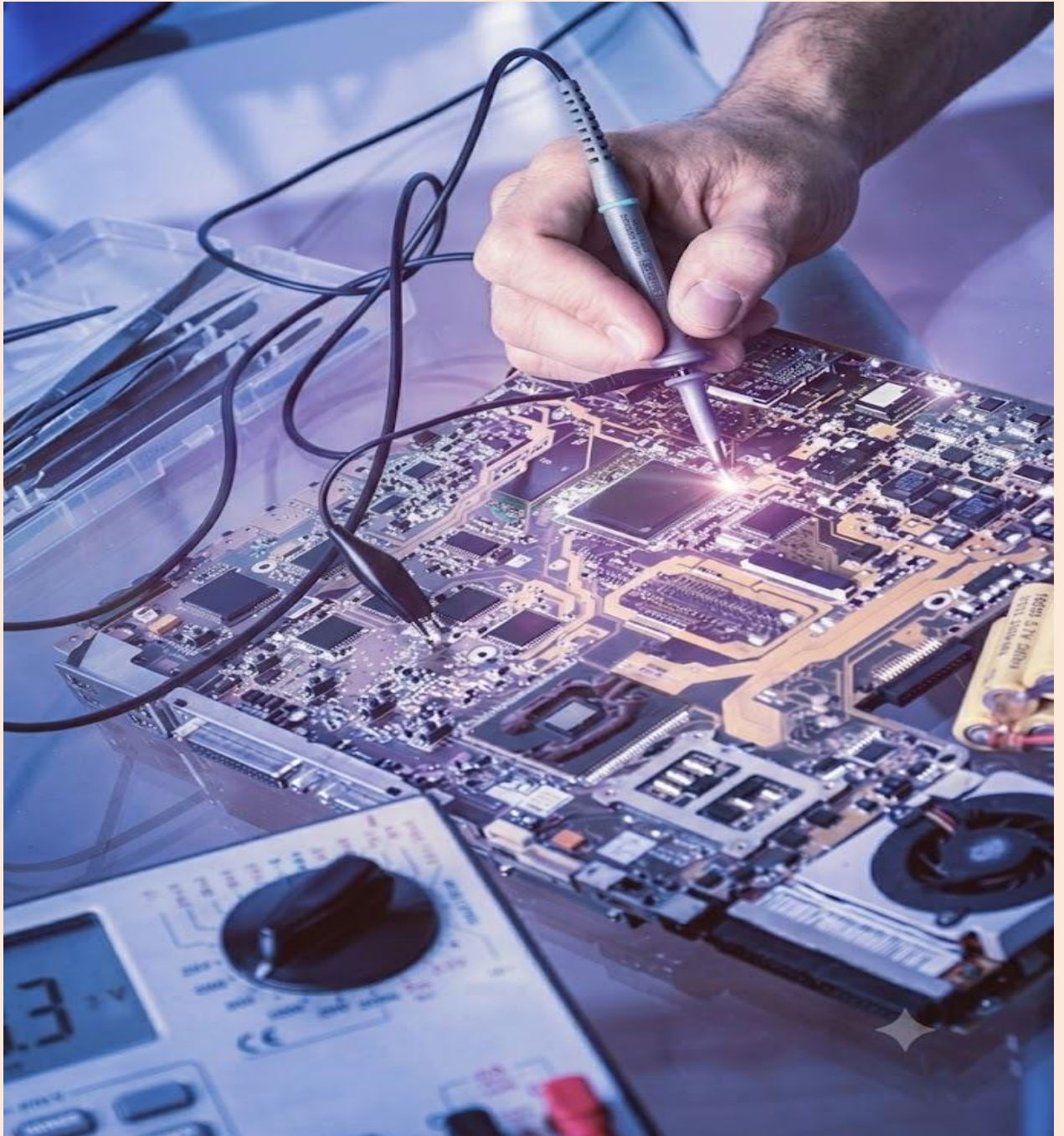


# **ECE NEWSLETTER**

**ODD SEM 2024 - 25**



**VELAMMAL INSTITUTE OF TECHNOLOGY**

### **Vision of the Institute**

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

### **Mission of the Institute**

- 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 achieve academic excellence in the field of Electronics and Communication Engineering and to produce meritorious engineers with human values by imparting high quality technical education.

### **Mission of the Department**

- To foster skilled Electronics and Communication Engineers to meet the current and future demands of industry and society with ethical values.
- To instil leadership quality, nurture entrepreneurial spirit and promote higher studies.
- To create a dynamic ecosystem that elevates innovation and creativity among faculty and students towards research and development.

### **PEO's**

#### **PEO-I: Futuristic Learning**

Graduates will attain excellence in the field of Electronics and Communication Engineering through lifelong learning process by imbibing the new technologies.

#### **PEO-II: Career Development**

Graduates will become successful engineers or researchers or entrepreneurs with social responsibilities.

#### **PEO-III: Professionalism**

Graduates will excel as estimable engineers with ethics, effective communication and leadership skills

## HOD MESSAGE



It is with great pride and enthusiasm that I present this edition of our department's newsletter. Over the past semester, we have witnessed remarkable achievements by our students and faculty — from innovative research projects and academic accomplishments to impactful community outreach and vibrant cultural activities. Our department continues to thrive as a hub of knowledge, creativity, and collaboration. This success is a reflection of the dedication and passion of our faculty, the curiosity and resilience of our students, and the unwavering support of our alumni and partners. As we look ahead, we remain committed to fostering an environment that encourages critical thinking, interdisciplinary learning, and personal growth

# NEWSLETTER EDITOR COMMITTEE

S.No	Designation	Members	Year
1	Editor	Venkatarajupalem Ukesh Kumar	IV Year
2	Editorial Committee	Hari Raaghav d	IV Year
3		Dhanwinraaj j	III Year
4		Nithish Kumar v	III Year
5		Kamesh v	II Year
6		Chelikam Venkatesh	II Year
7	Staff	Shanmathi B	Assistant Professor
8	Coordinator	Ragupathy K	Assistant Professor

# AROUND THE DEPARTMENT



An MoU was signed with **Universal Tech Automation, Coimbatore**, on **August 14, 2024**. The purpose of this MoU is to foster collaboration in research and development, enhancing our educational programs and industry partnerships.

Our department IETE Students' Forum (ISF) successfully organized a two-day National Level Workshop on Network Simulator -3 (NS-3) on August 30-31, 2024.

Our Coordinators:

Mr. K. Ragupathi and  
Mr. M. Kamesh.




On August 1, 2024, Our department faculty members of the ECE Department visited IIT Madras Research Park, Tharamani.

The purpose of the visit was to explore research collaborations and gain insights into innovative projects and industry trends




**Five days value added course on AWS With Devops**

**Hands on Session**




**SANJAY RAJ SK**  
Director,  
RECCSAR, Madurai



**JEYA DEVAN**  
Trainer,  
RECCSAR, Madurai

**09.09.24 - 13.09.24**

**3<sup>rd</sup> Floor Seminar Hall**



Five days Value-Added Course on AWS with DevOps for our IV-Year Students, conducted from September 9 to September 13, 2024, coordinated by Dr. M. Sivarathinabala and Mr. M. Kamesh





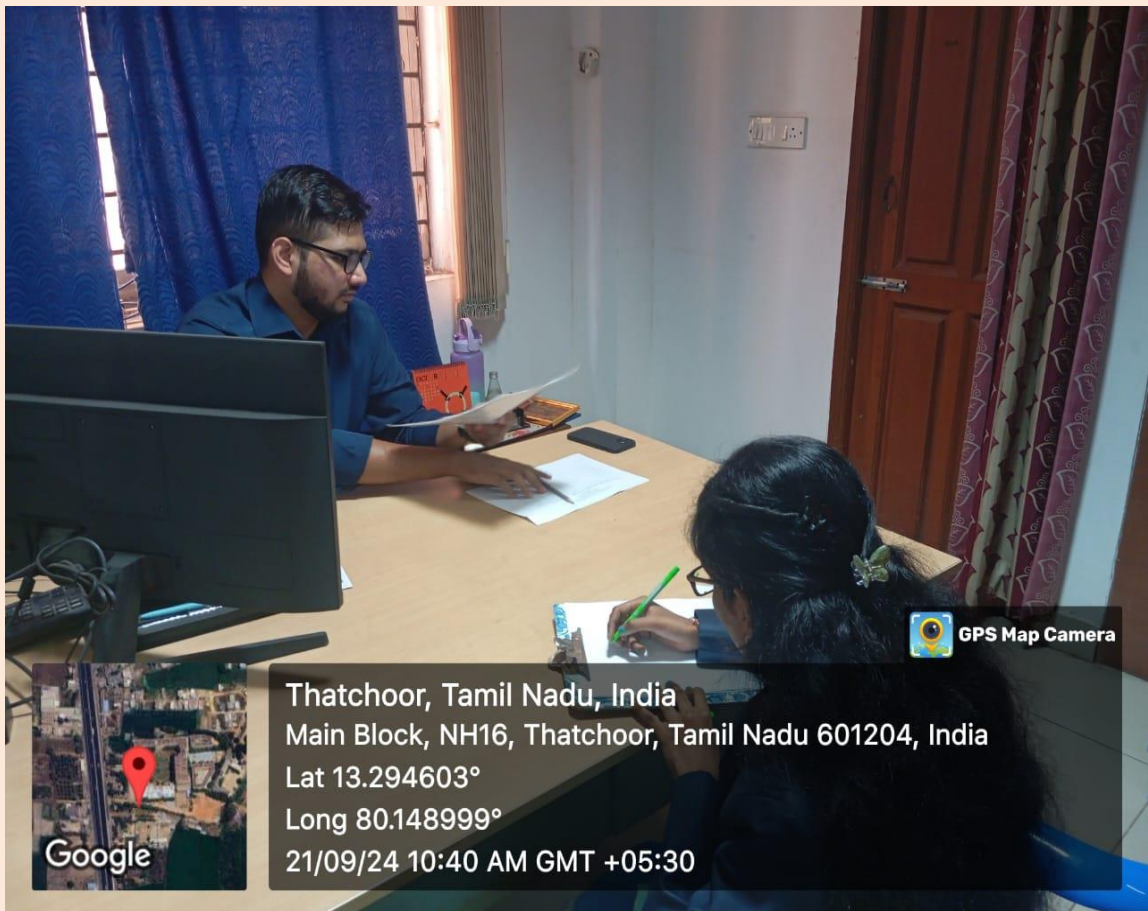
On August 28, 2024, Mr. Muni Bhargav Reddy, our alumnus of the 2017-2021 batch from Sify Technologies, conducted a Placement Interaction session for IV-Year students. Coordinated by Dr. G. Sethuramrao and Mr. M. Kamesh

An ECE Alumni Interaction Meeting was conducted on September 21, 2024, at the Board, presided over by Dr. N. Balaji, Principal, along with ECE faculty members. The alumini meeting was coordinated by Dr. G. Sethuramrao & Mr. K. Ragupathi





A Mock Interview session for IV-Year Students was conducted on September 21, 2024, by our proud alumni members, coordinated by Dr. G. Sethuramrao and Mr. K. Ragupathi



# FACULTY CO



Dr. G. Sethuramrao received his doctorate award from the Honourable Central Minister for Coal and Mines, Mr. Kishan Kumar Reddy, in the auditorium of VIT University.

Dr. M. Sivarathinabala and Mr. K. Ragupathi attended a Research Interaction session with members of the Naval Research Board (NRB) at SRM University, Vadapalani, organized by the IETE Chennai Centre on September 3, 2024.





Dr. M. Sivarathinabala and Mr.M.Kamesh Completed the DEVOPS course and both are certified Devops Associate from Cloud train Technologies.



# STUDENTS CORNER

## EVENT WINNERS LIST

S.No	Branded Project Title	Students Name	Mentor	Outcome
1	Smart home Automation Kit	Dharshan Mohamed Hanifa	Dr. R. Jothi Chitra	Received Best Prototype award at Karpaga Vinayagar Engineering College
2	Trash Collecting Bot Autonomous and Manually	Daniel Amirtharaj B Antony Varshan I Nithilin V	Dr. G. Shanmugaraj	Won 1st Prize in Hardware Hackathon 2.0 at Prathyusha Engineering College. Received rs 5000 cash prize
3	Smart Parking Management System	Jawahar U Hemanth P Akash G	Dr. G. Sethuram	Won 2nd Prize in Hardware Hackathon 2.0 at Prathyusha Engineering College. Received rs 3000 cash prize
4	Enhanced Digital Text Reader for Visually Impaired: Multilingual Support via OTSU Method on Raspberry Pi	Naveen d Thirumaran s Vignesh v	Mr. Vinoth Raj	Won 2nd Prize at Innovate'24
5	Ambulance Traffic control system using Labview	Indhuja v J binu allen infantia Kiruthika g Sumithra k	Mrs. T. Kamalam	Won 1st Prize at Innovate'24

6	Military Based Spy Robot with Multifunctionality	Sanjay k Sivasubramani c Sai vignesh s Deepan sankar J	Mrs. T. Kamalam	Selected in the two rounds level in the event Hackathon at Amrita University, Coimbatore,
7	Integrative Agri-Tech Solutions, " Image Processing Based Crop Disease Identification, Agrivoltaic Roof Top Protection and Crop Fit Selection Machine Using NI My RIO".	Sivasubramani c Sai vignesh s Deepan sankar j	Mrs. T. Kamalam	Selected in the two rounds level in the event Hackathon at Kalaslingam University, Krishnancoil.
8	Detection of Sepsis with Autonomous Robot using Ni myRIO	Arundhathi m Charunya d p Yuvashree r	Mrs. T. Kamalam Dr. G. Sethuram	Won first prize in the event Hackathon. Rs 50000 received from Kalasalingam University
9	Spy Robot using RIO	Sanjay K Sarath kumar M	Mrs. T. Kamalam	Won first prize in the event IoTronix Rs 5000 received from Kalasalingam University



Second Prize – Circuit  
Debugging Event  
Cash Award: ₹750  
Awarded to  
Daranishwar and Sai  
Vignesh from S.A.  
Engineering College

First Prize – Technical  
Quiz  
Cash Award: ₹1,000  
Awarded to Deepan  
Sankar and Siva  
Subramani from S.A.  
Engineering College





First Prize –  
Circuit Debugging –  
Rs. 1000

Awarded to Deepan  
Sankar, Hari Raaghav  
and Siva Subramani  
from S.A. Engineering  
College

Second Prize – Paper  
Presentation – Rs. 750

Awarded to  
Dharshan, Hridai Jain  
and Mohamed Hanifa  
from S.A. Engineering  
College





Prize: Won first  
Rs.5000/-

Project Title: Trash  
Collecting Bot

Autonomous &  
Manually

Daniel Amirtharaj B  
Antony Varshan A I  
Nithiln V

Venue:Prathyusha  
Engineering College



Prize: Won second  
Rs. 3000/-

Project Title: Smart  
Parking management  
system

Jawahar.U  
Hemanth.P  
Akash.G

Venue:Prathyusha  
Engineering College

## SPORTS AND CULTURAL ACHIEVEMENTS

S.No	Name of the Student Won Prize in Sports	Name of the Event	Prize Details	Organization Name	National / State / Zonal / Inter College
1	Arundhathi IV Year	Chess	Runner	Dr. MGR fishers college &research institute- ponneri	Inter college
2	Narmadha, Sushmitha IV Year	Volley ball	Winner	Dr. MGR fishers college &research institute- ponneri	Inter college
3	Narmadha, Sushmitha IV Year	Volley ball	Winner	R.M.K Engineering College	Anna University Zone 1 volleyball Tournament (Women's category)
4	Ganesh, Ferin Kingsly, Naresh, Mano Ajith IV Year	Handball	Runner	Anna University	Anna University Zone 1 Handball Tournament (Men's category)
5	Kishore, Rajavarman IV Year	Kabbadi	3rd position	Anna University	Anna University Zone 1 kabaddi Tournament.
6	Ferin Kingsly IV Year	Tripple jump	2nd position		

Our department student IV ECE Kishore on won the third place in the Anna University Zone 1 kabaddi Tournament.



Our college students on securing third place in the Anna University Zone 1 Handball Tournament (Men's category)

Our department students Narmadha and Sushmitha won the third place in the Anna University Zone 1 volleyball Tournament (Women's category)



Our department students won volleyball Tournament at Dr. MGR fishers college & research institute-ponneri

