkal.

- Guest Lecture on 'Recent Trends in Industrial Revolution 4.0' was organized on 4th November 2023. The resource person was Mr. Mohamed Ithiyas, Founder & CEO, Robotian Private Limited, Trichy.

Energy Club

- Inauguration of Energy Club and Guest Lecture on 'Entrepreneurship in Energy Sector' was organized on 26th September 2023. The resource person was Er.A.Rajesh Parthasarathi, CEO, Talent Factori Pvt Ltd, Chennai.



- Seminar on 'Sustainable Development Goals & Energy Conservation' was organized on 8th November 2023. The resource person was Dr.S.Madankumar, Assistant Engineer, Thermal Power Station-1, Mettur.

Tamil Mandram:

- Conducted Inauguration & Guest Lecture on "இலக்கியமும், வாழ்க்கையும்" by Dr.M.Anu, Assistant Professor, Tamil Department, Cauvery Arts and Science College, Trichy in Tamil Mandram dated on 2nd September 2023.



- Conducted Essay Writing Competition on "My Vote is My Right-Power of One Vote" in Tamil Mandram dated on 23rd September 2023.

- Conducted Poster Competition on "My Vote is My Right-Power of One Vote" in Tamil Mandram dated on 14th October 2023.

Centre for Excellence – Industrial Automation

- Two Days Workshop on 'Industrial Robotization using PLC and SCADA' was organized on 01st & 02nd September 2023. The resource persons were Mr.R.Theerthamalai, Sr.Training Coordinator and Mr.R.Siva, Project Engineer, ECI Systems Private Limited – Unit III, Thirumudivakkam, Chennai.



- Webinar on 'Evolution of Semiconductors in Industry 4.0' was organized on 28th November 2023. The chief guest was Mr.Rahaprian.M.P, R&D Principal Software Engineer, Cadence Design Systems, San Jose, California.

Centre for Excellence – Internet of Things & Embedded Systems

- Seminar on 'IoT in Smart Grid Technology and Applications' was organized on 22nd September 2023. The resource person was Mr.R.Ramar, Deputy Director, National Power Training Institute, Neyveli.



- Workshop on 'Emerging Simulation Platforms in IoT and Its Applications' was organized on 4th November 2023. The resource persons were Mr.J.Karthikeyan and Mr.P.Tamilnesan, Assistant Professor, Department of Electrical and Electronics Engineering, Kongunadu College of Engineering and Technology, Trichy.



Staff Contribution

Staff Achievements and Awards

- Mr.T.Rajamanikandan, AP, Electrical and Electronics Engineering department & Head (IPR & Product Development) received a project grant of Rs.12,75,000/- from Ministry of Micro, Small & Medium Enterprises (MSME), New Delhi Titled 'Indigenous Production of Eco Friendly – Sustainable Furniture and Veneer sheet from Banana Tree Waste (Musa Acuminata) with Wheat Gluten' on 13th July 2023.

- Mr.T.Rajamanikandan, AP, Electrical and Electronics Engineering department & Head (IPR & Product Development) progressing consultancy work for Shalom Foundation, Trichy titled 'Electro Mechanical Thermal Based Compression Machine for Banana Fiber Napkin' from 1st July 2023 to 29th February 2024 (8 months) for Rs.1,50,000/-.

- The Department of Electrical and Electronics Engineering has received the Best Innovation in Demonstration for the product titled 'Banana Stem-Juicer' at the Yukthi Innovation Stall during IIC Regional meet 2023 at Nehru Institute of Technology, Coimbatore on 4th December 2023.



- Dr.R.Shankar, Professor & Head, Dr.T.Sengolrajan, ASP, Mr.K.Karthik, Mr.R.Gopalakrishnan, Mrs.S.Revathi, Mr.P.Tamilnesan & Mr.R.Manikandan, AP, Electrical and Electronics Engineering completed NPTEL course on 'Introduction to Industry 4.0 and Industrial Internet of Things' with Elite certificate during July 2023 to October 2023.

- Mr.K.Mohanraj, AP, Electrical and Electronics Engineering completed NPTEL course on 'Introduction to Industry 4.0 and Industrial Internet of Things' during July 2023 to October 2023.

- Mr.S.Ragul, Mr.J.Karthikeyan & Mrs.R.Deebika, AP, Electrical and Electronics Engineering completed NPTEL course on 'Introduction to Internet of Things' with Elite certificate during July 2023 to October 2023.

Staff as a resource person

- Mr.T.Rajamanikandan, AP, Electrical and Electronics Engineering department & Head (IPR & Product Development) delivered a webinar on 'Insights to Intellectual Property Rights' at Paavai Engineering College, Namakkal on 30th August 2023.

Faculty Industrial Training

- Mr.R.Manikandan, AP, Electrical and Electronics Engineering has undergone the industrial training at Reegle Technology, Ganapathy, Coimbatore from 14th December to 16th December 2023.

- Dr.T.Sengolrajan, ASP, Electrical and Electronics Engineering has undergone the industrial training at Lucas TVS Limited, Nettapakkam, Puducherry from 18th December to 20th December 2023.

- Mr.R.Gopalakrishnan & Mr.S.Ragul, AP, Electrical and Electronics Engineering has undergone the industrial training at Ashok Textile Mills (P) Ltd, Ponneri, Namakkal from 18th December to 20th December 2023.

- Mrs.S.Revathi, AP, Electrical and Electronics Engineering has undergone the industrial training at Sri Amman Control System, Balaji Industrial Estate, Keeranatham, Coimbatore from 20th to 22nd December 2023.

- Mr.K.Mohanraj & Mr.K.Karthik, AP, Electrical and Electronics Engineering has undergone the industrial training at APEX Zenith Engineers and Contractors, Sengal, Karur from 26th December to 28th December 2023.

- Mr.P.Tamilnesan & Mr.J.Karthikeyan, AP, Electrical and Electronics Engineering has undergone the industrial training at C.V.V Pet Bottle Pvt., Ltd, Neidhalur, Karur from 27th December to 29th December 2023.

- Mrs.R.Deebika, AP, Electrical and Electronics Engineering has undergone the industrial training at Indira Industries, Appanaickenpalayam, Coimbatore from 26th December to 28th December 2023.

Publication of Book

- Dr.E.Kavitha, R.Gayathri, R.Riddhi, R.Mirajkar and R.Manikandan, Digital Electronics, Aasan Publications, Virudhunagar, ISBN No: 978-81-19313-72-3, August 2023.

- R.Gopalakrishnan, K.Mohanraj and C.Gowrishankar, Transmission and Distribution, 3rd Edition The Charulatha Publications, Chennai, ISBN No: 978-81-967753-1-5, November 2023.

- Dr.P.Arul, J.Karthikeyan and P.Tamilnesan, Power System Operation and Control, 2nd Edition The Charulatha Publications, Chennai, ISBN No: 978-81-967753-0-8, November 2023.

- S.Revathi, R.Gopalakrishnan and K.Mohanraj, Electric Energy Generation, Utilization and Conservation, R.K Publishers, Coimbatore, ISBN No:978-81-965312-8-7, December 2023.

Publication in Journals

- B.Balraj, K.Dhayalini, T.Sengolrajan, C.Vivek, Pandiaraj Saravanan, Mostafizur Rahaman and G.Mohankumar, 'Nb Ions Induced Morphology and Enhanced Photoelectrochemical Functionalities from 3DZn_{1-x}Nb_xO Nanostructures', Journal of Inorganic and Organometallic Polymers and Materials, Springer, ISSN:1574-1443, DOI:10.1007/s10904-023-02789-4, SCIE,I.F.4.0, July 2023.

- Manojkumar Palanisamy, Jeyasudha Segaran, Ravivarman Shanmugasundaram and Sengolrajan Thanasingh, 'A Level Shifted Pulse Width Modulated Multilevel Inverter Fault analysis Technique', Journal of Electric Power Components and Systems, Taylor & Francis, ISSN:1532-5008, DOI:10.1080/15325008.2023.2246468, SCIE,I.F:1.5, August 2023.

- T.Rajamanikandan, S.Banumathi and B.Karthikeyan, 'Investigation of the dielectric properties and mechanical stability of lignocellulosic biomass based electrical insulation materials for high voltage applications', Materials Research Express, IoP Publishing Ltd, ISSN:2053-1591, Vol.10, No.8, DOI:10.088/2053-1591/acead3, SCIE,I.F:2.3, August 2023.

- Arul.P, Balraj.B, Siva.C and Vivek.C, 'Titanium oxide decorated Zinc oxide nanoparticles for dye-sensitized solar cell and heterojunction diode applications', Chemical papers, Springer, ISSN:0366-6352, DOI:10.1007/s 11696 - 023-03036-3, SCIE,I.F:2.2, August 2023.

- Murugan Marimuthu, Shanmuganathan Chandrasekaran, Manjunathan Alagarsamy and Tamilnesan Pannerselvam, 'Machine Learning – Based Power Quality Improvement of Wind-PV System using ANFIS', Journal of Electric Power Components and Systems, Taylor & Francis, ISSN:1532-5008, DOI:10.1080/ 15325008.2023.2295364, SCIE,I.F:1.5, December 2023.

- Malathi Govindasamy, A.M.J.Zubair Rahman, S.D.Vijayakumar and Karthikeyan Jayabalan, 'Machine Learning – Based Optimization of Wind – PV Solution for Grid Demand', Journal of Electric Power Components and Systems, Taylor & Francis, ISSN:1532-5008, DOI:10.1080/15325008.2023.2295363, SCIE,I.F:1.5, December 2023.

Publication in Conference

- Sruthi.S, Karthikumar.K, Narmitha.D, Sekhar.P and Karthi.K, 'Transformer - Less Grid Connected PV System Using TSRPWM Strategy with Single Phase 7 Level Multi - Level Inverter' Book Chapters, , Smart Grids for Smart Cities, Vol.1, John Wiley & Sons, USA, ISBN:9781119872078, pp.213-226, Scopus,DOI:10.1002/ 9781119872108.ch11, June 2023.

- Kanika, Shankar.R, Eswaramoorthi.R, Joselin Jeya Sheela.J, Ashish Suri and Vellachi.N, 'High - Performance Digital signal Processing Circuit Design and Analysis for Wireless Communication systems' IEEE proceedings of the Fourth International Conference on Smart Electronics and Communication (ICOSEC-2023), ISBN: 979-8-3503-0088-8, pp.495-499, IEEE Xplore part No: CFP23V90-ART, DoI : 10.1109/ICOSEC 58147. 2023. 10276043 at Kongunadu College of Engineering and Technology, Thottiam, Trichy, 20th to 22nd September 2023.

- Karthik.K, Deepa.N, Sengolrajan Thanasingh and Pandiaraja Perumal, 'A Gesture Translation for Hearing - Impaired' Springer 3rd International Conference on Cyber Security, Privacy and Networking (ICSPN-2023) at Dubai, UAE (Virtual Mode), 28th to 30th September 2023.

- Dr.R.Shankar, R.Gopalakrishnan, S.Hariharan and S.Girieshwaran, 'IoT based Monitoring and Controlling Parameter of Three Phase Induction Motor' AICTE Sponsored International Conference on Recent advances & Innovations in Science, Technology, Engineering & Management' at Loyola Institute of Technology, Chennai, 4th & 5th October 2023.

- Pradeep.K.K, Tamilvani.P, Palanisamy.P.N, Mohammadha Hussaini.M, Ragul.S and Selvam.N, 'An Intelligent IoT based Advanced Accident Detection and Sensor Fusion Categorization System'IEEE Sponsored 2nd International Conference on Automation, Computing & Renewable Systems (ICACRS 2023) at Mount Zion College of Engineering and Technology, Pudukkottai, 11th to 13th December 2023.

- Pavithra.M, Murugesan.A, Saranya.K, Srihari.T, Mohanraj.K and Parimala Devi.M, 'Facial Detection and Recognition-based Smart System on Feature Extraction using Raspberry Pi' IEEE Sponsored 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA 2023) at Bengaluru, 21st to 23rd December 2023.

Workshop/ Webinar/ FDP Attended

Workshop

- Mr.C.Gowrishankar, AP of Electrical and Electronics Engineering department attended online Workshop on 'Advanced Research Methodology' at SRM Institute of Science and Technology, Ramapuram Campus, Chennai on 3rd to 18th July 2023.

- Mr.J.Karthikeyan & Mrs.S.Revathi, AP of Electrical and Electronics Engineering department attended online DST PURSE supported Workshop on 'Future of Sustainability: Electric Vehicles and Smart Grid' at SRM Institute of Science and Technology, Kattankulathur Campus, Tamil Nadu on 27th to 29th July 2023.

- Dr.R.Shankar, Professor & Head, Dr.T.Sengolrajan, ASP, Mr.K.Karthik, Mr.S.Ragul, Mr.J.Karthikeyan & Mr.P.Tamilnesan, AP of Electrical and Electronics Engineering department attended Workshop & Hands – on Training on 'IEEE Xplore Digital Library' at Kongunadu College of Engineering and Technology, Thottiam on 25th August 2023.

- Mr.R.Manikandan, AP of Electrical and Electronics Engineering department attended Workshop on 'FPGA Systems' at Nehru Institute of Engineering and Technology, Coimbatore in association with Pantech E-Learning Pvt., Ltd on 25th September 2023.

- Mr.S.Ragul & Mr.R.Gopalakrishnan, AP of Electrical and Electronics Engineering department attended IEEE Sponsored Pre-Conference Workshop on 'MATLAB & its Applications in Engineering' at K.S.R college of Engineering, Tiruchengode on 18th October 2023.

Webinar/ Seminar

- Dr.T.Sengolrajan, ASP, Mr.S.Ragul, Mrs.R.Deebika & Mr.C.Gowrishankar, AP of Electrical and Electronics Engineering department attended Webinar on 'Improving customer experience using connected data in Electric Vehicles' at Periyar Maniammai Institute of science and Technology, Thanjavur on 27th August 2023.

FDP

- Dr.R.Shankar, Professor & Head, Electrical and Electronics Engineering department attended

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

- FDP on 'Outcome Based Education and Essential AI Tools for Teachers' organized by Ramakrishna Mission Vivekananda Centenary College, Kolkata from 14th to 20th December 2023.

Dr.T.Sengolrajan, ASP, Electrical and Electronics Engineering department attended

- FDP on 'Emerging Technologies for Next Generation Networks' organized by Kings Engineering College, Chennai from 17th to 22nd July 2023.

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mr.K.Mohanraj, AP, Electrical and Electronics Engineering department attended

- FDP on 'Emerging Technologies for Next Generation Networks' organized by Kings Engineering College, Chennai from 17th to 22nd July 2023.

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mr.R.Gopalakrishnan, AP, Electrical and Electronics Engineering department attended

- FDP on 'Recent Advancements in Electric Vehicle Technologies' organized by M.Kumarasamy College of Engineering, Karur from 17th to 21nd July 2023.

- FDP on 'Challenges and Opportunity in Electric Vehicle' organized by K.S.R. College of Engineering, Tiruchengode from 9th to 14th October 2023.

Mr.S.Ragul, AP, Electrical and Electronics Engineering department attended

- FDP on 'Current Trends in Engineering, Science and Technology' organized by Sree Sakthi Engineering College, Coimbatore from 3rd to 8th July 2023.

- FDP on 'Emerging Technologies for Next Generation Networks' organized by Kings Engineering College, Chennai from 17th to 22nd July 2023.

- Completed Innovation Ambassador (IA) training 'Advanced Level' organized by MOE'S Innovation Cell.

Mr.R.Manikandan, AP, Electrical and Electronics Engineering department attended

- FDP on 'Current Trends in Engineering, Science and Technology' organized by Sree Sakthi Engineering College, Coimbatore from 3rd to 8th July 2023.

- FDP on 'Realizing the Benefits of Academic Research' organized by Sree Sakthi Engineering College, Coimbatore from 10th to 15th July 2023.

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mrs.R.Deebika, AP, Electrical and Electronics Engineering department attended

- FDP on 'Recent Trends in Multidisciplinary Research' organized by SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 7th to 18th July 2023.

- FDP on 'Cloud Infrastructure (AWS)' organized by Christ College of Engineering and Technology, Puducherry from 21st to 25th August 2023.

- FDP on 'Introduction to Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mr.K.Karthik, AP, Electrical and Electronics Engineering department attended

- FDP on 'Realizing the Benefits of Academic Research' organized by SreeSakthi Engineering College, Coimbatore from 10th to 15th July 2023.

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mrs.S.Revathi, AP, Electrical and Electronics Engineering department attended

- FDP on 'Recent Advancements in Electric Vehicle Technologies' organized by M.Kumarasamy College of Engineering, Karur from 17th to 21nd July 2023.

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

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- FDP on 'Introduction to Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mr.P.Tamilnesan, AP, Electrical and Electronics Engineering department attended

- FDP on 'Emerging Technologies for Next Generation Networks' organized by Kings Engineering College, Chennai from 17th to 22nd July 2023.

- FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' organized by NPTEL from 1st July 2023 to 30th October 2023.

Mr.C.Gowrishankar, AP, Electrical and Electronics Engineering department attended

- FDP on 'Emerging Technologies for Next Generation Networks' organized by Kings Engineering College, Chennai from 17th to 22nd July 2023.

MoU Signed

1. Kongunadu College of Engineering and Technology (Autonomous) signed MoU with ECI Systems Private Limited, Chennai - 600132 on 01st September 2023.



2. Kongunadu College of Engineering and Technology (Autonomous) signed MoU with Ashok Textile Mills (P) Ltd, Ponneri (Po), Namakkal – 637 013 on 11th December 2023.



Patents Granted

- Dr.P.Arul, Mr.R.Gopalakrishnan, Mrs.B.Saranya, Mr.T.Rajamanikandan, Mr.S.Pradeevraj, Mr.A.Vairamani, Mr.T.Ravikumar & Mr.P.Sathishkumar 'Elongated Hexagonal Pyramid Shaped Portable Solar Dryer', Application Number - 201841025031, Patent Number - 421954 granted on 16th February 2023.

- Mr.T.Rajamanikandan 'Plug Outage Cylindrical Shaped Rotary Switch Board', Application Number - 201641032301, Patent Number - 438875 granted on 14th July 2023.

- Dr.R.Asokan, Dr.P.Arul, Mr.K.Jawahar, Mr.M.Saravanan, Mr.T.Rajamanikandan, Ms.B.Saranya, Mr.S.Manojkumar, Mr.B.Karthick & Ms.B.Pradeepa 'Electro - Hydraulic Compression Based Pseudo Stem Juicer', Application Number - 201841025030, Patent Number - 441038 granted on 28th July 2023.

- Mr.R.Gopalakrishnan, Mr.K.Karthik & Mr.T.Rajamanikandan 'Eco Friendly Energy Efficient Vacuum Light switch', Application Number - 201741041093, Patent Number - 478030 granted on 6th December 2023.

- Dr.S.Uma, Dr.V.Kumar, Dr.R.Asokan & Mr.T.Rajamanikandan 'Portable and Dismantable Channel Conveyor for Field Transportation of Banana', Application Number - 201841005897, Patent Number - 484713 granted on 18th December 2023.

Patent Published

- T.Rajamanikandan, Dr.P.Arul, Dr.R.Shankar, Dr.T.Sengolrajan, Dr.N.Sridhar, K.Karthik, P.Tamilnesan, S.Revathi, R.Manikandan, M.P.Iniya & M.P.Indhu 'Development of Electricity Storage Device using Clay Soil and Quartz', Application Number - 202341043400A filed on 28th July 2023 and published on 15th September 2023.

Value Added Course

- VACEE13 - AI for Electrical Engineering



Students Contribution

NPTEL Completed

- NPTEL Course on 'Introduction to Industry 4.0 and Industrial Internet of Things' was completed by 64 students of IV year Electrical and Electronics Engineering during July to October 2023.

- NPTEL Course on 'Introduction to Industry 4.0 and Industrial Internet of Things' was completed by 31 students of III year Electrical and Electronics Engineering during July to October 2023.

- NPTEL Course on 'Introduction to Internet of Things' was completed by one student of III year Electrical and Electronics Engineering during July to October 2023.

Prize Won

1. V.Dharshini and R.Brundha of III year Electrical and Electronics Engineering department won II Prize in Paper Presentation on title 'Electric Vehicle Technology' in National Level Technical Symposium, GRID 2K23 organized by K.S.R. College of Engineering, Namakkal on 1st September 2023.

2. P.Vinothini of II year Electrical and Electronics Engineering department won I Prize in Paper Presentation on title 'Green Energy Technology' in National Level Technical Symposium, E3 FEST - 2K23 organized by Dhanalakshmi Srinivasan Engineering College, Perambalur on 21st September 2023.

3. A.Kirubanandhan and B.Balaji of IV year Electrical and Electronics Engineering department won II Prize in the Technical Event on title 'Connections' in National Level Technical Symposium, E3 FEST - 2K23 organized by Dhanalakshmi Srinivasan Engineering College, Perambalur on 21st September 2023.

4. M.Malini and P.Pavithra of IV year Electrical and Electronics Engineering department won I Prize in the Technical Event on title 'Connections' in National Level Technical Symposium, E3 FEST - 2K23 organized by Dhanalakshmi Srinivasan Engineering College, Perambalur on 21st September 2023.

5. S.Dharshini of IV year Electrical and Electronics Engineering department won I Prize in the Technical Event on title 'Technical Quiz' in National Level Technical Symposium, E3 FEST - 2K23 organized by Dhanalakshmi Srinivasan Engineering College, Perambalur on 21st September 2023.

6. N.Gokul and S.Sarath Kumar of IV year Electrical and Electronics Engineering department won I Prize in the Technical Event on title 'Current Explore' in National Level Technical Symposium, Brahmastra-23 organized by Chettinad College of Engineering and Technology, Karur on 22nd September 2023.

7. N.Gokul and S.Sarath Kumar of IV year Electrical and Electronics Engineering department won I Prize in the Technical Event on title 'Electric Tech Expo' in National Level Technical Symposium, Brahmastra-23 organized by Chettinad College of Engineering and Technology, Karur on 22nd September 2023.

8. C.Kokilavani of II year Electrical and Electronics Engineering department won II Prize in the Technical Event on title 'QUIZATHON' in National Level Technical Symposium, DECIBERTZ'23 organized by Dhanalakshmi Srinivasan Engineering College, Perambalur on 22nd September 2023.

9. P.Vinothini and S.Maheswari of II year Electrical and Electronics Engineering department won I Prize in Paper Presentation on title 'Renewable Energy in modern Technology' in National Level Technical Symposium TECHSYM SARYU - 2023 organized by Sengunthar Engineering College, Namakkal on 26th & 27th September 2023.

10. M.Keerthana and M.K.Kaviyadharshini of IV year Electrical and Electronics Engineering department won II Prize in Technical Event on title 'Just a Minute' in National Level Technical Symposium TECHSYM SARYU - 2023 organized by Sengunthar Engineering College, Namakkal on 26th & 27th September 2023.

11. S.Kiruthika and S.T.Sugitha of IV year Electrical and Electronics Engineering department won I Prize in Technical Event on title 'Connexion' in National Level Technical Symposium TECHSYM SARYU - 2023 organized by Sengunthar Engineering College, Namakkal on 26th & 27th September 2023.

12. I.Gopi Krishnan and P.Akilan of II year Electrical and Electronics Engineering department won II Prize in Paper Presentation on title 'Green Energy' in National Level Technical Symposium TECHSYM-23 organized by Salem College of Engineering and Technology, Salem on 13th October 2023.

13. R.Manoj and V.Ajay of II year Electrical and Electronics Engineering department won I Prize in the Technical Event on title 'E-Games' in National Level Technical Symposium organized by Sasuri College of Engineering, Tiruppur on 4th November 2023.

Student Participation

Event	Number of students Attended
International Conference	7
Symposium	99
Workshop- External	37
Workshop- Internal	17
Seminar- External	5
Seminar- Internal	4
Webinar	9
Technical events	45

Internship

1. Hyper Sonic Tech Solutions, Pune
2. Samcore Solution, Trichy
3. ilife Technologies, Trichy
4. Liveware Future Skills Solutions, Namakkal
5. Kodacy in Association with SPACE, Kerala

6. Mobitech Wireless Solution(MWS) Research Centre, Erode
7. Websino Technology, Chennai
8. Skynoveau Technology, Namakkal
9. Sri Kuppanna Spinning Mills(P) Ltd, Tirupur
10. OLITEC Solar Energy, Vellore
11. DS Connectors and cables India PVT.LTD, Kancheepuram
12. iSquare Consulting Services, LLP, Trichy
13. Innovative Solutions, Bengaluru

Industrial Visit

- Athikadavu - Avinashi Project, Erode
- Masco Tea Factory, Vagamon, Kerala
- Mettur Thermal Power Plant, Salem
- Padmavahini Transformers Private Limited, Coimbatore

LIST OF TOPPERS APRIL/MAY-2023

(III Year/ VI Sem)



A.SWETHA
[9.789 SGPA]



A.SANFARRENOSHA
[9.316 SGPA]



VIGNESH.S
[8.947 SGPA]

(II Year/ IV Sem)



M.SOWMIYA
[9.826 SGPA]



C.KEERTHANA SHIVANI
[9.826 SGPA]



M.SWATHI
[9.348 SGPA]



S.SAKASH
[9.087 SGPA]

(I Year/ II Sem)



P.VINOTHINI
[8.87 SGPA]



S.MAHESHWARI
[8.74 SGPA]



S.K.DHARSHANA
[8.52 SGPA]

COLLEGE VISION & MISSION

VISION

“To become an Internationally Renowned Institution in Technical Education, Research and Development by Transforming the Students into Competent Professionals with Leadership Skills and Ethical Values.”

MISSION

- ❖ Providing the Best Resources and Infrastructure.
- ❖ Creating Learner-Centric Environment and Continuous Learning.
- ❖ Promoting Effective Links with Intellectuals and Industries.
- ❖ Enriching Employability and Entrepreneurial Skills.
- ❖ Adapting to Changes for Sustainable Development.

DEPARTMENT VISION & MISSION

VISION

“To be a pioneer in Electrical and Electronics Engineering and to create electrical engineering experts with social responsibilities, for global industry needs”

MISSION

- ❖ To facilitate the students continuous learning with best infrastructure and environment.
- ❖ To provide the students with skills, knowledge and opportunities to function as member of multi-disciplinary teams
- ❖ To empower the students towards popular needs of industry, research and development
- ❖ To enable ethics, values and contribution to the society

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