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

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

# KNCET ELECTRUM

## Common Activities

### National level Technical Symposium

• National Level Technical Symposium 'Tekcluster-2K22' was organized on 25<sup>th</sup> September 2022. The resource person was Mr.S.Sarath Chandar, General Manager Human Resources at Vaken Technologies Private Limited, Chennai.



### Parent – Teachers Meet

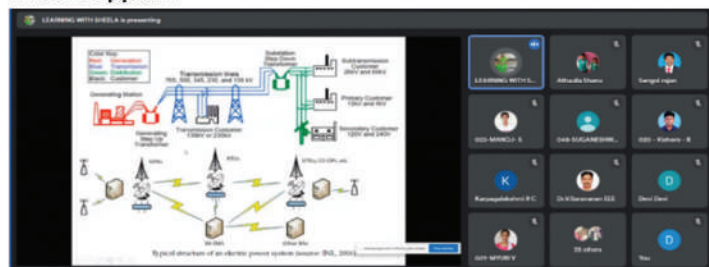
• Parent – Teachers Meet was conducted for IV, III & II year on 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> October 2022 respectively. The prizes has been awarded to the students and staff members for their best performance.



## Programme Conducted by the Department

### (Workshop / Seminar / Guest Lecture / Training / Webinar / Others)

• Council of Scientific and Industrial Research sponsored National Level Seminar on 'Introduction to Cyber Security Issues and unit Commitment Problems in Power System' was organized on 17<sup>th</sup> & 18<sup>th</sup> June 2022. The resource persons were Dr.L.Ashok Kumar, Professor/ EEE, PSG College of Technology, Coimbatore, Dr.A.Sheela, Associate Professor & Head/ EEE, Kongu Engineering College, Erode, Dr.P.Arul, Professor/EEE and Mr.R.Gopalakrishnan, Assistant Professor/EEE, Kongunadu College of Engineering and Technology, Tiruchirappalli.



• Guest Lecture on 'Opportunities for Innovative Engineers' was organized on 10<sup>th</sup> September 2022. The resource persons were Dr. V. Suvekbala, Chief Executive Officer and Mr. Vinoth Malaikani, Incubation Scientist, EDII – Anna Business Incubation Research Foundation, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.



- Seminar on 'Incubators and Startup' was organized on 3<sup>rd</sup> November 2022. The resource person was Dr.V.Suvekbala, Chief Executive Officer, EDII – Anna Business Incubation Research Foundation, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.



- Webinar on 'Recent Technology in Electric Vehicles' was organized on 12<sup>th</sup> November 2022. The resource person was Er.M.Logeshwaran, Lead Engineer, HCL Technology, Chennai.



- Webinar on 'Future Scope for Electrical Engineers through GATE' was organized on 21<sup>st</sup> November 2022. The resource person was Mr.S.Manimohan Trinath, Senior Faculty, ACE Engineering Academy, Hyderabad.

## Energy Club

- Inaugural and Guest Lecture on 'Road Map towards Energy Conservation and Production of Sustainable Energy' was organized on 22<sup>nd</sup> September 2022. The resource person was Er.Srinivas Mohan, Director, Remon Solutions Pvt. Ltd., Chennai.



- Webinar on 'Cyber Security in IoT Enabled Smart Grid' was organized on 12<sup>th</sup> November 2022. The resource person was Er.R.Vignesh, Chief Technology Officer, Quantanics Techserv Private Ltd, Madurai.



- Webinar on 'Energy Conservation Techniques in Smart Grid' was organized on 14<sup>th</sup> December 2022. The resource person was Mr.K.Harikaran, Tamilnadu Transmission and Distribution Company, Palavadi Substation, Krishnagiri.



## Tamil Mandram :

- Conducted the Drawing Competition, Essay Writing Competition and Speech Competition in Tamil Mandram dated on 12<sup>th</sup> August 2022 at Kongunadu College of Engineering and Technology, Thottiyam.

- Conducted Inaugural and Guest lecture on “இலக்கியம் - இலக்கும் இன்பமும்” by Dr.S.Rajendran, Professor, Nehru Memorial College, Trichy in Tamil Mandram dated on 22<sup>nd</sup> September 2022 at Kongunadu College of Engineering and Technology, Thottiyam.



- Conducted a Debate Competition on “மக்கள் தொகை பெருக்கம் பலமா? பலவீனமா?” in Tamil Mandram dated on 22<sup>nd</sup> September, 2022 at KNCET, Thottiyam.

- Conducted a Poster Design Competition on “My Vote is My Right – Power of One Vote” in Tamil Mandram dated on 23<sup>rd</sup> September, 2022 at KNCET, Thottiyam.

## Centre for Excellence – Industrial Automation

- Three Days Workshop on 'Future Trends in Industrial Automation' was organized on 13<sup>th</sup> to 15<sup>th</sup> October 2022. The chief guest was Mr.S.Giridharan, Project Manager and Mr.R.Siva, Project Engineer, Basell Automation System Private Limited, Chennai.



- Webinar on 'Role of PLC & SCADA in Power Sector' was organized on 19<sup>th</sup> November 2022. The chief guest was Mr.B.Praveendass, Chief Executive Officer, L&P Renewable System Integrator, Erode.



## Centre for Excellence – Internet of Things & Embedded Systems

- Webinar on 'Industrial Opportunities in ARM Processor' was organized on 5<sup>th</sup> November 2022. The resource person was Dr.P.Ponnambalam, Associate Professor, School of Electrical Engineering (SELECT), VIT University, Vellore.

- Seminar on 'Sensor Technologies in IoT' was organized on 1<sup>st</sup> December 2022. The resource person was Mrs.Jerlin Hemnath, Trainer Head, Hitakey Infosys, Tiruchirappalli.



## Staff Contribution

## Staff Achievements and Awards

- ❖ Dr.R.Shankar, Professor & Head, Electrical and Electronics Engineering completed NPTEL course on 'Introduction To Internet of Things' and received Elite certificate during July 2022 to November 2022.

- ❖ Dr.T.Sengolrajan, ASP, Electrical and Electronics Engineering completed NPTEL course on 'Introduction To Internet of Things' and received Elite certificate during July 2022 to November 2022.

- ❖ Mr.R.Gopalakrishnan, AP, Electrical and Electronics Engineering completed NPTEL course on 'Electrical Machines-I' and received Elite certificate during July 2022 to November 2022.

- ❖ Mr.K.Mohanraj, AP, Electrical and Electronics Engineering completed NPTEL course on 'Introduction To Internet of Things' during July 2022 to November 2022.

## Staff as a resource person

- Mr.T.Rajamanikandan, AP/EEE & Head (IPR & Product Development) was a facilitator for the 'Awareness programme on Entrepreneurship & Innovation' at Government Polytechnic College, Srirangam on 24<sup>th</sup> August 2022.

- Mr.T.Rajamanikandan, AP/EEE & Head (IPR & Product Development) gave a special talk on 'World Entrepreneurs Day-2022' at Dhanalakshmi Srinivasan University, Tiruchirappalli on 30<sup>th</sup> August 2022.

- Mr.T.Rajamanikandan, AP/EEE & Head (IPR & Product Development) acted as an resource person for Student Induction Program - 2022 & delivered lecture on 'Opportunities for Innovative Engineers' at Dhanalakshmi Srinivasan University, Tiruchirappalli on 16<sup>th</sup> September 2022.

- Mr.T.Rajamanikandan, AP/EEE & Head (IPR & Product Development) gave a guest lecture on 'Entrepreneurial Journey' at GITAM School of Business, GITAM (Deemed to be University), Hyderabad on 10<sup>th</sup> October 2022.

- Mr.T.Rajamanikandan, AP/EEE & Head (IPR & Product Development) acted as an resource person for workshop on 'Business Plan/Feasibility Report Preparation' at Government Polytechnic College, Srirangam on 11<sup>th</sup> November 2022.

## Faculty Industrial Training :

- ❖ Dr.T.Sengolrajan, ASP & Mr.S.Arun, AP, Electrical and Electronics Engineering has undergone the industrial training at Salem Steel Plant SAIL, Salem from 9<sup>th</sup> June to 11<sup>th</sup> June 2022.

- ❖ Mr.T.Muthukumar & Mr.J.Karthikeyan, AP, Electrical and Electronics Engineering has undergone the industrial training at Apex Solar Power Plant (30MW), Ponnusangampatti, Thuraiyur, Trichy from 21<sup>st</sup> June to 23<sup>rd</sup> June 2022.

- ❖ Mr.K.Karthik, Mr.S.Ragul & Mr.R.Manikandan, AP, Electrical and Electronics Engineering has undergone the industrial training at K.K.P. Textiles Pvt. Ltd., Namakkal from 07<sup>th</sup> July to 09<sup>th</sup> July 2022.



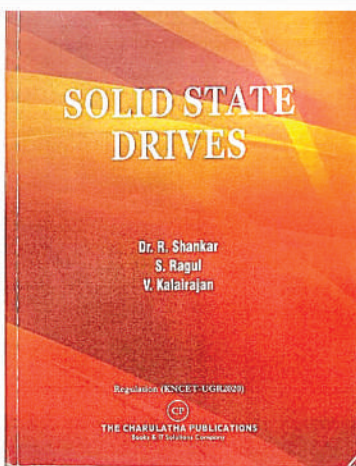
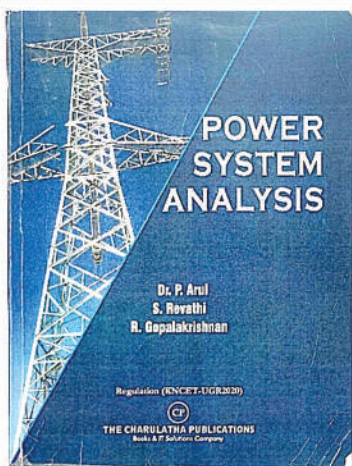
- ❖ Mr.K.Mohanraj, Mr.R.Gopalakrishnan & Mrs.S.Revathi, AP, Electrical and Electronics Engineering has undergone the industrial training at Ponni Sugars (Erode) Limited, Odapalli, Erode from 11<sup>th</sup> July to 14<sup>th</sup> July 2022.

- ❖ Mr.P.Tamilnesan, AP, Electrical and Electronics Engineering has undergone the industrial training at IPCS Automation, Trichy from 17<sup>th</sup> July to 19<sup>th</sup> July 2022.

## Publication of Book

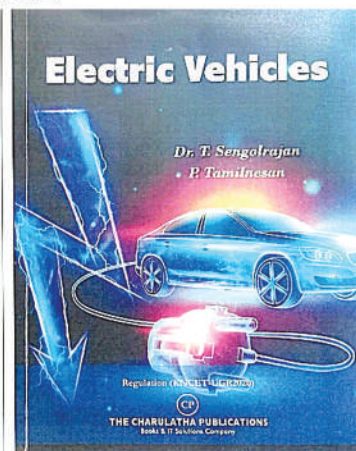
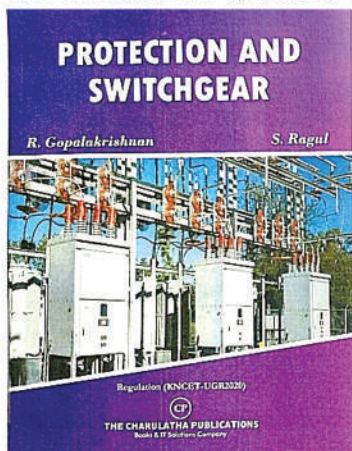
- Dr.R.Shankar, Mr.S.Ragul and Mr.V.Kalairajan, Solid State Drives, The Charulatha Publications, Chennai, ISBN No: 978-93-93479-59-4, June 2022.

- Dr.P.Arul, Mrs.S.Revathi and Mr.R.Gopalakrishnan, Power System Analysis, The Charulatha Publications, Chennai, ISBN No: 978-93-93479-67-9, June 2022.

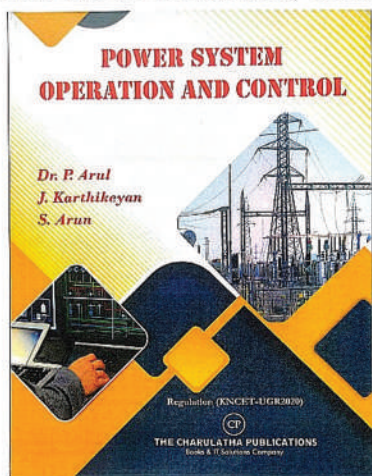


• Dr.T.Sengolrajan and Mr.P.Tamilnesan, Electric Vehicles, The Charulatha Publications, Chennai, ISBN No: 978-93-95211-73-4, October 2022.

• Mr.R.Gopalakrishnan and Mr.S.Ragul, Protection and Switchgear, The Charulatha Publications, Chennai, ISBN No: 978-93-95211-69-7, October 2022.



• Dr.P.Arul, Mr.J.Karthikeyan and Mr.S.Arun, Power System Operation and Control, The Charulatha Publications, Chennai, ISBN No: 978-93-95211-68-0, October 2022.



## Publication in Journals

• Karthikeyan B, Rajamanikandan T, Banumathi S & Manivasagam R, 'Analysis of Mechanical Properties of DCH and PCFS used in Electrical Insulation Boards', Materials Today: Proceedings, ISSN: 2214-7853, Vol.69, No.3, pp.773-778, July 2022, IF:1.24, Scopus, <https://doi.org/10.1016/j.matpr.2022.07.205>.

• Dhamodharan Selvaraj, Dr.Dhanalakshmi R, Dr.Arul P & Gopalakrishnan R, 'Hybrid PSO-IC Algorithm for Grid Connected PV Power System with EV Battery', Journal of East China University of Science and Technology, ISSN : 1006-3080, Vol.65, No.3, pp.513-524, August 2022, IF:0.08, Scopus, [http://hdlgdx.info/index.php/JE\\_CUST/article/view/150](http://hdlgdx.info/index.php/JE_CUST/article/view/150).

• Dr.Shankar R, Dr.Sengolrajan T, Mohanraj K & Balraj B, 'Integration of Wind and Solar Farms in a Doubly Fed Induction Generator using Hybrid GA-ANN Controllers', Electric Power Systems Research, Elsevier, ISSN:0378-7796, Vol.213, pp.1-13, August, 2022, I.F:3.818, SCIE, <https://doi.org/10.1016/j.epr.2022.108764>.

• Venkatesan M, Gouse Basha S, Ramkumar A, Manikandan R, Easwaran M & Baseem Khan, 'Switched Capacitor based High Step-up Multilevel Inverter with Self-Balancing Ability and Low Switching Stress', International Transactions on Electrical Energy Systems, Hindawi, ISSN :2050-7038, Vol.2022, Article ID:4150590, October, 2022, pp.1-12, SCIE, I.F:2.639, <https://doi.org/10.1155/2022/4150590>.

• Jai Ganesh R, Manjunathan Alagarsamy, Gabriel Santhosh Kumar G, Tamilnesan P, Kaarthik K & Jemal Mohammed Yimer, 'Aquatic Emission and Properties Analysis for Wind Turbine Blades', Advances in Materials Science and Engineering, Hindawi, ISSN: 1687-8434, Vol.2022, October 2022, pp.1-9, IF: 2.098, SCIE, Article ID: 5746688, <https://doi.org/10.1155/2022/5746688>.

• Rajamaikandan T, Banumathi S, Karthikeyan B, Palanisamy R, Mohit Bajaj, Hossam M. Zawbaa & Salah Kamel, 'Investigation of Dielectric and Mechanical Properties of Lignocellulosic Rice Husk Fibril for High and Medium Voltage Electrical Insulation Applications', Journal of Materials Research and Technology (JMR&T), Elsevier, ISSN: 2238-7854, Vol.22, November 2022, pp.865-878, SCIE, IF:6.267, <https://doi.org/10.1016/j.jmrt.2022.11.145>.

## Workshop/ Webinar/ FDP Attended Workshop :

• Dr.T.Sengolrajan, ASP, Mr.K.Karthik & Mrs.S.Revathi, AP of Electrical and Electronics Engineering department attended an online Workshop on 'Introduction to Cyber Security Issues and Unit Commitment Problems in Power System' at Kongunadu College of Engineering and Technology, Thottiam on 17<sup>th</sup> & 18<sup>th</sup> June 2022.

• Mr.R.Manikandan, AP of Electrical and Electronics Engineering department attended an online Workshop on 'Emerging Trends in Power Generation using Bloom Energy Technology and its Future Needs' at Muthayammal College of Engineering, Rasipuram on 14<sup>th</sup> & 15<sup>th</sup> July 2022.

• Dr.R.Shankar, Professor & Head, Dr.T.Sengolrajan, ASP, Mr.P.Tamilnesan, Mrs.S.Revathi & Mr.S.Arun, AP of Electrical and Electronics Engineering department attended Workshop on 'Future Trends in Industrial Automation' at Kongunadu College of Engineering and Technology, Thottiam from 13<sup>th</sup> to 15<sup>th</sup> October 2022.

• Mr.C.Gowrishankar, AP of Electrical and Electronics Engineering department attended an online Workshop on 'Basics of Electric Vehicles and its Design Process' at Edux Labs in association with Mechanica IIT Madras from 24<sup>th</sup> to 26<sup>th</sup> November 2022.

## Webinar/ Seminar :

- Mr.C.Gowrishankar, AP of Electrical and Electronics Engineering department attended an online Webinar on 'Electrified Transportation The Past, Present and Future' at SIMATS School of Engineering, Chennai on 05<sup>th</sup> August 2022.

- Mr.R.Gopalakrishnan, Mr.S.Ragul & Mrs.S.Revathi, AP of Electrical and Electronics Engineering department attended an online Webinar on 'Adaptive Control Schemes for Grid-Tied Inverters to Improve Power Quality of Micro-Grid Systems' at SRM TRP Engineering College, Trichy on 17<sup>th</sup> August 2022.

- Mr.C.Gowrishankar, AP of Electrical and Electronics Engineering department attended an online Seminar on 'Smart Grids and Distributed Energy systems' at Prathyusha Engineering College, Chennai on 12<sup>th</sup> September 2022.

- Mr.K.Mohanraj, AP of Electrical and Electronics Engineering department attended an online Webinar on 'Understanding of Key Indicators and Metrics for Preparation of DVV and Documents for submission of SSR of Autonomous Institutes' at AISSMS Institute of Information Technology, Maharashtra on 01<sup>st</sup> October 2022.

## FDP :

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

- FDP on 'Introduction to Internet of Things' organized by NPTEL from 1<sup>st</sup> July to 30<sup>th</sup> October 2022.

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

- FDP on 'Emerging Technologies in Renewable Energy for Sustainable Development' organized by RVS College of Engineering and Technology, Coimbatore from 23<sup>rd</sup> to 27<sup>th</sup> August 2022.

- FDP on 'Introduction to Internet of Things' organized by NPTEL from 1<sup>st</sup> July to 30<sup>th</sup> October 2022.

- FDP on 'Electrical Vehicle Technologies-A Future Transportation Tool' organized by Bangalore Institute of Technology, Belagavi 28<sup>th</sup> November to 02<sup>nd</sup> December 2022.

- ❖ Mr.T.Rajamanikandan, AP, Electrical and Electronics Engineering department & Head (IPR & Product Development) attended

- Innovation Ambassador (IA) training (Foundation level) organized by MoE'S Innovation Cell and for 30 hours during IIC Calendar 2021-2022.

- Skill Development Program on 'IPR, Copyrights & Patents Filling and Pathway for Entrepreneurship' organized by M.Kumarasamy College of Engineering, Karur from 21<sup>st</sup> to 25<sup>th</sup> November 2022.

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

- FDP on 'Emerging Technologies in Renewable Energy for Sustainable Development' organized by RVS College of Engineering and Technology, Coimbatore from 23<sup>rd</sup> to 27<sup>th</sup> August 2022.

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

- FDP on 'Emerging Technologies in Renewable Energy for Sustainable Development' organized by RVS College of Engineering and Technology, Coimbatore from 23<sup>rd</sup> to 27<sup>th</sup> August 2022.

- FDP on '3D Printing Technologies' organized by Vemu Institute of Technology, Tirupati from 06<sup>th</sup> to 10<sup>th</sup> September 2022.

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

- FDP on 'EE8501- Power System Analysis' organized by Sri Ramakrishna Engineering College, Coimbatore from 11<sup>th</sup> to 16<sup>th</sup> July 2022.

- FDP on 'Cloud Practitioner (AWS)' organized by Kongunadu College of Engineering and Technology, Thottiam from 7<sup>th</sup> to 11<sup>th</sup> November 2022.

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

- Naan Mudhalvan Training for 'Augmented Reality, Virtual Reality & Metaverse Development' organized by InGage Technologies Pvt. Ltd., Chennai from 19<sup>th</sup> to 30<sup>th</sup> September 2022.

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

- Innovation Ambassador (IA) training (Foundation level) organized by MoE'S Innovation Cell and for 30 hours during IIC Calendar 2021-2022.

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

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- ❖ Mr.J.Karthikeyan, AP, Electrical and Electronics Engineering department attended

- FDP on 'Emerging Technologies in Renewable Energy for Sustainable Development' organized by RVS College of Engineering and Technology, Coimbatore from 23<sup>rd</sup> to 27<sup>th</sup> August 2022.

- ❖ Mr.S.Arun, AP, Electrical and Electronics Engineering department attended

- FDP on 'Emerging Technologies in Renewable Energy for Sustainable Development' organized by RVS College of Engineering and Technology, Coimbatore from 23<sup>rd</sup> to 27<sup>th</sup> August 2022.

- FDP on 'Cloud Practitioner (AWS)' organized by Kongunadu College of Engineering and Technology, Thottiam from 7<sup>th</sup> to 11<sup>th</sup> November 2022.

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

- FDP on 'The Role of Artificial Intelligence in Renewable Energy Applications' organized by KPR Institute of Engineering and Technology, Coimbatore from 01<sup>st</sup> to 05<sup>th</sup> August 2022.

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

- FDP on 'Emerging Technologies in Renewable Energy for Sustainable Development' organized by RVS College of Engineering and Technology, Coimbatore from 23<sup>rd</sup> to 27<sup>th</sup> August 2022.

## MoU Signed

- Kongunadu College of Engineering and Technology (Autonomous) signed MoU with Test and Verification Solutions India Pvt. Ltd., (A Subsidiary of Tessolve Semiconductor Pvt. Ltd.), Chennai on 27<sup>th</sup> May 2022.

## Value Added Course

❖ Industrial IoT using MSP430 and CC3200 Launchpad



## Students Contribution

### Prize Won

1. R.Kishore & G.Gopinath of IV year Electrical and Electronics Engineering department won I Prize in Paper Presentation on title 'Eco-friendly Modern Agriculture Machinery Control and Monitoring with IoT' at ELECTRA COMMUNIX 2K22-National Level Technical Symposium held by Gnanamani College of Technology, Namakkal on 12<sup>th</sup> October 2022.

2. S.Sathya of III year Electrical and Electronics Engineering department won II Prize in Paper Presentation on title 'Advanced Technology in Internet' at KTECH FESTA'22-National Level Technical Symposium held by Kurinji College of Engineering and Technology, Manapparai on 14<sup>th</sup> October 2022.

3. R.Kishore of IV year Electrical and Electronics Engineering department won II Prize in Paper Presentation on title 'Recent technology in IoT' at TECHSYM SAIYU 22-National Level Technical Symposium held by Sengunthar Engineering College, Tiruchengode on 19<sup>th</sup> and 20<sup>th</sup> October 2022.

4. R.Kishore & C.Sundar of IV year Electrical and Electronics Engineering department won III Prize in Technical Fest on title 'DRONETRIX & AMPHIBOT' at CONSCIENTIA 2022-National Level Technical Symposium held by Indian Institute of Space Science and Technology, Kerala on 4<sup>th</sup> to 7<sup>th</sup> November 2022.

5. J.Jagesh & B.Kishore of III year Electrical and Electronics Engineering department won II Prize in event title as 'D-SIM' at INVENTE-22-National Level Technical Fest held by SSN College of Engineering, Chennai on 4<sup>th</sup> November 2022.

6. B.Kishore & A.Anas Mohamed of III year Electrical and Electronics Engineering department won II Prize in event title as 'No-Jargon' at INVENTE-22-National Level Technical Fest held by SSN College of Engineering, Chennai on 4<sup>th</sup> November 2022.

7. R.Nishanth of III year Electrical and Electronics Engineering department won II Prize in Paper Presentation on title 'Low cost-effective trains' at E3-Technovate 22-National Level Technical Symposium held by University college of Engineering, Kancheepuram on 2<sup>nd</sup> December 2022.

8. R.Sedupathi & V.Pragatheswaran of III year Electrical and Electronics Engineering department won II Prize in event title as 'Connexion' at E3-Technovate 22-National Level Technical Symposium held by University college of Engineering, Kancheepuram on 2<sup>nd</sup> December 2022.

9. T.Infant Steve & R.Nishanth of III year Electrical and Electronics Engineering department won I Prize in event title as 'Connexion' at E3-Technovate 22-National Level Technical Symposium held by University college of Engineering, Kancheepuram on 2<sup>nd</sup> December 2022.

## Paper Presentation

1. S.Kavya, S.Keerthana Shivani & M.Sowmiya of II Year EEE Department presented a paper on 'Hybrid Energy Resources' in a National Technical Symposium 'KRIZEN'22' at Sri Krishna College of Engineering, Coimbatore, 15<sup>th</sup> September 2022.

2. S.Kavya, S.Keerthana Shivani & M.Sowmiya of II Year EEE Department presented a paper on 'Hybrid Energy Resources' in a National Technical Symposium 'KRIZEN'22' at Sri Krishna College of Engineering, Coimbatore, 15<sup>th</sup> September 2022.

3. A.Kirubanantham & V.Pragatheeswaran of III Year EEE Department presented a paper on 'Renewable Energy Sources' in a National Energy Conservation Day-2022 at SSM College of Engineering, Namakkal, 15<sup>th</sup> September 2022.

4. M.Keerthana, M.K.Kaviyadharshini & S.T.Sugitha of III Year EEE Department presented a paper on 'Forest Fire Alert System' in a National Technical Symposium 'ELECTRA COMMUNIX 2K22' at Gnanamani College of Technology, Namakkal, 12<sup>th</sup> October 2022.

5. V.Harija, A.Sanfarrennosha & A.Swetha of III Year EEE Department presented a paper on 'Hybrid Power Generation' in a National Technical Symposium 'ELECTRA COMMUNIX 2K22' at Gnanamani College of Technology, Namakkal, 12<sup>th</sup> October 2022.

6. R.Kishore & G.Gopinath of IV Year EEE Department presented a paper on 'Eco-friendly Modern Agriculture Machinery Control and Monitoring with IoT' in a National Technical Symposium 'ELECTRA COMMUNIX 2K22' at Gnanamani College of Technology, Namakkal, 12<sup>th</sup> October 2022.

7. S. Sathya of III Year EEE Department presented a paper on 'Advanced Technology in Internet' in a National Technical Symposium 'KTECH FESTA'22' at Kurinji College of Engineering, Manapparai, 14<sup>th</sup> October 2022.

8. S.Gokul of IV Year EEE Department presented a paper on 'Paper Battery' in a National level one day Technical Symposium 'TECH WRANGLER 2K22' at OASYS Institute of Technology, Trichy, 19<sup>th</sup> October 2022.

9. R.Subashini of II Year EEE Department presented a paper on 'Ultrasonic Motor' in a National level one day Technical Symposium 'TECH WRANGLER 2K22' at OASYS Institute of Technology, Trichy, 19<sup>th</sup> October 2022.

10. M.Swathi & K.Srinitha of II Year EEE Department presented a paper on 'Power Theft Detection' in a National level one day Technical Symposium 'TECH WRANGLER 2K22' at OASYS Institute of Technology, Trichy, 19<sup>th</sup> October 2022.

11. M.Priyadarshini & N.Mahalakshmi of II Year EEE Department presented a paper on 'Wireless Electricity' in a National level one day Technical Symposium 'TECH WRANGLER 2K22' at OASYS Institute of Technology, Trichy, 19<sup>th</sup> October 2022.

12. R.Kishore of IV Year EEE Department presented a paper on 'Recent technology in IoT' in a National level Technical Symposium 'TECHSYM SAIYU 22' at Sengunthar Engineering College, Tiruchengode, 19<sup>th</sup> and 20<sup>th</sup> October 2022.

13. R.Balaji, S.Karthi & R.Dhilipraj of III Year EEE Department presented a paper on 'PM Machines high power and high speed' in a National level Technical Symposium 'TECHSYM SAIYU 22' at Sengunthar Engineering College, Tiruchengode, 19<sup>th</sup> and 20<sup>th</sup> October 2022.

14. A.Chandru, S.Sanjaykumar & R.Boopathi of III Year EEE Department presented a paper on 'Soft Magnetic Composites' in a National level Technical Symposium 'TECHSYM SAIYU 22' at Sengunthar Engineering College, Tiruchengode, 19<sup>th</sup> and 20<sup>th</sup> October 2022.

15. S.Sarankumar, S.Adaikalraj & S.Suresh of III Year EEE Department presented a paper on 'Automatic Meter Reading' in a National level Technical Symposium 'TECHFINIX' 22' at Paavai Engineering College, Namakkal, 20<sup>th</sup> and 21<sup>st</sup> October 2022.

16. A. Thomas Maria Jones, D.Prasanth of III Year EEE Department presented a paper on 'Wave Energy Converter' in a National level Technical Symposium 'TECHFINIX' 22' at Paavai Engineering College, Namakkal, 20<sup>th</sup> and 21<sup>st</sup> October 2022.

17. M.Priyadarshini of II Year EEE Department presented a paper on 'HVDC Technology and Short Circuit Contribution of HVDC Light' in a National level Technical Symposium 'TECHFINIX' 22' at Paavai Engineering College, Namakkal, 20<sup>th</sup> and 21<sup>st</sup> October 2022.

18. A.Dhanasekaran & S.Sudhakar of II Year EEE Department presented a paper on 'Intelligent Substation' in a National level Technical Symposium 'TECHFINIX' 22' at Paavai Engineering College, Namakkal, 20<sup>th</sup> and 21<sup>st</sup> October 2022.

19. M.Vignesh, A.Sureshkumar & R.Kishorekumar of III Year EEE Department presented a paper on 'Lightning Protection Using LFA-M' in a National level Technical Symposium 'TECHFINIX' 22' at Paavai Engineering College, Namakkal, 20<sup>th</sup> and 21<sup>st</sup> October 2022.

20. V.Myuri & A.Srilekha of IV Year EEE Department presented a paper on 'Magneto hydrodynamic Power Generation Technology' in a National level Technical Symposium 'TECHFINIX' 22' at Paavai Engineering College, Namakkal, 20<sup>th</sup> and 21<sup>st</sup> October 2022.

21. A.Thabuna & T.Anushiya of II Year EEE Department presented a paper on 'Smart Dustbin' in a National level Technical Symposium 'THROTTLE-2K22' at K.S.R.College of Engineering, Tiruchengode, 11<sup>th</sup> November 2022.

22. R.Arun & V.Dhayan of II Year EEE Department presented a paper on 'IoT-enabled Convolutional Neural Networks: Techniques and Applications' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

23. R.Dhanush & P.Aadhi Kesavan of II Year EEE Department presented a paper on 'A recent review on lightweight cryptography in IoT' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

24. A.Anas Mohamed & M.Vignesh of III Year EEE Department presented a paper on 'Advanced physical contact technology for optical connectors' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

25. B.Sureka, S.Kaviya & G.Kalaichelvi of IV Year EEE Department presented a paper on 'Advanced optical fiber connectors' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

26. K.Sugasini, P.Meera & V.Myuri of IV Year EEE Department presented a paper on 'Spot-size converter integrated laser diodes (SS-LDs)' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

27. K.Lalitha Priya & N.Divyabharathi of IV Year EEE Department presented a paper on 'Blockchain for 5G Advanced Wireless Networks' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

28. M.Karupiah, M.Mohammed Mydeen & S.Jawahar of IV Year EEE Department presented a paper on 'Wireless sensor networks based public addressing system' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

29. P.Karthikeyan & R.Kishore of IV Year EEE Department presented a paper on '24 years postgraduate program renewable energy' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

30. S.Manoj & C.Sundar of IV Year EEE Department presented a paper on 'A New Renewable Energy Index' in National Level Technical Fest 'INVENTE'22' at SSN College of Engineering, Chennai, 1<sup>st</sup> and 2<sup>nd</sup> December 2022.

31. V.Vassekaran, R.Sedupathi & V.Pragatheeswaran of III Year EEE Department presented a paper on 'Top speed motors and their topologies' at University college of Engineering, Kancheepuram, 2<sup>nd</sup> December 2022.

### Student Participation in Seminar / Workshop/Webinar:

• P.Muthamil Pandiyan, G.Praveen, T.Sowthiri and M.Mohammed Mydeen of IV year Electrical and Electronics Engineering department attended a webinar on 'Web Designing' held at IIT Research Park, Chennai, on 4<sup>th</sup> August 2022.

- S.Harirajaram of IV year Electrical and Electronics Engineering department attended a webinar on 'Auto CAD-2D' held at Learn Delta, on 27<sup>th</sup> August 2022.

- M.Sowmiya, S.Keerthana Shivani, S.Kavya, T.Abhishek and M.Srikanth of II year Electrical and Electronics Engineering department attended a Hands on training in 'Lab VIEW Programming' held at SNS College of Engineering, Coimbatore, on 14<sup>th</sup> September 2022.

- M.Sowmiya, S.Keerthana Shivani and S.Kavya of II year Electrical and Electronics Engineering department attended a webinar on 'Industrial IoT and Automation' held at Sri Krishna College of Engineering, Coimbatore, on 15<sup>th</sup> September 2022.

- S.Sarathkumar and A.Anas Mohammed of III year Electrical and Electronics Engineering department attended a webinar on 'Building an Autonomous Line follower Robot using Arduino Uno' held at Sri Ramakrishna Engineering College, Coimbatore from 15<sup>th</sup> to 16<sup>th</sup> September 2022.

- S.Sudhakar of II year Electrical and Electronics Engineering department attended a webinar on 'CEDENCE EDA Tools for SoC Chip Design' held at Sri Eswar College of Engineering (Autonomous), Coimbatore from 22<sup>nd</sup> to 23<sup>rd</sup> September 2022.

- P.Muthamil Pandiyan of IV year Electrical and Electronics Engineering department attended a webinar on 'Future Trends in Industrial Automation' held at Kongunadu College of Engineering and Technology from 13<sup>th</sup> October to 15<sup>th</sup> October 2022.

- A.Anas Mohammed, A.Balamurugan, V.Deepana sree, M.Dhivyadharshini, T.Infant Steve, M.Keerthana, S.T.Sugitha and R.Nishanth of III year Electrical and Electronics Engineering department attended a webinar on 'Future Trends in Industrial Automation' held at Kongunadu College of Engineering and Technology from 13<sup>th</sup> October to 15<sup>th</sup> October 2022.

- P.Siva, P.Dinesh Murugan, R.S.Mahilmithran, T.Shomesh, P.Anandhan, T.Abishek, V.Heama Chandran, R.Dharun, A.Dhanasekaran, M.Swathi, M.Sowmiya, C.Keerthana Shivani, S.Kaviya, B.Srinivasan, K.Chandhra Mouli, A.Manoj, K.Mouleeshwaran and V.Dhayalan of II year Electrical and Electronics Engineering department attended a webinar on 'Future Trends in Industrial Automation' held at Kongunadu College of Engineering and Technology from 13<sup>th</sup> to 15<sup>th</sup> October 2022.

- V.Dhayalan of II year Electrical and Electronics Engineering department attended a webinar on 'Design Thinking' held at Kongunadu College of Engineering and Technology, on 19<sup>th</sup> October 2022.

- R.Arun, S.Karthik and T.Somesh, of II year Electrical and Electronics Engineering department attended a webinar on 'Fundamentals of Arduino and IoT' held at Paavai Engineering College, Namakkal, on 20<sup>th</sup> October 2022.

- K.R.Srinivasan, R.Aswinth, M.Vignesh and R.Ragupathi of IV year Electrical and Electronics Engineering department attended a webinar on 'Fundamentals of Arduino and IoT' held at Paavai Engineering College, Namakkal, on 20<sup>th</sup> October 2022.

- M.Sri Dharshini of IV year Electrical and Electronics Engineering department attended a webinar on 'Smart Electric Hand held Device for Female and Children Safety' held at Erode Sengunthar Engineering College, Erode from 20<sup>th</sup> October to 21<sup>st</sup> October 2022.

- V.Thirumali and S.Sudhakar of II year Electrical and Electronics Engineering department attended a webinar on 'Full Stack Programming' held at Velammal Engineering College, Chennai on 5<sup>th</sup> November 2022.

- P.Aadhikesavan of II year Electrical and Electronics Engineering department attended a webinar on 'Python Programming for Image Processing Techniques' held at Karpagam College of Engineering, Coimbatore on 11<sup>th</sup> November 2022.

- M.Leyash, S.Logeshkumar, J.Valan Joshi and P.Kishore Kumar of II year Electrical and Electronics Engineering department attended a webinar on 'Cyber Forensics and Cyber Crime Investigation' held at Karpagam College of Engineering, Coimbatore on 11<sup>th</sup> November 2022.

- R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Building a GST Calculator Application for Android & IOS' held at Skyy Rider Institution on 13<sup>th</sup> November 2022.

- R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Alternative Drive for Automotive' held at Skyy Rider Institution on 13<sup>th</sup> November 2022.

- V.Dhayalan and R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Fundamentals of building Information Modelling' held at Skill Bind Education on 16<sup>th</sup> November 2022.

- R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Build AI Powered Object Detector' held at Open Weaver on 16<sup>th</sup> November 2022.

- S.Hariharn of II year Electrical and Electronics Engineering department attended a webinar on 'Hybrid Drones Design and Applications' held at Skyy Rider Institution on 17<sup>th</sup> November 2022.

- R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Android Fundamentals with Capstone Project' held at Perfect Plan B E-Learning Private Limited on 17<sup>th</sup> November 2022.

- M.Shalini, M.Saravana Kumar and A.Srilekha of IV year Electrical and Electronics Engineering department attended a webinar on 'EV Manufacturing Industry' held at HIEE Empowering Engineers Pvt. Ltd., Hyderabad on 20<sup>th</sup> November 2022.

- A.Aneesh, V.Dhayalan, S.Harikaran, T.Somesh, M.Srikanth and R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'EV Manufacturing Industry' held at HIEE Empowering Engineers Pvt. Ltd., Hyderabad on 20<sup>th</sup> November 2022.

- K.Chandra Mouli, S.Akash, S.Aneesh, S.Girieshwaran, A.Manoj, K.Mouleeshwaran, B.Srinivasan, C.Keerthana Shivani, K.Srinitha, A.Santhosekumar, M.Swathi, J.Valan Joshi, C.Naveen and R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Learn Latest Skills' held Govt- NASSCOM FSP on 23<sup>rd</sup> November 2022.

- K.R.Srinivasan, B.Sureka, V.Sivaramakrishnan, N.Dhanish and C.Nithish of IV year Electrical and Electronics Engineering department attended a webinar on 'Learn Latest Skills' held Govt- NASSCOM FSP on 23<sup>rd</sup> November 2022.

- R.Dhanush of II year Electrical and Electronics Engineering department attended a webinar on 'Android Fundamentals with Capstone Project' held Perfect Plan B ELearning Private Limited on 26<sup>th</sup> November 2022.

- A.Thomas Maria Jones and V.Nandha Kishore of III year Electrical and Electronics Engineering department attended a webinar on 'Assembly and development of 3D printer' held at Saranathan College of Engineering, Trichy on 30<sup>th</sup> November 2022.

## Students Participation in other Events

- R.Bharathkumar, C.Sundar and R.Kishore of IV year Electrical and Electronics Engineering department participated in the event 'Eco Youth Startup Competition & Summit 2022' conducted by CMR Institute of Technology, Bangalore from 19<sup>th</sup> August 2022 to 20<sup>th</sup> August 2022.

- S.Kavya of II year Electrical and Electronics Engineering department participated in the event 'Soul Steps' conducted by Sri Krishna College of Engineering, Coimbatore on 15<sup>th</sup> September 2022.

- S.Sathya of III year Electrical and Electronics Engineering department participated in the event 'Logo Design' conducted by Kurinji College of Engineering, Manapparai on 14<sup>th</sup> October 2022.

- S.Sathya of III year Electrical and Electronics Engineering department participated in the event 'ADZAP' conducted by Kurinji College of Engineering, Manapparai on 14<sup>th</sup> October 2022.

- S.Karthi and R.Boopathi of III year Electrical and Electronics Engineering department participated in the event 'Just a Minute and Connection' conducted by Sengunthar Engineering College, Tiruchengode from 19<sup>th</sup> October 2022 to 20<sup>th</sup> October 2022.

- P.Anandhan, V.Heama Chandran, P.Dinesh Murugan, T.Abhishek and R.Sridhar of II year Electrical and Electronics Engineering department participated in the event 'Mr.Presenter' conducted by M.Kumarasamy College of Engineering & Technology, Karur on 03<sup>th</sup> November 2022.

- R.Dharun of II year Electrical and Electronics Engineering department participated in the event 'Mind crashers, Poster design, Photo clicks' conducted by M.Kumarasamy College of Engineering & Technology, Karur on 03<sup>th</sup> November 2022.

- B.Balaji of III year Electrical and Electronics Engineering department participated in the event 'Short Film' conducted by Arasu Engineering College, Kumbakonam on 04<sup>th</sup> November 2022.

- S.Meiyarasu of II year Electrical and Electronics Engineering department participated in the event 'Movies and Web Series Quiz' conducted by Velammal Engineering College, Chennai on 05<sup>th</sup> November 2022.

- C.Sundhar and R.Kishore of IV year Electrical and Electronics Engineering department participated in the event 'CONSCIENTIA 2022, Technical Fest (DRONETRIX & AMPHIBOT)' conducted by Indian Institute of Space Science and Technology, Kerala from 04<sup>th</sup> November 2022 to 07<sup>th</sup> November 2022.

- V.Vaseekaran, J.Hashim Abdullah, R.Sedhupathi, V.Pragadeeshwaran and T.Infant Steve of III year Electrical and Electronics Engineering department participated in the event 'Connection' conducted by Univeristy College of Engineering, Kancheepuram on 02<sup>nd</sup> December 2022.

- J.Jagesh and B.Kishore of III year Electrical and Electronics Engineering department participated in the event 'D-SIM' conducted by SSN College of Engineering, Chennai on 02<sup>nd</sup> December 2022.

- B.Kishore and A.Anas Mohammed of III year Electrical and Electronics Engineering department participated in the event 'No Jargon' conducted by SSN College of Engineering, Chennai on 02<sup>nd</sup> December 2022.

## Internship

1. Monish.E, Jeevanantham.S, Sathish.S, Sivarama krishnan.V, Sudhakar.K, Anbarasan.S, Premkumar.P, Jawahar.S, Pavithra.P, Sugitha.S.T, Keerthana.M, Kishore.B, Kirubananthan.A, Vignesh.M, Ragavendra.C and Thomas Maria Jones.A of Electrical and Electronics Engineering department attended internship at Hitakey Infosys, Tiruchirappalli from 28<sup>th</sup> September to 05<sup>th</sup> November 2022.

2. Hari Gokul V of Electrical and Electronics Engineering department attended internship at MSME-Technology Development Centre (PPDC), Foundry Nagar, Agra from 03<sup>rd</sup> October to 04<sup>th</sup> November 2022.

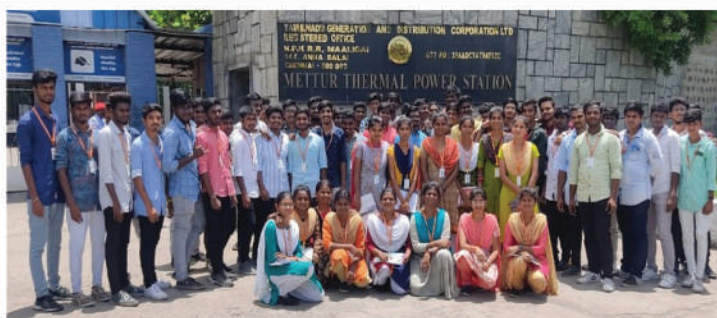
3. Hari Gokul.V of Electrical and Electronics Engineering department attended internship at MSME-Technology Development Centre (PPDC), Foundry Nagar, Agra from 03<sup>rd</sup> October to 04<sup>th</sup> November 2022.

4. Dharanidharan.N and Kishore.R of Electrical and Electronics Engineering department attended internship at MSME-Technology Development Centre (PPDC), Foundry Nagar, Agra from 12<sup>th</sup> September to 21<sup>st</sup> October 2022.

5. Akash.S, Aneesh.S, Anushiya.T, Brundha.R, Devakumar.L, Dinesh Murugan.P, Gayathiri.S, Gowtham.N, Manoj.A, Pradeep.V, Shomesh.T, Thabuna.A, Vijika.V, Meiyarasu.S, Balaji.B, Harija.V, Jeeva.R, Malini.M, Matheshwaran.K, Sarankumar.S, Sureshkumar.A, Winmathi.M, Santhoshkumar.P, Arulselvan.G, Dharshini.R, Kaviya.S, Monish.S, Muthamil Pandiyan.P, Purushothaman.S, Shankar.M, Sri Dharshini.M, Sugashini.K, Ganesan.P, Kalaichelvi.G, Karthikeyan.M and Sivaramakrishnan.V of Electrical and Electronics Engineering department attended internship at MSME-Technology Development Centre (PPDC), Foundry Nagar, Agra from 29<sup>th</sup> August to 03<sup>rd</sup> October 2022.

## Industrial Visit

- HMT Machine Tools Limited, Kalamassery, Kerala.
- Kannan Devan Hills Plantation Company, Munnar, Kerala.
- Keltron Controls, Aroor, Kerala.
- Mettur Thermal Power Plant, Salem.



- NLC Tamilnadu Thermal Power Plant, Tuticorin.
- Electromotive Power Drives Pvt, Ltd., Chettipalayam, Coimbatore.



- Swelect Energy Systems Limited, Kolakudi Village.

### Consultancy :

The consultancy work on "Smart Wearable Alert Device for Tag or Card Protection" has been carried with the guidance of Adjunct Faculty Mr.A.Athif Shah.,M.E., (Embedded Systems & Technology), Founder & CEO, ABE Semiconductor Designs, Chennai.



"Discussion carried out during the execution of the consultancy work"



"Adjunct faculty handling class on Internet of Things"

### Placement Details :

S.No	Name of the Company	Number of Students Placed
1.	Cognizant	8
2.	Renault Nissan Technology & Business Centre India Pvt Ltd	2
3.	Tata Consultancy Services	1
4.	Aspire Systems	3
5.	TVS Sundram Fasteners Limited	5
6.	Mallow Technologies Private Limited	1
7.	Centizen	1
8.	Aquasub Engineering	5
9.	Texmo Industries-Taro Pumps	9

### LIST OF TOPPERS IN END SEMESTER EXAMINATION APR / MAY 2022

#### VI SEMESTER

##### RANK 1



G.ARULSELVAN  
[9.429 CGPA]

##### RANK 2



K.SUGANESHWARI  
[9.286 CGPA]

##### RANK 3



P.JEEVARATHINAM  
[9.048 CGPA]

#### IV SEMESTER

##### RANK 1



A. SWETHA  
[9.261 CGPA]

##### RANK 2



A.SANFARRENOSHA  
[9.174 CGPA]

##### RANK 3



D.PRASANTH  
[9.043 CGPA]

## II SEMESTER

### RANK 1



**SOWMIYA M**  
[9.864 CGPA]

### RANK 2



**KEERTHANA SHIVANI C**  
[9.136 CGPA]

### RANK 3



**AKASH S**  
[8.955 CGPA]

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

**PEO I : Knowledge :** Graduates will apply the knowledge of electrical drives and controls, embedded systems and power system engineering to solve the real world problems using modern engineering tools.

**PEO II : Skills :** Graduates will be able to design, analyze and interpret data for various investigations to meet the needs of the society and industry.

**PEO III : Attitude/Behavior :** Graduates shall develop ethical values and interpersonal skills to work as a part of teams on multidisciplinary projects.

## PROGRAM SPECIFIC OUTCOMES (PSOs)

**PSO 1 : Professional skills :** Students shall have abilities to take challenges associated with electrical power and renewable energy generation, transmission, distribution and utilization.

**PSO 2 : Competency :** Students shall qualify at the State, National and International level competitive examination for employment, higher studies and research.

## PROGRAM OUTCOMES (POs)

After completion of the course the graduates will have ability to:

**PO 1 : Engineering Knowledge :** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO 2 : Problem Analysis :** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO 3 : Design/Development of Solutions :** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO 4 : Conduct Investigations of Complex Problems :** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO 5 : Modern Tool Usage :** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

**PO 6 : The Engineer and Society :** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO 7 : Environment and Sustainability :** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO 8 : Ethics :** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO 9 : Individual and Team Work :** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO 10 : Communication :** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO 11 : Project Management and Finance :** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO 12 : Life-Long Learning :** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## 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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**C.Keerthana Shivani,** (II/EEE)



**Kongunadu**

College of Engineering & Technology  
[Autonomous]

Namakkal - Trichy Main Road, Thottiam, Trichy (Dt) 621 215, Tamilnadu.

Mob : 80125 05000, 80125 05011, 80125 05051

E-mail : admissions@kongunadu.ac.in / hodeeee@kongunadu.ac.in

[www.kongunadu.ac.in](http://www.kongunadu.ac.in)