



VELAMMAL INSTITUTE OF TECHNOLOGY

Chennai - Kolkata Highway, Panchetti, Ponneri - 601 204



**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**

SPARK NEWS LETTER



**ACADEMIC YEAR
2024-2025**

EVEN SEMESTER





Institute Vision

To be a leader in imparting quality technical education, research & enterprising skills in pursuit of professional excellence.

Institute Mission

- To promote quality education & technical skills to meet the industry requirements.
- To incorporate team work, leadership skills & lifelong learning.
- To facilitate career development & higher education assistance.
- To encourage innovative ideas for research & development and entrepreneurship for societal needs.
- To inculcate ethical responsibility & human values.



Vision of the Department

To produce highly competent Electrical Engineers and Researchers to fulfil the technological needs of society through innovation and product development.

Mission of Department

- To educate graduates with fundamental principles to acquire advanced technical knowledge in domains of Electrical and Electronics Engineering.
- To provide a progressive environment for innovative creations and rigorous practical training through creative activities in conventional and thrust areas of Electrical and Electronics Engineering.
- To inculcate Societal and Ethical values among the faculties and students.



Program Outcomes

Engineering Graduates will be able to:

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.

Program Outcomes

6. 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.
7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
8. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
9. 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.
10. 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.
11. Life-long learning: Recognize the need for, and have the preparation and ability to engage independent and life-long learning in the broadest context of technological change.

PEO and PSO

PEO: 1	Graduates of the program will have successful technical and professional career.
PEO: 2	Graduates of the program will reveal life-long learning to enhance technical skills and managerial skills.
PEO: 3	Graduates of the program will undertake societal responsibilities with ethical Practice.

PSO: 1	Foundation of Electrical Engineering: Ability to understand the principles and working of electrical components, circuits, systems and control that are forming a part of power generation, transmission, distribution, utilization, conservation and energy saving. Students can assess the power management, auditing, crisis and energy saving aspects.
PSO: 2	Foundation of Mathematical Concepts: Ability to apply mathematical methodologies to solve problems related with electrical engineering using appropriate engineering tools and algorithms.
PSO: 3	Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution which leads to new ideas and innovations

TEAM MEMBERS

Editors-in-Chief

Mr I Vijay Ganesh,,

IV Year EEE Student

Mr R Praveen Kumar,

IV Year EEE Student

Editorial Committee

Mr S Nishanth Vadanam IV Year EEE

Ms U Pavithra, IV Year EEE

Mr Rajavel Rahul, IV Year EEE

Ms A Hemalatha,III Year EEE

Mr J Harish, III Year EEE

Ms M Sowmiya, III Year EEE

Mr P Sridhar , II Year EEE

Mr A R Sanjay , II Year EEE

Mr M Vivek, II Year EEE

Staff Coordinators

Dr S Muthukaruppasamy., Ph.D.,

Professor & Head

Ms C Krithika kamalam, M.E.,

Assistant Professor / EEE

Velammal Institute of Technology

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Events Organized

S.No	Event	Year	Date
1	ICCII 2025 – Sixth International Conference on Computational Intelligence and Industry 5.0	II/III/IV Year - Various Institutions	21.03.2025
2	Xemplar'25 –National Level Technical Symposium	II/III/IV Year - Various Institutions	05-04-2025
3	Linear Integrated Circuits and Applications	II YEAR	03.05.2025
4	Go Green	II,III & IV YEAR	25.02.2025
5	Exploring Growth Prospects: A Core Industry Expert's Insights with students	II&III YEAR	17.02.2025

S.No	Event	Year	Date
6	Carrer Opportunities in core Industry and Power Sector	II&III YEAR	21.02.2025
7	VAGANZA'25	II,III &IV YEAR	07.03.2025

ICCII 2025 – Sixth International Conference on Computational Intelligence and Industry 5.0

The Department of Electrical and Electronics Engineering of Velammal Institute of Technology organized the *6th International Conference on Computational Intelligence and Industry 5.0 (ICCII 2025)* on 21.03.2025. The conference commenced with *Tamil Thai Vazhthu* and the traditional Lighting of the *Kuthuvilakku*. Dr. D. Magesh Babu, HOD – Mechatronics, welcomed the gathering, and Dr. M. S. Heaven Dani, HOD – Mechanical, presented the session on ICCI 2025, outlining future goals in computational intelligence. A Felicitation Ceremony honored distinguished guests, followed by the Presidential Address by Dr. N. Balaji, Principal, who emphasized the vital role of academia–industry collaboration in shaping Industry 5.0. The conference provided a dynamic platform for researchers, faculty, and students to exchange knowledge and innovations in this emerging field.



Xemplar'25 – National Level Technical Symposium

The Department of Electrical and Electronics Engineering at Velammal Institute of Technology successfully organized its National Level Technical Symposium – *Xemplar'25*. The event provided a vibrant platform for students across institutions to showcase their technical expertise, creativity, and competitive spirit.

The symposium witnessed active engagement from students, fostering knowledge sharing, teamwork, and innovation. *Xemplar'25* not only celebrated technical excellence but also encouraged holistic growth and interaction among budding engineers.



VELAMMAL INSTITUTE OF TECHNOLOGY
Velammal Knowledge Park, Chennai – Kolbata High Way, Perambalur, Thiruvallur District, Pincode – 601 204

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PROUDLY PRESENTS
A National Level Technical Symposium
Xemplar'25

TECH EVENTS

- Astral Papers
- Starlab Innovations
- Quantum Circuits
- Gravity Games

SPECIAL EVENTS

- Cosmic Duel
- Stellar Queries

NON TECH EVENTS

- Neon Netes
- Gravity Bouncers
- Celestial Frames
- Orbit Rush
- Mementary Mission

4 APRIL 2025

Registration fee – 150/-
Last Date to register: 02-04-2025
Reach us on

EXCITING PRIZES

BEAR TO REGISTER

Faculty Co-ordinators
Mr. P. Dink 80754 24706
Mr. G. Subramani 90879 84348

Student Co-ordinators
Praveen Kumar B. 8807439269
Raveesh S. 63835 96468

xemplar2025@gmail.com [Xemplar_2K25](#)

Glimpse of Xemplar'25 – National Level Technical Symposium



Guest Lecture on Linear Integrated Circuits and Applications

The Department of Electrical and Electronics Engineering, Velammal Institute of Technology organized an Expert Talk on “Linear Integrated Circuits and Applications” on 03.05.2025 for II and IV year EEE students. The session was delivered by Dr. Y. Sukhi, Professor, RMK Engineering College, who discussed the fundamentals and applications of LICs such as op-amps, comparators, voltage regulators, and filters. He highlighted their role in signal processing, communication, instrumentation, and control systems, along with industrial uses in power electronics, biomedical instrumentation, and automation. The lecture enhanced students’ technical knowledge and exposure to practical applications.



Interactive Session on Go Green

The Department of Electrical and Electronics Engineering, Velammal Institute of Technology conducted an Expert Talk on “Go Green” on 25.02.2025 for all EEE students at the seminar hall. The lecture was delivered by Mr. Janakiramaiah Sitaraman, Senior Finance and Accounts Professional, GAIL India, and Ms. Priya Jemima, Founder of GEO India Foundation. The session emphasized the importance of sustainable practices, renewable energy utilization, and environmental conservation for future generations. The speakers highlighted real-time initiatives for reducing carbon footprints, adopting green energy technologies, and creating awareness on eco-friendly practices in both industrial and domestic sectors. The lecture motivated students to adopt green habits and enlightened them about career prospects in the field of sustainable energy and environmental management.



Exploring Growth Prospects : A Core Industry Expert's Insights with students

The Department of Electrical and Electronics Engineering, Velammal Institute of Technology conducted an Expert Talk on “Exploring Growth Prospects: A Core Industry Expert's Insights with Students” on 17.02.2025 for II and III year EEE students at the seminar hall. The lecture was delivered by Mr. Harutoshi Takagi, Managing Director, Usui Susria International Pvt. Ltd., Mahindra World City, Ponneri. The session focused on growth opportunities in the core industry sector, upcoming industrial trends, and skill development needed to meet industry demands.

VELAMMAL INSTITUTE OF TECHNOLOGY
 Department of Mechanical, Mechatronics & Electrical and Electronics Engineering
 In collaboration with
USUI SUSRIA International Pvt. Ltd.
 jointly organize
EXPLORING GROWTH PROSPECTS: A CORE INDUSTRY EXPERT'S INSIGHTS WITH STUDENTS

17.02.2025 | **11:00 am - 11:30 am**
 Seminar Hall

Mr. Harutoshi Takagi
 Managing Director
 Usui Susria International Pvt Ltd
 Mahindra world city, Ponneri

Coordinators:
 Mr. S. M. Prasad, Mr. S. S. Suresh, Mr. S. S. Suresh, Mr. S. S. Suresh

Commenters:
 Dr. J. S. Suresh, Dr. S. S. Suresh, Dr. S. S. Suresh, Dr. S. S. Suresh



Glimpse of VAAGANZA'25



INDUSTIAL VISIT

S.No	Year	Name of the Industry	Date of Visit
1	III&II	Combat Vehicles Research and Development Estt (CVRDE)	22.01.2025
2	II	Vande Bharat Express,chennai	19.02.2025
3	II&III	RENWX EXPO	25.04.2025

Industrial Visit to Combat Vehicles Research and Development Estt(CVRDE)

The Department of Electrical and Electronics Engineering organized an industrial visit to the Combat Vehicles Research & Development Establishment (CVRDE) on 22nd January 2025. CVRDE is renowned for its research in developing advanced combat vehicles and integrated electronic systems. During the visit, students learned about the design, testing, and development of propulsion units, onboard electronics, and weapons systems. The visit emphasized the role of electrical and electronics engineering in enhancing defense technologies and indigenization efforts. This experience enriched students' practical knowledge and encouraged them to contribute to defense innovation and engineering excellence.



Industrial Visit to the Chennai Trade Centre Renewx 2025

The Department of Electrical and Electronics Engineering organized an industrial visit to Renewx2025 at the Chennai Trade Centre, Nangambakkam on April 24, 2025. The visit aimed to provide EEE students with hands-on exposure to the latest advancements in renewable energy technologies. Students explored various exhibits showcasing solar, wind, and energy storage solutions from leading industry players. The visit helped students gain practical insights into the growing field of renewable energy and its applications in the modern electrical industry. The event provided valuable knowledge about sustainable energy solutions and their role in shaping the future of power generation.



Industrial visit on Vande Bharat Express

On 19th February 2025, the Department of Electrical and Electronics Engineering organized an industrial visit focused on the Vande Bharat Express, India's first indigenous semi-high-speed train. The visit provided students with valuable exposure to advanced railway technologies and real-time engineering applications.

During the visit, students explored key systems such as propulsion technology, electrical control units, regenerative braking, and safety mechanisms. Industry professionals shared detailed insights into the train's design, automation features, and the role of the *Make in India* initiative in its development.

Such visits are integral to the department's focus on experiential learning, enabling students to stay aligned with current industry practices and technological innovations.



Alumni Activities

S.No	Name of Organizing Event	Date of organizing Event	Target Audience	Name of Coordinator
1	Alumni Interaction On Campus to Corporate	03.05.2025	III year	Mr.P.Vivek


VELAMMAL
INSTITUTE OF TECHNOLOGY
Chennai - Nallur Highway, Pandalam, Chennai - 601 021
 Approved by AICTE and Affiliated to Anna University, Chennai

TNEA
(UPEACE) 2024
1237

2025-26
ADMISSIONS
OPEN

DEPARTMENT OF EEE

ALUMNI INTERACTION
 "CAMPUS TO CORPORATE"



Mr. Abishek
 IT Analyst,
 Tata Consultancy Services.

Date : 03-05-2025
 Session: FN
 Target Student : III EEE
 Venue: PSS Lab



Mr. Solomon
 Full Stack Developer at Deloitte



Ms. Geethika
 Freelancer, Web Developer, and Virtual Assistant

Dept. Address : Alamedu CSE Road, 600033-EEE, Vice Principal, Principal
 Mr.P.Vivek, VV 044-22446300, Dr.P.Geethika, Dr.P.Chandrasekaran, Dr.P.Chandrasekaran, Dr.P.Chandrasekaran

044-2244 6300 +91 90876 44626 +91 97545 46740
 Register Online @ www.velammalitech.edu.in



Club activity

S.No	Name of the Activity	Under Which Club	Date	Target
1	Poster Designing in Canva	Design Club	20.02.2025	II Year EEE Students

Poster Designing in Canva

The Department conducted a Design Club activity on *"How to Design a Poster in Canva?"* on 20th February 2025 (1.30 PM – 3.15 PM) for the II Year EEE students. The session enabled students to design and download posters in multiple formats (JPG, PNG, PDF) and to explore creating or sourcing design assets such as icons, images, and illustrations, thereby enhancing their creativity and design skills.



Faculty Participation

S.N	NAME OF THE FACULTY	COURSE TITLE	CERTIFICATION DATE	CERTIFIED BY	Approved / Sponsored by
1	Dr J Nandha Gopal	Innovative Techniques for Crafting and Publishing Research Papers	10/02/2025 to 14/02/2025	ECE Department & R&D Cell	Velammal Institute of Technology
2	Ms.G. Bavani	Leveraging AI for Efficient Thesis Writing: Tools, Techniques & Strategies	10/02/2025 to 14/02/2025	Anna University (DoIE) & CEDAAR, Chennai	Anna University & CEDAAR
3	Mr.P.Vivek	NPTEL SPOC Felicitation and Awareness Workshop	08-02-2025	IIT MADRAS	NPTEL - SWAYAM
		Leveraging Advanced Power Conversion Systems and Artificial Intelligence for Electric Vehicles	08th May, 2025- 21st May, 2025.	NIT Patna & NIT Tiruchirappalli	Ministry of Electronics and Information Technology (MeitY), Government of India

S.N	NAME OF THE FACULTY	COURSE TITLE	CERTIFICATION DATE	CERTIFIED BY	Approved / Sponsored by
4	Mr.P.Vivek	NPTEL SPOC Felicitation and Awareness Workshop	08-02-2025	IIT MADRAS	NPTEL - SWAYAM
		Leveraging Advanced Power Conversion Systems and Artificial Intelligence for Electric Vehicles	08th May, 2025- 21st May, 2025.	NIT Patna & NIT Tiruchirappalli	Ministry of Electronics and Information Technology (MeitY), Government of India
5	Ms C Krithika Kamalam	Vehicle Electrification: Future Mobility Trends	27/01/2025 to 01/02/2025	AICTE Training and Learning (ATAL) Academy	Vehicle Electrification : Future Mobility Trends
		Re-skilling Program (Innovation Cell - IIC)	2024-25	Ministry of Education, Govt. of India	Re-skilling Program (Innovation Cell - IIC)
		Vehicle Electrification: Future Mobility Trends	27/01/2025 to 01/02/2025	AICTE Training and Learning (ATAL) Academy	Vehicle Electrification : Future Mobility Trends

Faculty Contribution in Research

S. No	Name of the Event	Name of the Faculty	Award won
1	MSME Project Funding – Supporting Student Innovation	Ms.G.Bavani	MSME grant of ₹15,00,000 fund
2	Niral Thiruvizha Project Funding – Celebrating Innovation	Dr.V.Subramaniyan	Awarded a funding support of ₹1,00,000 by AU TNSDC

[illegible][illegible]



Faculty Contribution in Research

S. No	Staff Name	Title of the Manuscript	Title of Book chapter	Publishers of Book chapter	Year and month of publications
1	S. Muthukaruppasamy, Nandha Gopal J.	Investigating the Potential: The Revolutionary Impact of Quantum Artificial Intelligence (QAI) on the Healthcare Industry and Expanded Utilisations	AI and Quantum Network Applications in Business and Medicine	IGI Global	2025
2	S. Muthukaruppasamy, Nandha Gopal J.,	Revolutionizing Urban Traffic Mobility With Graph Neural Networks-Driven Intelligent Transportation Systems (ITS)	Neural Networks and Graph Models for Traffic and Energy Systems	IGI Global	2025

Faculty Excellence

S. No	Name of the event	Name of the Faculty	Award won
1	NAAN MUDHALVAN	Mr.K.Kaliagurumoorthi	Exceptional and continued support Award of NAAN Mudhalvan Programme as SPOC
2	SWAYAM-NPTEL	Mr.P.Vivek	Instrumental role as SPOC
3	SWAYAM-NPTEL	Dr.J.Nandhagopal	Successfully Mentored For the NPTEL Course
3	SWAYAM-NPTEL	Mrs.G.Bavani	Successfully Mentored For the NPTEL Course
4	SWAYAM-NPTEL	Mrs.C.Krithika Kamalani	Successfully Mentored For the NPTEL Course
5	SWAYAM-NPTEL	Ms.G.Selvamathi	Successfully Mentored For the NPTEL Course






CERTIFICATE OF APPRECIATION

is awarded to

SRINIVAS

VELAMMAL INSTITUTE OF TECHNOLOGY

CHENNAI, TAMIL NADU

in recognition of his/her contribution for the
NPTEL Online Certification course

ADVANCED COURSE IN PYTHON

3rd SEMESTER



Serial Number	Score Obtained	Grade	Semester Grade (%)				
1st	2nd	3rd	4th	5th	6th	7th	8th
10	7	2	1	2	3	4	5


PROF. ARVIND KUMAR
Head of Institute




CERTIFICATE OF APPRECIATION

is awarded to

SRIVARSHINI S

VELAMMAL INSTITUTE OF TECHNOLOGY

CHENNAI, TAMIL NADU

in recognition of her/his contribution for the
NPTEL Online Certification course

CLOUD COMPUTING

3rd SEMESTER



Serial Number	Score Obtained	Grade	Semester Grade (%)				
1st	2nd	3rd	4th	5th	6th	7th	8th
10	8	1	1	2	3	4	5


PROF. ARVIND KUMAR
Head of Institute




CERTIFICATE OF APPRECIATION

is awarded to

SRITHARSHI SANKARAN

VELAMMAL INSTITUTE OF TECHNOLOGY

CHENNAI, TAMIL NADU

in recognition of his/her contribution for the
NPTEL Online Certification course

DATA ANALYTICS WITH PYTHON

3rd SEMESTER



Serial Number	Score Obtained	Grade	Semester Grade (%)				
1st	2nd	3rd	4th	5th	6th	7th	8th
10	7	2	1	1	1	3	3


PROF. ARVIND KUMAR
Head of Institute




CERTIFICATE OF APPRECIATION

is awarded to

SARADHI SANKAR

VELAMMAL INSTITUTE OF TECHNOLOGY

CHENNAI, TAMIL NADU

in recognition of his/her contribution for the
NPTEL Online Certification course

INTRODUCTION TO PYTHON

3rd SEMESTER



Serial Number	Score Obtained	Grade	Semester Grade (%)				
1st	2nd	3rd	4th	5th	6th	7th	8th
2	1				1	1	


PROF. ARVIND KUMAR
Head of Institute

Faculty NPTEL Achievements

S.No.	Staff Name	CourseName	Final Score	Certificate Type
1	Mr.P.Vivek	Power Electronics with Wide Band Gap Devices	88%	Elite + Silver
2	Dr.R.Karthikeyan	Training of Trainers	75%	Elite + Silver
3	Mrs.G.Bavani	Introduction to Machine Learning	49%	Successfully completed
4	Mrs.C.Krithika Kamalam	Google Cloud computing Foundations	67%	Elite
5	Mrs.G.Bavani	Data Analytics with Python	62	Elite
6	Mrs.C.Krithika Kamalam	Data Analytics with Python	55	Successfully completed
7	Dr.J Nandha Gopal	Introduction To Internet Of Things	76	Elite + Silver
8	Ms.G.Selvathi	Cloud Computing	65	Elite
9	Dr.R.Karthikeyan	Introduction to Professional Scientific Communication	69	Elite

FACULTY CONFERENCE

<u>S.No</u>	Name of Faculty	Title of paper	Title of conference
1	Dr.J.Nandha Gopal	LoRa and MQTT Based street light control and monitoring System	6th International Conference on Computational Intelligence and Industry 5.0
2	Ms.C.Kirthika Kamalam	Enerlink: Empowering EV's with Dynamic Vehicle to Vehicle charging	6th International Conference on Computational Intelligence and Industry 5.0
3	Dr V Subramaniyan	Real-Time Public Transportation Tracking and Information System for Government Buses	6th International Conference on Computational Intelligence and Industry 5.0
4	Dr.S.Muthukaruppasamy	Smart Dual Battery EV charging System With Thermal management and energy recovery	6th International Conference on Computational Intelligence and Industry 5.0
5	Dr.R.Karthikeyan	Power flow Guardian: Android Alert System For EV Charging Stations And Nearby Battery Oversight	6th International Conference on Computational Intelligence and Industry 5.0

S.No	Name of Faculty	Title of paper	Title of conference
6	Mr.P.Vivek	Cognitive AI-Driven Prognostics for Industrial Machinery: IoT-Enabled Predictive Analytics with Augmented Reality Visualization	6th International Conference on Computational Intelligence and Industry 5.0
7	Mr K Kaliagurumoorthi	Predictive Detection of Overload Theft Using AC Voltage and Current Sensors with AI-Machine Learning Integration	6th International Conference on Computational Intelligence and Industry 5.0
8	Ms.G.Bavani	Voltage Vigilance: Ensuring Balance And Curbing Theft In Power Distribution Network	6th International Conference on Computational Intelligence and Industry 5.0
9	Dr.S.Muthukaruppasamy	An Grid-Integrated Electric Vehicles with Hybrid Energy Storage for Optimal Power Management	IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS-2024)
10	Dr.S.Muthukaruppasamy	Comparative Evaluation of Pretrained Convolutional Neural Networks for Identifying Canine Distemper Virus-Affected Dogs	International Conference on Sustainable Materials and Technologies in VLSI and Information Processing

Students Achievement

S.No	Name of the event	Name of the Students	Award won
1	MSME Project Funding – Supporting Student Innovation	Sowmiya M	MSME grant of ₹15,00,000 fund
2	Niral Thiruvizha Project Funding – Celebrating Innovation	Jayabalan S, Venkat Ragavan D, Vijay Ganesh	Awarded a funding support of ₹1,00,000 by AU TNSDC
3	Naan Mudhalvan Hackathon	Shamitha S Sujitha V Swetha R	1 st Prize
4	Innoviot 2025- Naan Mudhalvan Scheme	Shiviksan C Rajavel Rahul Selvaganeshan M Yuvasree M	Best Team Collaborati on
5	Project Expo	Sowmiya M Kamalesh S Praveen Kumar R	1 st Prize
6	Project Expo	Shiviksan C Rajavel Rahul Selvaganeshan M	2 nd Prize

MSME Project Funding – Supporting Student Innovation

The Department of Electrical and Electronics Engineering proudly announces that student M. Sowmiya (Batch 2022–2026), under the guidance of Ms. G. Bavani, has received a MSME grant of ₹15,00,000 under the MSME Idea Funding Scheme.

The funding will support the development of her innovative project titled "Street Light Monitoring System," showcasing her technical skills and creativity. This achievement reflects the department's commitment to fostering research, entrepreneurship, and real-world problem-solving among students.

[illegible][illegible]

Niral Thiruvizha Project Funding – Celebrating Innovation

The Department of Electrical and Electronics Engineering proudly congratulates our student team — Jayabalan S, Venkat Ragavan D, and Vijay Ganesh — mentored by Dr. Subramaniyan V, for their remarkable achievement in the *Niral Thiruvizha 2.0* initiative (2024–2025).

Their project, titled *“Smart Seat Monitoring and Live Tracking System for Government Buses,”* was awarded a funding support of ₹10,000 by AU TNSDC. Notably, the team’s innovative work was also shortlisted among the top 150 teams across Tamil Nadu, showcasing the creativity and technical excellence of our students.

This achievement stands as a testament to the department’s commitment to fostering innovation, entrepreneurship, and real-world problem-solving among budding engineers.





NPTEL Achievements

<u>S.N</u> <u>O</u>	Name of student	Name of NPTEL Course	Marks	Grade of course
1	Deepika D	Data Analytics with Python	61	ELITE
2	Sujitha V	Data Analytics with Python	58	Successfully completed
3	Sharon Rikshika A	Data Analytics with Python	56	Successfully completed
4	Shanmuga Pandian P	Data Analytics with Python	62	ELITE
5	Akkansha	Data Analytics with Python	54	Successfully completed
6	Sridhar P	Data Analytics with Python	55	Successfully completed
7	Swetha R	Data Analytics with Python	69	ELITE
8	Balaji M	Introduction To Internet Of Things	81	ELITE+SILVER
9	Harish V	Introduction To Internet Of Things	77	ELITE+SILVER
10	Jeia Jeeva S	Renewable Energy Engineering: Solar, Wind And Biomass Energy Systems	55	Successfully completed
11	Priyadharshini N	Renewable Energy Engineering: Solar, Wind And Biomass Energy Systems	54	Successfully completed

Internship Training program

S. No	Name of the Student	Sem	Name of the Company	Duration (Days)
1	Akkansha.M	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
2	Deepika	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
3	Daisy keren.S.P	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
4	Jeia Jeeva	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
5	Priyadharshini.M	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
6	Priyadharshini.N	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
7	Sharon Rikshika	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
8	Swetha	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
9	Sujitha	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025

10	Shamitha	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
11	Thejasri	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
12	Vindhya	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
13	Achutha	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
14	Shanmuga Pandian	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
15	Jana V R	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
16	Sridhar P	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
18	Vivek P	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
19	Balaji M	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
20	Harish. V	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025
21	Krishna Prasath.E	IV	TVIS Training & Service Ltd	11.02.2025-15.02.2025

22	Balaji.M	IV	Daikin	21.04.2025- 25.04.2025
23	Harish.V	IV	Daikin	21.04.2025- 25.05.2025
24	Jana.V.R	IV	Daikin	21.04.2025- 25.05.2025
25	Krishna Prasath	IV	Daikin	21.04.2025- 25.05.2025
26	Lokesh	IV	Daikin	21.04.2025- 25.05.2025
27	Sanjay	IV	Daikin	21.04.2025- 25.05.2025
28	Shyam	IV	Daikin	21.04.2025- 25.04.2025
29	Sridhar	IV	Daikin	21.04.2025- 25.04.2025
30	Aarif Z	VI	Daikin	21.04.2025- 25.04.2025
31	Balaprasath.P	VI	Daikin	21.04.2025- 25.04.2025
32	Dinesh Kumar.D	VI	Daikin	21.04.2025- 25.04.2025
33	Gowtham.D.S	VI	Daikin	21.04.2025- 25.04.2025
34	Mageshwar	VI	Daikin	21.04.2025- 25.04.2025



Professional Society Activities

A Professional Society (also called a professional association, organization, or body) is a group formed to bring together individuals who work in the same profession, discipline, or field of study. These societies play a key role in professional development, networking, standard setting, and knowledge sharing.

Faculty Events and Membership

S.No	Event	Year	Date
1	Bicycle Design Challenge	2025	25.05.2025

Bicycle Design Challenge

The Departments of Electrical & Electronics Engineering jointly conducted a two-day workshop titled “Bicycle Design Challenge” under SAE India on 24th and 25th May 2025. The event witnessed enthusiastic participation from students across Tamil Nadu, Kerala, Maharashtra, Karnataka, Andhra Pradesh, and Telangana, providing them with a platform to showcase creativity, teamwork, and technical design skills.





SAGINDIA
Society of Advanced Graduate Engineers



Name: Harish L
College: Government Engineering College, Tirunelveli
Registration No. of Member: 728042130
Valid From: 01 Apr 2025 **To:** 31 Mar 2026
Section: SS
Associate Fee:



728042130



SAGINDIA
Society of Advanced Graduate Engineers



Name: Harish L
College: Government Engineering College, Tirunelveli
Registration No. of Member: 728042130
Valid From: 01 Apr 2025 **To:** 31 Mar 2026
Section: SS
Associate Fee:



728042130




SAGINDIA
Society of Advanced Graduate Engineers



SAGINDIA
Society of Advanced Graduate Engineers

**Department of Mechanical Engineering and
Department of Electrical and Electronics Engineering
National Institute of Technology
Tirunelveli, Tirunelveli**

Workshop on
7th Edition Bicycle Design Challenge 2025-26
Date: 24th & 25th May 2025




Students Placement Batch 2021-2025

S.N	Student Name	Company Name	Package
1	Rajavel Rahul	Johnson Controls	6.6 LPA
2	Vijay Ganesh I	Johnson Controls	6.6 LPA
3	Shamitha T	LTI Mindtree	4.05 LPA
4	Selvaganeshan M	Hexaware Technologies	6 LPA
5	Susmitha P	Hexaware Technologies	6 LPA
6	Pavithra U	Hexaware Technologies	6 LPA
7	Vaishnavi N	Hexaware Technologies	6 LPA
8	Chris Madonna F	WNS Vuram	5.5 LPA
	Chris Madonna F	NS Instruments Pvt Ltd.	3.5 LPA
9	Shiviksan C	NS Instruments Pvt Ltd.	3.5 LPA
	Shiviksan C	Movate Technologies Pvt Ltd.	3.2 LPA
	Shiviksan C	Reliance Industries Ltd.	8.3 LPA
10	NishanthVadanam S	Crio.Do	4 LPA
11	DineshKumar P	Ohms Tech Engineers	2.15-3 LPA
12	Heptha T	Ohms Tech Engineers	2.15-3 LPA

Students Placement Batch 2021-2025

S.N	Student Name	Company Name	Package
13	Jayabalan S	Ohms Tech Engineers	2.15-3 LPA
14	VenkatRagavan D	Ohms Tech Engineers	2.15-3 LPA
15	Karunya S	JSE Engineering Pvt Ltd	2.4 LPA
16	Dhanush S	Supernova	2.4-6 LPA
	Dhanush S	Ohms Tech Engineers	2.15-3 LPA
17	Akhilesh R	Megha Engineering & Infrastructure Ltd	3.65 LPA
18	Shoban K	Megha Engineering & Infrastructure Ltd	3.65 LPA
18	Shyam Ganesh V	Megha Engineering & Infrastructure Ltd	3.65 LPA
20	Kamal Kumar M	Megha Engineering & Infrastructure Ltd	3.65 LPA
21	Amaya M	Wilson Power Solutions	3 LPA
22	Yuvasree M	GE TEK Electronics Pvt Ltd	2.4 LPA
23	Logeswari S	GE TEK Electronics Pvt Ltd	2.4 LPA



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Chennai - Kolkatta Highway, Panchetti, Ponneri



DEPARTMENT OF EEE

CONGRATULATIONS TO THE PLACED STUDENTS OF BATCH 2021-2025



RAJAVEL RAHUL

Johnson Controls
6.6 LPA



VIJAY GANESH I

Johnson Controls / 6.6 LPA
Hexaware Technologies / 6 LPA



SHASMITHA T

LTi Mindtree
4.05 LPA



SELVAGANESHAN M

Hexaware Technologies
6 LPA



SUSHMITHA P

Hexaware Technologies
6 LPA



PAVITHRA U

Hexaware Technologies
6 LPA

For Admission Contact:

"Velammal Knowledge Park", Chennai-Kolkatta Highway,
Panchetti, Thiruvallur Dt, Tamil Nadu.

Email : admission@velammalitech.edu.in

Register Online @

www.velammalitech.edu.in



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INSTITUTION'S
INNOVATION
COUNCIL

DEPARTMENT OF EEE

CONGRATULATIONS TO THE PLACED STUDENTS OF BATCH 2021-2025



VAISHNAVI N

Hexaware Technologies
6 LPA



SHIVIKSAN C

NS Instruments Pvt Ltd, / 3.5 LPA
Novate Technologies Pvt Ltd, / 3.2 LPA
Reliance Industries Ltd, / 8.3 LPA



CHRIS MADONNA F

NS Instruments Pvt Ltd, / 3.5 LPA
WIS Vusun / 5.5 LPA



NISHANTH VADNAM S

Crio.Do
4 LPA



DINESHKUMAR P

Ohms Tech Engineers
2.15- 3 LPA



HEPTHA T

Ohms Tech Engineers
2.15- 3 LPA

For Admission Contact

"Velammal Knowledge Park", Chennai-Kolkata Highway,
Panchetti, Thiruvallur Dt, Tamil Nadu.

Email : admission@velammalitech.edu.in

Register Online @

www.velammalitech.edu.in



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Chennai - Kolluatta Highway, Panchetti, Ponnai



DEPARTMENT OF EEE

CONGRATULATIONS TO THE PLACED STUDENTS OF BATCH 2021-2024



JAYABALAN S

Ohms Tech Engineers

2.15- 3 LPA



VENKAT RAGAVAN

Ohms Tech Engineers

2.15- 3 LPA



DHANUSH S

Supernova

2.4 - 6 LPA



KARUNYA S

JSE Engineering Pvt Ltd

2.4 LPA

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Panchetti, Thiruvallur Dt, Tamil Nadu.

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DEPARTMENT OF EEE

CONGRATULATIONS TO THE PLACED STUDENTS OF BATCH 2021-2025



SHYAM GANESH

Megha Engineering & Infrastructure Ltd
3.65 LPA



KAMAL KUMAR M

Megha Engineering & Infrastructure Ltd
3.65 LPA



SHOBAN K

Megha Engineering & Infrastructure Ltd
3.65 LPA



AKHILESH R

Megha Engineering & Infrastructure Ltd
3.65 LPA

For Admission Contact

"Velammal Knowledge Park", Chennai-Kolkata Highway,
Panchetti, Thiruvallur Dt, Tamil Nadu.

Email : admission@velammalitech.edu.in

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Thank You