



K.L.N. COLLEGE OF ENGINEERING POTTAPALAYAM -630612

(An Autonomous Institution, Approved by AICTE, New Delhi
& Affiliated to University, Chennai)

YEAR 2025

PETAL – 1 JANUARY TO JUNE



VISION

To become a Centre of Excellence in Technical Education and Research in producing Competent and Ethical professionals to the society

MISSION

To impart Value and Need based curriculum to the students with enriched skill development in the field of Engineering, Technology, Management and Entrepreneurship and to nurture their character with social concern and to pursue their career in the areas of Research and Industry

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COMPILED BY

Dr.A.UMARANI, PROFESSOR/GE

**Dr.R.M. Satheesh Kumar Served as Resource person in the one program on
“ Implementation of Lean Manufacturing”
On 28.06.2025, organized by Madurai Productivity Council, Madurai**



**Dr.R.M. Satheesh Kumar, Professor Served as 5S training at Sivakasi Lions Matriculation Higher
secondary school.31, May 2025**

11th National Conclave on 5S

11th National Conclave on 5S was organized by Quality Circle Forum of India in association with Quality Circle Forum of India, Madurai Chapter and K.L.N. College of Engineering on 14th June 2025 @ K.L.N. College of Engineering, Madurai.

125 teams, 500 participants from 70 industries across India participated in the conclave and presented the case studies in the forenoon session. Awards for the presenters were distributed during the valedictory and award ceremony function held in the evening.



Case Study Competition for the Industries

Madurai Productivity Council and K.L.N. College of Engineering Jointly organize Case study Competition for the employees of the industries on the theme “Productivity initiatives and their impacts in organization” on 14th February 2025. 36 teams and 100 participants from various industries like Sri Jayajothi and Company private Ltd, Rajapalayam, Tractors and Farm Equipments Ltd, Sundram Fasteners Ltd, Albonair (India) Private Ltd, Chennai, J.K. Fenner (India) Ltd, Madurai and Nilakottai, Ramco Cements Ltd, Virudhunagar, GHCL Textiles Ltd, Madurai, TVS Air springs participated in the competition and presented their case studies..



DEPARTMENT OF MECHANICAL ENGINEERING

Publications in International/National Journal

1. **K. Srithar, P. Udhayakumar, M. C. Sundhar, P. Guru Baskar, R. Hemakumar, R. Saravanan**, “Photovoltaic Panel with Bottom Mounted Air Cooling System”, *Cleaner Engineering and Technology*, Vol. 24, Article 100870, 2025
2. **D. Satheesh Pandian**, “Quantitative Sequential Modeling Approach to Estimate the Reliability of Computer Controlled Pneumatically Operated Pick and Place Robo”, *Strojniski Vestnik – Journal of Mechanical Engineering*, Vol. 71, No. 1–2, 2025.
3. **D. Satheesh Pandian**, “Optimized Deep Learning Approach for Automated Fault Diagnosis in Mobile Robot Used for Fire-Fighting Application”, *Evolving Systems*, 2025

Publications in International/National Conference

1. **Dr. A. Hemalatha, Dr. C. Anbumeenakshi, Ms. R. Priyadarini, Ms. M. Monisha and Ms. M. Rishiga** presented a paper titled “Solar Seed Dispenser” at the *International Conference on Recent Advances and Trends in Science, Technology, Engineering and Management (RATSTEM 2025)* organized by Loyola Institute of Technology, Chennai in April 2025.
2. **Dr. P. Udhayakumar** presented a paper titled “Evolving Semiconductor Fabrication in India: Technological Growth and Safety Imperatives” at The Institution of Engineers (India), Madurai Local Centre, organized by The Institution of Engineers, Madurai, in May 2025.
3. **Dr. P. Udhayakumar** presented a paper titled “Pneumatic Sheet Cutter Machine Using IoT” at the *International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing (ICISIAM)* organized by K. Ramakrishnan College of Technology, Samayapuram, Tiruchirappalli, in April 2025.
4. **Dr. A. Hemalatha, Dr. C. Anbumeenakshi, Mr. S. Richard Britto Roy, Mr. D. Sanjai and Mr. M. Harivignesh** presented a paper titled “Design and Analysis of HVAC System in Metro Trains” at the *International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing*

(ICISIAM) organized by K. Ramakrishnan College of Technology, Samayapuram, Tiruchirappalli, in April 2025.

5. **Dr. C. Anbumeenakshi, Mr. N. Rajkumar, Mr. S. K. Jai Sarvesh, Mr. S. Karthick Vel and Mr. M. Veeramani** presented a paper titled “Design and Fabrication of Pneumatic Plate Making Machine with Development of Eco-Friendly Plates” **at the International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing (ICISIAM) organized by K. Ramakrishnan College of Technology, Samayapuram, Tiruchirappalli, in April 2025.**
6. **Mr. T. L. Vijaya Kumar, Mrs. B. Devi, Mr. S. Sundarewaran, Mr. G. V. Kamalesh and Mr. K. S. Srivaran** presented a paper titled “Improve the Wear Resistance of the Type by Using Different Ceramics” **at the International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing (ICISIAM) organized by K. Ramakrishnan College of Technology, Samayapuram, Tiruchirappalli, in April 2025.**
7. **Mr. M. Mohan Raj, Dr. D. Muthu Krishnan, Mr. P. Manikandan, Mr. K. Gokul Kannan and Mr. M. Shanmugaraj** presented a paper titled “Machine Accident Prevention and Monitoring System” **at the International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing (ICISIAM) organized by K. Ramakrishnan College of Technology, Samayapuram, Tiruchirappalli, in April 2025.**
8. **Mr. T. Samynathan, Mr. P. Basil Kanth, Mr. B. P. Prasanna and Mr. S. Prasanth** presented a paper titled “Automated Disc Based Oil Skimmer for Efficient Oil Separation” **at the International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing (ICISIAM) organized by K. Ramakrishnan College of Technology, Samayapuram, Tiruchirappalli, in April 2025.**

Patents Filed / Published / Granted

S. No	Name of the Inventor(s)	Title of the Patent	Patent Number	Status (Filed / Published)	Granted	Year
1	B Padmapriya K.Saranya Dr. K. Sridar Prabhu R D.Diana Julie T. Sanmathi V.Vijey Nathan T.L.Vijayakumar B.Devi T Prabu Dr. S.Mohan	Measuring player tendency with artificial intelligence approach through gesture recognition	202541024146A	Published	-	2025
2	Dr J Anita Smiles T.L.Vijayakumar B.Devi Dr V Suresh Babu Mrs R Saranya A Arulkumar S Arunkumar Dr Mohan S	Design of e vehicles integrated with wireless technology with sensor using Artificial Intelligence	202541030723	Published	-	2025

Shorttermcourses /seminar/symposiumorganizedbytheDepartment:

Date	Title	Detailsof ResourcePerson	No.ofParticipa nts
27.01.25 to 31.01.25	Placement Training Programme	Mr. K. Manoj kumar, Aptitude Trainer, M/s. Connect, Tirunelveli	II Year – 36 III Year - 22

			
24.01.25	Placement Awareness Programme on Job Opportunities at NS Instrument	Mr. A. Magesh, HR Manager, NS Instruments India Pvt Ltd, Sricity, Sathyavedu Mandal, Tirupati Dt, Andhra Pradesh 	21
23.01.25	Refrigeration Industries, its applications and Job Opportunity	Mr. N. Balachandran, Properitor and Cold Storage Consultant, Sree Engineering, Madurai 	39

Staff Achievements/Recognition/Honours

Name and Designation of the Staff Member	Achievements of Staff/Recognition/ Honors	Date/Place
Dr. C. Anbumeenakshi	Received Best Paper Award in the International Conference on Innovations in Sustainable Infrastructure and Advanced Manufacturing held at K. Ramakrishna College of Technology, Tiruchirappalli	25.04.25
Dr. A. Hemalatha	Received Certificate of Appreciation – NPTEL DISCIPLINE STAR	JAN-APR 25

Guest Lectures / Expert Talks Organized

S. No	Name of the Speaker	Topic	Organization	Institution	Date
1	Vijaya Kumar T L	Inverter Air Conditioner with Live Demonstration	Er.K.A.Kaja Mohaideen,,Gulf Technical Institute, 16 Gomathipuram 9th street, Madurai,	Gulf Technical Institute	23-04-2025

					
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Industrial Visits

Year/Sem	Date	Industry Visited
2025	09.05.25	M/s. V.V.V & Sons Edible Oils Ltd., Virudhunagar 

DEPARTMENTS OF ELECTRICAL AND ELECTRONIC ENGINEERING

Publications in International/National Journal

1. **Dr. S. M. Kannan**, "Dynamic EV-charging V2V power sharing", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 01, Issue 2, Feb 2025.
2. **Dr. S. M. Kannan**, "Smart and advanced enabling technology-based EV charging system", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 2, Feb 2025.
3. **Dr. S. M. Kannan, Dr. S. Venkatesan**, "Dynamic on-demand energy sharing for EVs", International Journal of Engineering Research and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
4. **Dr. S. M. Kannan**, "Smart automated EV charging with prepaid access system", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
5. **Dr. S. Venkatesan, A. Marimuthu**, "Closed loop control strategies for cascaded buck-boost converter in Matlab", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
6. **Dr. S. Venkatesan**, "Multi-purpose liquid filling machine using ATMEGA328p", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 10, Issue 3, Feb 2025.
7. **Dr. S. Venkatesan**, "Automatic liquid packaging machine using ATMEGA328p", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 04, Apr 2025.
8. **Dr. S. Venkatesan, A. Marimuthu**, "Design and analysis of a PV-based cascaded buck-boost converter", International Journal of Engineering Research & Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
9. **Dr. K. Gnanambal**, "Cloud-integrated electric vehicle speed control with battery parameters monitoring", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
10. **Dr. K. Gnanambal**, "Optimal power correction method considering power quality", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.

11. **Dr. K. Gnanambal**, "Cloud integrated speed control and battery health monitoring in electric vehicle", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
12. **Dr. K. Gnanambal**, "Power factor improvement and THD reduction with automatic capacitor bank control", International Journal of Engineering Research & Technology (IRJET) (ISSN: 2395-0072), Vol. 10, Issue 3, Mar 2025.
13. **Dr. S. Parthasarathy, R. Thangasankaran**, "Eligibility Checker App for Education Guidance System with Integrated Exam and College Navigator", International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278-0181), Vol. 14, Issue 2, Feb 2025.
14. **Dr. S. Parthasarathy, R. Thangasankaran**, "Design and analysis of an interleaved Totem-pole PFC converter for high efficiency EV charging applications", International Journal of Scientific Research in Science, Engineering and Technology (Print ISSN: 2395-1990, Online ISSN: 2394-4099), Vol. 12, Issue 1, Jan–Feb 2025.
15. **Dr. S. Parthasarathy**, "Real time monitoring and visualization of motor parameter for its health management system", International Research Journal of Engineering and Technology (IRJET) (e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 12, Issue 02, Feb 2025.
16. **Dr. S. Parthasarathy, R. Thangasankaran**, "Bridging Food Surplus to Smiles through Smart Donation and Sustainable Recycling", International Journal for Research in Applied Science & Engineering Technology (IJRASET) (ISSN: 2321-9653), Vol. 13, Issue II, Feb 2025.
17. **Dr. S. Parthasarathy, Dr. S. M. Kannan, R. Thangasankaran**, "Smart Home Using ESP32 and ESP RainMaker", International Journal for Research in Applied Science & Engineering Technology (IJRASET) (ISSN: 2321-9653), Vol. 13, Issue II, Feb 2025.
18. **Dr. S. Parthasarathy, R. Thangasankaran**, "Design of a high efficiency AC-DC converter with interleaved Zeta topology for electric vehicle off-board chargers", International Journal for Research in Applied Science & Engineering Technology (IJRASET) (ISSN: 2321-9653), Vol. 13, Issue III, Mar 2025.
19. **Dr. S. Parthasarathy, R. Thangasankaran**, "A high efficiency multi-level inverter with phase-locked loop techniques", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
20. **Dr. S. Parthasarathy, R. Thangasankaran**, "Dual air-conditioner optimization: intelligent power management via microcontroller", International Journal of Scientific Research in Science, Engineering and Technology (Print ISSN: 2395-1990, Online ISSN: 2394-4099), Vol. 12, Issue 1, Jan–Feb 2025.
21. **Dr. S. Parthasarathy, R. Thangasankaran**, "Neo Sign Vision – Live Sign Language Detection", International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278-0181), Vol. 14, Issue 2, Feb 2025.
22. **Dr. S. Parthasarathy, R. Thangasankaran**, "Design and analysis of AC to DC SEPIC converter for low power applications", International Journal for Research in Applied Science & Engineering Technology (IJRASET) (ISSN: 2321-9653), Vol. 13, Issue III, Mar 2025.
23. **Dr. S. Venkatanarayanan**, "Energy auditing in MSME industries", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
24. **Dr. S. Venkatanarayanan**, "Energy auditing in MSME clusters", International Research Journal of Engineering and Technology (ISSN: 2395-0072), Vol. 13, Issue II, Feb 2025.
25. **Marimuthu A, Dr. S. Venkatesan**, "Design and analysis of interleaved boost converter using EV battery charging applications", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
26. **Marimuthu**, "Minimizing the switching losses with ZVS techniques", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
27. **Marimuthu A**, "Design and analysis of interleaved boost converter for EV battery charging application", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
28. **Marimuthu A**, "Enhancing three level DC-DC converter performance using ZVS & ZCS techniques", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
29. **Dr. P. Loganthurai**, "A case study to improve the effectiveness of solar panel output for different climatic condition", International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
30. **Dr. M. Jegadeesan**, "Design and development of a low-cost electric cycle for sustainable urban mobility", International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.

31. **Dr. M. Jegadeesan**, “Design and development of an affordable eco-friendly E-bicycle for urban mobility”, International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 10, Issue 3, Mar 2025.
32. **Dr. M. Jegadeesan**, “Optimized hybrid solar and transformer-powered MWJC for high-voltage DC-DC converter”, International Research Journal of Engineering and Technology (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
33. **Dr. M. Jegadeesan**, “Optimized hybrid solar and transformer-powered MWJC for high-voltage DC-DC converter”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
34. **Dr. M. Ganesh Kumari**, “Design and implementation of a hybrid electric bike with digital monitoring system”, International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 3, Mar 2025.
35. **Dr. M. Ganesh Kumari**, “IoT driven solar panel monitoring and fault detection system for enhanced operational efficiency”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) (ISSN: 2321-9653), Vol. 13, Issue 3, Mar 2025.
36. **Dr. M. Ganesh Kumari**, “Design of buck converter for hybrid electric bike”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 04, Apr 2025.
37. **Dr. M. Ganesh Kumari**, “Automated IoT driven solar panel monitoring and fault detection system”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
38. **Dr. M. Ganesh Kumari**, “Energy storage system for EV using bidirectional DC-DC converter”, Journal of Next Generation Technology (ISSN: 2583-021X), Vol. 5, Issue 4, June 2025.
39. **Dr. M. Ganesh Kumari**, “Estimation of state of discharge of battery for electric vehicle with varying load”, Journal of Next Generation Technology (ISSN: 2583-021X), Vol. 5, Issue 4, June 2025.
40. **M. Balamurugan**, “Voice-controlled isolator switching for high voltage electrical system using Arduino Uno”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
41. **M. Balamurugan**, “Voice-controlled isolator switching for high voltage electrical system with IoT-based hazard detection”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
42. **R. Jeyapandiprathap**, “LDR-based solar panel rotation system for optimized energy storage”, ESP Journal of Engineering & Technology Advancements (ISSN: 2583-921), Vol. 3, Issue 1, Jan–Mar 2025.
43. **R. Jeyapandiprathap, N. Vimal Radha Vignesh**, “IoT-based solar tracking system with LDR and cloud monitoring”, ESP Journal of Engineering & Technology Advancements (ISSN: 2583-921), Vol. 3, Issue 1, Jan–Mar 2025.
44. **N. Vimal Radha Vignesh**, “Integrated air quality management system with real-time insights and mobile features”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 03, Mar 2025.
45. **N. Vimal Radha Vignesh**, “Smart crop management system”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 04, Apr 2025.
46. **N. Vimal Radha Vignesh, R. Jeyapandiprathap**, “Smart farm protection system”, International Research Journal of Modernization in Engineering Technology and Science (ISSN: 2582-5208), Vol. 07, Issue 02, Feb 2025.
47. **N. Vimal Radha Vignesh**, “Smart air quality management system”, International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072), Vol. 12, Issue 02, Feb 2025.

Publications in International/National Conference

1. **Dr. S. M. Kannan, Joshua S., Kaushal R., Lakshmi Narayanan K.B., Dhaya Vishnu R.R.**, “Dynamic On-Demand Energy Sharing for EVs”, *Fourth International Conference on Circuits, Signals, Systems and Securities – ICCSS2025*, Organized by Banari Amman Institute of Technology, Sathyamangalam, March 2025.
2. **Dr. S. M. Kannan, Sivalingam R., Somasundharam M., Vel Murugan K., Vishnu Kumar R.D.**, “Smart Automated EV Charging with Prepaid Access System”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
3. **Dr. S. Venkatesan, R. Dinesh Karthick, C. J. Balakumaran, B. Karthick Raja**, “Automatic Liquid Packaging Machine using ATMEGA328P”, *National Conference on Recent Trends in Electrical, Communication and Computer Engineering (NCRTECCE-2025)*, Organized by Christian College of Engineering and Technology, Oddanchatram, April 2025.

4. **Dr. K. Gnanambal, Devadharshini B., R. S. Harini, P. K. Gopikaa, K. Harini**, “Cloud Integrated Electric Vehicle Speed Control and Battery Parameters Monitoring”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
5. **Dr. K. Gnanambal, Nivetha R., Sayeedayanidhi J. S., Sowmiya P. S., Swarna Sri S. S.**, “Power Factor Improvement and THD Reduction with Automatic Capacitor Bank Control”, *TNSCST Sponsored Two Day International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025)*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
6. **Dr. S. Parthasarathy, Santhosh S., Saravanakumar T. J. A., Vishnu Kumar E. H.**, “High Efficiency Multi-Level Inverter with Phase-Locked Loop Techniques”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, April 2025.
7. **Dr. S. Venkatanarayanan, Nagarjun A. N., Prabhakarraj M., Vinothkumar S., Ram Kailash S.**, “Energy Auditing in MSME Clusters”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
8. **Marimuthu, Dr. S. Venkatesan, Arivumathi P., Madhu Mitha M., Mahima Vishali R.**, “Design and Analysis of a PV-Based Cascaded Buck-Boost Converter”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
9. **Marimuthu, Dinesh B., Logeshkumar S., Lokeshan B.**, “Design and Analysis of Interleaved Boost Converter for EV Battery Charging Application”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
10. **Marimuthu, Dr. S. Venkatesan, Rithanya P., Saarika K., Sharmitha M.**, “Enhancing Three Level DC-DC Converter Performance using ZVS & ZCS Techniques”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
11. **Dr. P. Loganthurai, Siva Prakash B., Sriramkrishna S., Sabari Sruthik M., Kumar N.**, “A Case Study to Improve the Effectiveness of Solar Panel Output for Different Climatic Condition”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
12. **Dr. M. Jegadeesan, Dinesh C. S., Guruz Stephen Alex A., Kanimurugan S.**, “Design and Development of an Affordable Eco-Friendly E-Bicycle for Urban Mobility”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
13. **Dr. M. Jegadeesan, Muhundana A. R. V., Sindhiya S., Tharani S. K.**, “Optimized Hybrid Solar and Transformer-Powered MWJC for High Voltage DC-DC Converter”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
14. **Dr. M. Ganesh Kumari, M. K. Ajith Kumar, V. S. Dhanushkumar, K. K. Balakumar**, “Design of Buck Converter for Hybrid Electric Bike”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
15. **Dr. M. Ganesh Kumari, Dhaniyalakshmi M., Hemalatha S., Kavipriya S.**, “Automated IoT Driven Solar Panel Monitoring and Fault Detection System”, *ICATIBCC-2025*, Organized by Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
16. **M. Balamurugan, Naveen Kumar C. G., Sathya T., Thanajeyan C. A.**, “Voice-Controlled Isolator Switching for High Voltage Electrical System with IoT-Based Hazard Detection”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
17. **R. Jeyapandiprathap, S. Prasanna Kumar, S. Kalanithi, K. Saishiddharthu**, “IoT-Based Solar Tracking System with LDR and Cloud Monitoring”, *International Conference on Multidisciplinary Engineering and Technologies Innovation (ICMETI)*, Organized by ICMETI, March 2025.
18. **N. Vimal Radha Vignesh, Sanjay Ram K. S., Sivakumar R. C., Suriya Prakash V.**, “Integrated Air Quality Management System with Real-Time Insights and Mobile Features”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
19. **N. Vimal Radha Vignesh, Syed Ali S., Srihari R. P. S., Rajavel M.**, “Smart Farm Protection System”, *8th National Conference on Clean and Green Energy*, Organized by Karpagam Academy of Higher Education (Online), Coimbatore, March 2025.
20. **R. Thangasankaran, Dr. S. Parthasarathy, Hari Krishna R., Jai Philbert M., Dhanabalan A.**, “Design and Analysis of AC to DC SEPIC Converter for Low Power Applications”, *Fourth International Conference on Circuits, Signals, Systems and Securities – ICCSSS2025*, Organized by Banari Amman Institute of Technology, Sathyamangalam, March 2025.
21. **R. Thangasankaran, Dr. S. Parthasarathy, Karthick Raja K., Guru Bathrinath P., Jeeva S.**, “Design of a High Efficiency AC-DC Converter with Interleaved Zeta Topology for Electric Vehicle Off-Board

Chargers”, *Fourth International Conference on Circuits, Signals, Systems and Securities – ICCSSS2025*, Organized by Banari Amman Institute of Technology, Sathyamangalam, March 2025.

Patents Filed / Published / Granted

S. No	Name of the Inventor(s)	Title of the Patent	Patent Number	Status (Filed / Published)	Granted	Year
2	Dr.S.Parthasarathy R.Thangasakaran	CO2 removal system in Highways	458226-001		Granted	5/05/2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Dr. S. Venkatesan, Prof./EEE	AICTE ATAL FDP – IoT and Cyber Security in Power Systems	03.02.2025 to 08.02.2025 / K.L.N. College of Engineering, Sivagangai
Dr. S. Venkatesan, Prof./EEE	AICTE ATAL FDP – Emerging Trends in Optimal Design of Electric Vehicles and Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College for Engineering & Technology, Madurai
Dr. K. Gnanambal, Prof./EEE	Resource Person – Workshop “AI for Engineers: Neural Networks and Beyond”	26.04.2025 / Nadar Saraswathi College of Engineering & Technology, Theni
Dr. K. Gnanambal, Prof./EEE	Expert for Mock Auditing in NBA Tier-I	29.03.2025 / Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
Dr. K. Gnanambal, Prof./EEE	NBA Awareness Workshop – Outcome Based Education and Accreditation	09.02.2025 / Anna University, Chennai
Dr. S. Parthasarathy, Prof./EEE	Resource Person – Awareness of Industrial Safety at E.I.D. Parry	21.03.2025 / E.I.D. Parry, Sivagangai
Dr. S. Parthasarathy, Prof./EEE	Workshop – Clicks-to-Client Event	07.03.2025 to 09.03.2025 / Hotel Sahara Star, Mumbai
Dr. S. Parthasarathy, Prof./EEE	16th Edition ELECRAMA 2025	22.02.2025 to 26.02.2025 / Greater Noida Delhi NCR, India
Dr. S. Parthasarathy, Prof./EEE	CII-IIAREE Industrial Automation Robotics Expo (IETF-2025)	20.02.2025 & 21.02.2025 / Pragati Maidan, New Delhi
Dr. S. Parthasarathy, Prof./EEE	AICTE ATAL FDP – IoT and Cyber Security in Power Systems	03.02.2025 to 08.02.2025 / K.L.N. College of Engineering, Sivagangai
Dr. S. Parthasarathy, Prof./EEE	Resource Person – School Students Career Guidance	30.01.2025 / The TVS School, Madurai
Dr. S. Venkatanarayanan, Prof./EEE	Resource Person – PEACE Three Day Training Program	07.03.2025 to 19.03.2025 / District Industries Centre, Pudukkottai
Dr. S. Venkatanarayanan, Prof./EEE	Resource Person – PEACE Three Day Training Program	27.02.2025, 28.02.2025 & 01.03.2025 / District Industries Centre, Cuddalore
Dr. S. Venkatanarayanan, Prof./EEE	Resource Person – PEACE Awareness Program	27.02.2025 / District Industries Centre, Sivagangai
Dr. S. Venkatanarayanan, Prof./EEE	Resource Person – PEACE Awareness Program	26.02.2025 / District Industries Centre, Nagapattinam
A. Marimuthu, ASP/EEE	NPTEL–AICTE FDP – Smart Grid: Basics to Advanced Technologies	Jan–Apr 2025 (12 Week Course) / IIT Roorkee
A. Marimuthu, ASP/EEE	AICTE ATAL FDP – IoT and Cyber Security in Power Systems	03.02.2025 to 08.02.2025 / K.L.N. College of Engineering

A. Marimuthu, ASP/EEE	AICTE ATAL FDP – EV & Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College
Dr. P. Loganthurai, ASP/EEE	AICTE ATAL FDP – EV & Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College
Dr. P. Loganthurai, ASP/EEE	Delivered Lecture – Core Placement Opportunities and Learning Techniques	28.01.2025 / Velammal College of Engineering and Technology, Madurai
Dr. M. Jegadeesan, ASP/EEE	NPTEL–AICTE FDP – Smart Grid: Basics to Advanced Technologies	Jan–Apr 2025 (12 Week Course) / IIT Roorkee
Dr. M. Jegadeesan, ASP/EEE	AICTE ATAL FDP – EV & Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College
Dr. M. Ganesh Kumari, AP(Sr.Gr.)/EEE	NPTEL–AICTE FDP – Cloud Computing	Jan–Apr 2025 (12 Week Course) / IIT Kharagpur
Dr. M. Ganesh Kumari, AP(Sr.Gr.)/EEE	AICTE ATAL FDP – Green Revolution: EV & Hydrogen Technologies for Sustainable Mobility	03.02.2025 to 08.02.2025 / Kamaraj College of Engineering & Technology, Virudhunagar
Dr. M. Ganesh Kumari, AP(Sr.Gr.)/EEE	AICTE ATAL FDP – EV & Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College
M. Balamurugan, AP/EEE	FDP – AI and Machine Learning for Electrical Engineering	05.05.2025 to 09.05.2025 / Ramco Institute of Technology, Rajapalayam
M. Balamurugan, AP/EEE	NPTEL–AICTE FDP – Smart Grid: Basics to Advanced Technologies	Jan–Apr 2025 / IIT Roorkee
M. Balamurugan, AP/EEE	FDP – Methodologies of Renewable Energy Systems Research and Implementation Analysis	20.01.2025 to 24.01.2025 / J.P. College of Engineering, Tenkasi
R. Jeyapandiprathap, AP/EEE	FDP – Android Basics with Compose	02.06.2025 to 06.06.2025 / ICT Academy
R. Jeyapandiprathap, AP/EEE	AICTE ATAL FDP – IoT and Cyber Security in Power Systems	03.02.2025 to 08.02.2025 / K.L.N. College of Engineering
R. Jeyapandiprathap, AP/EEE	AICTE ATAL FDP – EV & Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College
N. Vimal Radha Vignesh, AP/EEE	AICTE ATAL FDP – Green Revolution: EV & Hydrogen Technologies for Sustainable Mobility	03.02.2025 to 08.02.2025 / Kamaraj College of Engineering & Technology
N. Vimal Radha Vignesh, AP/EEE	AICTE ATAL FDP – EV & Hydrogen Fuel Cell Vehicles for Sustainable Futures	27.01.2025 to 01.02.2025 / SRM Madurai College
R. Thangasankaran, AP/EEE	AICTE ATAL FDP – IoT and Cyber Security in Power Systems	03.02.2025 to 08.02.2025 / K.L.N. College of Engineering

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No. of Participants
07.05.2025	Awareness Program on Revolutionizing Design and Automation in Electrical Engineering	Ms. Anusuya Devi, Designer, Technical Trainer,CADD Centre, Madurai.	53
26.03.2025	Awareness Program on Conservation of Electrical Energy, Safety and Importance of earthings	Dr.P.Loganthurai, ASP/EEE K.L.N.College of Engineering, Sivagangai Dt.	100
03.02.2025 to 08.02.2025	ATAL Sponsored Online Faculty Development Programme on IoT and Cyber Security in Power Systems	Dr.B.Chittibabu Designation & Organization: Associate Professor, IIITM, Kancheepuram, India. Dr. A.V. Giridhar, NIT, Warangal, India. Dr.G.Y. RajaaVikhram, SRM Institute of Science and	143

		Technology, Chennai, India. Prathap N.P., Senior Electrical Engineer, NEL Electric Power Engineering Inc. USA. Mrs. Hemalatha Shanmugam Technical lead, Vantiva UK, Palaniappan Senthil Project manager Cognyte Bangkok, Thailand. Dr. P Kaliappan, Joint Director / HoD, CPRI, India. Vignesh M A, Assistant Engineer, Subload Dispatch Centre Madurai, India.	
27.01.2025 to 31.01.2025	Embedded Systems and Controller Applications	Mr.V. Selvaganesh, Director – Electrical R&D Mrs. Aparna Selvaganesh, Proprietor, Shubham Solutions, Madurai.	53 -
06.01.2025 to 10.01.2025	PCB Design and Arduino training	M.Gayathrilakshmi, S.Vishnu Dev, B.Jai Narayan Hi-Tech Academy, Madurai.	42
06.01.2025 to 10.01.2025	Aptitude Training Program	Sreehari. R, Senior Trainer - Aptitude & Skills, Connect Training Solutions, Tirunelveli.	42

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted By	Award (Elite/Silver/Pass)
M GANESH KUMARI	Cloud Computing	12 week	IIT Kharagpur	Successfully completed
M JEGADEESAN	Smart Grid: Basics to Advanced Technologies	12 week	IIT Kharagpur	Elite+gold
BALAMURUGAN M	Smart Grid: Basics to Advanced Technologies	12 week	IIT Kharagpur	Elite
MARIMUTHU A	Smart Grid: Basics to Advanced Technologies	12 week	IIT Kharagpur	Elite+gold

Student / Faculty Project Details (Mapped with SDG Goals)

S. No	Title of the Project	Name of Student(s) / Faculty	Guide / Supervisor	Brief Description	Mapped with SDG Goal	Year
1	Interleaved Boost Converter using three port for EV battery charging application.	Dhivyadharshini. M, Priyadharshini. M , Sowmiya. T.H.A III/EEE	Dr.K.Gnanambal, Prof./EEE	Improves EV charging efficiency. Supports transition to electric mobility. Reduces greenhouse gas emissions. Enhances power conversion performance in renewable	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 13 – Climate Action	2025

				systems..		
2	THUNDER DRIVE: Smart and robust retrofitted Indigenous E-cycle with live tracking.	S.Yoga Deva, K.H.Sabarinath, K.J.Hariharan. III/EEE	Dr.S.Parthasarathy	Promotes affordable green transportation. Reduces fuel dependency and air pollution. Encourages sustainable urban mobility. Enhances safety through real-time tracking.	SDG 7 – Affordable and Clean Energy SDG 11 – Sustainable Cities and Communities SDG 13 – Climate Action	2025
3	Adaptive battery Switching in EV's using IoT based State of discharge estimation.	D.Ponmozhi, K.Niharika, P.Madhumitha. III/EEE	Dr.M.Ganeshkumari(Ap.Sr.Gr)/EEE	Extends battery lifespan through smart management. Reduces electronic waste. Improves EV reliability and performance Supports efficient energy utilization.	SDG 7 Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production	
4	Standalone & Smart Fault and monitoring system for industries.	Harish Kumar.K, Israel.D, Rajeswaran.B III/EEE	Mr.R.Jeyapandi Prathap,AP/EEE	Prevents industrial accidents through early fault detection. Minimizes downtime and economic losses. Enhances worker safety. Promotes smart industrial automation.	SDG 8– Decent Work and Economic Growth SDG 9 – Industry, Innovation and Infrastructure	
5	Sustainable Fuel management system for two-wheelers: Ensuring accuracy and preventing Theft.	K.B.Ajaynarayan , S.S.Jothikumar, J.R.Krishnavarman III/EEE	Mr.R.Thangasankaran AP/EEE	Reduces fuel wastage and leakage. Prevents fuel theft and improves accountability. Encourages efficient fuel consumption. Contributes to lower emissions through optimized usage.	SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action	

NPTEL Online Certification Courses (Students)

S.No.	Name of the Student	Year	NPTEL Course Name	Duration	Award (Elite/Silver/Pass)
1	INDHUJA ES	II	Introduction to Internet of Things	12Week	Elite
2	Naganathan J S	I	Introduction to Internet of Things	12Week	Elite+Silver
3	SIKKANDAR BATCHA J	II	Introduction to Internet of Things	12Week	Elite
4	AZHAGU SOUNDHARIYA R	II	Introduction to Internet of Things	12Week	Elite
5	VISHNUPRIYA K K	II	The Joy of Computing using Python	12Week	Successfully completed

Industrial Visits

Year/Sem	Date	Industry Visited
III/VI	27.03.2025	Periyar Power House Lower Camp, Theni (Dst).
II/IV	27.03.2025	Periyar Power House Lower Camp, Theni (Dst).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Publications in International/National Conference

1. Dr.T.R.Muthu, "Farmtemp guard", International Conference on Current Trends in Modernized Computing and Communication Technologies-2025, SIMATS Engineering, Chennai, Online, 26th & 27th March & 2025.
2. Mr.S.Ravisankar, "Marine AI", International Conference on Current Trends in Modernized Computing and Communication Technologies-2025, SIMATS Engineering, Chennai, Online, 26th & 27th March & 2025.
3. Mrs.T.Sugumari, "Sustainable Agriculture with Smart Automation and Plant Health Monitoring", International Conference on Current Trends in Modernized Computing and Communication Technologies-2025, SIMATS Engineering, Chennai, Online, 26th & 27th March & 2025.
4. Mr.B.Balan, "RFID Based Speed Control System for Smart Vehicle", International Conference on Current Trends in Modernized Computing and Communication Technologies-2025, SIMATS Engineering, Chennai, Online, 26th & 27th March & 2025.
5. Dr.P.S.Kumares, "Holistic smart tourism in and around madurai", Innovations in Engineering Computing and Smart Technologies-ICIECST-2025, Sree Sakthi Engineering College, Coimbatore, Online, 29th March & 2025.
6. Mrs.M.Amudha, "DocEase-Medical Chatbot", Innovations in Engineering Computing and Smart Technologies-ICIECST-2025, Sree Sakthi Engineering College, Coimbatore, Online, 29th March & 2025.
7. Mrs.M.Amudha, "Detection and Classification of Brain Tumour Using Machine Learning Techniques", Innovations in Engineering Computing and Smart Technologies-ICIECST-2025, Sree Sakthi Engineering College, Coimbatore, Online, 29th March & 2025.
8. Mrs.R.Pavithra, "A Novel Approach For PCOD Detection Using Cuttingedge Machine Learning Algorithm", Innovations in Engineering Computing and Smart Technologies-ICIECST-2025, Sree Sakthi Engineering College, Coimbatore, Online, 29th March & 2025.
9. Mrs.T.Sugumari, "Design and implementation of a lunar patch antenna for multi-band frequency applications", Innovations in Engineering Computing and Smart Technologies-ICIECST-2025, Sree Sakthi Engineering College, Coimbatore, Online, 29th March & 2025.
10. Mrs.R.Angayarkanni, "DocEase-Medical Chatbot", Innovations in Engineering Computing and Smart

- Technologies-ICIECST-2025,Sree Sakthi Engineering College, Coimbatore,Online,29th March & 2025.
11. Mrs.R.Angayarkanni,“Detection and Classification of Brain Tumour Using Machine Learning Techniques”,Innovations in Engineering Computing and Smart Technologies-ICIECST-2025,Sree Sakthi Engineering College, Coimbatore,Online,29th March & 2025.
 12. Mr.S.R.Naresh , “Mr.S.R.Naresh ”,Emerging Trends in Information & Communication Technologies-2K25,Sethu Institute of Technology,Offline,4th April & 2025.
 13. Dr.P.Karpagavalli, “Birds detection in agricultural field using yolov9 and deepsort” ,Women Researchers in Electronics and Computing 2025,Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India,Online,18th-19th April & 2025.
 14. Mrs.R.Thilagavathy, “Diabetes detection from retinal image using deep learning ”, International conference on adaptive technologies in engineering and sciences (ICOATES -2025),K R pete krishna government engineering college Bengaluru,Online,24th & 25th April & 2025.
 15. Dr.V.Kejalakshmi, “Human Detection in Landslide Areas”,International Conference on Recent Advances and Innovations in Science Engg Tech & Management 2025,Solaimalai College of Engineering,Offline,25-Apr & 2025.
 16. Dr.V.Kejalakshmi, “Generating Electricity from waste ”,International Conference on Recent Advances and Innovations in Science Engg Tech & Management 2025,Solaimalai College of Engineering,Offline,25-Apr & 2025.
 17. Mrs.R.Pavithra, “Modelling of Low Dropout Voltage Regulator using SV-RNM”,International Conference on Recent Advances and Innovations in Science Engg Tech & Management 2025,Solaimalai College of Engineering,Offline,25-Apr & 2025.
 18. Mrs.R.Angayarkanni, “Mobile Application for Chronic Disease Management”,International Conference on Recent Advances and Innovations in Science Engg Tech & Management 2025,Solaimalai College of Engineering,Offline,25-Apr & 2025.
 19. Dr.R.Jeyanthi, “Sewage Block Detection and Removal”,International Conference on Recent Innovations in Engineering Sciences & Technology (ICRIET-2025) ,K.S.Institute of Technology,Bengaluru,Online,9th - 10th May & 2025.
 20. Dr.V.Kejalakshmi Optimized LDPC Decoding Using Gradient Descent ,International Conference on Recent Innovations in Engineering Sciences & Technology (ICRIET2025),K.S.Institute of Technology,Bengaluru ,Online, 9th - 10th May2025
 21. Dr.S.C.Sivaprakash, Multiagent Embedded Architecture for IoT-Based Intelligent Vehicle Network,ICON:EHIAS'25, SRM Madurai College for Engineering & Technology, offline, 16th -17th May2025.
 22. Mr.S.R.Naresh ,ICON:EHIAS'25, Real-Time Bus Tracking & Arrival Prediction System with Web Interface, SRM Madurai College for Engineering & Technology, offline, 16th -17th May2025.
 23. Dr.T.R.Muthu, Farmtemp guard, International Conference on Current Trends in Modernized Computing and Communication Technologies-2025, K.S.Institute of Technology, Bengaluru Online, 9th - 10th May2025.
 24. Ms.L.Meenakshi , A Comparative study on Fire fighting Vehicle Performance for Metropolitan & Industrial Fire Management,ICON:EHIAS'25 ,SRM Madurai College for Engineering & Technology,offline, 16th -17th May2025 .
 25. Mrs.R.Thilagavathy, Diabetes detection from retinal image using deep learning, International conference on adaptive technologies in engineering and sciences (ICOATES 2025), K R pete krishna government engineering college, Bengaluru , Online, 9th - 10th May2025.

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Dr. S.C. Sivaprakash	FDP	03.01.2025 – 12.01.2025 NIT,Warangal
Ms. L. Meenakshi	FDP	03.01.2025 – 12.01.2025 NIT,Warangal
Mrs. J. Thilagavathi	FDP	05.01.2025 – 11.01.2025 IILM University Gurugram

Mrs. A.V. Veera Sivagami Pandi	FDP	06.01.2025 – 11.01.2025 IILM University Gurugram
Mrs. R. Angayarkanni	Workshop	10.02.2025 & 16.02.2025 K.L.N. College of Engineering
Mrs. R. Angayarkanni	FDP	17.02.2025 – 21.02.2025 Brainovision Solutions India Pvt.Ltd
Mrs. R. Angayarkanni	FDP	Feb – Apr 2025 K.L.N. College of Engineering
Ms. L. Meenakshi	FDP	01.04.2025 – 05.04.2025 Velammal College of Engineering and Technology
Mr. S. Ravisankar	FDP	23.06.25 – 27.06.25 Velammal College of Engineering and Technology

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants
6.1.25 to 10.1.25	3D Printing Technology, Mastering C Programming	Mr.Vishal Sivakumar Chief executing Officer of 3d ctafts	113
21.01.2025	Mini Project Contest-2k25	Mr.M.S.Manikandan,M.Tech Proprietor Home Cinemas Pvt.Ltd Madurai.	117
19.02.25	ACIC – MIF Activity for Sustainability and Entrepreneurship	Dr.S.SYED AMEER ABBAS, Ph.D.,Chief Executive Officer, ACIC – MEPCO Innovative Foundation, Sivakasi	30
26.2.25, 27.02.25	Mastering Communication and Interview Skills	Dr.V.Muthuganesh, AP-Senior Scale, Presidency University, Bangalore	70
06.03.25	Recent Trends in VLSI Design	Dr.D.Vaithyanathan ASP/ECE, NIT, Delhi	89
11.3.25	Student as corporate ready profession	Mr.R.Arunkumar S/M & Operational Head in SKAIT Education Pvt.Ltd, Coimbatore.	103

Staff Achievements/Recognition / Honours

Name and Designation of the Staff Member	Achievements of Staff/Recognition/ Honors	Date/Place
Dr. V. Kejalakshmi, HOD / ECE	NPTTEL SPOC Award	2025
Dr. V. Kejalakshmi, HOD / ECE	World Scientist & University in India Rankings-AD Scientific Index	2025
DR.N.Janakiraman, Prof./ECE	World Scientist & University in India Rankings-AD Scientific Index	2025
Dr.P,Karpagavali ASP/ECE	World Scientist & University in India Rankings-AD Scientific Index	2025

Guest Lectures / Expert Talks Organized

S. No	Name of the Speaker	Topic	Organization	Institution	Date
1.	Dr.D.Vaithiyanathan ASP/ECE	Recent Trends in VLSI Design	NIT, Delhi	K.L.N. COLLEGE OF ENGINEERING	06.03.25
2.	Mr.R.Arunkumar	Student as corporate ready profession	SKAIT Education Pvt.Ltd, Coimbatore.	K.L.N. COLLEGE OF ENGINEERING	11.3.25
3.	Mr.Karthikeyan	Hands on IoT a Practical workshop from sensor to solutions	Hands on IoT a Practical workshop from sensor to solutions	K.L.N. COLLEGE OF ENGINEERING	13.3.25-14.3.25
4.	Mr.S.K.Sanjay Raj, Director at RECCSAR	AWS Cloud Computing	RECCSAR, Madurai.	K.L.N. COLLEGE OF ENGINEERING	24.3.25
5.	Mr.Sankaran Kaliyappan	Practical View of Cloud Computing	CTO, Bangalore	K.L.N. COLLEGE OF ENGINEERING	21.04.2025

Extension Activities / Social Outreach

S. No	Activity	Department	Beneficiaries	Date
1	Serving to the people - Compassion 	ECE	Old Age Persons Angel Devaki Foundation, Old Age Home, Thiruvathavu , Madurai	03.02.25

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award(Elite/Silver/Pass)
Dr. P Karpagavalli	Cloud Computing	Jan–Apr 2025	NPTEL	Elite
Dr.P S Kumaresh	Introduction To Industry 4.0 And Industrial Internet of Things	Jan–Apr 2025	NPTEL	Elite

Mr. S Ravisankar	Introduction To Industry 4.0 And Industrial Internet of Things	Jan–Apr 2025	NPTEL	Elite
rs. R Angayarkanni	Foundation of Cloud IoT Edge ML	Jan–Apr 2025	NPTEL	Elite
Mrs.J Thilagavathi	Python for Data Science	Jan–Apr 2025	NPTEL	Successfully Completed

Industry Collaboration / MoU

S.No.	Organization Name	Purpose of MoU	Department	Year
1	ACIC-MEPCO innovative foundation,sivakasi	Innovation-academic partnership	Electronics and communication	2024-2025

NPTEL Online Certification Courses (Students)

S.No.	Name of the Student	Year	NPTEL Course Name	Duration	Award (Elite/Silver/Pass)
1	Roja M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
2	Sanjay R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
3	Devadharshana R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
4	Shyamalasri N	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
5	Sweta M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
6	Senthil Kumar R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
7	Santhiya Sri R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
8	Muthu Vishal R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
9	Rishikesh G P	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite

10	Naveena M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
11	Reethika J A	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
12	Naga Rithika R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
13	Siva Prasad C	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
14	Sentil Kumaran R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Successfully completed
15	Ida Persi R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
16	Dhanuja Sri A	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
17	Agshaya D	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
18	Jana Varthini D	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
19	Vishnu Babu K B	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
20	Gokula Kannan C	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
21	Janani Priya N	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
22	Harrini M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
23	Palani Kumar G	2025	Problem Solving Through Programming In C	Jan-Apr 2025	Successfully completed
24	Jeevitha M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
25	Elakiya B	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
26	Deekshna S	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver

27	Dharani Prabhu S	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
28	Hamsha Varthini J	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
29	Nithya Shree K	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
30	Prethykshaa P	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
31	Kiruthika P	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
32	Sangamithra V K	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
33	Nikitha Shri B J	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
34	Divahar B	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
35	Aravind Kannan M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
36	Arshmath Hassena N	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
37	Deepthi I	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
38	Aadeesh M R	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
39	Jeyabackiyam A	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
40	Nithish C	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
41	Jothi Varshiny B	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
42	Libikamai T G	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
43	Yogeswaran M S	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite

44	Vishnu Priya M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
45	asanth Kumar S M	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
46	Stephen Jeffery J	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite
47	Yogesh Kumar S	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Successfully completed
48	Haripriya C	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
49	Divyavahini S M G	2025	Introduction To Industry And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
50	Vishnu Kumar K G	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite
51	Thangapandi M	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite
52	Jadhaya Moorthy S	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
53	Nagarajan S J	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite
54	Raga Deepa M	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite
55	Ramya C R	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
56	Soundharya B	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite
57	Rai Vigneshwaran U	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite
58	Mahalakshmi S	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Elite + Silver
59	Suguna K	2025	Introduction To Industry 4.0 And Industrial Internet of Things	Jan-Apr 2025	Successfully completed
60	Sivash R S	2025	Introduction To Internet of Things	Jan-Apr 2025	Successfully completed
61	Muthu Vishal R	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver

62	Maxin J	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
63	Roja M	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
64	Rishikesh G P	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
65	Aakash S M	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
66	Visahan K	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
67	Athi Krishna G	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
68	Dheeraj Charan B	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
69	Deepthi I	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
70	Hariharasudhan M	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
71	Chargav Abinesh C	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
72	Akash B J	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + gold
73	Nithish C	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
74	Logeshwaran A	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
75	Arshath Bashil L	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
76	Siva M	2025	Introduction To Internet of Things	Jan-Apr 2025	Successfully completed
77	Venkatesh J M	2025	Embedded Systems Design	Jan-Apr 2025	Successfully completed
78	Vishnu Kumar K G	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
79	Sanjay R	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
80	Kavitha T S	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
81	Vignesh V	2025	Introduction To Internet of Things	Jan-Apr 2025	Successfully completed
82	Adara Mahalingam N	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
83	Arjun Vijay Rai G P	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
84	Udhaya Moorthy S	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite + Silver
85	Rai Vigneshwaran U	2025	Introduction To Internet of Things	Jan-Apr 2025	Elite
86	Ayyanar Anand G	2025	Cloud Computing	Jan-Apr 2025	Elite
87	Vishnupriya K K	2025	The Joy of Computing using Python	Jan-Apr 2025	Successfully completed

88	Nithishkumar P	2025	Data Analytics with Python	Jan-Apr 2025	Elite
89	Ragcha T R K	2025	Data Analytics with Python	Jan-Apr 2025	Elite
90	Muthu Vishal R	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
91	Karpaka Shree M	2025	Data Analytics with Python	Jan-Apr 2025	Elite
92	Devadharshana R	2025	Data Analytics with Python	Jan-Apr 2025	Elite
93	Sai Pragathi R	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
94	Kalaiselvan P	2025	Data Analytics with Python	Jan-Apr 2025	Elite
95	Vishnu Babu K B	2025	Data Analytics with Python	Jan-Apr 2025	Elite
96	Prasath M	2025	Data Analytics with Python	Jan-Apr 2025	Elite
97	Janani Priya N	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
98	Harrini M	2025	Data Analytics with Python	Jan-Apr 2025	Elite
99	Kavya K	2025	Data Analytics with Python	Jan-Apr 2025	Elite
100	Harish Kumar R C	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
101	Balamurugan S	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
102	Harini B	2025	Data Analytics with Python	Jan-Apr 2025	Elite
103	Nandhini R	2025	Data Analytics with Python	Jan-Apr 2025	Elite
104	Raveena R	2025	Data Analytics with Python	Jan-Apr 2025	Elite + Silver
105	Keerthivasan R	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
106	Sanjay R	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
107	Nandhini B	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
108	Janavarthini D	2025	Data Analytics with Python	Jan-Apr 2025	Elite
109	Naga Rithika R	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
110	Kiruthika P	2025	Data Analytics with Python	Jan-Apr 2025	Elite
111	Vogeshwaran G R	2025	Data Analytics with Python	Jan-Apr 2025	Elite
112	Jeevitha M	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
113	Hamsha Varthini J	2025	Data Analytics with Python	Jan-Apr 2025	Elite
114	Aadhavan S	2025	Data Analytics with Python	Jan-Apr 2025	Elite
115	Elakiya B	2025	Data Analytics with Python	Jan-Apr 2025	Elite
116	Dhanuja Sri A	2025	Data Analytics with Python	Jan-Apr 2025	Elite
117	Maharajan A	2025	Data Analytics with Python	Jan-Apr 2025	Successfully completed
118	Agshaya D	2025	Data Analytics with Python	Jan-Apr 2025	Elite
119	Gokula Kanna C	2025	Data Analytics with Python	Jan-Apr 2025	Elite

120	Bala Prasanna M J	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
121	Logeshwaran A	2025	ata Analytics with Python	Jan-Apr 2025	Elite
122	Ayyanar Anand G	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
123	Dinesh Kumar T S	2025	ata Analytics with Python	Jan-Apr 2025	Elite
124	Cowsalya M	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
125	Aadeessh M R	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
126	Abinesh M	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
127	ramma Kannan M	2025	ata Analytics with Python	Jan-Apr 2025	Elite
128	asmath Haseena N	2025	ata Analytics with Python	Jan-Apr 2025	Elite
129	Dharaniprabhu S	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
130	Venkatesh J M	2025	VLSI Physical Design	Jan-Apr 2025	Elite
131	Haripriya C	2025	ata Analytics with Python	Jan-Apr 2025	Elite
132	Divyavahini S M G	2025	ata Analytics with Python	Jan-Apr 2025	Elite
133	Yogeshwaran E	2025	ata Analytics with Python	Jan-Apr 2025	Elite
134	Arjun Vijay Rai G P	2025	ata Analytics with Python	Jan-Apr 2025	Elite
135	Sivaneer P S	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
136	Jeganathan S	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
137	Thangapandi M	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
138	Chiyaneesh Sundar C	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
139	Stephen Jeffrey J	2025	ata Analytics with Python	Jan-Apr 2025	Elite
140	Siva M	2025	VLSI Physical Design	Jan-Apr 2025	ccessfully completed
141	Anandh S J	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
142	Libikamai T G	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
143	Sivaneshwaran G	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
144	Lekha Sri S	2025	ata Analytics with Python	Jan-Apr 2025	Elite
145	Kavitha T S	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
146	Subhalekha G N	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
147	Siva Prasad C	2025	ata Analytics with Python	Jan-Apr 2025	Elite
148	Sivabavatharni B	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
149	Surya N	2025	ata Analytics with Python	Jan-Apr 2025	Elite
150	Adhaya Moorthy S	2025	ata Analytics with Python	Jan-Apr 2025	Elite
151	Vishnu Priya M	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed

152	Vishwa Priya S S	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
153	Vishnupriya M	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
154	Lavanya M	2025	ata Analytics with Python	Jan-Apr 2025	Elite
155	Ramya C R	2025	ata Analytics with Python	Jan-Apr 2025	Elite
156	Mahalakshmi S	2025	ata Analytics with Python	Jan-Apr 2025	Elite + Silver
157	ai Vigneshwaran U	2025	ata Analytics with Python	Jan-Apr 2025	ccessfully completed
158	Pradeep J	2025	ata Analytics with Python	Jan-Apr 2025	Elite

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1	Subhiksha A Swathi S	Handball	Annual Sports Meet	Winners	K.L.N. College of Engineering	March 2025
2	Swathi S	Badminton	Annual Sports Meet	Winner	K.L.N. College of Engineering	March 2025
3	Subhiksha R	Throwball	Annual Sports Meet	Winner	K.L.N. College of Engineering	March 2025
4	Shamily R	100 M	Annual sports Meet	2nd Place	KLN College of Engineering	March 2025
5	Maharajan A Reethika J A Jeyabackiam A Ragcha T R K Maxin J	DST SERB Sponsored	Seminar	Participated	Kamaraj College Of Engineering	Jan 2025
6	Nithish C Haripriya C	National Technical Seminar	Seminar	Participated	Kamaraj College Of Engineering	Jan 2025
7	Sai Pragathi R	Gyan Mitra 25	Symposium	Participated	Mepco Schlenk Engineering College	Feb 2025
8	Balamurugan S	Snap on Chip	Qualcomm Event	Participated	K.L.N. College of Engineering	Feb 2025
9	Arjun Vijay Rai G P	Neurotaste	Mini Project Contest	Participated	K.L.N. College of Engineering	Feb 2025
10	Pradeeshaa S Priyadharshini J	Event	KLNCESHA IIPC	III Prize	K.L.N. College of Engineering	Feb 2025
11	Nithish C Alagesan M Keethivasan R Divya vahini S M G Hari vignesh M Harshavarthini R Hariraj R	IETE Sponsored 2K25	Mini Project Contest	Participated	K.L.N. College of Engineering	Feb 2025

12	SaiVigneshwaran U	Aesthetica 2K25	Symposium	Participated	K.L.N. College of Engineering	Feb 2025
13	Reethika A J Athi krishna G Nandhini B Nandhini R Soundarya B Advaith srilhari M Aakash S M	IETE Sponsored	Mini Project Contest	I Prize	K.L.N. College of Engineering	Feb 2025
14	Harsha varthini P Vennila M Vishnu varthan T Subhiksha J Shanthisha M Nandhini V Pradeesha S Priyadharshini J Raksheedha A Athikesavan C	Technozare 2K25	Project Contest AI-TOM	Participated	K.L.N. College of Engineering	Mar 2025
15	Swathi R Subhiksha R	Cluster 2K25	Workshop	Participated	K.L.N. College of Engineering	Mar 2025
16	Pradeesha S Balamurugan S	Teletec'24	Workshop	Participated	Thiagarajar College of Engineering	Mar 2025
17	Jeyabackiam A	Teletec'25	Workshop	Participated	Thiagarajar College of Engineering	Mar 2025
18	Raveena R	Power Gale 25	Symposium	Participated	PSNA College of Engineering	Mar 2025
19	Raghul L	Techutsav Synergicz 2.0	Symposium	Participated	Thiagarajar College of Engineering	Mar 2025
20	Divyavagini S M	Cooking Contest	Women Empowerment Cell	III Prize	K.L.N. College of Engineering	Mar 2025
21	Prethykshaa P Deepthi I	Women Empowerment Cell	Mimicry	I Prize	K.L.N. College of Engineering	Mar 2025
22	Muthu Yokesh K	Project Expo	GDG	Participated	K.L.N. College of Engineering	Mar 2025
23	Nandhini V Bhargav Abinesh C	IEI Sponsored	Mini Project Contest	I Prize	K.L.N. College of Engineering	Mar 2025
24	Harsha Varthini P	IEI Sponsored	Mini Project Contest	III Prize	K.L.N. College of Engineering	Mar 2025
25	Mahalakshmi S	IPC	Workshop	Participated	K.L.N. College of Engineering	Mar 2025
26	Dakshatha S	—	Mini Project	II Prize	K.L.N. College of Engineering	Mar 2025
27	Prasath M	EHAS 25	Paper Presentation	Participated	SRM Madurai College	May 2025
28	Shamily R	AI & ML	Workshop	Participated	T-IITM-236	Apr 2025
29	Dinesh Kumar M	Best Performer	Skill Rack	Participated	K.L.N. College of Engineering	Apr 2025

30	Soundarya lakshmi N S	I-Tech Hackfest	Hackathon	Participated	Thiagarajar College of Engineering	Apr 2025
31	Soundarya lakshmi N S	Vision 25	Tech Symposium	Participated	IEEE Anna University Guindy	Apr 2025
32	Haripriya C Harrini M	Aurafusion 2K25	Paper Presentation	Participated	Vaigai College of Engineering	Apr 2025

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Publications in International/National Journal

1. Mrs.Yoheswari S Automated revisit structural brain tumor segmentation framework using machine learning ,Hybrid and Advanced Technologies, 21,January 2025
2. Mr.D.Pravin Kumar ,Cluster-Based Routing Protocol Design Using Gated Fusion Adaptive Graph Neural Network in Wireless Sensor Networks, IETE JOURNAL OF RESEARCH ,17 Feb 2025
3. Dr.R.Karthick ,FPGA implementation of hybrid Namib beetle and battle royale optimization algorithm fostered linear phase finite impulse response filter design ,Analog Integrated Circuits and Signal Processing ,24 March 2025
4. Mr.Pravin Kumar D, Kishore Kumar B P, Krithik U, Piyush Kumar D, Praveen Kumar S, Development of a Cloud-Based Platform for Real-Time Management of Healthcare Services, International Research Journal of Engineering and Technology (IRJET) , Volume: 12,03, March 2025
5. Mrs. K. Vanitha Mani, S. Ponsree, S.A. Nanthitha Sri, R.R. Riduvarshini ,Enhanced Underwater Fish Detection: A Deep Learning Approach using Faster R-CNN with MobileNet ,International Journal of Innovative Research in Science Engineering and Technology (IJIRSET),Volume 14, 3 March 2025
6. Mrs. K. Vanitha Mani, S. Ponsree, S.A. Nanthitha Sri, R.R. Riduvarshini ,Enhanced Underwater Fish Detection: A Deep Learning Approach using Faster R-CNN with MobileNet ,International Journal of Innovative Research in Science Engineering and Technology (IJIRSET),Volume 14, 3 March 2025
7. Maria Sobana S, Shyla Shree M M, Shree Harinee T G, Susmitha M, Swetha M ,Feature Subset Optimization in Intrusion Detection using SVM Classifier, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) , Volume 14, 3 March 2025
8. Ms.Sangamithra S, Vallimayil P, Thendral Devi K, Varsha K S Voice Driven Heritage, Tour Assistance for Tamil Nadu's Visitors using AI , International Journal of Innovative Research of Science, Engineering and Technology ,Volume 14, 3 March 2025
9. S. Yoheswari, Priyadharshini O S, Puvai J P, Surveillance of System Activity Using a Software Keylogger, International Journal of Innovative Research of Science, Engineering and Technology , Volume 14, Issue 3, March 2025
10. Nivethitha R, Siva Prakash Pandi J, Sriram V, Subash R, Vimal Raj K ,Deep Learning-Based Bone Deformity Detection in Radiological Imaging, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET),Volume 14, 3 March 2025
11. Mr. D. Pravin Kumar, S. Alagarsamy Raja, J. Arunsunai Gowtham, Hariharan Balachandran, B. Kalanithi ,AI Powered Stroke Prediction and Prevention System Using NLP, International Journal of Scientific Research in Engineering and Management (IJSREM) , Volume: 09 , 04 April – 2025
12. Dr. P. R. Vijayalakshmi, R. P. Priyanka, S. Ramya Sree, B. J. A. Rishi Priya ,AI and NLP-Driven Technology for YouTube Transcript Processing, Summarization and Automation, International Journal of Scientific Research in Engineering and Management (IJSREM) , Volume: 09 04, April – 2025
13. Usha Rani K, Sharukesavalingam A, Ramana C, Viswa M, Rajaprabhakaram m, AI Based Plant Disease Detection using Live Camera Feed, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ,Volume 14, 4 April 2025
14. Usha Rani K, Karthikeyan S, Vivekan O P, Amesh J, Anand R M, Automated Car Damage Recognition and Cost Estimation using CNN, International Journal of Innovative Research in Science Engineering and

- Technology (IJIRSET) I, Volume 14, 4 April 2025
15. K. Vanitha Mani, S. Jeyasudha, D.C. Kavya Nandhini, G.P. Kiruthiga, M. Sridevi, GenAI-Powered Automated Data Analytics and Visualization, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) , Volume 14, 4 April 2025
 16. Dr. Prem Kumar P, Kumaresh Babu N.K, Rohith R.R, Risikesan K.J ,Forest Fire Prediction Model based on Cellular Automata and Machine Learning, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ,Volume 14, 4 April 2025
 17. Dr. P Prem Kumar, Eswar K, Harish Kumar P, Kathiravan S, Smart LMS App for Personalized Learning and Certification, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ,Volume 14, 4 April 2025
 18. Dr.R.Kiubahari, Machine Learning based historical data analysis and future trending forecasting, International Journal of Scientific Research in Engineering and management ,Volume 09 , 04 april 2025
 19. Kirubahari R, Shyam Sundhar N, Sasikumar P, Sivaprakash S, Sundar Rajan D ,GPS Based Real-Time Seat Availability & Location Updation Using IoT , International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ,Volume 14, 4 April 2025
 20. Dr.S.Miruna Joe Amali, Roshni Sri K A, Rithika R, Priyadharshini T, Ensembled Learning-Based Smart Farming System for Price Prediction and Resource Optimization ,International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ,Volume 14, 4 April 2025
 21. Maria Sobana S, Krishna Veni M, Mirsha Shelyn J, Nagarani V O A, Multimodel System For Human-Computer Interaction, International Journal of Multidisciplinary Research in Science, Engineering and Technology ,Volume 8, 4 April 2025
 22. Subashini S, Saran K M, Surya K R, Uthamaseelan V, Vishwa Karthik S ,Urban Street Cleanliness Assessment using Machine Learning ,International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) , Volume 14, 4 April 2025
 23. Dr. S. Subashini, A. Mohammed Navas, T. S. P.Ksheerabdinath, M. HKsheerabdhinath, T. S. Muneeshwara Venkatesh ,URL Feature Analysis for Effective Phishing Detection using Machine Learning ,International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 , 04 April 2025
 24. Sangamithra.S, Santhosh. S A, Yuvan Sankar S.K.G, Sevugamoorthy.P, Vishnu Vardhan K.L, Brain Rot Prediction (BRP) Using BERT Model ,International Journal of Multidisciplinary Research in Science, Engineering and Technology ,Volume 8, 4 April 2025
 25. Mrs. S. Venkata lakshmi, K J Rethick Kumar, C. Sri Vignesh, C R Shiraptinath, Mrs. V. Karpagam, Wakesense Portable IOT Based Anti-Drowsiness Alert System for Drivers, International Journal for Multidisciplinary Research (IJFMR),Volume 7,2 March-April 2025
 26. J.Monicaa, S.VenkataLakshmi , N.Nagapriya ,AI-Powered Waste Detection and Localization Using Region Proposal Network and CNN,International Journal of Scientific Research in Engineering and Management (IJSREM) ,Volume: 09 , 04 April - 2025
 27. Catherine Jenifer A, Kaviya Vanaraj, Kavya T K, Ezhil Bharathi J P, Enhancing Chronic Kidney Disease Prediction Through Machine Learning, International Journal of creative Research Thoughts , Volume 13, 4 April 2025
 28. Karpagam V, Sankarapandi S, Santhoshkumar M, Seeni Barith Ali S, Vasanthraj P M Bitcoin Prediction using Machine Learning, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) , Volume 14, Issue 4, April 2025
 29. Karpagam V, PandiSelvam P, Rajakirubakaran E, SabariKumar K B, Property Price Prediction Using Machine Learning, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) ,Volume 14,4 April 2025
 30. Alagar A, Mohammed Zayed Rahman J, Abisheik S, Arun Prasath L, Nambi Raja A Automated Essay Scoring for Educational Institutions using Natural Language Processing, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET) , Volume 14, 4 April 2025
 31. G. Rajeswari, J.V. Kowsalya, T.S. Navalakshmi, N.S Sakthi Aashitha, T.S Sakthi Jothi Insurance Cost Prediction Using Polynomial Ridge Regression and Random Forest Classifier, International Journal of Innovative Research in Engineering International Volume 6, 2March-April 2025

32. Mr. M. Arulselvan, M. Abishek, J.R.S. Abizeeth, M. Hari Balamurugan, N.M.R. Harrish Nandha, Deep Learning-Based Facial Attendance Tracker, International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 13,4 Apr 2025
33. M Sasikala, S S Dharshan, K R Aakash, R G Kabilesh Kannan M Dinesh Kumar INTELLIGENT MULTI LINGUAL AI PRODUCT SEARCH ENGINE CHATBOT, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 , 4 april 2025
34. Nazmunisha N, Suganyadevi K S, Vedapriya S, Velmathi M, Smartphone-Based Navigation System for the Visually Impaired using Deep Learning Models, International Journal of Innovative Research in Science Engineering and Technology (IJIRSET), Volume 14, 4 April 2025

Publications in International/National Conference

1. D.Pravin Kumar ,22 October 2024, 9 th International Conference on Computing sciences (ICCS-2024) International - 3 Vivekan.O.P Amesh.J Usha Rani Automated car damage recognition and cost estimation using CNN International Conference on :Engineering Horizons: Innovation, Advancements and Sustainability (ICON:EHIAS'25) 16-17 May 2025
2. R.Nivethitha S.Maria Sobana S.Sangamithra ,A Hybrid-Classifer for Plant Syndrome Analysis Using Machine Learning International Conference on :Engineering Horizons: Innovation, Advancements and Sustainability (ICON:EHIAS'25) 16-17 May 2025

Books / Book Chapters Published

S. No	Name of the Author(s)	Title of the Book	Chapter	Publisher	ISBN	Year
1	Dr. R. Karthick	Elevating Brand Loyalty With Optimized Marketing Analytics and AI	Factors Influencing Customers' Inclination to Buy Green Products: An Indian Perspective	IGI Global Scientific Publishing	10.4018/979-8-3693-9954-5.ch009	2025
2	Dr. R. Karthick	Hybrid and Advanced Technologies	Enhancing Customer Segmentation: RFM Analysis and K-Means Clustering Implementation	CRC Press	9781003559139	2025
3	Mr. D. Pravin Kumar	Hybrid and Advanced Technologies	Smart Intelligent Control Application Using Quantum Computation and Machine Learning	CRC Press	9781003559139	2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar / Workshop / Course Attended	Date / Place
Mrs.V.Karpagam	Empowering Educators with Generative AI & DL	07-04-2025 – 09-04-2025, K.L.N. College of Engineering
Mrs.G.Rajeswari	Empowering Educators with Generative AI & DL	07-04-2025 – 09-04-2025, K.L.N. College of Engineering
Mr.M.Arulselvan	Next Generation Cyber Security – Machine Learning Applications (A Hands-on Approach)	03-03-2025 – 14-03-2025, Vellore Institute of Technology (VIT)
Mrs.K.Vanitha Mani	Empowering Educators with Generative AI & DL	07-04-2025 – 09-04-2025, K.L.N. College of Engineering
Mrs.K.Vanitha Mani	Principles of Outcome Based Education	04-01-2025, Vmedulife Software
Mrs.K.Usha Rani	Principles of Outcome Based Education	04-01-2025, Vmedulife Software

Mrs.K.Usha Rani	Emerging Technologies in Sustainable Energy and Green Technology	07-01-2025 – 08-01-2025, SRM Madurai College for Engineering and Technology
Mrs.S.Sangamithra	Data Visualization	28-04-2025, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya
Mrs.S.Sangamithra	OBE Essentials: Pathway to Accreditation Excellence	03-02-2025 – 07-02-2025, SRM College of Engineering and Technology
Mrs.S.Sangamithra	Integrating Innovation: Exploring Emerging Technologies	06-01-2025 – 11-01-2025, Kamaraj College of Engineering and Technology
Mrs.S.Sangamithra	Principles of Outcome Based Education	04-01-2025, Vmedulife Software
Mrs.S.Sangamithra	Blockchain and AI: Transforming the Future with Decentralized Intelligence	20-01-2025 – 24-01-2025, Kamaraj College of Engineering and Technology
Mrs.S.Sangamithra	Emerging Technologies in Sustainable Energy and Green Technology	07-01-2025 – 08-01-2025, SRM College of Engineering and Technology
Mrs.S.Yoheswari	IoT and Cyber Security in Power Systems	03-02-2025 – 08-02-2025, K.L.N. College of Engineering
Mrs.S.Yoheswari	Data Visualization	28-04-2025, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya
Mrs.S.Yoheswari	Salesforce Platform Developer 1	30-12-2024 – 04-01-2025, ICT Academy
Mrs.S.Yoheswari	Integrating Innovation: Exploring Emerging Technologies	06-01-2025 – 11-01-2025, Kamaraj College of Engineering and Technology
Mrs.S.Yoheswari	Blockchain and AI: Transforming the Future with Decentralized Intelligence	20-01-2025 – 24-01-2025, Kamaraj College of Engineering and Technology
Mrs.S.Yoheswari	OBE Essentials: Pathway to Accreditation Excellence	03-02-2025 – 07-02-2025, SRM College of Engineering and Technology
Mrs.S.Yoheswari	Emerging Technologies in Sustainable Energy and Green Technology	07-01-2025 – 08-01-2025, SRM College of Engineering and Technology
Mrs.S.Yoheswari	Principles of Outcome Based Education	04-01-2025, Vmedulife Software
Mrs.S.Yoheswari	Introduction to Industry 4.0 and Industrial Internet of Things	Jan – Apr 2025, NPTEL
Mrs.M.Sasikala	IoT and Cyber Security in Power Systems	03-02-2025 – 08-02-2025, K.L.N. College of Engineering
Mrs.M.Sasikala	Achieving Problem–Solution Fit and Product–Market Fit	20-02-2025, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

Staff Achievements/Recognition / Honours

Date	Title	Details of Person	Resource	No. of Participants
07.03.2025	Google Developer Club - State Level Project Expo	Vijay, Development Head	Business Regional	150
02.04.2025	State Level Symposium - ZEIGEN 2K25	Mrs. Harshini, Team Head, NetApp Bangalore		112

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course Duration	Course Conducted By	Award (Elite/Silver/Pass)
Mrs. V. Karpagam, ASP/CSE	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	NPTEL (Jan– Apr 2025)	Elite+Gold – 91%

Mrs. S. Venkatalakshmi, ASP/CSE	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	NPTEL (Jan–Apr 2025)	Elite+Gold – 96%
Mr. M. Arul Selvan, AP/CSE	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	NPTEL (Jan–Apr 2025)	Elite+Silver – 89%
Mrs. S. Yoheeswari, AP/CSE	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	NPTEL (Jan–Apr 2025)	Elite+Silver
Mrs. K. Vanitha Mani, AP/CSE	Introduction to Internet of Things	12 Weeks	NPTEL (Jan–Apr 2025)	Elite+Silver
Mrs. R. Kirubahari, ASP/CSE	Introduction to Internet of Things	12 Weeks	NPTEL (Jan–Apr 2025)	Elite+Silver

NPTEL Online Certification Courses (Students)

S.No	Name of the Student	Year	NPTEL Course Name	Duration	Award
1	ABINAYA J	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
2	ABINAYA J	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
3	ABISHEK G P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
4	ABISHEK G P	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
5	AFRIN MEKHANAS A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
6	AFRIN MEKHANAS A	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
7	AJAAY PRANAV O B	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
8	AJITA N U	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
9	AJITA N U	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
10	AKASH A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
11	AKASH A	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
12	ALAGESHWARAN P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
13	ALAGESHWARAN P	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
14	AMRITHA MAHALAKSHMI P G	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
15	AMRITHA MAHALAKSHMI P G	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
16	ARINII M K	III	Social Networks	12 Weeks (Jan–Apr 25)	Elite
17	ARINII M K	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
18	ASOKA INDRAJITH A K	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
19	ASOKA INDRAJITH A K	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
20	ATCHAYA S S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
21	AYYANAR K	III	Privacy and Security in	12 Weeks	Elite

			Online Social Media	(Jan–Apr 25)	
22	AYYANAR K	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
23	DEEPIKA A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
24	DEEPIKA A	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
25	DHANUSHA BHARATHI P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
26	DHARANI RAJA M	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
27	DHARSHINI K	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
28	DHARSHINI T K	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite
29	DHARSHINI T S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
30	DHARSHINI T S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
31	DHIVYA S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
32	DIVYA T K	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
33	DIVYA T K	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
34	DIVYA DHARSHINI T R	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
35	ESWAR M S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
36	GOKUL M S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
37	GOKUL M S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
38	GOKUL NATH T A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Successfully Completed
39	GURUMOORTHY P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Successfully Completed
40	ISWARYA A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
41	ISWARYA A	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite
42	ISWARYA A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
43	ISWARYA A	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
44	JAISURYA N M	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
45	JAYASURIYA G	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
46	JEPHITA JANISH J	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
47	JERVIN C J	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
48	JERVIN C J	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
49	KANISHKA M	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
50	KARTHIKEYAN T B	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite

51	KEERTHIKA P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
52	KISHORE KUMAR V G	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
53	KRUTHIGA T B	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
54	LAKKSHITA K P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
55	LAKKSHITA K P	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
56	LAVANYA S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
57	LAVANYA S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
58	LOKESHWARAN G C	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Successfully Completed
59	LOKESHWARAN G C	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
60	MADHU PRIYAA S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
61	MADHU PRIYAA S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
62	MOHANA BRINTHA R	III	Affective Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
63	MURUGESH S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
64	MURUGESH S	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite
65	NAVEEN RAJ P	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
66	NITHILAN K	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
67	NITHYA U	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
68	NIVETHA R S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
69	PADMA K	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
70	PADMA K	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
71	PAVITHRA R	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
72	PRAMILA A	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
73	PRIYADHARSHINI T	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
74	RAMESH M S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
75	RANGANAYAGI T T R	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
76	RESHMAA S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
77	ROOBAVANI P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
78	SAHADEVI M	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
79	SAHADEVI M	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
80	SAHANA P S	III	Privacy and Security in	12 Weeks	Elite

			Online Social Media	(Jan–Apr 25)	
81	SAHANA P S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
82	SANDHOSINI T S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
83	SANTHOSH RAM S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
84	SANTHOSH RAM S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
85	SANTHOSHINI E	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
86	SANTHOSHINI S G	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
87	SANTHOSHINI S G	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
88	SHALINI K S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
89	SHALINI K S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
90	SHERLIN A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
91	SHERLIN A	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
92	SHOBICA S A	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
93	SHRI LEKHA S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
94	SHRI LEKHA S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
95	SHYLAJA S K M	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
96	SHYLAJA S K M	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
97	SRESHTA SRIDHAR	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
98	SRI PRASANNA K L	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
99	SUJITHA P	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
100	SUJITHA P	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
101	SWASTHIGA B S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
102	SWATHI S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
103	SWATHI S	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
104	THIRAVIDAN P M	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
105	UDHAYARANI K S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
106	VIKASHINI K B	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
107	VIKASHINI K B	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
108	VISHWARAJ M K	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
109	VISHWARAJ M K	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite

110	VISWESHKISHAN V	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
111	VISWESHKISHAN V	III	Deep Learning for Natural Language Processing	12 Weeks (Jan–Apr 25)	Successfully Completed
112	YAZHINI M	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
113	YAZHINI M	III	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
114	YOGASRI J	III	Affective Computing	12 Weeks (Jan–Apr 25)	Elite
115	YOGESHWARI N O	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
116	SANJEEVI K S	III	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Successfully Completed
117	AMARESH KANNAN K	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
118	ARAVINDH N K	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
119	BEENA JAY SHRI J	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
120	CHELLADEVI T	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
121	DEEKSHITHA GAYATHRI K S	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
122	DEEPIKA M	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
123	DEEPIKA S	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Successfully Completed
124	DHANUSHA T A	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
125	DIVYA SRI M	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
126	DIVYADHARSHINI T S	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
127	GOPINATH S B	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
128	GOWTHAM B	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
129	HAMEETHA JASRA A	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite+Silver
130	HARISHKUMAR J	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
131	HEMANTH T G	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
132	JAYABALAJIVEL R	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
133	JEYASEELAN R	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
134	KARTHIKEYAN P	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
135	KEERTIKA MAYURI B	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed
136	MAARI NIVETHA G	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
137	MATHUMATHI T S	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
138	MATHUMATHI T S	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Successfully Completed

139	MEENAKSHI U	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
140	MOHANADHARSHINI R	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
141	MUTHU LAKSHMI M	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
142	PANDIPRIYA A	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
143	PERAAMBIGAI DHEVI V S	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
144	POOMATHI M	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
145	RAJESHWARAR M	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
146	SAKTHI VEL V	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
147	SANTHIYA K	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
148	VAISHNAVI N G	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite
149	VAISHNAVI N G	II	Cloud Computing	12 Weeks (Jan–Apr 25)	Elite
150	VENKATESH J K	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
151	VIDHYAVARSHINI K K H	II	Privacy and Security in Online Social Media	12 Weeks (Jan–Apr 25)	Elite+Silver
152	VISHVA SRUTHI N K	II	Deep Learning - IIT Ropar	12 Weeks (Jan–Apr 25)	Elite

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1	MS.J S Priyadharshini	National science Day	Paper presentation	III	KLNCESHA-IIPC	2025
2	S .Kasthika	National Voters Day	National Voters Day	I	Election Comission	2025

DEPARTMENT OF INFORMATION TECHNOLOGY

Publications in International/National Journal

1. Dr. P. Ganesh Kumar, “Cluster-Based Routing Protocol Design Using Gated Fusion Adaptive Graph Neural Network in Wireless Sensor Networks”, IETE Journal of Research (Taylor & Francis), Vol. 71, Issue 3, 2025.
2. Dr. P. Ganesh Kumar, B. Kalaiselvan, M. Manikanda Ravi, J. Rohinesh, S. Sameerkhan, “Learning Management System”, International Journal of Scientific Research in Engineering and Management, Vol. 9, Issue 4, 2025.
3. Dr. P. Ganesh Kumar, Suriya N., Vimal Adithan K., “IoT-Based Smart Industrial Weighing Machine with Object Recognition”, International Journal of Advanced Research in Science, Communication and Technology, Vol. 5, Issue 6, 2025.
4. Dr. P. Ganesh Kumar, Poornimaa Shri V., K. Sahana C., Salvina Jeslin A., “Document Management and Repository System”, International Journal of Research Publication and Reviews, Vol. 6, Issue 5, 2025.

5. Dr. G. Ramesh, B. Hanish Ram, M. Ajay Kumar, "Sign Language Recognition using Convolutional Neural Networks and VGG19", *International Journal of Innovative Research in Engineering*, Vol. 6, Issue 2, 2025.
6. Dr. G. Ramesh, Mrs. P. Ramya, SivaGuru S., Venkataramana K. R., "Object Detection and Annotation in Videos using Deep Learning", *International Journal of Scientific Research in Engineering and Management*, Vol. 9, Issue 4, 2025.
7. Dr. G. Ramesh, Mrs. P. Ramya, Vsvesh Khanna T. R. V., "Question Generation using Artificial Intelligence and Knowledge Augmented Generation", *International Journal of Scientific Research in Engineering and Management*, Vol. 9, Issue 4, 2025.
8. Dr. S. Ilangoan, Santhosh G., Yoheswaran R. G., "Academic Performance Analysis: Visualization and Insights using Data Science", *International Journal of Scientific Research in Engineering and Management*, Vol. 9, Issue 4, 2025.
9. Mr. A. Selvaraj, Nitish Kanna V., Shafrik S., "Detecting Floating Marine Macro Litter (FMML) using Deep Learning Models", *International Journal of Scientific Research in Engineering and Management*, Vol. 9, Issue 4, 2025.
10. Mr. A. Selvaraj, Ruban Kumar V., Nirendrasethupathi A., Praveen G., "Movie Mania", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
11. Ms. R. M. Suganya, Nithishkumar N. C., Praveenkumar B. R., Vishnu K., "Deep Learning for Vision Health: An AI-based Approach for Early Detection of Retinal Diseases", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
12. Mrs. P. Ramya, Vimal R. M. C., Saktheeswaran R. S., M. Prakash Moorthy, M. Sanjeev S., "AI-Powered Agriculture Assistant for Smarter and Sustainable Farming", *International Journal of Research and Analytical Reviews (IJRAR)*, Vol. 12, Issue 2, 2025.
13. Mrs. P. Ramya, Dharshini K., Jayaharini P., Meenadharshini R. S., Madhurusha V. B., "An IoT-based Hydroponics Automation System", *International Journal of Research and Analytical Reviews (IJRAR)*, Vol. 12, Issue 2, 2025.
14. Mrs. P. Ramya, Vengata Subiramani K. S., Vignesh R., Santhosh E. G., "Smart Farming System for Price Prediction and Resource Optimization Using Machine Learning", *International Journal of Scientific Research in Engineering and Management*, Vol. 9, Issue 4, 2025.
15. Mrs. P. Ramya, Varuni B., Sakthi Muthu Mari P., Sifaya S. N., "Meteorological Data and Pesticide Usage for Crop Yield Prediction Using Machine Learning", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
16. Mr. P. L. Subramanian, Sameer Ahmed Khan I., Prasanna P., Rimsath Haroon M., "Real Time Phishing Link Detection using Selenium", *International Journal of Scientific Research in Engineering and Management*, Vol. 9, Issue 4, 2025.
17. Mr. P. L. Subramanian, Baruni M. K., Lakshitha N. R. G., "End-to-End Secure Image Stenography using RSA Encryption", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
18. Mrs. I. Muthu Meenatchi, Mrs. A. Thirunirai Selvi, Mrs. M. Akila, "A Novel Methodology for Customer Attrition Prediction", *International Journal for Research in Applied Science & Engineering Technology*, Vol. 12, Issue 8, 2025.
19. Mrs. I. Muthu Meenatchi, Mrs. A. Thirunirai Selvi, Mrs. M. Akila, "A Comparative Analysis on Various Health Care Prediction Systems for Future Anticipation", *International Research Journal of Modernization in Engineering Technology and Science*, Vol. 6, Issue 8, 2025.
20. Mrs. I. Muthu Meenatchi, Raghavv Lighath K., Visweshkumar P. S., Yogeshwaran T., "Intelligent Field Reservation System", *International Research Journal of Modernization in Engineering Technology and Science*, Vol. 7, Issue 5, 2025.
21. Mrs. K. Rani, Nivetha S., Valentina V., Vinusha T. K. S., "Architecture Overhaul: E-Commerce Monolith to Microservices Transformation", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
22. Mrs. T. S. Naga Nanthini, Santhosh A., Sharoon Basha S., Viswajith K. G., "Smart Inventory Management System", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
23. Mrs. M. Akila, Rupasri G. K., Snehapriya T., Swetha M. S. R., "Mobile Based Attendance Logging System Using GeoFencing and Real-Time Reporting", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.
24. Mrs. D. Nirmala Devi, Hari Prasath K., Inzamam Ulhaq S., "Smart Home Loan Analysis and Repayment Calculator", *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 14, Issue 4, 2025.
25. Mrs. D. Nirmala Devi, Shivani Sri M. J., Sivapackiya A., "Enhancing Employee Accessibility Through a Smart Attendance Management System: A Conceptual Approach", *International Journal of Research Publication and Reviews*, Vol. 6, Issue 5, 2025.

26. Mrs. M. Meena, "Innovative Techniques for Customer Churn Prediction", International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Vol. 7, Issue 3, 2025.
27. Mrs. M. Meena, "AI and Beyond: A Comparative Review of Health Forecasting Systems", International Journal of Scientific Research in Engineering and Management, Vol. 9, Issue 3, 2025.
28. Mrs. M. Meena, Sashta C. A., Venkatesh M. N., "AI Umpire Using Deep Learning Strategies", International Journal of Scientific Research in Engineering and Management, Vol. 9, Issue 4, 2025.
29. Mrs. M. Meena, Santhakumar A. S., Velmurugan S., Vignesh Babu T. D., "Hands-Free Virtual Assistant using Python", International Journal of Research Publication and Reviews, Vol. 6, Issue 5, 2025.
30. Mrs. M. Meena, Harikes K. K., Alagu Raja T., "Online Appointment Booking and Patient Management System", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 14, Issue 5, 2025.
31. Ms. M. Dharshini, Santhiya P., Susmitha A., Balambiga V. S., "Real Time Sign Language Recognition using Computer Vision and AI", International Journal of Research Publication and Reviews, Vol. 6, Issue 5, 2025.
32. Ms. M. Dharshini, Anand S., Aadharsh A., "Hydration Recommendation System", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 14, Issue 5, 2025.
33. Ms. P. Nagalakshmi, Ms. M. Dharshini, Mrs. M. Meena, "Data-Driven Water Quality Assessment Using Machine Learning", International Journal of Research Publication and Reviews, Vol. 6, Issue 3, 2025.
34. Ms. P. Nagalakshmi, Santhos K. S., Srivaran S., Nithesh M., "AI Driving Companion", International Journal of Research Publication and Reviews, Vol. 6, Issue 5, 2025.
35. Poornimaa Shri V. K., Thesikaa A., Salvina Jeslin A., Shivani S., "Eligibility Checker App for Education Guidance System with Integrated Exam and College Navigator", International Journal of Engineering Research & Technology, Vol. 14, Issue 2, 2025.
36. Shivani S., Varsha A., Shobana Dharshini R. S., "Heart Disease Prediction using Machine Learning", International Journal of Research Publication and Reviews, Vol. 6, Issue 5, 2025.

Publications in International/National Conference

1. Dr. P. Ganesh Kumar, Anbarasi K., Asha R., Ishrath Mashuda M., "IoT Enabled Fire Extinguishing System", International Conference on Innovation in Computing and Technology (ICICT'25), Velammal Institute of Technology, Chennai, April 2025.
2. Dr. G. Ramesh, Mrs. P. Ramya, "SDN Attack Identification Model using Hybrid CNN-LSTM Algorithm and Attention Mechanism", International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication, Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
3. Dr. G. Ramesh, B. Hanish Ram, M. Ajay Kumar, "Sign Language Recognition using Convolutional Neural Networks and VGG19", International Conference on Innovation in Computing and Technology (ICICT'25), Velammal Institute of Technology, Chennai, April 2025.
4. Dr. G. Ramesh, Mrs. M. Muthu Meenatchi, Suriya N., Vimal Adithan K., "Swin Transformer Based ML Model for COVID-19", International Conference on Engineering Horizons: Innovation, Advancements and Sustainability (ICON: EHIAS'25), SRM Madurai College of Engineering and Technology, Madurai, May 2025.
5. Dr. S. Ilangovan, Gayathri P., Miruthula U. C., "Autism Spectrum Disorder Classification using Gated Recurrent Unit (GRU) Networks based on Screening Questionnaire Data", International Conference on Innovation in Computing and Technology (ICICT'25), Velammal Institute of Technology, Chennai, April 2025.
6. Dr. S. Ilangovan, Deepika K., Devadharshana R., Dharani M. Y., "Cloud Armor – Advanced Secure Data Lake Solution", International Conference on Innovation in Computing and Technology (ICICT'25), Velammal Institute of Technology, Chennai, April 2025.
7. Dr. S. Ilangovan, Shamli S., Nivetha M., "Heart Disease Prediction Using Machine Learning", TNSCST Sponsored International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025), Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
8. Dr. S. Ilangovan, Priya Dharshini L. S., Rindhia Sree T. S., Vaishnavi G. K., Shyla Sree K. V., "Empowerment through Innovation for Women and Children", TNSCST Sponsored International

- Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025), Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
9. Dr. S. Ilangovan, Nagammai S., Vallimayil R., “Crime Data Analysis Using Machine Learning”, TNSCST Sponsored International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025), Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
 10. Mr. A. Selvaraj, LG. Vaishnavi Rakshitha B., Suki K., “AI-Powered OCR for Recognizing Ancient Tamil Palm Scripts”, 9th International Conference on Engineering Technology and Science (ICETS’25), Muthayammal College of Engineering, Namakkal, March 2025.
 11. Ms. R. M. Suganya, Harshini B. B., Harini K., Boshini T. P., “Analyzing Dynamic Asteroids and Hazard Visualization”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.
 12. Ms. R. M. Suganya, Siva Ranjani S., Prasanna Devi A., Sabari Vithya V., Yogalakshmi V., “Comprehensive Learning Management System for Modern Education using Flutter”, International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025), Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
 13. Mrs. P. Ramya, Vimal R. M. C., Saktheeswaran R. S., Prakash Moorthy M., Sanjeev S., “AI-Powered Agriculture Assistant for Smarter and Sustainable Farming”, 9th International Conference on Engineering Technology and Science (ICETS’25), Muthayammal College of Engineering, Namakkal, March 2025.
 14. Mrs. P. Ramya, Dharshini K., Jayaharini P., Meenadharshini R. S., Madhuresha V. B., “An IoT based Hydroponics Automation System”, 9th International Conference on Engineering Technology and Science (ICETS’25), Muthayammal College of Engineering, Namakkal, March 2025.
 15. Mr. P. L. Subramanian, Harini M. B. S., Mangaiyarkarasi M., Iyshwarya S., “Conversational Agents in Healthcare: A Synthesis of Evidence and Application”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.
 16. Mrs. K. Rani, Mohamed Irfan M., Karthikeyan U., “AI Personal Trainer: Smart Fitness Guidance Using Computer Vision”, Recent Advances in Communicative Electronics (NCRACE 2025), SRM TRP Engineering College, Trichy, March 2025.
 17. Mrs. K. Rani, Swarna Sree M. J., Harshinipriya C. P., Jansi Rani K. V., Osona S. R., “AI-Based Chatbot using Integrated Hospital Monitoring System”, International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025), Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
 18. Mrs. A. Thirunirai Selvi, Chandraprakash K., Lalith Kishore K., Achuthen K. S., “Cipher Draw – A Distributed Ledger”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.
 19. Mrs. A. Thirunirai Selvi, Shamiha Sherin M., Sharmila B., “Personalized Spotify Dashboard using Power BI”, International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC-2025), Kamaraj College of Engineering and Technology, Virudhunagar, March 2025.
 20. Mrs. M. Muthu Meenatchi, Kruthiga G., Lakshmi Priya R. K., Harini S., “AI-Powered Energy Management System”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.
 21. Mrs. T. S. Naga Nanthini, A. Afra Fareen, S. Kiruthiga Rani, “Efficient Personal Cloud for Seamless Data Access”, International Conference on Sustainable Energy and Innovation Technology (ICSETT 2K25), Stella Mary’s College of Engineering, Kanyakumari, April 2025.
 22. Mrs. M. Akila, Aathi Sankar T., Ahmed Faizal S. A., Arihararaj G. M., “Scholarship Prediction System Using Machine Learning”, Recent Advances in Communicative Electronics (NCRACE 2025), SRM TRP Engineering College, Trichy, March 2025.
 23. Mrs. M. Akila, Dhanush R., Jones S., Goshan Raj S., “Securing Federated Learning Against Poisoning Attacks using Blockchain”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.

24. Mrs. D. Nirmala Devi, Manikandan S., Kushal Singh J., Madhan C., “Stock Price Prediction using Machine Learning”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.
25. Mrs. M. Meena, “Analyzing AI-Based Techniques for Cyber Attack Detection in Cyber-Physical Systems”, 12th International Conference on Emerging Trends in Engineering and Technology (ICETET’25), Pandian Saraswathi Yadav Engineering College, Madurai, March 2025.
26. Ms. M. Dharshini, Aakash Chandar S., Amjad I., Balakumar K. K., “Culinary Assistant for Intelligent Recipe Synthesis Using DenseNet20”, International Conference on Innovation in Computing and Technology (ICICT’25), Velammal Institute of Technology, Chennai, April 2025.
27. Ms. P. Nagalakshmi, Pon Swetha M., Redlin Vijitha R., “Churn Prediction using Customer Journey Mapping”, 9th International Conference on Engineering Technology and Science (ICETS’25), Muthayammal College of Engineering, Namakkal, March 2025.

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Mrs.S.VIJAYA SHARMILA, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/ Sivagangai
Mrs.S.VIJAYA SHARMILA, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 22.02.25/ Madurai
Mrs.S.VIJAYA SHARMILA, AP/IT	Five - day Faculty Development Programme on “Innovative Techniques for Crafting and Publishing Research Papers”	10.02.25 to 14.02.25/ Chennai
Ms.RM.SUGANYA, AP/IT	FDP on “Introduction to Internet of Things”	Jan – Apr 2025/ Madras
Ms.RM.SUGANYA, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/ Sivagangai
Ms.RM.SUGANYA, AP/IT	OBE Essentials :Pathway to Accreditation Excellence	03.02.25 To 07.02.25/ Madurai
Mrs.P.RAMYA, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/ Sivagangai
Mrs.P.RAMYA, AP/IT	Online Training/ Webinar on “IEEE Xplore”	21.02.25/ Sivaganga
Mrs.P.RAMYA, AP/IT	Five - day Faculty Development Programme on “Innovative Techniques for Crafting and Publishing Research Papers”	10.02.25 To 14.02.25/ Chennai
Mrs.P.RAMYA, AP/IT	OBE Essentials :Pathway to Accreditation Excellence	03.02.2025 To 07.02.2025/ Madurai
Mrs.P.RAMYA, AP/IT	AgriExplore: 21 Days International Winter school Training Programme	11.01.25 To 31.01.25/Maharashtra
Mrs.I.MUTHUMEE NATCHI, AP/IT	FDP on “Affective Computing”	Jan to April 2025/Madras
Mrs.I.MUTHUMEE NATCHI, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/Sivagangai
Mrs.I.MUTHUMEE NATCHI, AP/IT	AICTE Recognized Faculty Development Programme on “IoT and Data Analysis of Sensor Data”	03.03.25 to 07.03.25/Madurai
Mrs.I.MUTHUMEE NATCHI, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 22.02.25/Madurai

Mrs.I.MUTHUMEE NATCHI, AP/IT	Five - day Faculty Development Programme on “Innovative Techniques for Crafting and Publishing Research Papers”	10.02.25 to 14.02.25/Chennai
Mrs.K.RANI, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 22.02.25/Madurai
Mrs.K.RANI, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/Sivagangai
Mrs.A.THIRUNIRAI SELVI, AP/IT	FDP on “Affective Computing”	Jan to April 2025/Madras
Mrs.A.THIRUNIRAI SELVI, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/Sivagangai
Mrs.A.THIRUNIRAI SELVI, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 22.02.25/Madurai
Mrs.A.THIRUNIRAI SELVI, AP/IT	Five - day Faculty Development Programme on “Innovative Techniques for Crafting and Publishing Research Papers”	10.02.25 to 14.02.25/Chennai
Mrs.T.S.NAGANAN THINI, AP/IT	FDP on “Data Visualisation”	28.04.25/Kanchipuram
Mrs.T.S.NAGANAN THINI, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/Virudhunagar
Mrs.M.AKILA, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/Sivagangai
Mrs.M.AKILA, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 22.02.25/Madurai
Mrs.M.AKILA, AP/IT	Five - day Faculty Development Programme on “Innovative Techniques for Crafting and Publishing Research Papers”	10.02.25 to 14.02.25/Chennai
Mrs.M.AKILA, AP/IT	6 days Faculty Development Program on “Integrating Innovation : Exploring Emerging Technologies”	06.01.25 To 11.01.25/Virudhunagar
Mrs.D.NIRMALA DEVI, AP/IT	Artificial Intelligence Techniques in VLSI Design	20.01.25 to 25.01.25/Dindigul
Mrs.M.MEENA, AP/IT	FDP on “Introduction to Internet of Things”	Jan – Apr 2025/Madras
Mrs.M.MEENA, AP/IT	3 days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 9.04.25/Sivagangai
Mrs.M.MEENA, AP/IT	One-week research workshop on “Selecting The Right Research Topic & Writing a Strong Research Proposal”	10.03.25 to 5.03.25/Haryana
Mrs.M.MEENA, AP/IT	Online Training/ Webinar on “IEEE Xplore”	21.02.25/Sivagangai
Mrs.M.MEENA, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 2.02.25/Madurai
Ms.M.DHARSHINI, AP/IT	FDP on “Introduction to Internet of Things”	Jan – Apr 2025/Madras
Ms.M.DHARSHINI, AP/IT	Online Training/ Webinar on “IEEE Xplore”	21.02.25/Sivagangai
Ms.M.DHARSHINI, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 2.02.25/Madurai

Ms.P.NAGALAKSH MI, AP/IT	FDP on “Affective Computing”	Jan – Apr 025/Madras
Ms.P.NAGALAKSH MI, AP/IT	3days FDP on “EMPOWERING EDUCATORS WITH GENERATIVE AI & DL”	07.04.25 to 09.04.25/Sivagangai
Ms.P.NAGALAKSH MI, AP/IT	(ATAL) Academy Faculty Development Program on “Deep Learning and Computer Vision in the Field of Clinical Research”	17.02.25 to 22.02.25/Madurai

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants
26.02.2025	Motivational Session-role of IT Innovation on Design Thinking	Mr.Prasanna vijayan,Senior Software Engineer,Freshworks,Chennai	59
27.03.25	AI in Creative Tech & the high demand for UI/UX	Mr.Arunachalam Nagarajan UX Architect,EX-TCS CEO,BUIZLAB Managing Partner,IMAGE	89
20.01.25 to 25.01.25	Value Added Course on”BUG BOUNTY”	Mr.Sankarraj Subramanian Founder-CEO PROMPT INFOTECH,Coimbatore	120
6.1.25 to 10.1.25	Training Programme in C	Nikkil & Team Skill about- corporate trainer	89

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award (Elite / Silver/Pass)
Mrs.I.Muthumeenatchi ,AP/IT	Affective computing	Jan to April 2025	NPTEL-IIT Madras	Elite
Mrs.K.Rani,AP/IT	Affective computing	Jan to April 2025	NPTEL-IIT Madras	Elite
Mrs.A.Thirunirai Selvi,AP/IT	Affective computing	Jan to April 2025	NPTEL-IIT Madras	Elite
Mrs.T.S.Nagananthini,AP/IT	Introductiuon to Database Systems	Jan to April 2025	NPTEL-IIT Madras	Successfully completed
Ms.P.Nagalakshmi,AP/IT	Affective computing	Jan to April 2025	NPTEL-IIT Madras	Elite + Silver

Funding obtained from National bodies/AU/Industry

S.No.	PI &CO- PI	Title of the Research project	Fund Generated / Proposal Applied	Funding Agency	Amount Generated / Proposed	Date and Month of Funding Approved
1.		IDEA LAB	30 lakhs	AICTE	30 lakhs	2025

NPTEL Online Certification Courses (Students)

S.No.	Name Of The Student	Year	NPTEL Course Name	Duration	Award (Elite/Silver/Pass)
1	Shivani S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite + Silver
2	Pooja Shree K K	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite + Silver
3	Anieesha M	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite +Silver
4	Dharshini S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite + Silver
5	Jaishree K N	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
6	G K Rupasri	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
7	Balambiga V S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
8	Salvina Jeslin A	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
9	Velmurugan S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
10	Sharoon Basha S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
11	Harikes K K	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
12	Achuthan K S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
13	Snehapriya T	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
14	Sahana C	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
15	Nivetha S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
16	Susmitha A	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
17	Valentina V	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
18	Poornimaa Shri V K	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
19	Santhos K S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite

20	Nithya Dharshini T J	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
21	Kaviselvi D	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
22	Sri Divya Dharshini S V	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
23	Swetha Msr	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
24	Varsha A	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
25	Baruni M K	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
26	Keerthiga Sri J M	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
27	Nandhini A S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
28	Laksitha N R G	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
29	Bhakiyarathi G	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
30	Navina A S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
31	Goperum Arasu K	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
32	Aswin S P	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
33	Divyashree T D	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
34	Harshini T K	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
35	Aiswariya S S	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
36	Karthigha R K	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
37	Srimathi K J	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
38	Poornasri G S	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite

39	Rudhresh Kumar S	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
40	Seenivasan R S	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
41	Naganandhini K G	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
42	Archana V	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
43	Madhankumar E G D	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
44	Vinusha T K S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
45	Santhiya P	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
46	Shobana Dharshini R S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
47	Praveen Kumar B R	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
48	LakshmiPriya S R	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
49	Madhumitha R	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
50	Barath M R	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
51	Arjun C	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
52	Afzal S	III	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
53	Deivanai A	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
54	Harini M	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
55	Nagaharine M	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
56	Harini M R	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
57	Shanthoosi T S	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed

58	Venkatesh T R	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
59	Ramprakash S	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
60	Sattish J	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
61	Surendhar J	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
62	Suriya Prasath T H	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Successfully Completed
63	Mahalakshmi M	II	Privacy and Security in Online Social Media	Jan-Apr 2025	Elite
64	Sahana C	III	Affective Computing	Jan-Apr 2025	Elite + Silver
65	Shobana Dharshini R S	III	Affective Computing	Jan-Apr 2025	Elite + Silver
66	Susmitha A	III	Affective Computing	Jan-Apr 2025	Elite + Silver
67	Sharoon Basha S	III	Affective Computing	Jan-Apr 2025	Elite
68	Velmurugan S	III	Affective Computing	Jan-Apr 2025	Elite
69	Praveen Kumar B R	III	Affective Computing	Jan-Apr 2025	Elite
70	G K Rupasri	III	Affective Computing	Jan-Apr 2025	Elite
71	Poornimaa Shri V K	III	Affective Computing	Jan-Apr 2025	Elite
72	Salvina Jeslin A	III	Affective Computing	Jan-Apr 2025	Elite
73	Balambiga V S	III	Affective Computing	Jan-Apr 2025	Elite
74	Santhiya P	III	Affective Computing	Jan-Apr 2025	Elite
75	Varuni B	III	Affective Computing	Jan-Apr 2025	Elite
76	Valentina V	III	Affective Computing	Jan-Apr 2025	Elite
77	Nivetha S	III	Affective Computing	Jan-Apr 2025	Elite
78	Swetha MSR	III	Affective Computing	Jan-Apr 2025	Elite
79	Varsha A	III	Affective Computing	Jan-Apr 2025	Elite
80	Shivani S	III	Affective Computing	Jan-Apr 2025	Elite

81	Baruni M K	III	Affective Computing	Jan-Apr 2025	Elite
82	Laksitha N R G	III	Affective Computing	Jan-Apr 2025	Elite
83	Harini S	II	Affective Computing	Jan-Apr 2025	Elite
84	Deeksha G	II	Affective Computing	Jan-Apr 2025	Elite
85	Jenisha Sherine A	II	Affective Computing	Jan-Apr 2025	Elite
86	Vinusha T K S	III	Affective Computing	Jan-Apr 2025	Successfully Completed
87	Snehapriya T	III	Affective Computing	Jan-Apr 2025	Successfully Completed
88	Santhos K S	III	Affective Computing	Jan-Apr 2025	Successfully Completed
89	Abhishalni K S	II	Affective Computing	Jan-Apr 2025	Successfully Completed
90	K R Ramyadevi	II	Entrepreneurship Essentials	Jan-Apr 2025	Successfully Completed
91	K R Ramyadevi	II	Computer Networks And Internet Protocol	Jan-Apr 2025	Successfully Completed

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1	S.Nagammai	TechXcellence,Hackathon	State	3rd Prize	AUROiTECH Digital Solutions Foundation	2021-2025
2	K.S.Achuthen	TechXcellence,Hackathon	State	1st Prize	AUROiTECH Digital Solutions Foundation	2021-2025
3	R.Dhanush	TechXcellence,Hackathon	State	1st Prize	AUROiTECH Digital Solutions Foundation	2021-2025
4	R.S.Aakash	TechXcellence,Hackathon	State	1st Prize	AUROiTECH Digital Solutions Foundation	2021-2025
5	A.R.Vijay Adith	Retro Poster Jam , ERUPTA	State	1st Prize	Sethu Institute of Technology	2023 – 2027
6	P.Ragesh	Retro Poster Jam , ERUPTA	State	1st Prize	Sethu Institute of Technology	2023 – 2027
7	K.Raghavv Lighath	BGMI Event	State	1st Prize	Thiagarajar College of Management	2022 – 2026
8	P.S.Viswesh Kumar	BGMI Event	State	1st Prize	Thiagarajar College of Management	2022 – 2026

9	Kishore K J	QUIZZARDS, Legacy'24	State	II prize	Mepco Schlenk Engineering College, Sivakasi	2023 – 2027
10	Ragesh P	Retro Poster Jam, ERUPTA 2025	State	1st Prize	Sethu Institute of Technology	2023 – 2027
11	Vijay Adith A R	Retro Poster Jam, ERUPTA 2025	State	1st Prize	Sethu Institute of Technology	2023 – 2027
12	Divakar M	TECH FEST 2K25	Institute Level	II prize	K.L.N College of Engineering	2023 – 2027
13	Karthikeyan S	SWOT Analysis Contest	Institute Level	II prize	K.L.N College of Engineering	2024-2028
14	Karthikeyan S	Sustainable Development in Environmental protection Contest	Institute Level	II prize	K.L.N College of Engineering	2024-2028
15	Dharshini Sri R	Mathematics Quiz Contest	Institute Level	II prize	K.L.N College of Engineering	2024-2028

Industrial Visits

Year/Sem	Date	Industry Visited
III / VI	08.04.2025	Solar Observatory, Kodaikanal
II / IV	23.04.2025	Solar Observatory, Kodaikanal

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Publications in International/National Journal

1. Mr.S.Sathish Kumar, AP/AI&DS, “AGENTIC AI FOR RESEARCH ASSISTANCE”, :International Journal of Research and Analytical Reviews (IJRAR), **2025 IJRAR April 2025, Volume 12, Issue 2, April 2025.**
2. Mr.S.Sathish Kumar, AP/AI&DS, “INTERIOR DESIGNER USING GENERATIVE AI, International Journal of Research and Analytical Reviews (IJRAR), **2025 IJRAR April 2025, Volume 12, Issue 2, April 2025.**
3. B.AnandaSabariRajan, AP/AI&DS, “SECURE DEBIT CARD CASH WITHDRAWALSYSTEM USING TWO-WAY AUTHENTICATION”, International Journal of Research and Analytical Reviews (IJRAR), **2025 IJRAR April 2025, Volume 12, Issue 2, April 2025**

Publications in International/National Conference

1. Dr.S.Suresh Raja, HOD/AI&DS, AI DRIVEN LEARNING COMPANION, 9th International Conference on Engineering Technology and Science, **28th March 2025.**
2. Dr. S. Balamurugan, AP(SG)/AI&DS, Dr. S. Balamurugan, AP(SG)/AI&DS, 2nd national conference at vaayusastra Aerospace Private Limited ,**4th April 2025**
3. Dr. S. Balamurugan, AP(SG)/AI&DS, 9th International Conference on Engineering Technology and Science, **28th March 2025**
4. Mrs.N.Muthamil Selvi, AP/AI&DS, AI DRIVEN WEB PLATFORM FOR SMARTER HEALTH INSURANCE FRAUD DETECTION, Two Day International Conference on "Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC2025)", **5th, 6th March 2025**
5. Mrs.N.Muthamil Selvi, AP/AI&DS, AI DRIVEN SKINCARE PLATFORM: AN INTEGRATED SOLUTION FOR COLOR ANALYSIS, SKIN INSIGHTS, PERSONALIZED RECOMMENDATIONS AND ASSISTANCE, Two Day International Conference on "Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC2025)", **5th, 6th March 2025**
6. S.Meenakshi, AP/AI&DS, INTELLIGENT INTERVIEW PREPARATION ASSISTANT, 9th International

- Conference on Engineering Technology and Science, **28th March 2025**
7. S.Meenakshi, AP/AI&DS, Two Day International Conference on "Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC2025)", **5th, 6th March 2025**
 8. S.Sathish Kumar, AP/AI&DS, AGENTIC AI FOR RESEARCH ASSISTANCE, 9th International Conference on Engineering Technology and Science, Muthayammal College of Engineering, **28th March 2025**
 9. S.Sathish Kumar, AP/AI&DS, AI DRIVEN SKINCARE PLATFORM: AN INTEGRATED SOLUTION FOR COLOR ANALYSIS, SKIN INISGHTS, PERSONALIZED RECOMMENDATIONS AND ASSISTANCE, Two Day International Conference on "Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC2025)", Kamaraj College Of Engineering and Technology, **5th, 6th March 2025**
 10. B.AnandaSabariRajan, AP/AI&DS, AI DRIVEN PLANT DISEASE DIAGNOSIS FOR SMART FARMING, 9th International Conference on Engineering Technology and Science, Muthayammal College of Engineering, **28th March 2025**
 11. B.AnandaSabariRajan, AP/AI&DS, SECURE DEBIT CARD CASH WITHDRAWAL SYSYTEM USING TWO WAY AUTHENTICATION, 9th International Conference on Engineering Technology and Science, Muthayammal College of Engineering, **28th March 2025**
 12. S.J.OHMPRIYA, AP/AI&DS, AI POWERED VIDEO EDITING ASSISTANT, 9th International Conference on Engineering Technology and Science, Muthayammal College of Engineering, **28th March 2025**
 13. S.J.OHMPRIYA, AP/AI&DS, LIVER DISEASE PREDICITON USING FEDERATED LEARNING, 9th International Conference on Engineering Technology and Science, Muthayammal College of Engineering, **28th March 2025**
 14. S.J.OHMPRIYA, AP/AI&DS, AI DRIVEN WEB PLATFORM FOR SMARTER HEALTH INSURANCE FRAUD DETECTION, Two Day International Conference on "Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC2025)", **5th, 6th March 2025**

Patents Filed / Published / Granted

S. No	Name of the Inventor(s)	Title of the Patent	Patent Number	Status (Filed / Published)	Granted	Year
1	S.Sathish Kumar, AP/AI&DS	Forensic Data Analyzing Robotic Device	436890-001	Published	09.01.2025	2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
N.Muthamil Selvi, AP/AI&DS	Transforming Industries With AI : Deep Learning Breakthroughs And Real-World Applications	20/01/25 to 25/01/25 SRM Institute Of Science and Technology - Ramapuram Campus AICTE Training and Learning (ATAL) Academy
Dr.V.Abinaya, ASP/ AI&DS	Web development using Django	07/04/2025 to 09/04/2025 Kamaraj College of Engineering and Technology
S.Meenakshi, AP/ AI&DS	Integrating Innovation: Exploring Emerging technologies	6/1/25 to 11/1/25 Kamaraj College of Engineering and Technology
S.Sathish Kumar, AP/AI&DS	Transforming Industries With AI : Deep Learning Breakthroughs And Real-World Applications	20/01/25 to 25/01/25 SRM Institute Of Science And Technology -

		Ramapuram Campus AICTE Training and Learning (ATAL) Academy
S.Sathish Kumar, AP/AI&DS	"NBA Accreditation and Teaching and Learning in Engineering (NATE) "	Jan-Apr 2025 NPTEL-AICTE
B.AnandaSabariRajan, AP/AI&DS	AI Tools	17/02/25 to 21/02/25 CMR Engineering College
B.AnandaSabariRajan, AP/AI&DS	EMPOWERING EDUCATORS WITH GENERATIVE AI & DL	07/04/2025 to 09/04/2025 KLN college of Engineering
S. J. Ohm priya , AP/AI&DS	6/1/25 to 11/1/25 Integrating Innovation:Exploring Emerging technologies	Kamaraj College Of Engineering and Technology
S. J. Ohm priya , AP/AI&DS	EMPOWERING EDUCATORS WITH GENERATIVE AI & DL	07/04/2025 to 09/04/2025 KLN college of Engineering

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants
21.02.25	National Level Technical Symposium AISTHETICA2K25	MR.BALAMURUGAN HARIKRISHNAN	270
07.04.25-09.04.25	Empowering Educators with Generative AI & DL	Dr.A.Meenakshi Professor and Head, Department of CSE Kamaraj college of engineering and technology	83
		Dr.ManikandanRamnathanB.E,MBA,M.S,Ph.D Director Engineering, Capgemini Chennai	
		Dr.RAnandhaMurugan Chief Technology Officer HRBluSky&Connect,Pruvity Group India&Du	
		Mr.Kaushik V Training and AI Consultant Chella Software	

Funding obtained from National bodies/AU/Industry

S.No.	PI & CO- PI	Title of the Research project	Fund Generated / Proposal Applied	Funding Agency	Amount Generated / Proposed	Date and Month of Funding Approved
1	Dr.S.Suresh Raja HOD/AI&DS	Data-Driven Veterinary Care: Sensor Integration for Cattle Health Assessment	21-07-2023	SEG of UBA, New Delhi	1 Lakhs	26.07.2025

NPTEL Online Certification Courses (Students)

S.No.	Name of the Student	Year	NPTEL Course Name	Duration	Award (Elite/Silver/Pass)
1.	CHARUNIVEDIDA A N	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+Silver

2.	CHARUNIVEDIDA A N	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
3.	DHANUSH RENDRA N K K	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite+Silver
4.	HARIHARAN K S	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+Silver
5.	HARITHA B R	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+Silver
6.	HARITHA B R	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
7.	JAI HARINI K S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Pass
8.	JEEVA ROSHINI S K	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+gold
9.	LOGESH R	April 2025	Blockchain and its Applications	12 Weeks	Pass
10.	LOGESHWAR U	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
11.	MADHANRAO C S	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+Silver
12.	METHULA SRI U	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
13.	NANDHITHA SHREE T S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
14.	NANDINI SREE B	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite+Silver
15.	NAVEEN PRAKASH T V	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+Silver
16.	PRASANNA KUMAR M N	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+gold
17.	PRAVEENA S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
18.	PREETHI USHA M M	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
19.	PRIYA DARSHINI R	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
20.	PRIYADHARSHINI P	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
21.	SATHYA S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
22.	SHYAM J	April 2025	Human Computer Interaction (In English)	12 Weeks	Elite+Silver
23.	SWETHA R S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite+Silver
24.	SWETHA T	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
25.	VARSHINI S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite+Silver

26.	VEGAVATHI G B	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite+Silver
27.	VIBUSSHANI N S	April 2025	Compiler Design	12 Weeks	Pass
28.	VIBUSSHANI N S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite+Silver
29.	ANITHA I	April 2025	Privacy and Security in Online Social Media	12 Weeks	Pass
30.	DHARSHINI M	April 2025	Privacy and Security in Online Social Media	12 Weeks	Pass
31.	DIVYA SRI M	April 2025	Affective Computing	12 Weeks	Elite
32.	JITHESH T B	April 2025	Affective Computing	12 Weeks	Elite
33.	MADHUMITHA M	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite
34.	NEHASRI M S	April 2025	Privacy and Security in Online Social Media	12 Weeks	Pass
35.	RATHISH	April 2025	Affective Computing	12 Weeks	Elite
36.	SHRAYA A	April 2025	Social Networks	12 Weeks	Elite
37.	SHREESHA S R	April 2025	Privacy and Security in Online Social Media	12 Weeks	Elite

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1.	Logesh R	Glitch	Glitch	First	Kamaraj College of Engineering and Technology -	07.03.2025
2.	Praveen Kumar S	Glitch	Glitch	First	Kamaraj College of Engineering and Technology	07.03.2025
3.	Kowsigan M V	404! Logic not found	404! Logic not found	Second	SRM Institute of Science and Technology	28.03.2025
4	HamsaVidhya T H	Red Light Green Light	Red Light Green Light	Second	Thiagarajar College of Engineering	20.03.2025
5.	HamsaVidhya T H	The Grand Solver's Auction	The Grand Solver's Auction	Third	Thiagarajar College of Engineering	20.03.2025
6.	HamsaVidhya T H	Circuitrix	Circuitrix	Fifth	Thiagarajar College of Engineerig	21.03.2025
7.	Abishek K J	Circuitrix	Circuitrix	Fifth	Thiagarajar College of Engineering	21.03.2025

8	Janani V S	Circuitrix	Circuitrix	Fifth	Thiagarajar College of Engineering	21.03.2025

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

Publications in International/National Journal

1. Dr.Kanchana.JS, K .R .Niharika, “New Sign Vision- Live Language Detection”, International Journal of Engineering Research & Technology, Vol 14, Issue 02, February 2025, ISSN:2278-0181
2. . Dr.Kanchana.JS, S. Sruthi “Bridging Food Suplus in Smiles through Smart Donation and Sustainable Recycling”, International Journal for Research in Applied Science & Engineering Technology, Vol 13, Issue 11, February 2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Dr. J. S. KANCHANA, Prof / HoD	NBA Awareness work on Outcome Based Education and Accreditation	9-2-2025 Anna University, Chennai
Dr. J. S. KANCHANA, Prof / HoD	Mini Techno Vision 2K25, Panel Expert	26-3-25 KCET, CSE Department
Mrs. T. SUGANYA, AP/ CSE(CS)	Advanced Applications of AI in Research & Innovation	24.3.2025-28.3.2025, Online
Ms. S. MUTHAYEE, AP/CSE(CS)	EMPOWERING EDUCATORS WITH GENERATIVE AI & DL	07.04.2025 to 09.04.2025, Online
Ms. S. MUTHAYEE, AP/CSE(CS)	AICTE Training And Learning (ATAL) Academy Faculty Development Program on IoT and Cyber Security in Power Systems	03/02/2025 to 08/02/2025, KLNCE

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants
20.02.2025 to 26.02.2025	VALUE ADDED COURSE – BUG BOUNTY (6 Days)	Mr. Sankarraj Subramanian Founder & CEO, Prompt Info Tech-Ethical Hacking	30 Students

Staff Achievements/Recognition / Honours

Name and Designation of the Staff Member	Achievements of Staff/Recognition/ Honors	Date/Place
Dr. J. S. KANCHANA, Prof / HoD	Student feedback on Faculty for the subject Information Retrieval Techniques	2025-2026 / ODD

Guest Lectures / Expert Talks Organized

S. No	Name of the Speaker	Topic	Organization	Institution	Date
1	Mr. N.L.S. Venkatesh Babu, Technical Architect,	Docker 	Harman Connected Services, Banagalore	IT INDUSTRY	21-02-25
2	Mr M. D. Alavudeen, Service Integration & Process Manager,	Infra and Info security overview from IT services viewpoint 	HCL Tech., Madurai	IT INDUSTRY	28-04-2025

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1	T.N. Saravanan	Poster Presenting KLNCESHA-IIPC, K.L.N.C.E	Institute Level	III-PRIZE	K.L.N.C.E (IIPC)	Feb 2025
2	T.N. Saravanan	TECHUTSAV'25-PANORAMA	CODE OF DUTY	First Prize	Thiagarajar College of Engineering	March 2025
3	K. Devpriyadharshan	Sports Day – KLNCE	Ball Badminton	Winner	KLNCE	March 2025
4	M. Aswanth R. Raajmanikandan	KLNCE-Sports Day	Volley Ball	Runner	KLNCE	March 2025
5	M. Vishal P. Vishnu raj	CHIT CHAT Society Euphoria'25	Euphoria'25 (External Symposium)	First Prize	Kalasalingam Academy of Research and Education	March 2025

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

(INTERNET OF THINGS)

Guest Lectures / Expert Talks Organized

S. No	Name of the Speaker	Topic	Organization	Institution	Date
1	S.Thanga Pandian ,system Administrator	Python and its applications	SSI ,Madurai	-	12.2.2025

NPTEL Online Certification Courses (Students)

S.No.	Name of the Student	Year	NPTEL Course Name	Duration	Award (Elite/Silver/Pass)
1.	P. Reshma Deborah jasmine	2025	Social networks	12 weeks	Pass

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1.	P.Reshma Deboral Jasmine	National Level Hackathon ,	Project Presentation	-	KPR institute of engineering	2025
2.	R S Sri Harini	TECHZARE	project expo	-	(KLNCE)	2025

DEPARTMENT OF MATHEMATICS

Publications in International/National Journal

Dr. R. Selvarani	Common Neutrosophic Metric space fixed point theorems with properties.	Communications on Applied Nonlinear Analysis.	1074-133x, Vol No: 10s.	2025
Dr. S. Sabarinathan	An Extensive Study on Generalized Rough Closed Sets in Rough Topological Spaecs	International Journal of Applied Mathematics	ISSN: 1311-1728, Vol. 38, 2025, no 10s	2025
Dr. S. Sabarinathan	Mathematical Foundations for Secure Computing, Data Science and AI: Applications of Algebra, Differential Equations, Numerical Methods and Optimization	Machine Intelligence Researach	ISSN: 2731-5398 Vol. 19 No. 01, 2025	2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Dr.R.Selvarani/ASP2/Maths	AICTE Recognized Faculty Development Programme:Fuzzy Optimization Techniques: New Trends	17.02.2025 to 22.02.2025 Sethu Institute of Technology
	One week National – Level Online worksop “Sagemath for Mathematicians – Unlocking Advanced Computation”	03.03.2025 to 07.03.2025 Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore.
	One day National level free e-workshop on “Introduction to Latex: A Powerful tools for Scientific writing”	04.03.2025 A.C.T Academy, Palakkad, Kerala.
	Five day National Level online Faculty Development Programme on “ Applied Mathematics in Real Time Problems”	05.05.2025 to 09.05.2025 Velammal College of Engineering and Technology, Madurai
Mrs. R.Kalaiselvi/AP/Maths	Five days Online Faculty Development Programme on “Innovations in Mathematical Sciences – Theory, Tools and Applications”.	20.01.2025 to 25.01.2025 SRM Madurai College for Engineering and Technology
	Six days Online Faculty Development Programme on “ Elevating Education through Faculty Programme”	17.02.2025 to 22.02.2025 Sri G.V.G. Vishalakshi College for Women
	AICTE Recognized Faculty Development Programme:Fuzzy Optimization Techniques: New Trends	17.02.2025 to 22.02.2025 Sethu Institute of Technology
	One week National – Level Online worksop “Sagemath for Mathematicians – Unlocking Advanced Computation”	03.03.2025 to 07.03.2025 Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore.
	One day National level free e-workshop on “Introduction to Latex: A Powerful tools for Scientific writing”	04.03.2025 A.C.T Academy, Palakkad, Kerala.
	Five day National Level online Faculty Development Programme on “ Applied Mathematics in Real Time Problems”	05.05.2025 to 09.05.2025 Velammal College of Engineering and Technology, Madurai
Mrs.M. Jansi Selvarani/AP/Maths	Online Training on “IEEE Explore”	22.02.2025 K.L.N College of Engineering, Pottapalayam
	Six days Online Faculty Development Programme on “ Elevating Education through Faculty Programme”	17.02.2025 to 22.02.2025 Sri G.V.G. Vishalakshi College for Women
	AICTE Recognized Faculty Development Programme:Fuzzy Optimization Techniques: New Trends	17.02.2025 to 22.02.2025 Sethu Institute of Technology
	One day National level free e-workshop on “Introduction to Latex: A Powerful tools for Scientific writing”	04.03.2025 A.C.T Academy, Palakkad, Kerala.

	Five day National Level online Faculty Development Programme on “ Applied Mathematics in Real Time Problems”	05.05.2025 to 09.05.2025 Velammal College of Engineering and Technology, Madurai
Mrs. M. NancyFemila/AP/Maths	Online Training on “IEEE Explore”	22.02.2025 K.L.N College of Engineering, Pottapalayam
	Six days Online Faculty Development Programme on “ Elevating Education through Faculty Programme”	17.02.2025 to 22.02.2025 Sri G.V.G. Vishalakshi College for Women
	AICTE Recognized Faculty Development Programme:Fuzzy Optimization Techniques: New Trends	17.02.2025 to 22.02.2025 Sethu Institute of Technology
	One day National level free e-workshop on “Introduction to Latex: A Powerful tools for Scientific writing”	04.03.2025 A.C.T Academy, Palakkad, Kerala.
	Five day National Level online Faculty Development Programme on “ Applied Mathematics in Real Time Problems”	05.05.2025 to 09.05.2025 Velammal College of Engineering and Technology, Madurai
Mrs.K.Sathya bama/AP/Maths	Online Training on “IEEE Explore”	22.02.2025 K.L.N College of Engineering, Pottapalayam
	Six days Online Faculty Development Programme on “ Elevating Education through Faculty Programme”	17.02.2025 to 22.02.2025 Sri G.V.G. Vishalakshi College for Women
	AICTE Recognized Faculty Development Programme:Fuzzy Optimization Techniques: New Trends	17.02.2025 to 22.02.2025 Sethu Institute of Technology
	One day National level free e-workshop on “Introduction to Latex: A Powerful tools for Scientific writing”	04.03.2025 A.C.T Academy, Palakkad, Kerala.
	Five day National Level online Faculty Development Programme on “ Applied Mathematics in Real Time Problems”	05.05.2025 to 09.05.2025 Velammal College of Engineering and Technology, Madurai
	One Nation One Subscription: Online IEEE Webinar	24.06.2025 K.L.N. College of Engineering
Mrs.R.Usha AP/Maths	Five days Online Faculty Development Programme on “Innovations in Mathematical Sciences – Theory, Tools and Applications”.	20.01.2025 to 25.01.2025 SRM Madurai College for Engineering and Technology
	Six days Online Faculty Development Programme on “ Elevating Education through Faculty Programme”	17.02.2025 to 22.02.2025 Sri G.V.G. Vishalakshi College for Women
	AICTE Recognized Faculty Development Programme:Fuzzy Optimization Techniques: New Trends	17.02.2025 to 22.02.2025 Sethu Institute of Technology
	One week National – Level Online worksop “Sagemath for Mathematicians – Unlocking Advanced Computation”	03.03.2025 to 07.03.2025 Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore.

	One day National level free e-workshop on “Introduction to Latex: A Powerful tools for Scientific writing”	04.03.2025 A.C.T Academy, Palakkad, Kerala.
	Five day National Level online Faculty Development Programme on “ Applied Mathematics in Real Time Problems”	05.05.2025 to 09.05.2025 Velammal College of Engineering and Technology, Madurai
	One Nation One Subscription: Online IEEE Webinar	24.06.2025 K.L.N. College of Engineering

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants	Co-ordinator	Photo
15.02.2025	Founder’s day Celebration – Online Quiz Competition		107 students of various school students	Dr.J.K.Subashini/Prof/HOD Dr.R.Selvarani/ASP2/Maths Dr.S.Sabrinathan/ASP/Maths Mrs.R.Kalaiselvi/AP/Maths Mrs.R.Usha/AP/ Maths Mr.G.Pushparajan/AP/	
25.02.2025	KLNCES HA Quiz contest		120 students of I year B.E/B.Tech for preliminary Quiz 16 students selected for final Quiz	Dr.J.K.Subashini/Prof/HOD Dr.R.Selvarani/ASP2/Maths Mrs R.Kalaiselvi /AP/Maths Mr.G.Pushparajan/AP/Maths Mrs.R.Usha/AP/Maths	
25.03.2025	Maths Club- ODYSSEY MATLAB Basic Course	Dr.J.K.Subashini/Prof/HOD	74 students of I year B.E/B.Tech	Dr.J.K.Subashini/Prof/HOD Dr.R.Selvarani/ASP2/Maths Mrs.R.Kalaiselvi/AP2/Maths Mrs.R.Usha/AP2/Maths Dr.S.Sabrinathan/ASP2 / Maths Mr.G.B.Kannan/AP2/Maths Mr.V.Anath/AP2/Maths	

				Mrs.Nancy Femila/AP2/Maths Mrs.K.Sathyabama/AP 2/Maths	
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Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1	M.JALEEL AHAMED	25.02.2025	Mathematics Quiz Contest	I	KLNCESH A–Science and Humanities Association organized National Science Day Celebration	I/B.E/CSE/A
	A.KANIMOZHI			II		I/ B.E/CSE /A
	DHARSHINI SRI. R					I/ B.TECH/IT/ A
	RASIGA. R					I/ B.TECH/IT/ B
	S.PRADEESHA			III		I/ B.E/ECE/B
	J.PRIYADHARSHI NI					I/ B.E/ECE/B

DEPARTMENT OF PHYSICS

Publications in International/National Journal

Dr. N.R. Ramanujam ASP1/Physics	Exploratory analysis of protein detection using refractive index in a one-dimensional ternary photonic crystal (February 2025)	Journal of Optics
	Numerical Design of a High-Sensitivity SPR Biosensor for Spike and Nucleoprotein RBD Detection in SARS-CoV-2 Diagnostics	IEEE Transactions on Plasma Science

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Dr.R.Geetha, ASP1/Physics M.Manjula devi, AP2/Physics D.Rajeswari, AP2/Physics S.Shobana Devi, AP2/Physics	The 5 day National level workshop on “ Frontiers In Chemical Research : Innovations And Applications”	February 17 to 21, 2025 Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai
D.Rajeswari, AP2/Physics S.ShobanaDevi, AP2/Physics	IEEE Xplore	13 th March 2025 KLNCE, Pottapalayam – 630 612
Dr.R.Geetha, ASP1/Physics D.Rajeswari, AP2/Physics S.ShobanaDevi, AP2/Physics	One Day International Webinar on “Design and Mechanism of Photothermal Soft Actuators and their Applications”	14 th March 2025, Vaigai College of Engineering, Madurai.44
Dr.R.Geetha, ASP1/Physics M.Manjula devi, AP2/Physics	NPTEL–AICTE Faculty Development Program on Properties of Materials (Nature and Properties of Materials : III)	February – April 2025

D.Rajeswari,AP2/Physics	Five Days International FDP (Online) on “Nanotechnology in Environmental Sustainability for Tomorrow(NEST’25)”	From 01.04.2025 to 05.04.2025 Velammal College of Engineering and Technology(Autonomous), Madurai
	Five Day National level Faculty Development Program on “Future –Ready Teaching Tools, Techniques, and Transformations for Effective learning”	From 29.05.2025 to 03.06.2025 Sri Venkateswara College of Engineering & Technology (Autonomous) Chittoor – 517127.
Dr.R.Geetha, ASP1/Physics M.Manjula devi, AP2/Physics S.Shobana Devi, AP2/Physics	Two weeks Faculty Development Program on “Advancing Hydrogen Energy Frontiers: Artificial Intelligence, E-Mobility and Sustainable Green Technologies”	7 th April to 17 th April 2025 Digital India Power to Empower

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants
24.02.2025	National Science Day 2025 (KLNCESHA) & Industry Institute Partnership Cell (IIPC) jointly organize in Physics Department “RECENT APPLICATIONS OF NEW ENGINEERING MATERIALS FOR SUSTAINABLE DEVELOPMENT”		60
14.03.2025	A Scientific model concept	Technozare – 2K25	All branch- I Year
23.04.2025	Guest Lecture conducted by Department of physics under KLNCESHA “Basic to Industrial processing of Solar Cells”	Guest Lecture Dr.M. Jeyanthinath, Associate Professor, Department of Material science. School of Chemistry, Madurai Kamaraj University.	I Year CSE-A & CSE-B

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award (Elite/Silver/Pass)
Dr.R.Geetha, ASP1/Physics M.Manjula devi, AP2/Physics	Properties of Materials (Nature and Properties of Materials : III)	Feb–Apr 2025	IIT,CHENNAI	Elite
S.Shobana Devi, AP2/Physics	Atomic and Molecular Physics	Jan-Apr2025	IIT,CHENNAI	Elite

DEPARTTMENT OF CHEMISTRY

Publications in International/National Journal

1. Meenakshireddy R, Piramanayagam P, Sabrinathan G and Dinesh Babu R “Perspectives of 3D-Printed Polylactic based composites Reinforced with natural Fibers” *STM Journals*, Volume 13,Page 649-664. SDG Mapping:4,9,2025.
2. Meenakshireddy R, Piramanayagam P, Sridharan M and Dinesh Babu R “Thermo-Mechanical and Electrical Properties of Multi-Walled Carbon Nanatube-Enhanced Polyimide Composites for Aerospace Thermal Protection systems” *STM Journals*, Volume 13, Page 966-982. SDG Mapping: 4, 9, 2025.
Publications in International/National Conference
3. Dr.P.Piramanayagam and Mrs. R. Iswarya,” 2nd International Conference on Materials and Applied Science for Society (ICMASS-2025)”, *Alagappa Government Art College, Karaikudi*, march,2025
4. Mrs. R.Seethalaksmi and Mrs.T.Kartheeswari,” International Conference on Synthesis Characterization of ZnO nano particles via green synthesis” *Thiagarajar College, Madurai*, march,2025.
5. Mrs. R.Niraimathi and Mrs. A.Kalaiyarasi,” International Conference on Biologically Active Molecules (ICBA)”, *Saraswathi Narayanan College, Madurai*, march 2025.

Patents Filed / Published / Granted

S. No	Name of the Inventor(s)	Title of the Patent	Patent Number	Status (Filed / Published	Granted	Year
1.	Dr. P. Piramanayagam	Advancing teaching and learning through machine learning in Higher Education with the emerging need for pedagogical intelligence.	202541007620	Published	No	2025
		Machine learning based stress prediction among students in Higher Education through Psychometric assessments.	202541007621	Published	No	2025
		Machine learning-Assisted optimization of Er-Doped BiFeO ₃ Nanoparticles for Enhanced Solar-Driven.	202541019467	Published	No	2025
		Machine learning-Driven analysis of the Photocatalytic behavior of Cr-Doped Bismuth ferrite nanoparticles.	202511039277	Published	No	2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Mrs. O.D.Shakila HOD /ASP	International Webinar Series on Emerging Technology in sustainable Energy and Green Technology	7 th - 8 th Jan.2025 / SRM , Madurai
Mrs. R. Iswarya AP		
Mrs. R.Seethalaksmi AP		
Mrs. R.Niraimathi AP		
Mrs. T.Kartheeswari AP		
Mrs. A.Kalaiyarasi AP		

Short term courses /seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No.of Participants
21.02.2025	Sustainable Development in Environmental protection- Poster Presentation.	Dr.P.Piramanayagam and Mrs.R.Iswarya	41

Guest Lectures / Expert Talks Organized

S. No	Name of the Speaker	Topic	Organization	Institution	Date
1.	Dr.S.Sivailango	The Essential Role of Fluoride in Health And Wellness	Chemistry Department,KLNCE	KLNCE	12.04.2025

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award (Elite/Silver/Pass)
Dr.P.Piramanayagam AP	Physico-Chemical Processes for waste water treatment	Jan- April 2025	NPTEL	Successfully completed with Elite
Mrs.R.Iswarya AP	Physico-Chemical Processes for waste water treatment	Jan- April 2025	NPTEL	Successfully completed with Silver
	Characterization of Polymers Elastomers and Composite	Jan- April 2025	NPTEL	Successfully completed with Elite
Mrs.R.Seethalakshmi AP	Introductory Organic Chemistry - I	Jan- March 2025	NPTEL	Successfully completed with Silver
Mrs.R.Niraimathi AP	Characterization of Polymers Elastomers and Composite	Jan- April 2025	NPTEL	Successfully completed
Mrs.T.Kartheeswari AP	Introductory Organic Chemistry - I	Jan- March 2025	NPTEL	Successfully completed with Elite
Mrs. A.Kalaiyarasi	Characterization of	Jan- April 2025	NPTEL	Successfully

AP	Polymers Elastomers and Composite			completed
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Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1.	Ms.K.V. Punitha Ms.M.J. Shalini	VELVOM'25	Paper Presentation	III Prize	Department of Management Studies, Velammal College of Engineering and Technology, Madurai	2025
2.	Mr.S. Ashwin kumar Mr.Darshan and Mr.Sriram	Brain Strom	Paper Presentation	II Prize	MEPCO Schlenk College of Engineering.	2025

DEPARTMENT OF ENGLISH

Guest Lectures / Expert Talks Organized

S. No	Name of the Speaker	Topic	Organization	Institution	Date
1	Dr. A. Raviakkumar, Prof. & Head, Department of English	Importance of Grammar for Work Place Communication	-	Solaimalai College of Engineering, Madurai	17.04.2025

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award (Elite/Silver/Pass)
Mr. K. Sarangan / AP	Student Psychology	8 weeks	NPTEL - Swayam	PASS

MASTER OF BUSINESS ADMINISTRATION

Publications in International/National Journal

1. B.Shanthi&T.Shobana Devi Breaking Barriers: Strategies and Outcomes of Women and Minorities in Leadership Roles Journal Publication – Published in International Journal of Creative Research Thoughts (IJCRT),7.97 Impact Factor by Google Scholar Volume 13 Issue 1 January 2025 ,ISSN: 2320-2882 UGC Approved Journal No: 49023 (18)PAPER ID : IJCRT2501601Registration ID : 276095An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal- Jan 2025
2. T.Shobana Devi Smart Consumer Segmentation in Digital Retail:Implications for Sustainability Journal Publication – Published in International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)Impact Factor: 8.699 Volume 14, Issue 4, April 2025 ISSN (Online): 2319-8753 ISSN (Print): 2347-6710 April 2025

Publications in International/National Conference

1. Dr.T.Jothimurugan&T.Shobana Devi From Likes to Buys : How social media influencers are redefining E-

Commerce and Consumer choice ISSN (Online): 3008-0711 Volume: 02 | Issue 04 | 2025 Journal homepage: <https://jmsr-online.com/> at Solamalai College of Engineering, Madurai

2. B.Shanthi T.ShobanaDevi Reaching Millennials with Smart Digital Marketing for Financial Services using Emerging Technology Presented a paper in International Conference on Recent Advances & Innovations in Science, Engineering, Technology and Management(ICRAISETM-25) at Solamalai College of Engineering, Madurai
3. M.Krishnaveni&M.Aathry Improving manpower and Skill acquisition challenges of young Entrepreneurs Presented a paper in International Conference on Recent Advances & Innovations in Science, Engineering, Technology and Management(ICRAISETM-25) at Solamalai College of Engineering, Madurai
4. Dr.R.S.Balasenthil Predictive Analysis of Financial Markets using Machine Learning Presented a paper in International Conference on Frontier Technologies and Solutions (ICFTS), Chennai & Published by IEEE Xplore .Electronic ISBN: 979-8-3315-0276-8 DOI: 10.1109/ICFTS62006.2025.11031616 June 2025

Books / Book Chapters Published

S. No	Name of the Author(s)	Title of the Book	Chapter	Publisher	ISBN	Year
1.	Dr.R.S.Balasenthil	A Study on the Obstacles and Prospects of Economic Consequences of the Gig Economy	Chapter -2	IGI Global Scientific Publishing.	DOI : 10.4018/979-8-3373-1290-3 ISBN13: 9798337312903 ISBN13 Softcover: 9798337312910 EISBN13: 9798337312927	June 2025

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
T.Shobana Devi	Case Writing	11.04.25 & 12.04.25 & FDP – Two days workshop at Thiagarajar school of Management, Madurai
B.Shanthi T.ShobanaDevi & M.Krishnaveni	Data-Driven Research: Using SPSS Techniques and E- Views	10.03.2025 to 16.03.2025 Seven Days Virtual FDP[organized by SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamil Nadu, India

Student Achievements (Competitions / Hackathons / Sports / Cultural)

S. No	Name of the student	Title of the event	Competition	Achievement / Prize	Organized by	Year
1	Malarvizhi	SOURCOP 2K25	Adzap	Participated		
2	Poojashree	SOURCOP 2K25	Treasure Hunt	Participated		
3	Shalini	SOURCOP 2K25	Treasure Hunt	Participated		
4	Ukkasha Yasin	SOURCOP 2K25	Treasure Hunt	Participated		
5	Dinesh kumar	SOURCOP 2K25	Treasure Hunt	Participated		
6	Santhosh Rao	SOURCOP 2K25	Photography	Participated		
7	Kruthika	SOURCOP 2K25	Adzap	Participated		
8	Jeya Priya	SOURCOP 2K25	Adzap	Participated		
9	Afreen	SOURCOP 2K25	As you like it	Participated		
10	Nisha	SOURCOP 2K25	Adzap	Participated		

11	Om Abishek Kumaran	SOURCOP 2K25	Quiz	Participated	Sourashtra College	Feb 2025
12	BalaMurugan	SOURCOP 2K25	Quiz	Participated		
13	Gangadharan	SOURCOP 2K25	Quiz	Participated		
14	Sudharshan	SOURCOP 2K25	Quiz	Participated		
15	Preethika	SOURCOP 2K25	Treasure Hunt	Participated		
16	Harshini	SOURCOP 2K25	Treasure Hunt	Participated		
17	Hemavathi	SOURCOP 2K25	Treasure Hunt	Participated		
18	Nigila	SOURCOP 2K25	Treasure Hunt	Participated		
19	Gayathri	SOURCOP 2K25	Treasure Hunt	Participated		
20	Bagavathi	SOURCOP 2K25	Rangoli	Participated		
21	Shalini	SOURCOP 2K25	Rangoli	Participated		
22	Shirapthi	SOURCOP 2K25	Photography	Participated		
23	MuthuSelvi	SOURCOP 2K25	Paper Presentation	Participated		
24	Raja kenithPandian	SOURCOP 2K25	Paper Presentation	Participated		

Industrial Visits

Year/Sem	Date	Industry Visited
2023-2025 /II	03.04.2025	Visit at shan industry 

MASTER OF COMPUTER APPLICATIONS

Publications in International/National Conference

Mr. P Ganesh and Mrs. K Soundarya presented a paper “A Gradient Optimized Deep Learning Model for Botnet threat Detection” International Conference on Artificial Intelligence, 6G Communication and Network Technologies (ICA6NT 2025) Organized by ECE department of Velammal Institute of Technology, Chennai on 17th March 2025.

Short term courses/seminar/symposium attended by the Faculty Members:

Name and Designation of the Faculty Member	Seminar/Workshop/Course Attended	Date/Place
Dr MR Ilango	Online FDP attended for the NPTEL Course “Data Mining”	Jan’25 to Mar’25 NPTEL SWAYAM
Dr C Ashok Babura / ASP	Online FDP attended for the NPTEL Course “Data Mining”	Jan’25 to Mar’25 NPTEL SWAYAM
Mr.R.Somas Kandan	Online FDP attended for the NPTEL Course “Data Mining”	Jan’25 to Mar’25 NPTEL SWAYAM
Mr. K. Tamil Selvam	Online FDP attended for the NPTEL Course “Data Mining”	Jan’25 to Mar’25 NPTEL SWAYAM
	Online Webinar on IEEE Xplore	22.02.2025

Mr. K. Tamilselvam		EBSCO Information Services India Pvt. Ltd
Mrs. K. Soundarya	Online Webinar on IEEE Xplore	22.02.2025 EBSCO Information Services India Pvt. Ltd

Staff Achievements/Recognition/Honours

Name and Designation of the Staff Member	Achievements of Staff/Recognition/ Honors	Date/Place
Mr.P.Ganesh Babu	Subject Expert for the Board of Studies in Information Technology department in YADAVA College	28.03.2025 at YADAVA COLLEGE
Mr.P. Ganesh Babu	Paper Presentation in International Conference – ICA6NT 2025	27th and 28th March 2025 Velammal Institute of Technology, Chennai
Mrs. K Soundarya	Paper Presentation in International Conference – ICA6NT 2025	27th and 28th March 2025 Velammal Institute of Technology, Chennai

NPTEL Online Certification Courses (Faculty Members)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award (Elite/Silver/Pass)
Dr M R Ilango - DIRECTOR	“Data Mining”	January 2025 to March 2025	NPTEL	– Elite + Silver with 82% of Marks
Dr C Ashok Babura / ASP	“Data Mining”	January 2025 to March 2025	NPTEL	ELITE
Mr.R.Somas Kandan	“Data Mining”	January 2025 to March 2025	NPTEL	ELITE
Mr K Tamilselvam	“Data Mining”	January 2025 to March 2025	NPTEL	Elite

Student / Faculty Project Details (Mapped with SDG Goals)

S. No	Title of the Project	Name of Student(s) / Faculty	Guide / Supervisor	Brief Description	Mapped with SDG Goal	Year
1	AI BASED STUDY PLANNER	S.Padmapriya	Mr.P.Ganesh Babu	It helps students to plan their study through AI Tools	Goal 4: Quality Education	2024
2	Health Care System	T.R.Kowsalya	Mr.R.Somaskandan	It allows patients to consult doctors through online in order to save time	Goal 3: Good Health and well being	2024

