



Sri Venkateswara
College of
Engineering

Autonomous Institution, Affiliated to
Anna University, Chennai
Approved by the AICTE, Accredited by NAAC

VIDYUT

NEWSLETTER SEPTEMBER 2024
VOLUME II - ISSUE 9



Phone:
044-27152000 (Extn: 250)



Email:
hodee@svce.ac.in



NEWSLETTER EDITORIAL TEAM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Dr. KR. Santha
Professor & Head



Dr. Sudhakar K Bharatan
Professor



Dr. R. Karthikeyan
Professor



Ms.S.Sinthamani
Assistant Professor



Ms.K.S.Pavithra
Assistant Professor

NEWSLETTER EDITORIAL TEAM



Ms. T. Kavinaya Sree
IV Year



Ms. G.T.Kanishkha
IV Year



Ms. B. Pavithra
III Year



Mr. L. Hritish Calvin
III Year



Mr. W. Sherwin Bino
III Year

TABLE OF CONTENTS

Page No.

1.	ABOUT THE DEPARTMENT.....	4
2.	VISION AND MISSION.....	5
3.	PROGRAM EDUCATIONAL OBJECTIVES AND PROGRAM OUTCOMES.....	6
4.	EVENTS ORGANIZED	9
5.	PROJECT FUNDING	23
6.	INDUSTRY INSTITUTION INTERACTION	27
7.	STUDENT ACHIEVEMENT AND PARTICIPATION	29
8.	FACULTY ACHIEVEMENTS.....	47

ABOUT THE DEPARTMENT

Welcome to the Department of Electrical & Electronics Engineering (EEE)

Established in 1985, the department was created to address the curriculum requirements of Electrical engineering subjects within Electronics and Communication Engineering, Mechanical Engineering, and Computer Science Engineering. Initially admitting 60 students, the department now accommodates 120 students, reflecting the growing demand for its programs.

The department holds permanent affiliation with Anna University and has been accredited by the National Board of Accreditation (NBA) for five consecutive years. Additionally, it offers a postgraduate program (M.E) in Power Electronics and Drives since 2002, with an intake capacity of 6 students. Equipped with state-of-the-art laboratories, the department is recognized as a nodal research center by Anna University. Its faculty and staff members are highly qualified and experienced, possessing proven abilities and skills.

Graduates of the department have been successfully placed in renowned companies, while a significant number pursue advanced studies abroad. The Department goes beyond the curriculum to nurture young minds by fostering technical clubs that promote technical events, community development, societal impact, and programs on universal values and ethics.

In line with this commitment, the Department of Electrical & Electronics Engineering has established the Institute of Electrical and Electronics Engineers (IEEE) and the Association of Electrical and Electronics Engineers (AEEE) to support students' innovations.

EEE – WE LIGHT THE WORLD



VISION AND MISSION OF THE INSTITUTION AND DEPARTMENT

Vision of the Institution

To gain acclaim as an institution of eminence on a national and global scale, through the contributions and accomplishments of the individuals, nurtured by the facilities and support.

Mission of the Institution

M1. To establish a motivational framework through provision of infrastructure and resources that actively engages the individuals in core activities of learning, education, research and innovation

M2. To advance the competency of the individuals to comprehend the requirements of the society and fulfill them, through honing of their skills and virtues.

M3. To leverage institutional experiential learning to address engineering and technological challenges on national and global scales.

Vision of the Department

To become a premier Department in Electrical and Electronics Engineering through quality education, research and innovation, to address contemporary societal challenges with cutting-edge technologies.

Mission of the Department

M1: To periodically upgrade the facilities and resources such that the students excel in Electrical and Electronics Engineering education.

M2: To equip students with a well-defined domain specific curriculum thereby achieve industry standards and sustainable development of the society.

M3: To promote a culture of research, innovation, and entrepreneurship through collaborative learning in the thrust and allied areas of Electrical and Electronics Engineering.

M4: To inculcate soft skills, foster ethical values and shape the total personality of the students.

PROGRAM EDUCATIONAL OBJECTIVES AND PROGRAM OUTCOMES – UG(EEE)

Program Educational Objectives (PEOs) UG-EEE

PEO1: Graduates will serve as engineering contributors in the emerging fields of Electrical, Electronics and Computer Engineering.

PEO2: Graduates will become entrepreneurs through human centered design thinking and innovation.

PEO3: Graduates will be successful in pursuing higher studies in engineering or management.

PEO4: Graduates will be effective and ethical team player in the field of green energy management and sustainability.

Program Outcomes (POs) for UG-EEE

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 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 AND PROGRAM SPECIFIC OUTCOMES – UG(EEE)

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 lead.
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.

Program Specific Outcomes (PSOs)

PSO1: The ability to build, implement, test and maintain analog and/or digital systems and implement electronic control of Drives for Industrial automation and Electric Vehicle.

PSO2: The ability to analyze Power System network encompassing stability, control and protection and interconnection of Renewable Energy Sources with Micro and smart grid.

PROGRAM EDUCATIONAL OBJECTIVES AND PROGRAM OUTCOMES – PG(EEE)

Program Educational Objectives for PG Program (PEOs)

- I. Contribute professionally in fields of Power Electronic and related domains.
- II. Manage and execute research and development projects leading to technological solutions that address industries and society.
- III. Succeed in pursuing higher studies in engineering domains.

Program Outcomes (POs) for PG-PED

PO1: An ability to independently carry out research/investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report/document.

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

Program Specific Outcomes (PSOs) for PG-PED

PSO1: The ability to design and analyze Power Electronic converters and control of Electric drives for Industrial applications.

PSO2: The ability to apply Power Electronic Circuits in Transmission and distribution network of Power System and interconnection of Renewable Energy.

EVENTS ORGANIZED

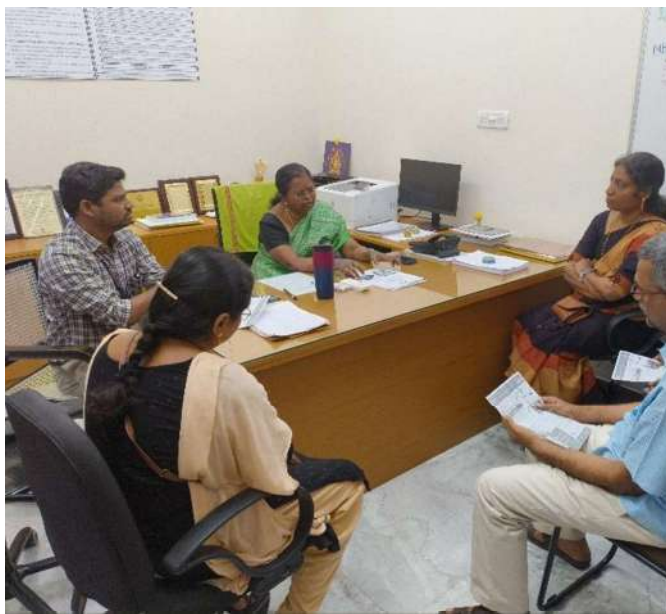
PARENTS DAY MEET - I (Seniors) (Academic Year: (2024-2025)/ ODD)(14/09/2024)

Parents' day meet for students of senior years for the ODD semester of academic year (2024-2025) was held on 14/09/2024, Saturday. After meeting with subject teachers, **Dr.KR.Santha, HoD/EEE** along with **AHoD/EEE Dr.Sudhakar K B** interacted with the parents and discussed elaborately about the Career planning, internship, higher studies, importance of project work and placement in core industries. She also elaborated on vis-à-vis basis the semester abroad scheme with parents. The following point were mentioned by our HOD in the meeting,

1. Printed notes to be distributed to students
2. More number of tests to be conducted
3. Coaching for higher studies in college itself



The welcome desk team and Parents at welcome Desk



Parents' Interaction with HoD/EEE at her chamber



Faculty Advisor interaction with the students and parents



Subject Teacher interaction with the parents



AEEE INAUGURATION

The Inauguration of the Association of Electrical and Electronics Engineers (AEEE) for the academic year 2024-25 was held on the **19th of September 2024**. The event focused on the theme “**Industry 4.0 in Manufacturing Industries**” and witnessed the participation of around 100 students from the third year Electrical and Electronics Engineering department.

The chief guest of the event **Mr. Mukesh J, Senior Engineer at Lucas TVS**, Chennai formally inaugurated the event with the ceremonial lighting of the lamp, signifying the beginning of a new academic journey for the AEEE. **Dr. KR Santha, Vice Principal, Professor and Head dept of EEE**, in her inaugural speech introduced the AEEE faculty coordinators, **Dr. S. Arulmozhi, Associate Professor, Mr. S. Sudharsanam, Assistant Professor, and Mr. N. Suresh, Assistant Professor**, acknowledging their support and guidance in steering the activities of the association. The office bearers for the new academic year 2024-25 were introduced and the newly elected members of AEEE were presented to the audience.

Mr. Mukesh shared his expertise on the theme "Industry 4.0 in Manufacturing Industries". The key points covered in his presentation were: Evolution of Industry 1.0 to 4.0, Pillars of Industry 4.0, Role of Python and SQL and a Case Study on Real-time implementation of Industry 4.0 technologies at Lucas TVS, focusing on the integration of RFID and PLC systems for improved traceability and efficiency.



Inaugural Address by Dr. KR. Santha, HOD/EEE and Guest Lecture by Mr. Mukesh J

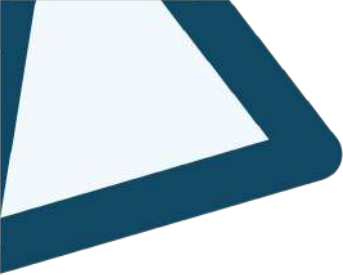


AEEE Coordinators and Student Members with HOD/EEE and Guest Speaker

Board of Studies Meeting AY (2024-25)

The first meeting of Board of Studies in the academic year 2024-25 for Electrical and Electronics (EE) Engineering was held on **23.09.2024** Monday through Online mode (Google meet link: <https://meet.google.com/xsj-wdyy-hqk>). The BOS members are,

Sl.No	Member	Designation
Expert nominated by the Vice-chancellor		
1	Dr.C.Pugazhendhi Sugumaran	Professor, Department of Electrical & Electronics Engineering, CEG, Anna University, Chennai.
Representative from Industry		
2	Mr.P.S.Premkumar	Managing Director, Controlsoft Engineering India Pvt Limited,No.534 East coast Centre, 1st Floor, Anna Salai,Teynampet, Chennai-18.
Experts in the Subject from outside the College		
3	Dr.P.Somasundaram	Professor, Department of Electrical and Electronics Engineering, CEG, Anna University, Chennai.
Meritorious Alumni		
4	Mr S.Akash	CEO, MuPhile Labs, 83, Arunachalam St, Chintadripet,Chennai- 600 002.
Chairman-Board of Studies		
5	Dr.KR. Santha	Professor and Head, Vice Principal, Department of Electrical and Electronics Engineering.
And all Faculty Members of EEE		



Dr KR.Santha Chairman-Board of Studies-EEE welcomed the BoS members for the meeting and mentioned the Agenda as follows.

- A. Approval for the inclusion of the course '**Introduction to VHDL**' under '**Vertical VI - Semiconductor Technology**' in the B.E Electrical and Electronics Engineering curriculum under R2022 (CBCS).
- B. Approval for the inclusion of course '**Standards on Electrical Engineering**' in VII semester B.E Electrical and Electronics Engineering curriculum under R2022 (CBCS).
- C. Approval for identified courses to proceed '**Semester in Abroad**' program with **Lawrence Technological University (LTU)** for B.E Electrical and Electronics Engineering students under R2022 (CBCS).
- D. Approval for the inclusion of **three identified courses** in B.E Electrical and Electronics Engineering curriculum under R2022 (CBCS) for '**Semester in Abroad**' programme.
- E. Discussion on '**Semester in Industry**' programme for the B.E Electrical and Electronics Engineering students under R2022 (CBCS).
- F. Approval for implementing the identified '**Industry Supported Course**' for B.E Electrical and Electronics Engineering students under R2022 (CBCS).

COURSES NAME AND SUBJECT HANDLING FACULTY in LTU

1. Advanced Digital Electronics (EEE3223) - Dr. Lisa A
2. Advanced Digital Electronics Lab (EEE3221) - Dr. Lisa A
3. Unified Robotics I (MRE2024) - Dr. James M
4. Software Engineering I (MCS3643) - Dr. Haissam B
5. Alternative Energy Engineering (EME5373) - Dr. Robert F

Approval for identified courses to proceed '**Semester in Abroad**' program with

Semester Abroad Program at Lawrence Technological University, Michigan, USA:

- HOD/EEE elaborated on the semester abroad program which has been established with LTU, Michigan, USA. Some of the features of agreement include

List of courses offered by LTU during Spring and Fall 2025 with Pre-requisite

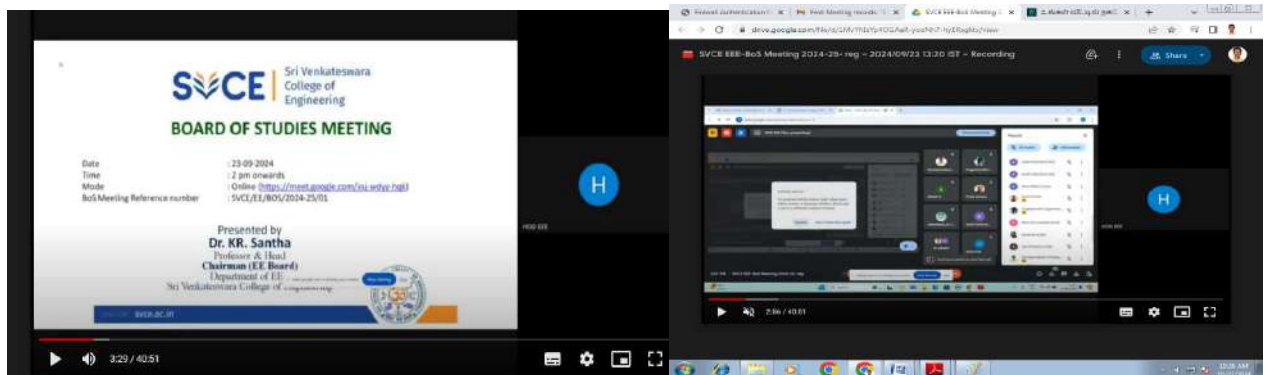
- All the credits earned by the students at LTU will be transferred with the approval of Board of studies and Academic Council, SVCE.
- In connection to the above, LTU Professors, **Dr.George Pappas, Dr.Hamid Vejdani, and Dr. Eric Martinson**, will be visiting SVCE campus on 19th October, 2024, for interaction with students and faculty members

Semester in Industry:

- The Chairman of BOS, EEE told that the MoU with the industry “Samsung India Electronics Private Limited” is in action, as signed by the Department of EEE, SVCE, with the Industry to enhance Industry interaction.
- Dr.C.Pugazhendhi Sugumaran, Professor, AU, requested to implement the validity of MoU signed with Industries for a minimum of 4 year. This is required because the R2022 curriculum has a lifespan of 4 years
- Dr.C.Pugazhendhi Sugumaran, Professor, AU, asked to document the Teaching and Learning process and method of evaluation followed in Industry, and this process need to be clarified before the students enter into their sixth semester under R2022.

Industry Supported Courses:

- The Chairman of BOS, EEE informed that 20% of the course ‘**EE22602-Industrial Automation and Networking**’ in B.E. (Electrical and Electronics Engineering) curriculum under R2022 (CBCS) will be handled by **Mr.P.S.Premkumar** from Controlsoft Engineering India Pvt limited.



Screenshot of BOS Meeting



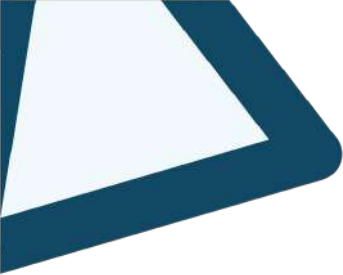
Women Empowerment Cell, SVCE -Personality Development Program Empowering Women through Personal and Professional Development

The Women Empowerment Cell (WEC) at Sri Venkateswara College of Engineering (SVCE) successfully organized a Personality Development Program on **27th September, 2024**, titled "**Empowering Women through Personal and Professional Development**", at the Sri Jayendra Saraswathi Platinum Jubilee Auditorium. The program aimed to enhance leadership, communication, and personal growth skills of participants towards empowering women in both personal and professional spheres.

The Chief Guest of the event was Ms. Archana Sridharane, a well-known Personality Development and Soft Skills Trainer, known for her work under the platform Voice of Arch. Around 800 participants, including girl students, women faculty and staff members, took part in the event with a strong focus on fostering personal development alongside professional growth.

Dr. KR. Santha, Vice-Principal, Head of EEE and Chairperson of WEC, presided over the event.

In her address, Dr.KR. Santha emphasized the transformative role that personal development plays in empowering women to achieve success both personally and professionally.



Ms. Archana Sridharane delivered an engaging and interactive lecture, focusing on several vital **Aspects of personal and professional development:**

Communication Skills: Techniques for effective communication, including active listening, clear expression of thoughts, and persuasive speaking.

Assertiveness: Techniques for confidently expressing opinions and needs while maintaining courtesy and professionalism.

Professional Etiquette: Best practices in behavior, presentation, and interpersonal interactions in a professional setting.

Goal-Setting: Practical strategies for setting and achieving realistic personal and professional goals. During the session, Ms. Archana Sridharane captivated the audience with her insightful and engaging presentation. The session also included several activities to engage the audience, promoting team-building, self-reflection, and confidence-building. The audience actively participated throughout the program, asking insightful questions and engaging in discussions that helped them better understand how to apply these concepts in their daily lives. The program concluded with a vote of thanks by **Ms. Srinithi A., Joint Secretary of the Student Council** and a student representative of the WEC.



WEC members with Guest Ms. Archana Sridharane



Ms. Archana Sridharane interacting with Girl students

IEEE INAUGURATION

IEEE Student Branch Valedictory (AY 2023-24) and Inaugural function (AY 2024-25) was conducted on **30th September, 2024** in Library Seminar Hall. The event was graced by our **esteemed Chief Guest, Mr.H.R. Mohan, IEEE Ambassador**, along with our Department Head (HoD) **Dr. KR Santha and Assistant HoD Dr. Sudhakar K B**. Our HoD Dr. KR Santha, delivered an inspiring Inaugural address, setting the tone for an insightful day. A special moment was the presentation of a memento to Mr. Mohan in appreciation of his valuable presence. Mr. Mohan's presentation focused on the numerous benefits of being an IEEE member, encouraging students to leverage these opportunities for growth and networking. The session also featured an engaging spot quiz with exciting cash prizes for the students.



Inauguration of IEEE Student Branch(SB) for the academic year 2024-25



Chief Guest, HOD, AHOD and Office Bearers of IEEE SB (SVCE)



Chief Guest Mr. H. R. Mohan presenting to our student members

PROJECT FUNDINGS:

Naan Mudhalvan Grand Innovation & Skilling
Challenge Niral Thiruvizha (Hackathon)



TNSDC – Naan Mudhalvan Anna University - Niral Thiruvizha (Hackathon) –
EVEN Semester 23-24 – B.E. / B.Tech. Final Year Student Project Work



ABOUT THE PROGRAM:

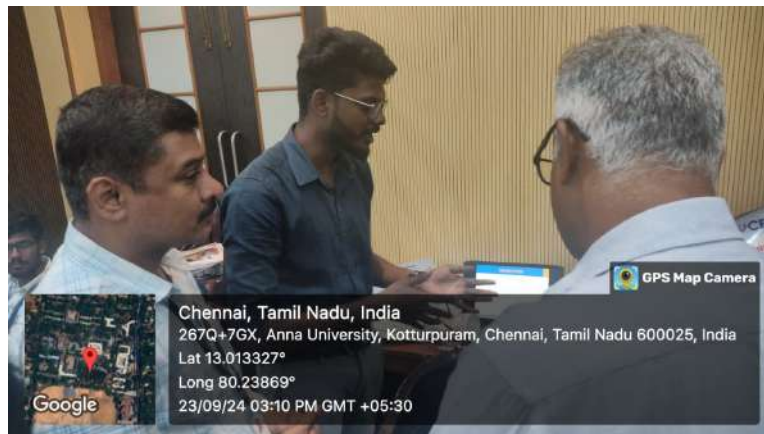
Our Honorable Chief Minister has launched Naan Mudhalvan Grand Innovation & Skilling Challenge Niral Thiruvizha (Hackathon) – 2023 event. The Vision of Niral Thiruvizha is to kindle the innovative minds of our students to address the persisting issues and real time problems with technology enabled solutions which will improve quality of life. The hackathon will revolve around carefully selected 65 Problem Statements under 10 themes that encompass a wide range of challenges faced by Tamil Nadu Government Departments and Industries. **Students can choose any of the listed problem statements under the 10 themes and work on that to come up with innovative ideas and solve the problems.**

The final year B.E. / B.Tech. Students are expected to provide the feasible, viable and implementable solution using Artificial Intelligence, Machine learning and other tools. Students of all Engineering Colleges from Government Colleges, Government aided Colleges, Government Autonomous Colleges, University Constituent Colleges, University Departments, Self-Financing Autonomous Colleges and Self-Financing Non-Autonomous Colleges will take up this program. As per Anna University Vice Chancellor Instruction, Participating students can earn their academic credits in lieu of final year project works.

Innovative projects selected under Naan Mudhalvan scheme were invited to demonstrate their work to the Expert committee of Skill Development Committee (TNSDC -Tamil Nadu Skill Development Corporation) at Chrompet on 23rd and 24th of September 2024, in Anna University, Guindy.

DAY 1

- **Mr.Sabari (2022-2024/EEE)** Guided and mentored by **Dr. KR. Santha, HoD/EE.** was shortlisted for the project shortlisted under Top 100 “**NMNT389- NEURON BASED CONTROL MECHANISM FOR ROBOTIC ARMS AND LEGS**”
- **Ms Harini N** Guided and mentored by **Dr. Sudhakar Bharathan** was shortlisted under Top 100 “**Sensory Detector of Hazardous gasses in poultry farms using H2S/NH3 Sensor**”



DAY 2

- **Mr.Sabari (2022-2024/EEE)** Guided and mentored by **Dr. KR. Santha, HoD/EE**.was shortlisted for the project shortlisted under Top 33 “**NMNT389- NEURON BASED CONTROL MECHANISM FOR ROBOTIC ARMS AND LEGS**” received project funding of **Rs.1 lakh**



Dr. KR. Santha, HoD/EE and Mr.Sabari (2022-2024/EEE) presenting the projectwork to Mr. Udhayanidhi Stalin, Deputy Chief Minister of TamilNadu and other Panel Members

INDUSTRY INSTITUTION INTERACTION:

1. **Dr.Bharathidasan,Professor/EEE** and **Dr.S.Kumaravel,ASP/EEE** attended the industrial training at **FORT, Chennai (SIPCOT Industrial Innovation Centre - Sriperumbudur)** and interacted with **Dr.Mahesh V, AVP & Head, Practicum,Mr.Aravind A,Principal, FORT, Chennai** on 19th of September 2024.



2. **Dr.Bharathidasan,Professor/EEE** and **Dr.S.Kumaravel,ASP/EEE** along with five Final year students attended the industrial training at **Ashok Leyland Technical Centre,Chennai** on 20.09.2024 and interacted with **Mr.Vinodh Kumar, AGM, Ashok Leyland Technical Centre,Chennai**.



3. **Dr.Bharathidasan,Professor/EEE** and **Dr.S.Kumaravel,ASP/EEE** visited the Biogas plant at **CSIR-Central Leather Research Institute** on 21.09.2024.



STUDENT ACHIEVEMENTS AND PARTICIPATIONS

- Anna University Zone II Cricket Tournament was held from 22.09.2024 to 24.09.2024. **Mr.Nishal S, II year/EEE**, was a part of the winning Team

MEN-WINNERS



TEAM PLAYERS



CRICKET TEAM

- **Mr. Infant Vimal M, IV year/EEE**, was runner up in the Anna University Tennis Tournament 2024-25.
- **Mr. Ramprakash N, IV Year/EEE, Mr. Suresh B, III Year/EEE and Mr. Kamaleshwar J, I Year/EEE** are team players of runner up team in Anna University Basketball Tournament 2024-25.



TEAM PLAYERS

VOLUNTEERING IN NATIONAL SERVICE SCHEME (NSS)

On 30.09.2024, the NSS unit of Sri Venkateswara College of Engineering organized a Swachhata (Cleanliness) campaign in Thandalam village as part of our commitment to community service and environmental awareness. This initiative aimed to promote cleanliness and encourage responsible waste management practices within the local community. Around 10 Students from EEE participated on the camp.



CSIR VISIT

Dr. N Shanmugavadivu Associate Professor/EEE along with 20 Students visited **"CSIR- Central Electronics Engineering Research Institute, Chennai Centre"** to learn about it's research activities in indigenous development of spectroscopy instruments such as portable near-infrared spectrometers and mid-infrared spectrophotometers, NIR and MIR-based systems for food analysis, automated leather surface inspection system.



PLACEMENT

A Total of 10 Students from IV Year/EEE have got placed in **SIEMENS** company

Sri Venkateswara College of Engineering **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Congratulates on getting placed at
SIEMENS energy

CLASS OF 2025

 EPSIYA I	 HARI ASHWIN S	 KAVINAYA SREE T	 RAMYA R	 SAKTHIUMA S
 SANJANA SURESHKUMAR	 SHAKTHIVEL S	 SURUTHIGHA S K	 VISALAKSHI P	 ADHITYA R



SMART INDIA HACKATHON (SIH) 2024

36 Hours INTERNAL Smart India Hackathon 2024

Dates: 10th & 11th September 2024

Venue: His Holiness Sri Jayendra Saraswati Platinum Jubilee Complex (Multi-Purpose Hall)

Institution: Sri Venkateswara College of Engineering (SVCE)

Preamble

The Smart India Hackathon (SIH) is an initiative organized by the Government of India to encourage innovation and problem-solving among students. It's a nationwide event where students from various educational institutions come together to develop innovative solutions to real-life problems faced by the country.

The Smart India Hackathon (SIH) 2024 started with a total of 158 registered teams who are eager to participate and contribute to solving real-world problems posted by various ministries and institutions.

The first, second, and final rounds of evaluation commenced at 2 pm, 11 PM on the first day, and 10 AM on the second day, during which each team had the opportunity to present their ideas and solutions to the evaluators. After the first and second round of evaluation, participants continued to work diligently throughout the night to develop comprehensive and complete solutions for their respective problem statements. **Dr. Sudhakar K B AHOD/EEE, Dr. N. Shanmugavadivu Associate Professor/EEE, Mr.S. Bharadwaj Assistant Professor/EEE** acted as judges in SIH.

Following the rigorous evaluation processes, 45 (19 hardware teams+ 26 software teams) top-performing teams along with 5 (2 hardware teams+3 software teams) waitlisted teams were selected to submit their ideas on the Smart India Hackathon (SIH) 2024 portal.

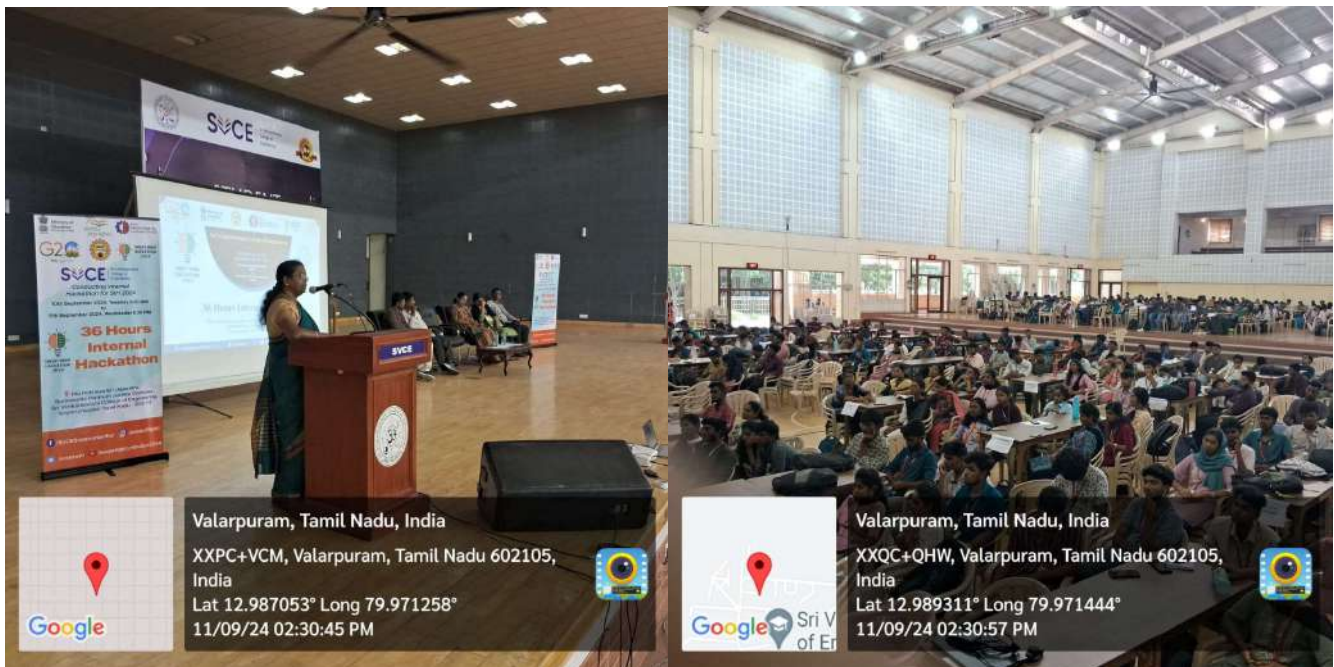


Judges Inspecting the students project

The event came to an end with a valedictory function. Dr. K.R.Santha,Vice-principal, and HOD-EEE consented to deliver the valedictory address and distributed the certificates to the 50 shortlisted teams.



Certificate Distribution by Dr.KR. Santha HOD/EEE



Dr.KR. Santha HOD/EEE addressing the students



Certificate of appreciation of EEE Students

VIDYUT - September 2024

Bureau of Indian Standards (BIS) QUIZ AND ESSAY WRITING WINNER

Under the Standards Club of EEE Department, the Prize money received from BIS for Essay Writing Competition held on 18-03-2024 and Quiz Program held on 22-03-2024 are distributed to the Winners of Standards Club Members by our Hod and AHoD on 13-09-2024.

Winners of Essay Writing Competition

Sl. No.	NAME	PRIZE	AMOUNT (Rs)
1.	SANTHOSH KUMAR S	I	1000
2.	MOHANA KRISHNAN K	II	750
3.	ADHITYA R	III	500
4.	EPSIYA I	IV	250

Winners of Quiz Competition

Sl. No.	NAME	PRIZE	AMOUNT (Rs)
1.	DINESH C	I	1000
2.	SRINIVAS RAGHUL M	II	750
3.	PAVITHRA B	III	500
4.	SHANMUGA VELAN M	IV	250





Santhoshkumar S, Adhitya R and Mohana Krishna K getting prizes from Dr KR Santha, HOD/EE and Dr. Sudhakar K B, AHOD/EE

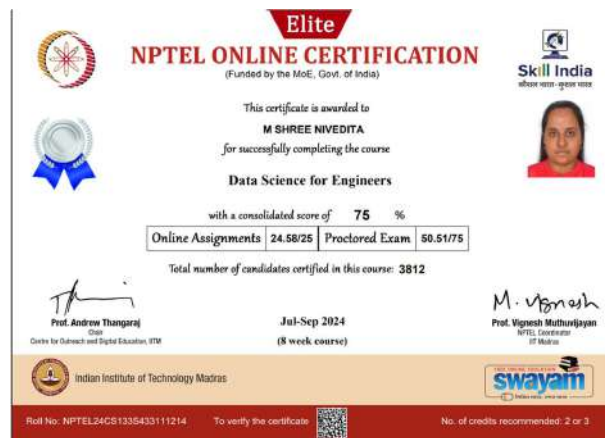
- **Sona Meyappan, II year EEE**, had attended the entrepreneurship boot camp (Edition 2) at NIT Surathkal, Karnataka, conducted by MoE and AICTE, from 23rd to 27th September, 2024.



1. **Mr.Sriram A, III year/ EEE**, and **Sona Meyyappan, II year/EEE** has undergone Innovation Ambassador (IA) training “Foundation Level” conducted in online mode by MoE’s Innovation Cell & AICTE during the IIC calendar year 2023-2024



- **Ms M Shree Nivedita, II year/EEE**, has successfully completed the course Data Science for Engineers in NPTEL SWAYAM platform.



- **Ms Pavithra B, III year/EEE** has successfully completed the course System Design through Verilog in NPTEL SWAYAM platform

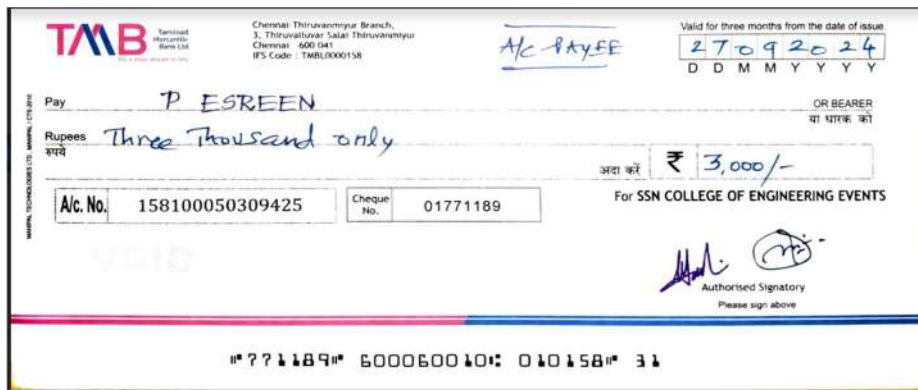


- **Mr Prashanth A R, III year/EEE**, has successfully completed the course SystemDesign through Verilog in NPTEL SWAYAM platform.

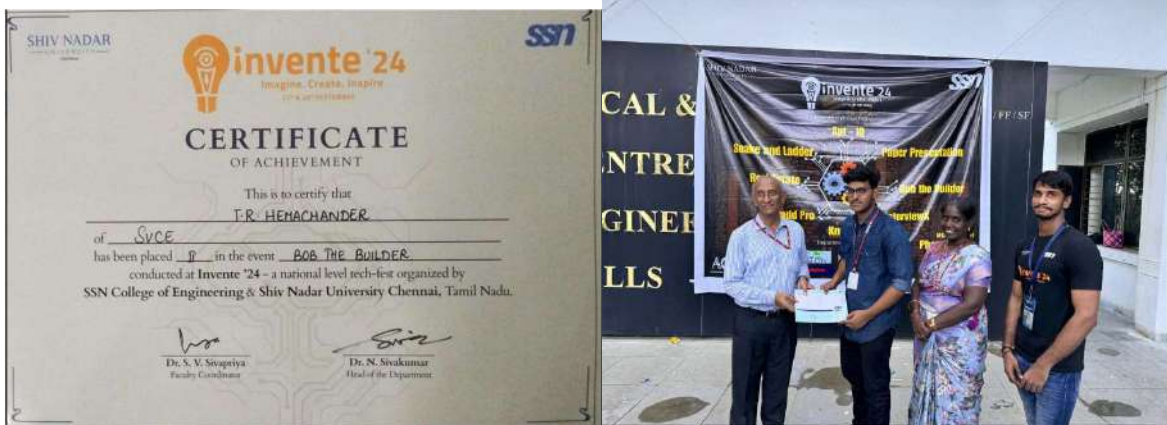


- **Winners in Invente'24** conducted by **SSN College of Engineering** and **Shiv Nadar University, Chennai**
- a) **Ms. Esreen P and Mr. Bhuvanesh J, III year/ EEE, SVCE**, participated in the Technical Event Ohm My and has won the **II prize** which includes cash Prize of Rs. 3000 and Certificates of Achievement.





- b) **Mr. TR. Hemachandher, II year/EEE, SVCE**, participated in the technical event **Bob the Builder** and has won **II Prize**, which includes a Cash Prize of Rs. 1500 and Certificate of Achievement.



- c) **Ms. Shrimathi G & Mr. Sanjay Kumar V, III year/EEE**, won **I prize** in Impromptu and **II prize** in Cypher chase, which included a total cash prize of Rs. 8500 and Certificates of Achievement.



d) **Ms.Shrimathi G, III year/EEE,** won the **I prize** in Ideate with the cash prize of Rs.4000 and Certificate of Achievement.



VIDYUT – August 2024
VIDYUT – September 2024

- e) **Mr.Sasidharan.A and Mr.Rekashwin G P**, III year/EEE, team participated and won the **I PRIZE** in *Trace and Race* and **II PRIZE** in Circuit-X, which included a total Cash Prize of Rs. 5000 and Certificates of Achievement.





- f) **Ms Shreya, IInd year/EEE**, has participated at the events conducted at Invente'24 - a National level tech fest during 27th and 28th September ,2024 organized by SSN College of Engineering & Shiv Nadar University Chennai, Tamil Nadu.



WINGS SCHOLARSHIP

Thannigaipriya P S of I year/EEE department got full tuition fee waiver off under program "**Women In Next Generation Stem Scholarship**" from **Dr. T. Prabu Shankar**, Tiruvallur District Collector.

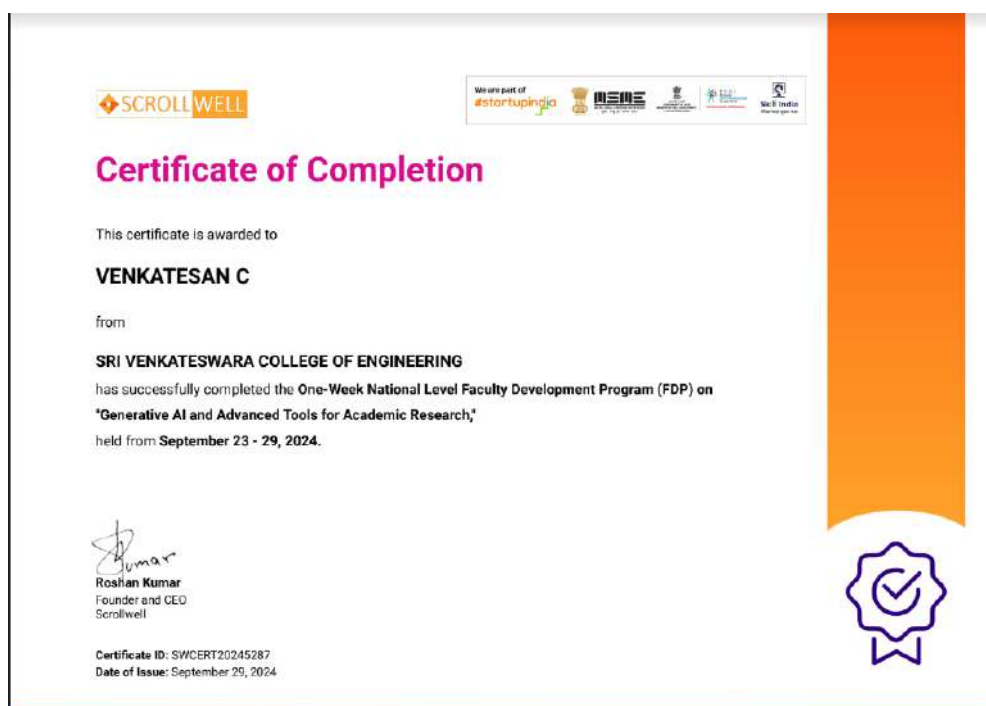


திருவள்ளூர் மாவட்ட ஆட்சியர் அலுவலக கூட்டரங்கில் இன்று (12.09.2024) ஸ்ரீபெரும்புதூர் உள்ள ஸ்ரீவெங்கடேஸ்வரா பொறியியல் கல்லூரி அரசுப் பள்ளியில் பயின்ற அரசின் 7.5 சதவீத இட ஒதுக்கீட்டு இல்லாத மாணவ மாணவியர்களுக்கு விங்ஸ்(WINGS) மற்றும் சீட்ஸ்(SEEDS) என்ற பெயரில் கல்வி உதவித் தொகை வழங்கும் திட்டத்தினை மாவட்ட ஆட்சித் தலைவர் டாக்டர்.தபிரபுசங்கர் இ.ஆ.ப. அவர்கள் துவக்கி வைத்தார்.



FACULTY PARTICIPATION

- **Mr. Karthikeyan V, Assistant Professor/EEE, Mr. Elakkiyavendan R, Assistant Professor/EEE** participated in FDP titled “**Smart Grid and Renewable Energy Sources**” conducted from 23/09/2024 to 27/09/2024 by National Institute of Technical Teachers Training and Research (NITTTR).
- **Mr. Venkatesan C, Assistant Professor/EEE**, has successfully completed the One-Week National Level Faculty Development Program (FDP) on "Generative AI and Advanced Tools for Academic Research" held from September 23/09/2024 to 27/09/2024





- **Mr. S Bharadwaj, Assistant Professor/EEE,** secured first place in the cultural program conducted on Teachers day held on 5th September 2024.



- **Dr. Nalin Kant Mohanty, Professor/EEE,** handled Yoga sessions as a part of Student Induction Program(SIP) 2024 and was appreciated for his contribution.

- **Dr. Nalin Kant Mohanty, Professor/EEE**, successfully completed NPTEL 8 weeks course on “Introduction to Machine Learning” from July to September 2024.



- **Dr.N Shanmugavadivu Assistant Professor/EEE** have attended the alumni leadership event conducted by Vaave Alumni Leadership Program (ALP) designed for professionals in Alumni Relationship Management specifically at educational institutions. The session was conducted online for 90 minutes on 30th & 31st of August and 5th & 6th of September, 2024.

The Alumni Leadership Program, based on the BEHA Framework, addressed key learning tracks such as Alumni Personas, Alumni Flywheel, Alumni Relationship Matrix, AI & Technology in Alumni Relations, 13 Engagement Programs, Alumni Mentoring & Fundraising, and Alumni in Institutional Development.

CERTIFICATE OF COMPLETION

ALUMNI LEADERSHIP PROGRAM



We would like to congratulate

Dr. N Shanmugavadivu

for completing a 6-Tracks Training Program on alumni relations
conducted by Vaave held from August 30, 2024.

The 4-day program covered learning tracks on building thriving alumni
communities, engagement strategies, mentor programs and fundraising.

Paresh Masade
CEO, Vaave

Certificate Id: 19758

This Certificate can be verified at <https://i3x.app/verify.dz>

Certificates are issued only to participants with over 80% attendance

