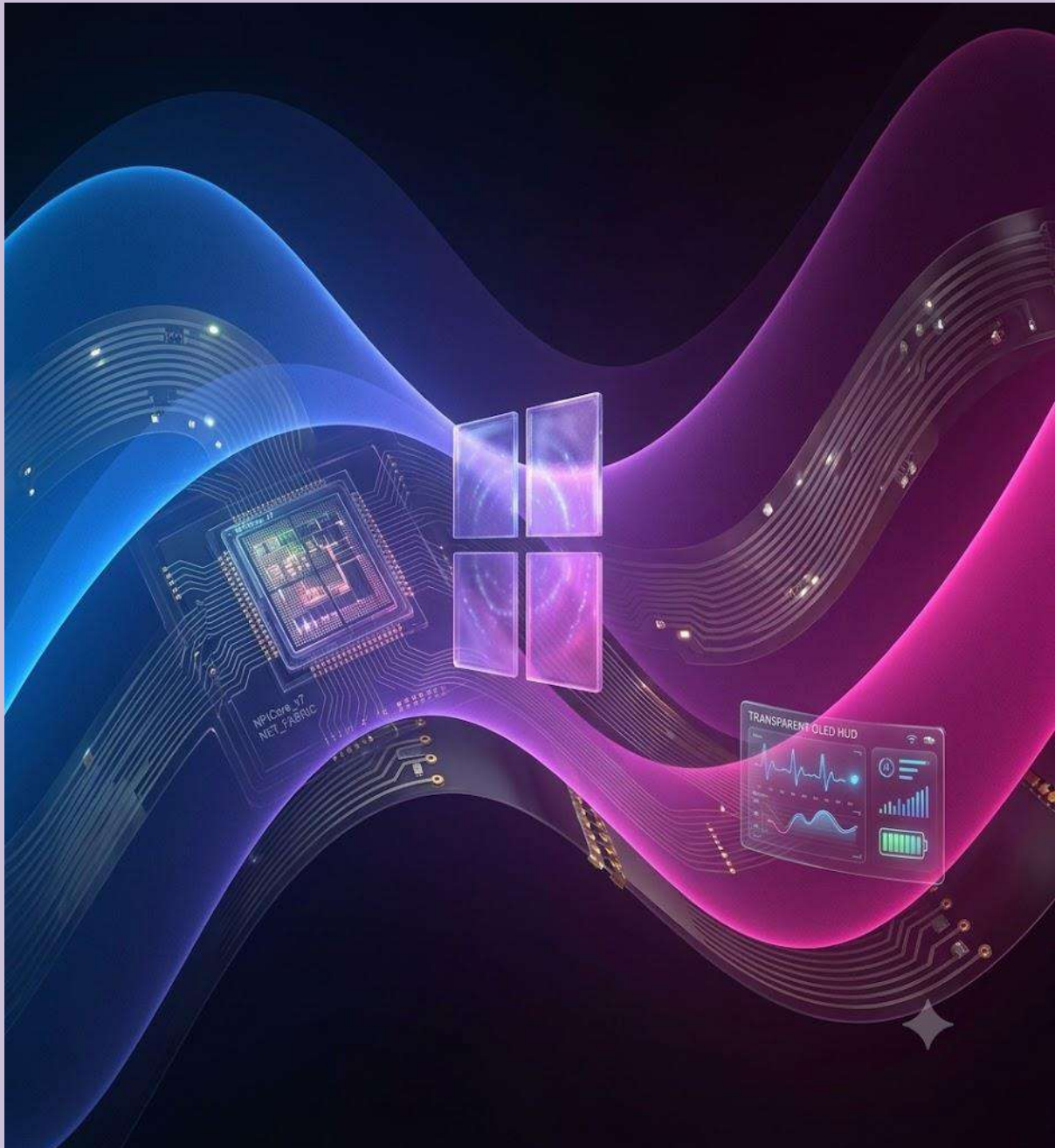


# PROPAGATION

ECE NEWSLETTER

**EVEN SEM 2024 - 25**



**VELAMMAL INSTITUTE OF TECHNOLOGY**

# ABOUT THE INSTITUTION

## 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**

Dear Students, Faculty, and  
Readers,

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. I invite you all to stay engaged, continue striving for excellence, and take pride in the contributions you make to our shared academic journey. Thank you for being a part of our community.

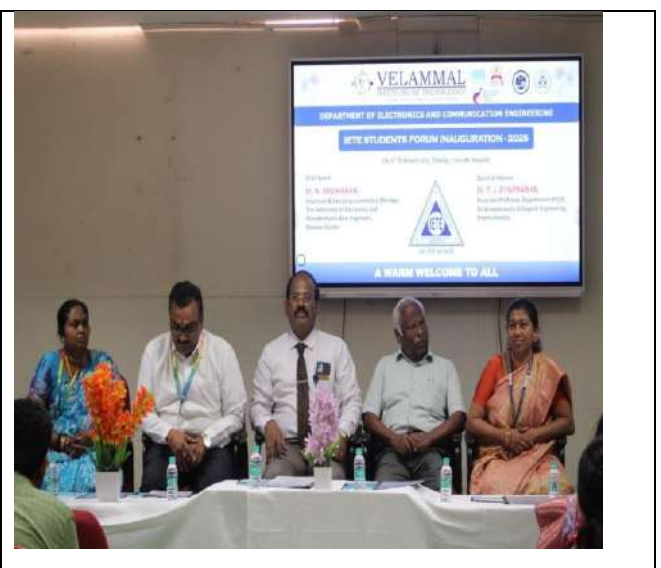
# NEWSLETTER EDITOR'S COMMITTEE

S.No	Designation	Members	Year
1	Editor	Kanmani S	IV Year
2	Editorial Committee	Pula Gnana Chaitanya	IV Year
3		Nithiyasri S	III Year
4		Nithiyasree T	III Year
5		Punugoti Deekshitha	II Year
6		Varun Kumar M	II Year
7	Staff Coordinator	Shanmathi B	Assistant Professor
8		Ragupathy K	Assistant Professor

# AROUND THE DEPARTMENT



The institution was recognized as an **IETE Organisational Member** on **29 November 2024** with the membership number **G00682**. This membership strengthens the institution's association with the Institution of Electronics and Telecommunication Engineers and promotes technical excellence, professional networking, and student development activities.



The IETE Student Forum Inauguration was held on 17th February 2025 with great enthusiasm and participation from students and faculty members. The event was graced by Er. N. Sridharan, Chairman of IETE Chennai Centre, and Dr. T.J. Jeyaprabha, Associate Professor, SVCE, as the chief guests. The inauguration aimed to encourage students to actively engage in technical activities, innovation, and professional development through the IETE forum.



The IEEE Student Branch Inauguration was conducted on 3rd March 2025 with active participation from students and faculty members. The event was honored by the presence of Dr. S. Radha, Principal of SSN College of Engineering, and Dr. M. Kavitha from IIT Madras as the chief guests. The inauguration emphasized the importance of technical excellence, innovation,



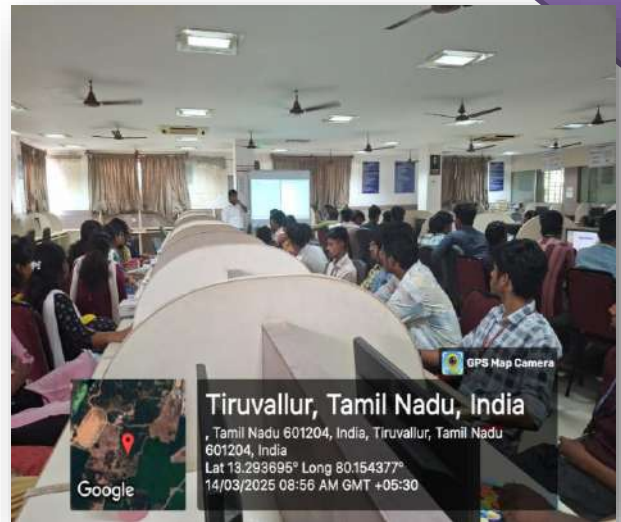
The International Conference on Artificial Intelligence, 6G Communications and Network Technologies (ICA6NT-2025) was successfully conducted on 27th and 28th March 2025. The conference was inaugurated in the presence of Dr. D. Ethirajan, Director of CDAC Chennai, and P. Poonguzhali, Scientist-E, CDAC, as the chief guests. The event provided a valuable platform for researchers, academicians, and students to discuss recent advancements, innovations in AI.



On the sidelines of the Institution Alumni Meet 2025, an ECE Alumni Interaction Meeting was conducted on 1st March 2025 at the Board. The meeting was presided over by Dr. B. Sridevi HOD-ECE, along with ECE faculty members. The session was coordinated by Dr. G. Sethuramrao and Mr. K. Ragupathi.



The IEEE Communication Society and IEEE Women in Engineering (WIE) Affinity Group were initiated on 3rd March 2025 to promote technical collaboration and professional development among students and faculty members. The initiative began with the active involvement of 3 staff members and 12 student members, encouraging participation in networking, leadership, and emerging technology activities under IEEE.



The Value Added Course on LABVIEW was conducted from 7th March 2025 to 14th March 2025 to enhance students' practical knowledge in virtual instrumentation and system design. The course was led by Mr. Anish Kumar from Adhya Infotech, Chennai, and coordinated by Dr. G. Sethuram Rao and Ms. T. Kamalam. The program provided hands-on training and helped students gain industry-oriented technical skills in LABVIEW applications.

**VELAMMAL INSTITUTE OF TECHNOLOGY**  
Approved by AICTE, New Delhi, Affiliated to Anna University - Chennai  
"Velammal Knowledge Park", Chennai - Kottatta Highway, Pinneri - 602004

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**Guest Lecture on VLSI & Chip Design**

**Our Guest Speaker**  
**Dr P SUVEETHA**  
PROFESSOR, VCET, Madurai

Wednesday  
06 November 2024  
Online Mode

11 : 00 AM - 12 : 30 AM  
III ECE Students

Dr. Sathuram G. Associate Professor, ECE Department  
Dr. B. Sridevi, Professor & Head, ECE Department  
Dr. S. Soundararajan, Vice Principal  
Dr. N. Balaji, Principal

For Admissions contact:  
"Velammal Knowledge Park", Chennai - Kottatta Highway,  
Panchetti, Tiruvallur Dt. Tamil Nadu.  
Email - admissions@velammalitech.edu.in

Register Online @  
[www.velammalitech.edu.in](http://www.velammalitech.edu.in)



A Guest Lecture on VLSI & Chip Design was conducted on 6th November 2024 for III Year ECE students. The session was delivered by Dr. P. Suveetha, Professor, VCET, Madurai, who shared valuable insights into VLSI technology, chip design concepts, and current industry trends. The lecture was coordinated by Dr. G. Sethuram Rao and provided students with enhanced understanding of emerging opportunities in semiconductor design and integrated circuits.

**VELAMMAL INSTITUTE OF TECHNOLOGY**  
Chennai - Kattappa Highway, Panchetti, Noida

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Organizes  
Guest Lecture on "C Programming and Data Structures"

**S. SIVAGAMI, Assistant Professor**  
AVICHI COLLEGE OF ARTS AND SCIENCE

Target Audience: II yr ECE Students  
Venue: First floor Seminar hall  
Date: 26.11.2024

**F.N & A.N sessions**

Dr. M. Matha, Convener  
Dr. B. Sridevi, HOD-ECE  
Dr. S. Soundararajan, Vice Principal  
Dr. N. Balaji, Principal



A Guest Lecture on C Programming & Data Structures was conducted on 26th November 2024 for II Year ECE students. The session was delivered by Ms. S. Sivagami, Assistant Professor, Avichi College of Arts & Science, who explained fundamental concepts of programming and data structures with practical insights. The lecture helped students strengthen their coding skills and understanding of problem-solving techniques.

**VELAMMAL INSTITUTE OF TECHNOLOGY**  
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Velammal Knowledge Park, Chennai - Kattappa Highway, Porur - 600094

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Guest Lecture on Signals and System

Friday  
08 November 2024

Our Guest Speaker  
**DR. PRITI RISHI**  
ASSOCIATE PROFESSOR  
SRM Vadapalani

11:00 AM - 1:00 PM  
II ECE Students

Dr. K. Menaka, Associate Professor, ECE Department  
Dr. B. Sridevi, Professor & Head, ECE Department  
Dr. S. Soundararajan, Vice Principal  
Dr. N. Balaji, Principal

944-22446300 +9190876 44626 +91 90876 56789

Register Online @ [www.velammalitech.edu.in](http://www.velammalitech.edu.in)



A Guest Lecture on Signals & Systems was conducted on 8th November 2024 for II Year ECE students. The session was delivered by Dr. Priti Rishi, Associate Professor, SRMIST, Vadapalani, who provided valuable insights into signal analysis and system concepts with practical applications. The lecture was coordinated by Dr. K. Menaka and helped students strengthen their understanding of core communication engineering principles.



**VELAMMAL INSTITUTE OF TECHNOLOGY**  
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"Velammal Knowledge Park", Chennai - Kolkatta Highway, Hosur - 600076

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Best Career Options in GATEway to Public Sector Undertakings (PSUs) & Higher Education**

**TUESDAY**  
05 November 2024

**TIME**  
10:40 AM-12:40 PM



**Mr. Murali Karthikeyan**  
Head - Academics (GATE)  
T.I.M.E Education Chennai Private Ltd

**VELAMMALITECH**  
First floor seminar hall

10:40 AM-11:40 AM - II Year Students  
11:40 AM-12:40 PM - III Year Students

Dr.G. Shanmugaraj Associate Professor ECE Department  
Dr.B. Sridevi Professor & Head ECE Department  
Dr.S. Soundararajan Vice Principal  
Dr.M. Balaji Principal

044-22446300 +9190076 44626 +91 90075 56789

For Admissions, contact  
"Velammal Knowledge Park", Chennai - Kolkatta Highway,  
Pancharatti, Thiruvallur Dist, Tamil Nadu,  
Email : admissions@velammalitech.edu.in

Register Online @  
[www.velammalitech.edu.in](http://www.velammalitech.edu.in)



A Guest Lecture on “Best Career Options in GATEway to PSUs & Higher Education” was conducted on 5th November 2024 for II and III Year ECE students. The session was delivered by Mr. Murali Karthikeyan, Head-Academics-GATE, TIME Education Chennai, who provided valuable guidance on GATE preparation, career opportunities in Public Sector Undertakings, and higher education pathways. The lecture was coordinated by Dr. G. Shanmugaraj and helped students gain clarity about their future career prospects.

# FACULTY CORNER



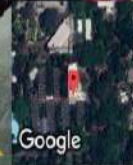
Our ECE faculty members Dr. R. Jothi Chitra, Dr. M. Sivarathinabala, and Mr. K. Ragupathi attended the IEEE-EBSCO Knowledge Feast Program, along with Dr. N. Balaji, Principal, and Dr. Murugan, Librarian on 08-11-2025



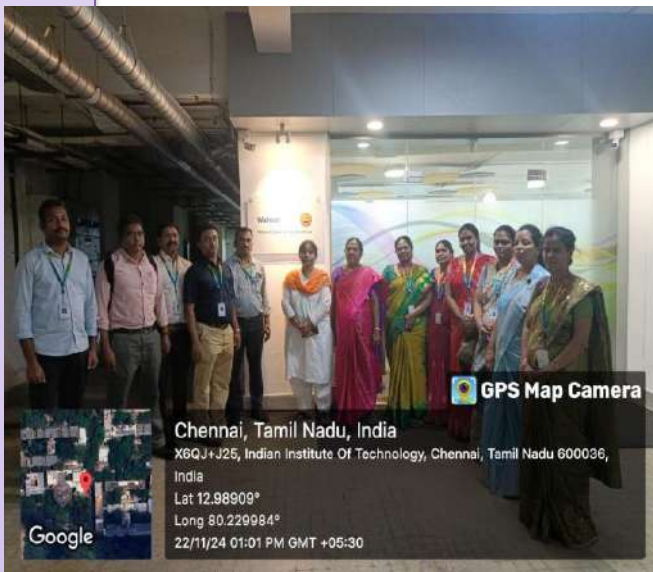
Dr. B. Sridevi, Professor & Head/ECE, and Dr. G. Shanmugaraj, Associate Professor, attended the MathWorks Seminar 2024 organized by MathWorks, ARK, and ICT Academy on 12th November 2024.



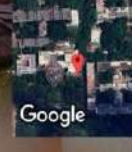
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The faculty members of the ECE Department visited the 5G Testbed Lab, Walmart Centre for Tech Excellence, and IIT Madras Innovation Centre on 22nd November 2024 for research interaction and academic collaboration. The visit provided valuable exposure to emerging technologies and facilitated discussions on innovative research opportunities in the field of advanced communication systems and technology development.



Our ECE faculty members Dr. M. Sivarathinabala, Ms. T. Kamalam, and Ms. Janish Blessy visited the EFY EXPO at Chennai Trade Centre on 13th December 2024 to explore the latest innovations in electronics and technology.



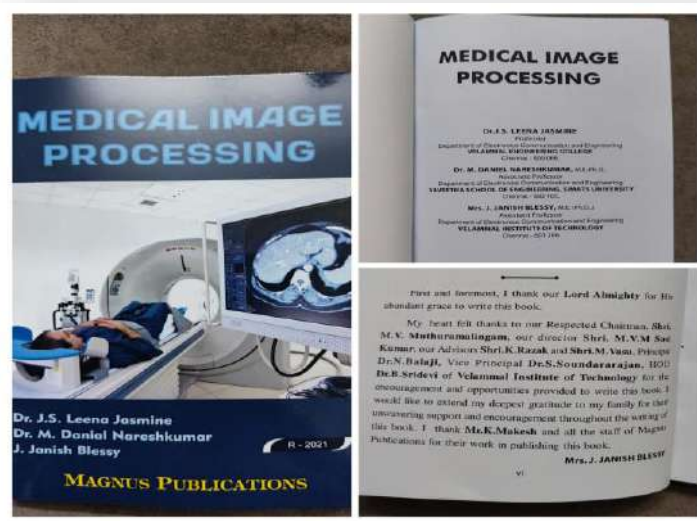
The faculty members visited CVRDE on 24th January 2025 as part of the Millennium Day Celebration. The visit provided an opportunity to interact with experts and gain insights into recent advancements in defense technology, research, and innovation activities carried out at CVRDE.



The head of the Department Dr.B.Sridevi and Dr.R.Partheeban participated in Inventiv 2025, showcasing innovation, technical creativity, and emerging engineering solutions. The event provided an excellent platform to explore cutting-edge technologies, interact with innovators, and gain exposure to research and industry advancements.



The head of the Department Dr.B.Sridevi and Dr.Sivarathinabala visited IIT Madras and Keysight Technologies to gain exposure to advanced research facilities and industry practices. The visit provided valuable insights into emerging technologies, innovation, and real-time applications in the fields of electronics, communication, and testing solutions.



Ms. J. Janish Blessy, ECE faculty member, has published a Book on Medical Image Processing as a co-author. Her work contributes to advancements in the field of medical imaging and technology.



A Value Added Workshop on LABVIEW was conducted from 7th to 11th February 2025 at Annamacharya Institute of Technology, Tirupati, Andhra Pradesh. Dr. G. Sethuram Rao from the ECE Department served as the Resource Person for the four-day workshop and provided hands-on training in LABVIEW applications and virtual instrumentation.

# STUDENT CORNER

## Event Participation

S. No.	Team Members	Details of the Project		Event Date	Winner/ Runner Up/ Participated If Prize Money
		Title	Name of Organization/ Event Type		
1	1.Nithyashree.T (Team Leader) 2.Thirumaran.S 3. G.Dharshan 4. Shincy III Year ECE B & IV Year ECE A	Development of innovative design for flushing systems in western toilet sheets which can be used for deployment in public toilets	AICTE- Smart India Hackathon	11.12.24-15.12.24	Selected for Grand Finale
2	1. Sanjay Ganesh. A 2. P.Bharath 3. Neelesh S L 4. T.Deepan Balaji III Year ECE B	Smart Home stick	IEEE student Branch, SSN Engineering College-Vortex Hackathon 2025	24.02.25	Received Participation certificate
3	1.Daniel Amirtharaj 2.Bhoumik Reddy III Year ECE A &B	Sign language to text bridging the communication by AI	Vel Tech High Tech Dr. Rangarajan Dr Sakunthala Engineering College-Aavishkarr-2025	14.03.25	Got Participation Certificate
4	1.Deepan Shankar 2. Sanjay IV Year ECE A & B	Sentinal military based Autonomus Spy Robot	Vel Tech High Tech Dr. Rangarajan Dr Sakunthala Engineering College-Aavishkarr-2025	14.03.25	Got Participation Certificate

5	1.Dharshan.G, 2.Sathish N, 3.Mohammed Hanifa M	Health Application For Patients With Chronic Diseases	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
6	1.Narmatha S, 2.Kanmani S, 3.Susmitha L	Automatic Self-Cleaning Toilet System with UV Disinfection	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
7	1.Varshini.S.R, 2.G.Akshaya, 3.Sneha.J	Comprehensive Learning Management System	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
8	1.T.Supraj Kumar, 2.Hemanth.V, 3.V.Sivakumar	AI-Based Sentiment Analysis	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
9	1.Rogeeth R, 2.Naresh Krishna G, 3.Abishek V	Certification Management	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
10	1.Sharada S, 2.Sai Preethi KP, 3.Papita Biswas	Communication Challenges In Remote Areas	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
11	1.Sarath Kumar.M, 2.Ganesh.M, 3.Saravana.P	AI-Powered Traffic Management System	Nan Mudhalvan-Niral Thiruvizha 2.0	05.03.25	Sanctioned fund Rs 10,000
12	1.Sanjay Ganesh, 2.Balaji	IoT based smart Vehicle Accident detection and Alert system	Anna university- ED CELL –Project	FEB-2025	Selected for II Round

13	1.Sivasubramani C, 2.Sanjay K, 3.Deepan Sankar J, Sai Vignesh S	Solar Powered Weapon Deployable Military Surveillance and Assistant Bot	Anna university- ED CELL –Project	FEB-2025	Selected for II Round
14	Mohammed Hanifa M , Dharshan G, Sathish N	Smart inhelar	Anna university- ED CELL –Project	FEB-2025	Selected for II Round



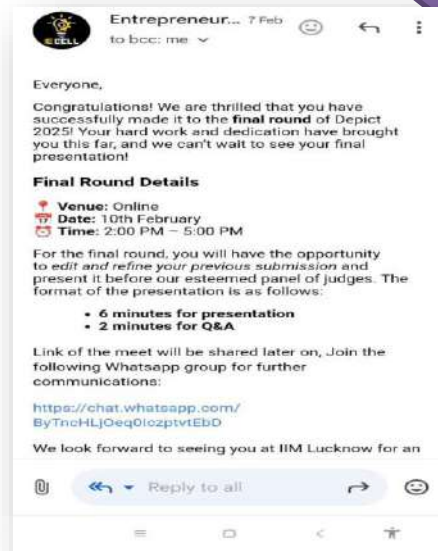
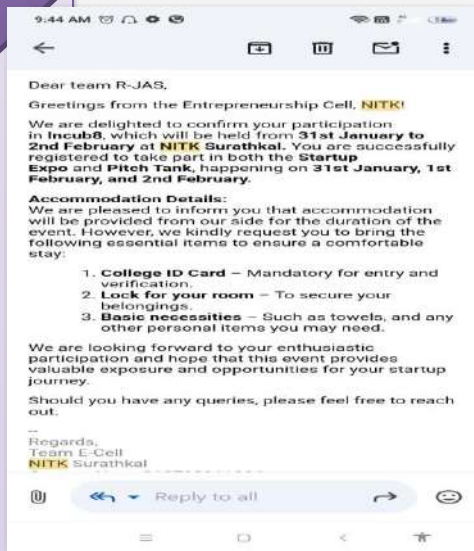
The students of the ECE Department participated in the SIH Grand Finale with an innovative project titled “Development of Innovative Design for Flushing Systems in Western Toilet Seats for Public Toilets.” The team comprised Nithyashree T (Team Leader), Thirumaran S, G. Dharshan, and Shincy from III Year ECE B and IV Year ECE A. Their project focused on developing smart and efficient sanitation solutions aimed at improving hygiene and sustainability in public facilities.



Our ECE students Mr. Vamsi Krishna, Ms. Arundati, Ms. Charunya, and Ms. Yuvasree brought laurels to the department by winning a cash prize of Rs. 50,000 in the Hexaware Mavericks Hackathon held on 9th December 2024. Their achievement highlighted their innovation, teamwork, and technical excellence in solving real-world challenges through creative technological solutions.



Our ECE students Ms. Ganapathi Thanuja undergone Internship Training in SDSC SHAR, Sriharikota from 10-12-2024 to 10-01-2025



Mr. Sai Vignesh of IV Year ECE B participated in the Start-Up Expo and Pitch Tank conducted at NIT Surathkal from 31st January 2025 to 2nd February 2025. The event provided an excellent platform to showcase innovative ideas, entrepreneurial skills, and startup concepts while interacting with industry experts and innovators.

Mr. Sai Vignesh of IV Year ECE B was selected for the final round of Depict 2025 conducted at IIM Lucknow on 10th February 2025. His achievement reflects innovation, creativity, and entrepreneurial excellence in presenting impactful ideas at a prestigious national-level platform.



Our ECE students B. Divagar received the “Best Coach Award” at the Noble Seva Ratna Award Ceremony held on 30th March 2025. This recognition was awarded in appreciation of his dedication, leadership, and outstanding contribution towards coaching and mentoring students to achieve excellence.



Our students of III Year ECE A & B, Daniel Amirtharaj and Bhoumik Reddy, participated in AAVISHKAAR-2025 Project Expo with their project titled “Sign Language to Text – Bridging Communication through AI.” The project focused on utilizing Artificial Intelligence to convert sign language into text, aiming to improve communication accessibility for individuals with hearing and speech impairments.



Our IV Year students of Bala Prakash served as a Jury Member for the cultural competition “Pratidhvani 2024” conducted at DAV Secondary School on 16th November 2024. His participation reflected his support and encouragement towards students’ cultural talents and extracurricular activities.

## PLACEMENT DETAILS

S.No	Name of the Student Placed	Name of the Company Placed	Number of Offers	Salary package
1	Abishek V	Zoho, Crio.do	2	5.6 LPA, 4 LPA
2	Annal Abinaya Varsha A	Crio.do	1	4 LPA
3	Archana A	NS Instruments	1	3.5 LPA
4	Arundhathi M	Hexaware	1	6 LPA
5	Bala Prakash P	Crio.do	1	4 LPA
6	Charunya D P	Hexaware	1	6 LPA
7	Deepan Sankar.J	Accenture	1	4.5 LPA
8	Devika S	HCL	1	4.25 LPA
9	Dharshan.G	Yaar Tech, Hexaware	2	5.4 LPA, 6 LPA
10	Dinosiya Mary A	Supernova	1	3 LPA
11	Dommaraju Hanvitha	Crio.do	1	4 LPA

12	Farzana Begum A	LTI Mindtree	1	4.05 LPA
13	Ferin Kingsly M	Faceprep	1	4 LPA
14	Gajalakshmi A	Hexaware	1	6 LPA
15	G.Akshaya	Hexaware	1	6 LPA
16	Hridai Jain .D	Crio.do	1	4 LPA
17	Indhuja V	NS Instruments, Oracis	2	3.5 LPA
18	Jasmin Irfana .Z	Supernova	1	3 LPA
19	J Binu Allen Infanta	Yaar Tech	1	5.4 LPA
20	Jebastin D	Crio.do	1	4 LPA
21	Keerthi B	Oracis	1	3 LPA
22	Keerthika M	Oracis	1	3 LPA
23	Logeshwaran S	Supernova	1	3 LPA
24	Mikkili Mano Ajith	Zoho	1	5.6 LPA
25	Mohammed	Supernova	1	3 LPA

	Hanifa M			
26	Nadipatti Subramanyam	Hexaware	1	6 LPA
27	Nafisa Parvin S	Hexaware	1	6 LPA
28	Narmatha S	Faceprep	1	4 LPA
29	Naveen D	LTI Mindtree	1	4.05 LPA
30	Papita Biswas	Crio.do, Tech Mahindra	2	4 LPA, 3 LPA
31	Piriyadharshini E	LTI Mindtree	1	4.05 LPA
32	Rajavarman A	NS Instruments	1	3.5 LPA
33	Ramprawin U	Dhaksha Drones	1	3 LPA
34	Ravi Kumar Reddy Sangana	Polycab	1	4 LPA
35	Sai Vignesh S	Karomi	1	4 LPA
36	Sandhiya B	LTI Mindtree	1	4.05 LPA
37	S Vishnuvardhan	Polycab	1	4 LPA
38	Sanjay K	HTIC	1	3 LPA

39	Sarath Kumar M	Hexaware	1	6 LPA
40	Sivasubramani C	HCL,HTIC	1	4.25 LPA
41	Sneha .J	Crio.do, Oracis	1	4 LPA
42	Srinidhi M	Accenture	1	4.5 LPA
43	S Sharada	NS Instruments	1	3.5 LPA
44	Sujithkumar S M	Faceprep	1	4 LPA
45	Sumithra K	LTI Mindtree	1	4.05 LPA
46	Susmitha L	Faceprep	1	4 LPA
47	Swedha V	Yaar Tech	1	5.4 LPA
48	Varshini S R	Accenture	1	4.5 LPA
49	Vignesh.V	Accenture	1	4.5 LPA
50	Yeshwantikaa V M	Infosys	1	3.6 LPA
51	Yuvashree R	HCL	1	4.25 LPA