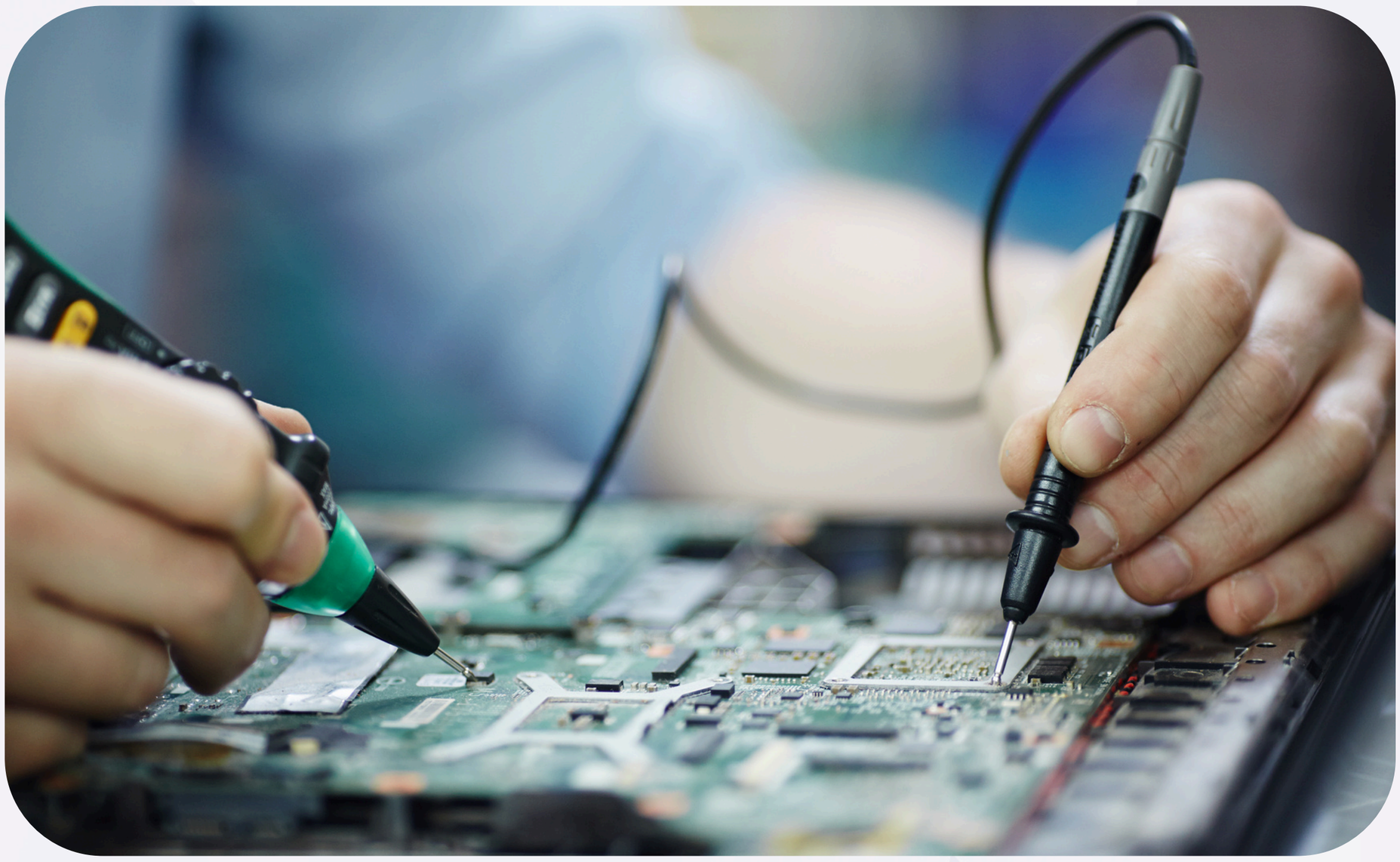
SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CHIPS



JAN'25 - DEC'25
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About the Institution

Shree Venkateshwara Hi-tech Engineering College, gifted with a serene atmosphere is located at Othakuthirai, near Gobichettipalayam, Erode. The College was founded by Shree Venkateshwara Educational and Charitable Trust in the year 2008 with the divine aim of educating the students of rural background. The College inculcates in students both technical and innovative skill scattering to the dire need of the present scenario. It imparts professionalism and critical thinking in them for a dynamic engineering Career. It sensitizes the students to uphold academic excellence and become technically competent.

PATRON



Thiru K.C. KARUPANAN
SECRETARY / SVHEC



Thiru. P. VENKATACHALAM
CHAIRMAN / SVHEC



Dr. P. THANGAVEL, ME MBA PhD
PRINCIPAL / SVHEC

VISION

- Emerge as a Premier Institute for Technical Education.

MISSION

- Provide quality technical education through innovative teaching learning process with state-of- the-art infrastructure facilities and laboratories.
- Produce competent professionals by inculcating employability skills, leadership skills, communication skills with social responsibilities and ethical values.
- Provide holistic learning ambiance that stimulates students of highest caliber with scientific temper, values, ethics and team spirit.
- Perform quality research to solve technological/engineering problems related to industry and society

Editor – in - Chief

Dr. R.S.KAMALAKANNAN

HOD/ECE

Co Editors

Staff:

Ms. M. Sunandini, AP/ECE

Student Editors

Mr.M.Nithish, IV/ECE

Mr.M.S.SANJEEVI,IV/ECE

Mr.T. KALAIVENTHAN, III/ECE

Ms.V.KAVIYASRI, III/ECE

Mr.T.S.ASHIK, II/ECE

Ms.K.KAVIYA, II/ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ABOUT

ELECTRONICS AND COMMUNICATION DEPARTMENT

The Electronics and Communication Engineering Department was established in the year 2008. The department offers Undergraduate (BE-ECE), & Post Graduate (ME-Applied Electronics) programmes, that provide students with the knowledge and toolsthey need to succeed in the ECE. After the completion of the course, lots of opportunities are there in various fields of Telecommunication Networks and Embedded System, Signal & Image Processing, VLSI Design etc. to expose the students to the world of technology and produce graduates fully equipped to achieve the highest personal and professional standards for Industry application and in higher studies. The Department has built an excellent reputation for its graduates in terms of placements

VISION

► ProducecompetentElectronicsandCommunicationEngineeringprofessionals with scientific temper, values, ethics, team spirit and capabilities to face new challenges

MISSION

► Provide conducing learning environment with state-of-the-art infrastructure facilities, laboratories and teaching learning systems.

► Produce skilled Electronics and/or Communication Engineers with skills towards employability, leadership, communication skills with social responsibilities and ethical values

► Inculcate Professional skills to function as proficient engineers and designers capable of building sustainable equipment/systems and infrastructure for the society.

► Promote research and development activities in the rapidly changing technologies related to Electronics and Communication Engineering and allied domains.

Program Educational Objectives (PEOs)

1. **Successful career**-To enable graduates have a successful career in academia or industries associated with Electronics and Communication Engineering, or as entrepreneurs
2. **Foundational concepts**-To provide students with strong foundational concepts and also advanced techniques and Tools in order To enable them To build solutions or Systems of varying complexity.
3. **Analyze Methodology** - To prepare students To critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies To solve the problems identified.

Program Outcomes(POs)

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization To the solution of complex engineering problems.
2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information To provide valid conclusions.
5. **Modern Tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT Tools including prediction and modeling To complex engineering activities with an understanding of the limitations.
6. **The engineer and society**: Apply reasoning informed by the contextual knowledge To assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant To the professional engineering practice.
7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit To professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

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

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these To one‘s own work, as a member and leader in a team, To manage projects and in multidisciplinary environments.

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

PROGRAMME SPECIFIC OUTCOMES(PSOs)

PSO1: Core skills – Apply knowledge and skills to analyze, Design and develop analog and digital circuits for a electronics applications.

PSO2: Problem solving skills – Ability to Design and implement the approaches to solve challenges in the field of communication, signal processing, VLSI and Internet of Things (IoT).

PSO3: Professional career – Adapt to emerging Information and communication technologies (ICT) and develop innovative solutions for existing and newer problems.

DEPARTMENT OF ELECTRONICS&COMMUNICATION ENGINEERING

DEPARTMENTAL ACTIVITIES - SEMINARS / WORKSHOPS / ASSOCIATIONFUNCTION / TECHNICAL SYMPOSIUM

S.No	Name of the Programme	Date &Venue	Title of theProgramme	ChiefGuest
1	Vocational Educational Training	10-12-2024 To 18-01-2025	Advanced LIFI Technology	Mr.M.Gobalakrishnan & Ms.S.Ayisha
2	Value AddedCourse	28-02-2025 To 29-03-2025	Internet of Things (IOT) with Raspberry Pi	Mr.R.Prahakaran & Ms.S.Ayisha
3	CertifiedCourse	03-03-2025 To 22-03-2025	Modern Electronics Instrumentation	Dr.R.S.Kamalakannan & Mr.C.Alakesan
4	IETESeminar	20-03-2025	Signal Processing and Machine learning	Dr.S.M.Ramesh, Professor,KPR institute of Engineering and Technology, Coimbatore
5	National level technical symposium	21-03-2025	TECHNOVANZA 2K25	Mr.Anjen Fernado, Manager, Aggregate Intelligence, Coimbatore
6	VocationalEducationalTraining	18-06-2025 To 24-06-2025	Communication using LoRaWAN	Ms. G.S.Nandhini & Ms.Sunandini
7	CertifiedCourse	14-07-2025 To 31-07-2025	Basics of Sensors and its Wearable Application	K.Ramesh Babu, Senior Automation Engineer/Caliber Virtual Technology, Erode.
8	Value Added Course	14-07-2025 To 31-07-2025	FPGA Programming and applications in digital system	Mr.M.Parthiban Technical Manager, Caliber Embedded Technologies India Pvt. Ltd, Coimbatore
9	IETESeminar	21-08-2025	FPGA based Accelerators for AI and Machine Learning	Mr.K.Dhevendhiran HR / Team Leader, Mobitech Wireless, Perudurai.
10	IETESeminar	23-09-2025	6G-Enabled Internet of Everything (IoE): The Future of Intelligent Connectivity	Mr.M.Parthiban Technical Manager, Caliber Embedded Technologies India Pvt. Ltd, Coimbatore



Vocational Education and Training on Advanced LIFI Technology held on 10-12-2024 to 18-01-2025



Value Added Course on Internet of Things (IOT) with Raspberry Pi was was held on 28-02-2025 to 29-03-2025



Certified Course on Modern Electronics Instrumentation was held on 03-03-2025 to 22-03-2025



IETE Seminar on Signal Processing and Machine learning was held on 20-03-2025



National level technical symposium TECHNOVANZA 2K25 was held on 21-03-2025



Vocational Education and Training on Communication using LoRaWAN was held on 18-06-2025 to 24-06-2025



Certified Course Basics of Sensors and its Wearable Application was held on 14-07-2025 to 31-07-2025



Value Added Course on FPGA Programming and applications in digitalSystem was held on 14-07-2025 to 31-07-2025



IETE Seminar on FPGA based Accelerators for AI and Machine Learningwas held on 21-08-2025



IETE Seminar on 6G-Enabled Internet of Everything (IoE): The Future of Intelligent Connectivity was held on 23-09-2025

STAFF PARTICIPATION - SEMINARS / CONFERENCES / PAPER PRESENTATIONS / WORKSHOPS

S.No	Nature of the Programme	Name of the Staff	Title of the Programme	Date	Venue
1	ATAL-FDP	Dr.V.Saminathan	Innovative VLSI Paradigms: MEMS, 3D ICs, and AI-Driven Design	06-01-2025 To 11-01-2025	Vidya Vikas Institute of Engineering & Technology
2	ATAL-FDP	Mr.M.S.P.Karthikraja	Sustainable Biofuels from Agri and Agro-Industrial Wastes by Microbes	24-02-2025 To 01-03-2025	Shree Venkateshwara Hi Tech Engineering College
3	FDP	Mr.M.Goblakrishnan, Mr.K.Balakrishnan	Teaching ECE Lab subjects using free Simulators	03-03-2025 To 07-03-2025	NITTTR- Chandigarh
4	FDP	Mr.K.Balakrishnan	AI Enhanced Education	26-06-2025	Eswar College of Engineering
5	ATAL-FDP	Dr.V.Saminathan, Dr.R.S.Kamalakannan, Mr. C. Alakesan, Ms. S. Ayisha, Mrs..G. Revathi, Mrs.M. Sunandini	AI Assisted Development of Fast & Secure IOT (Internet of Things) for Agriculture and Textile Industries	18-08-2025 To 23-08-2025	SSM College of Engineering
7	ATAL-FDP	Mr.K.Balakrishnan	Semiconductor Design for Real World AI Applications	15-09-2025 To 20-09-2025	Bannari Amman Institute of Technology
8	FDP	Mr.K.Balakrishnan, Ms. S. Ayisha, Dr.R.S.Kamalakannan,	Machine Learning Models for Intelligence Signal and Image Processing	13-10-2025 To 18-10-2025	Vel Tech Multi Tech
9	ATAL-FDP	Mr.K.Balakrishnan	AI/ML-Based Reconfigurable Antenna Design for Next-Generation Wireless Communication	27-10-2025 To 01-11-2025	Karunya Institute of Technology and Sciences

JOURNAL PUBLICATIONS

S.No	Name of the Author	Title of the Journal	Journal Name
1	Dr.R.S.Kamalakannan	An optimized resource allocation in cloud using prediction enabled reinforcement learning	Scientific Reports
2	Dr.R.S.Kamalakannan	Enhancing electric vehicle charging station utilization by reducing users waiting times through WOA-GLNN approach	Electrical Engineering

CONFERENCE

S.No	Name of the Author	Title of the Conference	Title of the Programme
1	Dr.C.M.Preethi	Published in 2nd International Conference on Innovative Research in Engineering Sciences	Auto Encoder-Based Detection of Insulin Pump Faults in Type 1 Diabetes Treatment
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
2	Dr.V.Saminathan	Published in 2nd International Conference on Innovative Research in Engineering Sciences	Electric Vehicle Battery Management System by using Deep Learning Model Cloud based Approach
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
3	Dr.R.S.Kamalakannan	Published in 2nd International Conference on Innovative Research in Engineering Sciences	AI-Driven Electrical Safety Emergency Response System With GSM and GPS
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	

4	Mr.C.Alakesan	Published in 2nd International Conference on Innovative Research in Engineering Sciences	AI & IOT Based Powered Leaf Health Monitoring System
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
5	Mr.R.Prabhakaran	Published in First International Conference on Computing Solutions Sustainable Development - ICCSSD - 25	Mountain Climbers Location and Health Condition Detection Device using Machine to Machine Communication
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
6	Mr.P.Suresh	Published in International Conference on Advanced Science and Engineering Research - ICASER 2025	Embedded AI for Real Time Anomaly Detection in Zigbee
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
7	Mr.K.Prakash	Published in International Conference on Advanced Science and Engineering Research - ICASER 2025	Smart Grid System using Solar Panel with IOT Monitoring
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
8	Ms.S.Ayisha	Published in 7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Intelligent waste Management System for Smart Cities using IOT
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
		Published in 2nd International Conference on Innovative Research in Engineering Sciences	Smart IOT enabled Adaptive Irrigation System with Arima based Soil Moisture Forecasting
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
9	Mr.P.P.Janarthanan	Published in International Conference on Advanced Science and Engineering Research - ICASER 2025	IOT enabled Machine Learning Models for Efficient Monitoring of Smart Agriculture
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
10	Mr.K.Balakrishnan	Published in 7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 202	AI-Driven Adaptive Battery Management System
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
11	Mrs.G.S.Nandhini	Published in 7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Smart Farming Connectivity using Visible Light Communication in Green House Environments
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
		Published in 7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Tactical Rescue Analysis System using IOT
12	Mrs.M.Sunandini	Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	IOT Enabled Anesthesia Monitoring and Control System
		Published in 2nd International Conference on Innovative Research in Engineering Sciences	
		Published in International Conference on Advanced Science and Engineering Research - ICASER 2025	Smart Baby Monitoring Cardel System using Internet of Things
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	

13	Mr.M.Gobalakrishnan	Published in 2nd International Conference on Innovative Research in Engineering Sciences	Embedded vision system for Drowsy Driving Detector using ESP32 CAM and Arduino
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
14	Mrs.G.Revathi	Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	Design And Implementation of IOT based Smart Helmet for Road Accidnet avoided and Using Zigbee
		Published in 7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	
		Published in 4 th National Conference on Recent Advances in Communicative Electronics NCRACE -2025	IOT based Medical Box for Health Monitoring and Emergency alerts
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
15	Mr M.S.P.Karthikraja	Published in International Conference on Advanced Science and Engineering Research - ICASER 2025	Wireless Landslide Hazard Prediction using Lora And AI-Driven Sensor Data Analysis in Remote Areas
		Published in National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	

PUBLICATION OF BOOK CHAPTERS

S.No	Name of the Faculty	Title of the Book	Book/ Book chapter Details	Year & Month	Publication details
1	Ms.G.Revathi	Data and Information Security	Book	Feb 2025	ISBN : 978-93-6260-402-6

STAFF NPTEL CERTIFICATION

S.no	Name of the Faculty	Subject Name
1	Dr. V. Saminathan	Bio-Medical Instrumentation
2	Dr. R. S. Kamalakannan Ms. S.Ayisha Mrs. M.Sunandini	Modern Digital Communication Techniques
3	Dr. R. S. Kamalakannan Ms. S.Ayisha Mr. K.Balakrishnan	Accreditation and Outcome Based Learning
4	Mr. C.Alakesan Mrs. G.Revathi	Digital Circuits
5	Mr. K.Balakrishnan	Embedded and IOT

STUDENT PARTICIPATION - SEMINARS / CONFERENCES / PAPER PRESENTATION

S.No	Nature of the Programme	Name Of The Student	Date	Prize	Venue	Title of the Programme
1	Paper Presentation	Naveen M, Rajkumar.S	06-02-2025 To 07-02-2025	-	Karpagam Institute of Technology	Microprocessor on Based Technologies
2	Paper Presentation	Rajasekar.M, Nandhakumar.S	06-02-2025 To 07-02-2025	-	Karpagam Institute of Technology	AR and VR Technology

3	Symposium	Nivas A	16-03-2025	II	Jai Shriram Engineering College	Sight-on-Site
4	Seminar	Divya Bharathi B, Priyadharsan K	19-03-2025	-	Excel Engineering College	Energy Efficient IOT Solutions for Greenhouse Automation
5	Symposium	Nivas A, Anthonyraj V	25-03-2025 To 26-03-2025	I	Kangeyam group of institutuons	Circuit Design
6	Symposium	Anthonyraj V	25-03-2025 To 26-03-2025	-	Kangeyam group of institutuons	General Quiz, Poster Making, Workshop on AI tools, Code Fest, Workshop on IOT, Circuit Debugging
7	Symposium	Kaviya Sri N	25-03-2025 To 26-03-2025	III	Kangeyam group of institutuons	Singing Battle
8	Symposium	Kaviya Sri V	25-03-2025 To 26-03-2025	II	Kangeyam group of institutuons	Dance Battle
9	Symposium	Kaviya Sri V, Libiga M	25-03-2025 To 26-03-2025	III	Kangeyam group of institutuons	Group Dance
10	Paper Presentation	Bharanitharan E, Jayasurya K	29-03-2025	-	Audisankara College of Engineering and Technology	Quantum computing and its potential
11	Symposium	Shreehari M, Suryaprakash I	10-04-2025	-	B V Raju Institute of Technology	Circuitrix
12	Paper Presentation	Karthika V, Kowsika E	05-04-2025	II	Nandha College of Technology	Future generation wireless networks, such as 6G
13	Symposium	Sudharsan S, Arulguhan G V, Ranjithkumar P	05-04-2025	II	Nandha College of Technology	Technical Quiz
14	Symposium	Vidhya Bharathi J, Naveena A, Jeevarakshini K	05-04-2025	II	Nandha College of Technology	Crack the music
15	Symposium	Jeevaa T A, Kavin R, Koshigan S	05-04-2025	I	Nandha College of Technology	Field of Battle
16	Conference	Naveen V Sathya K Subash P	10-04-2025 To 11-04-2025	-	4 th National Conference on Recent Advances in Communicative Electronics NCRACE -2025	IOT based Medical Box for Health Monitoring and Emergency Alerts
17	Conference	Dhilip N Pradeepkumar K Saravanan P	11-04-2025 To 12-04-2025	-	Arjun college of technology - 7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	AI-Drivan Adaptive Battery Management System
		Dharunsundharesan K Indhuja M John Peter R				Smart Farming Connectivity using Visible Light Communication in Green House
		Aravindh J Prabhakararaaj J B Sakthivel K				Intelligent Waste Management System for Smart Cities Using IOT
		Kalaivani N Navaventhan A Sandhiya S				Tactical Rescue Analysis System using IOT
18	Symposium	Manimegala M, Nivas A	16-04-2025	I	SSM College of Engineering	Fox Hunting Signal Tracking

19	Symposium	Anthonyraj V, Giridharan G	16-04-2025	II	SSM College of Engineering	Technical Quiz
20	Symposium	Karthika.V Kowsika. E	16-04-2025	II	SSM College of Engineering	Future generation wireless networks, such as 6G
21	Workshop	Ashik T S, Balaji J, Balamuthiyan M, Perumal Dinesh K, Vishnupriya M, Manimegala M, Nivas A	22-08-2025	-	Vellore Institute of Technology	Embedded System Architecture and ARM Processor
22	Seminar	Suryaprakash I	22-09-2025 To 23-09-2025	-	Sona College of Technology	Intelligent Drones in Industry 7.0, AI, And IOT : Driving the Future of Engineering
23	Paper Presentation	Naveena S, Navya C M	25-09-2025 To 26-09-2025	-	Sengunthar Engineering College	Smart Agri Protection using Multi Sensor
24	Paper Presentation	Jeevaa T A, Karthika V, Kavin R, Koshigan S, Kowsika E, Naveenkumar N	25-09-2025 To 26-09-2025	-	Sengunthar Engineering College	Grating Light Valve Display Technology
25	Seminar	Abinaya M, Giridharan G, Jeevitha M, Logendhiran S, Nivetha M, Priya Dharshini R, Saruhashini K, Shalini V	07-10-2025 To 08-10-2025	-	Erode Sengunthar Engineering College	Credible UAV Surveillance System for Smart Border Management with Real Time Intelligence and Counter Threat Response
26	Symposium	Kaviyasri N, Kaviyasri V, Libiga M, Rajalakshmi E	24-10-2025	-	Nandha College of Technology	Slide Desh
27	Workshop	Dhileepkannan S, Giridharan G, Gurumoorthi C	24-10-2025	-	Nandha College of Technology	Design Thinking
28	Conference	Manimegala M, Nivas A	27-10-2025 To 28-10-2025	-	Vellore Institute of Technology	Advances in Digital Transformation

STUDENT PARTICIPATION – CONFERENCES

S.No	Name of the Author	Date	Title of the Conference	Title of the Programme
1	Naveen V Sathya K Subash P	10-04-2025 To 11-04-2025	4 th National Conference on Recent Advances in Communicative Electronics NCRACE -2025	IOT based Medical Box for Health Monitoring and Emergency Alerts
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
2	Dhilip N Pradeepkumar K Saravanan P	11-04-2025 To 12-04-2025	7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	AI-Drivan Adaptive Battery Management System
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
3	Dharunsundharesan K Indhuja M John Peter R	11-04-2025 To 12-04-2025	7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Smart Farming Connectivity using Visible Light Communication in Green House Environments
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
4	Aravindh J Prabhakararaaj J B Sakthivel K	11-04-2025 To 12-04-2025	7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Intelligent Waste Management System For Smart Cities using IOT
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	

5	Kavinkumar S Nirenthiran N Prema B	11-04-2025 To 12-04-2025	7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Design And Implementation of IOT Based Smart Helmet for Road Accident Avoided and using Zigbee
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
6	Kalaivani N Navaventhan A Sandhiya S	11-04-2025 To 12-04-2025	7 th International Conference on Smart Technologies and Innovations in Education and Research - STIER - 2025	Tactical Rescue Analysis System using IOT
7	Rajesh R Vigneshkumar S Dineshkumar S	17-04-2025	International Conference on Advanced Science and Engineering Research - ICASER 2025	Wireless Landslide Hazard Prediction using Lora and AI-Driven Sensor Data Analysis in Remote Areas
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
8	Karthikeyan K Snega M	17-04-2025	International Conference on Advanced Science and Engineering Research - ICASER 2025	IOT enabled Machine Learning Models for Efficient Monitoring of Smart Agriculture
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
9	Disha V Vijayaprabhakaran K Mahendran V	17-04-2025	International Conference on Advanced Science and Engineering Research - ICASER 2025	Embedded AI for Real Time Anomaly Detection in Zigbee
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management NCITSETM - 25	
10	Nithya S Vignesh T Vijayasri S	17-04-2025	International Conference on Advanced Science and Engineering Research - ICASER 2025	Smart Grid System using Solar Panel with IOT Monitoring
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
11	Arthi S Kirubakaran S Shanmugapriyan R	17-04-2025	International Conference on Advanced Science and Engineering Research - ICASER 2025	Smart Baby Monitoring Cardel System using Internet of Things
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
12	Anbazhagan A Janani M Preethika B	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	Smart IOT enabled Adaptive Irrigation System with Arima Based Soil Moisture Forecasting
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
13	Gayathri N Krishnaveni V Mohanraj V	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	AI & IOT based Powered Leaf Health Monitoring System
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
14	Keerthi S Khalid Ahamed M Mounika V	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	Electric Vehicle Battery Management System by using Deep Learning Model Cloud based Approach
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
15	Gokulraj D Nagajayaruba K S Suganya R	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	AI-Driven Electrical Safety Emergency Response System with GSM and GPS
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	

16	Naveena S Shwathi U V Sridhar V	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	Auto Encoder-Based Detection of Insulin Pump Faults in Type 1 Diabetes Treatment
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
17	Jana Sarathi S Sakthivel C Tamilselvan P	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	Embedded Vision System for Drowsy Driving Detector using Esp32 CAM and Arduino
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
18	Jayasri M Sathiya A Sathish P	23-04-2025	2nd International Conference on Innovative Research in Engineering Sciences	IOT enabled Anesthesia Monitoring and Control System
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	
19	Kaviya R Loganathan S Srilekha R	25-04-2025 To 26-04-2025	First International Conference on Computing Solutions Sustainable Development - ICCSSD - 25	Mountain Climbers Location and Health Condition Detection Device using Machine to Machine Communication
		14-05-2025 To 15-05-2025	National Conference on Innovative Trends in Science, Engineering, Technology and Management - NCITSETM - 25	

STUDENT NPTEL CERTIFICATION

S.no	Student Name	Subject Name
1	Abinaya.M	C-Based VLSI design
2	Anupriya.K Naveena.A Vidhyabharathi.J Kavin.S Firozkhan.A	Analog Communication
3	Nethra.S.L Nalinasri.K	Introduction to Semiconductors

INPLANT TRAINING ATTENDED

S-No	Batch	Student Name	Company Name	No. of Days		Inplant Training
				From	To	
1	2022-2026	S.Suriya	Venzpire Technology	19-06-2025 To 19-07-2025		Web Development
2	2022-2026	M.Abinaya U.Yogalakshmi T.Keerthana M.Mehavarshini K.Shalini	Techinta Company	19-06-2025 To 19-07-2025		Embedded in C
3	2022-2026	G.Ajayrathinam C.Gurumoorthi M.Dhivagar M.Naveen S.Ganga A.Selvasoundar	Nxt Gen Instruments	17-06-2025 To 17-07-2025		Embedded with IOT

4	2022-2026	A.Anthony Johnson V.Anthonyraj E.Bharanitharan S.Dhileepkannan G.Giridharan P.Gunasekaran K.Jayasurya M.Nithish A.Nivas S.Prasath M.Manimegala	Redcode Embedded Technologies	19-06-2025 To 19-07-2025	Embedded with IOT
5	2022-2026	A.Gopalakrishnan T.Tamilkumaran V.Akil N.Indhumathi M.Eswari R.Gobalan M.Nivetha K.Saruhasini V.Shalini V.Logeshwari M.Jeevitha S.Narain R.Hemaneshwaran M.S.Sanjeevi R.Gobika R.Priyadharshini P.Mayilsamy	The Mind IT	19-06-2025 To 19-07-2025	IOT
6	2022-2026	T.Indhumathi B.Karthika V.Swathi M.Deepini S.Monika K.Jeevarakshini P.Krishnaveni	SD Pro solutions	19-06-2025 To 19-07-2025	VLSI
7	2023-2027	M.Shreehari	Nurture Infotech	18-06-2025 To 30-06-2025	Datascience
8	2023-2027	A.Robert	The Arrowai	18-06-2025 To 30-06-2025	Datascience
9	2023-2027	R.Kalaiselvi G.Sandhiya S.Rajkumar S.Sandeep L.Mansoor ali	Skeiz Technologies	18-06-2025 To 02-07-2025	Mechatronics Program
10	2023-2027	S.Kavin M.Logeshkanna S.Surendar P.Anbalagan S.Nandhakumar	Revintech Technology	18-06-2025 To 02-07-2025	Full Stack Programming
11	2023-2027	M.Naveen S.Rajalakshmi B.Divyabharathi V.Yuvapriya K.Priyadharsan	Bastorians Tech and Solutions	18-06-2025 To 02-07-2025	Embedded System
12	2023-2027	T.Kalaiventhan B.Dharshika	Siva Electronics	18-06-2025 To 02-07-2025	Electronics

13	2023-2027	V.Kaviyasri N.Kaviyasri S.Sajitha	Federal Mogul	17-06-2025 To 30-06-2025	Automation
14	2023-2027	M.Kaviraj P.Ranjithkumar R.Kavin S.Balamurugan N.Naveenkumar V.Karthika A.Naveena J.Vidhyabharathi R.Piriyadharsini P.Pooventharraja A.Balaviswa I.Suryaprakash S.Balamurugan	Erospark Technologies	18-06-2025 To 02-07-2025	Embedded System
15	2023-2027	A.Firozkhan G.V.Arulguhan K.Anupriya E.Kowsika M.Libiga V.Sandhosh S.Sudharsan	Coral Engineering Works	20-06-2025 To 04-07-2025	Embedded System
16	2023-2027	S.M.Roopan K.Paneerselvam	Redcode Embedded Technologies	19-06-2025 To 03-07-2025	Embedded System

ACADEMIC ACHIEVER NOVEMBER/DECEMBER 2024 EXAMINATIONS

IV YEAR/VII SEM YEAR-TOPPERS (2021-2025) BATCH

I RANK



R.SRILEKHA
SGPA-9.88

II RANK



K.SATHYA
SGPA - 9.25

III RANK



B.PREETHIKA
SGPA - 9.06

III YEAR/V SEM YEAR-TOPPERS (2022-2026)BATCH

IRANK



M.ABINAYA
SGPA-9.29

II RANK



M. NIVETHA
SGPA - 9.05

III RANK



V.SHALINI
SGPA - 8.90

II YEAR/III SEM YEAR-TOPPERS (2023-2027) BATCH

IRANK



K.ANUPRIYA
SGPA-9.68

II RANK



E.KOWSIKA
SGPA - 9.32

III RANK



R.KALAISELVI
SGPA - 9.04

ACADEMIC ACHIEVERS APRIL/MAY 2025 EXAMINATIONS

IV YEAR/VIII SEM YEAR-TOPPERS (2021-2025) BATCH

I RANK



R.SRILEKHA
SGPA-10.00

II RANK



K. SATHYA
SGPA - 10.00

III RANK



B.PREETHIKA
SGPA - 10.00

III YEAR/VI SEM YEAR-TOPPERS(2022-2026)BATCH

I RANK



S.MONIKA
SGPA-9.25

II RANK



M.NITHISH
SGPA-9.20

III RANK



M.MANIMEGALA
SGPA-8.90

II YEAR/IV SEM YEAR-TOPPERS (2023-2027) BATCH

I RANK



R.KALAISELVI

SGPA -9.63

II RANK



B.DHARSHIKA

SGPA -9.63

II RANK



E.KOWSIKA

SGPA-9.40

STAFF CENTUM RESULTS ON NOV/DEC2024 EXAMINATIONS

S-No	Name of the Staff	Designation	SubjectHandled	Year /Sem	Total Strength
1	Mrs.G.Revathi	AP	IT in Agricultural System	IV/VII	55
2	Ms.S.Ayisha	AP	Princiles of Management	IV/VII	55
3	Mr.M.Gobalakrishnan	AP	Democracy and Good Governance	IV/VII	55

STAFF CENTUM RESULTS ON APR/MAY 2025 EXAMINATIONS

S-No	Name of the Staff	Designation	SubjectHandled	Year /Sem	Total Strength
1	Mr.P.P.Janarthanan	AP	Embedded systems and IOT Design	III/V	53
2	Mr.M.Gobalakrishnan	AP	Renewable Energy Systems	III/V	53
3	Mr.K.Balakrishnan	AP	Underwater Navigation Systems	III/V	53
4	Mrs.C.M.Preethi	AP	Body Area Networks	III/V	53

STUDENTS PLACEMENT TRAINING

S.No	Batch	Title of The Training Program	Name of the Academy	Date	Number of student
1	2022	JAVA with SQL	Arena Animation	12-02-2025 To 24-02-2025	51
2	2023			30-12-2024 To 12-01-2025	47
3	2022	JAVA Full Stack	Gate way solutions	21-07-20258 To 31-07-2025	51
4	2023			01-07-2025 To 23-07.2025	49
5	2022	Aptitude Training	Yardstick Academy	01-07-2025 To 11-07-2025	51

6	2024	Python Full Stack	APT Training Academy	03-12-2025 To 15-12-2025	48
7	2023	Embedded System	Caliber Embedded Technologies	18-12-2025 To 31-12-2025	23
8	2023	Java Advanced	Yardstick Academy	15-12-2025 To 29-12-2025	26

STUDENTS PLACEMENT DETAILS

S-No-	Name of the Student Placed	Company	Designation	Salary Package
1	Nagajayaruba K S	Rinex Technologies, Chennai	Inside Sales Strategies	10 LPA
2	Arthi S, Tamilselvan P	Hexaware, Chennai	Software Trainee	4 LPA
3	Naveen V, Rajesh R	Tap Academy, Chennai	Software Developer Internship	4 LPA
4	Keerthi S, Sakthivel C, Shanmugapriyan R, Sridhar V	Mcoreta Company, Bangalore	Graduate Engineer Trainee	3 LPA
5	Aravindh J, Dharunsundharesan K, Gokulraj D, Jana Sarathi S, John Peter R, Kavinkumar S, Loganathan S, Nirenthiran N, Prabhakararaaj J B, Pradeepkumar K, Subash P, Vignesh T, Vijayaprabhakaran K	MRF company, Bangalore	Lead Trainee	2.6 LPA
6	Dhilip N	Mobitech, Chennai	Technical Engineer	2.4 LPA
7	Sathish P	Realtech, Chennai	Junior Technical Engineer	2.4 LPA
8	Jayasri M, Mounika V, Preethika B, Prema B	LECS, Coimbatore	Graduate Trainee	2.4 LPA
9	Disha V	Epic Entertainment, Chennai	HR Management	2.16 LPA
10	Anbazhagan A, Gayathri N, Indhuja M, Janani M, Kalaivani N, Karthikeyan K, Kirubakaran S, Krishnaveni V, Navaventhan A, Naveena S, Nithya S, Sathiya A, Sathya K, Shwathi U V, Srilekha R, Suganya R, Vigneshkumar S, Vijayasri S	TVS SFL, Hosur	Trainee	2.16 LPA

STUDENTS INDUSTRIALVISIT

S-No	Name of the Programme	Date	Title of the Programme	Visited Place
1	Industrial Visit	12-09-2025	Transformers	KELTRON, Thiruvananthapuram
			VLSI Design	C-DAC, Thiruvananthapuram
		13-09-2025	Manufacturing	MASCO Tea Factory,Thiruvananthapuram
2		26-09-2025	Robotics Integration	Sakthi Auto Components,Vijayamangalam



Industrial Visit on Transformers was held on 12-09-2025 at KELTRON



IndustrialVisit on VLSI Design washeld on 12-09-2025at C-DAC

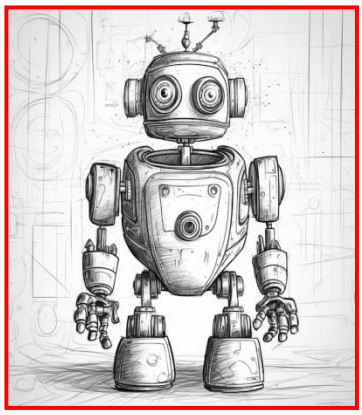


Industrial Visit on Manufacturing was held on 13-09-2025 at MASCO Tea Factory



Industrial Visit on Robotics Integration was held on 26-09-2025 at Sakthi Auto Components

STUDENT EXTRACURRICULAR ACTIVITIES
DRAWING



E. KOWSIKA
III ECE



NAVYA.C.M
II ECE