



Sri

# SAI RAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi  
Accredited by NBA and NAAC "A+" | BIS/EOMS ISO 21001 : 2018 and BVQI 9001 : 2015 Certified and NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairam.edu.in](http://www.sairam.edu.in)



# VIDYUTH

# '25



DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING





முன்னரல் முயாதல்  
எதுவும் இல்லை.

என் புடனீ...  
லீனோமூத்

**MJF. LN. LEO MUTHU**

FOUNDER CHAIRMAN - SAIRAM INSTITUTIONS



OUR SINCERE THANKS  
& GRATITUDE

## CHAIRMAN & CEO



Dr. Sai Prakash Leo Muthu  
CHAIRMAN & CEO - Sairam Institutions

## PRINCIPAL



Dr. J. Raja  
Principal  
Sri Sai Ram Engineering  
College

## DEAN



Dr. A. Rajendra Prasad  
DEAN (Student affairs)  
Sri Sai Ram Engineering  
College

# HOD's Message



**Dr. R. Azhagumurugan**

**HOD / EEE, SRI SAI RAM ENGINEERING COLLEGE**

The 21st edition of VIDYUTH, the periodical of the Department of Electrical and Electronics Engineering, stands as a vibrant reflection of the collaborative spirit within our department. Our pursuit of knowledge extends beyond academics, driven by the aspiration to create meaningful change in the world around us. With expertise in electrical and electronics engineering, we strive to address critical challenges while contributing to global sustainability efforts. By aligning our initiatives with the United Nations Sustainable Development Goals and broader international objectives, we reaffirm our commitment to innovations that foster a more equitable and sustainable future.

The pages of VIDYUTH highlight the quality of education imparted at SAIRAM Institutions, showcasing not just articles but the dedication, creativity, and teamwork of both faculty and students. This magazine embodies our shared responsibility to integrate sustainable practices into engineering solutions, advancing progress at both local and global levels.

I sincerely thank the entire team whose hard work and passion have made this publication a remarkable success. Their commitment to excellence and enthusiasm for electrical and electronics engineering shine through every page. The 21st edition of VIDYUTH is more than a periodical—it is a celebration of our department's achievements and a testament to the promising future we continue to shape, as we contribute meaningfully to our community and to the world.





## STAFF COORDINATOR

MR.S.MOHAN  
Assistant Professor



HIRANYA KARTHIKA M

EEE A/IV YEAR



UTHAMA RAJA M

EEE A/IV YEAR

## STUDENT COORDINATORS

## TECH & BEYOND



VISHAL R

EEE A/III YEAR



HARIHARAN D

EEE A/III YEAR



SANJU L

EEE A/II YEAR

## NON TECH & BEYOND



PANAIYATHAL V

EEE A/IV YEAR



DHANUSRE A

EEE B/III YEAR



NITHYA SREE K

EEE B/III YEAR

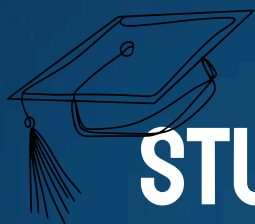


# ACADEMIC HONOR



THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, SRI SAI RAM ENGINEERING COLLEGE, HAS BEEN RECOGNIZED AS THE BEST ACADEMIC DEPARTMENT (RUNNER) 2025 FOR ITS CONSISTENT EXCELLENCE IN TEACHING, IMPACTFUL RESEARCH, AND STUDENT-CENTERED INITIATIVES. THIS HONOR REFLECTS THE COLLECTIVE DEDICATION OF FACULTY, STUDENTS, AND STAFF IN FOSTERING INNOVATION AND HOLISTIC GROWTH.





# **STUDENT'S ACHIEVEMENTS**



# IDEATHON WINNERS



## PROJECT TITLE

**DRONE BASED RAPID RESPONSE FOR PUBLIC  
SAFETY AND CRIME PREVENTION**

## MENTOR

**DR. A. KISHORE BABU, ASST. PROF / CHEM**

## TEAM MEMBERS

**ARJUN KRISHNA K S(1ST YEAR EEE)**

**DINESH V N**



# IDEATHON WINNERS



## PROJECT TITLE PLASTIC MAGNETS

## MENTOR

**DR. A. KISHORE BABU, ASST. PROF / CHEM**

## TEAM MEMBERS

**HARISH RAGAVENDHER B B(1ST YEAR EEE)**

**M DIWAKAR(1ST YEAR EEE)**

**R V KEERTANA(1ST YEAR EEE)**

**MANJU S N**



# INNOVATHON WINNERS



## PROJECT TITLE

**DESIGNING A REMOVABLE TYPE CONTROLLER  
FOR EV**

## GUIDE

**DR. A. SANJEEVI GANDHI, ASSO. PROF / EEE**

## TEAM MEMBERS(3RD YEAR EEE)

**SRI ARAVINDAN S  
SUBARSHVANATH Y**

**SURESH M**



# INSPIRATHON WINNERS



**INSPIRATHON 2.0 / WINNER (SDG 05)**

**PROJECT TITLE**

**MEDIBOTS**

**GUIDE**

**DR.T.PORSELVI, PROF / EEE**

**TEAM MEMBERS(4TH YEAR EEE)**

**ARUN G R**

**VENKATAPATHI.K,**

**SOMMANATH.T,**

**SHAKTHIVEL.G**



# INSPIRATHON WINNERS



**INSPIRATHON 2.0 / WINNER (SDG 14)**

## PROJECT TITLE

**AQUACULTURE WATER QUALITY  
MONITORING SYSTEM**

## GUIDE

**DR.K.PRATHIBANANDHI, ASSO. PROF / EEE**

## TEAM MEMBERS(4TH YEAR EEE)

**DHANUSH MOORTHY.R**

**AGILESH.M.B,**

**SAHANA.A**



# INSPIRATHON WINNERS



**INSPIRATHON 2.0 / FIRST RUNNER UP (SDG 09)**

## PROJECT TITLE

**DYNAMIC WIRELESS EV CHARGING SYSTEM**

## GUIDE

**MRS.CHITHRA.V, ASST. PROF / EEE**

## TEAM MEMBERS(4TH YEAR EEE)

**BARATH KUMAR. M  
CHANDRAVELAN MP  
KARTHICK SL  
VIJAY KUMAR A**



# INSPIRATHON WINNERS



**INSPIRATHON 2.0 / SECOND RUNNER UP (SDG 16)**

## PROJECT TITLE

**FOG PENETRATION RADAR**

## GUIDE

**DR.P. SHARMILA, ASSO. PROF / EEE**

## TEAM MEMBERS(4TH YEAR EEE)

**DHAARANI. K**

**PRISHA.L,**

**SRI VIDHYA.B**



# SKILLRACK AWARDS



**CONGRATULATIONS TO**  
**ARJUN KRISHNA K S (2nd yr EEE-B)**  
**FOR BEING A TOP PERFORMER IN**  
**SKILLRACK PLATFORM**



# B I S ORGANIZING & VOLUNTEERING



**DIVYAVARSHINI M**

EEE-A 3<sup>rd</sup> YEAR Received the Certificate of Appreciation from Sri Sairam Engineering College with the Bureau of Indian Standards Chennai

**SIVARAM B G**

EEE-A 3<sup>rd</sup> YEAR Received the Certificate of Appreciation from Sri Sairam Engineering College with the Bureau of Indian Standards Chennai



**HINDU S**

EEE-A 3<sup>rd</sup> YEAR Received the Certificate of Appreciation from Sri Sairam Engineering College with the Bureau of Indian Standards Chennai



**MAHATHI S V**

EEE-A 3<sup>rd</sup> YEAR Received the Certificate of Appreciation from Sri Sairam Engineering College with the Bureau of Indian Standards Chennai





# B I S



**AKASH N**

**EEE-B (3<sup>RD</sup> YEAR)**

**Received the Best Organizer Award from Sri Sairam Engineering College with the BIS Chennai, actively organizing TECHNEX STANDARDS 3.0**

**SRISANJIT P D**  
**EEE - A (3<sup>RD</sup> YEAR)**

**Received the Best Organizer Award from the BIS Club for my exceptional contribution to the success of Technex Standards 3.0.**



**UTHAMA RAJA M**

**EEE - A (4<sup>TH</sup> YEAR)**

**Received the Best Organizer Award from Sri Sairam Engineering College with the Bureau of Indian Standards Chennai**







**SRI SAAI SEENU DJ AND NAKUL S FROM 2<sup>ND</sup> YEAR EEE WON 2<sup>ND</sup> PRIZE IN THE PAPER PRESENTATION ON “INTRODUCTION TO INDIAN STANDARDS ON DC MACHINES” AT THE ELECTRIFYING JOURNEY OF DC MACHINES EVENT, SPONSORED BY BIS.**

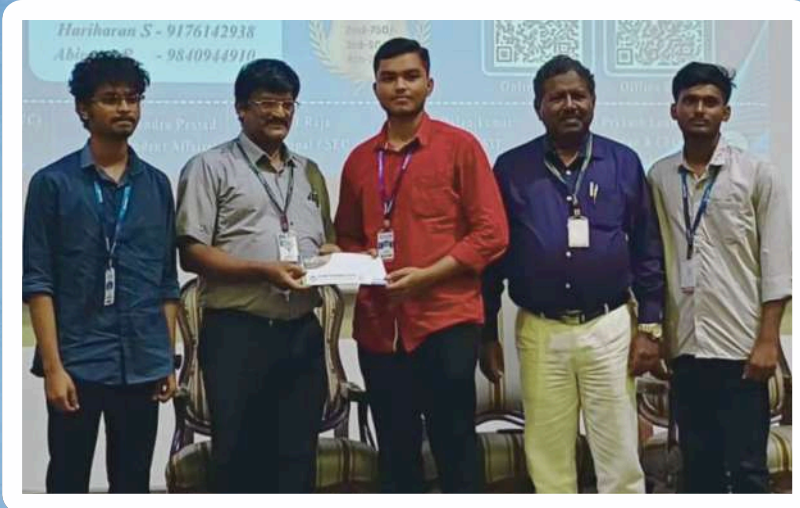


**SANJAY BABU, NIROSHAN, AMUL RAJ FROM 3<sup>RD</sup> YEAR EEE - B SECURED 2ND PRIZE IN THE TECHNEX STANDARDS COMPETITION.**





**VISHAL R AND ARUNA SHRI P FROM 2<sup>ND</sup> YEAR  
EEE-A SECURED 1<sup>ST</sup> PRIZE IN PROJECT  
PRESENTATION WITH CASH AMOUNT OF 1500 RS  
FROM BIS**



**DHANUSH K, HARISH M, AND HARIHARAN D  
FROM EEE A ( 2<sup>ND</sup> YR),WON 1<sup>ST</sup> PRIZE IN THE  
TECHNICAL QUIZ, SHOWCASING TEAMWORK  
AND KNOWLEDGE ON WORLD STANDARDS DAY.**





**DHANUSRE A FROM EEE (II YR), WON 3<sup>RD</sup> PRIZE IN THE TECHNICAL QUIZ WITH CASH AMOUNT BY THE BUREAU OF INDIAN STANDARDS.**



**INDHUPRIYA J FROM EEE ( 2<sup>ND</sup> YR), WON 2<sup>ND</sup> PRIZE IN THE TECHNICAL QUIZ WITH CASH AMOUNT BY THE BUREAU OF INDIAN STANDARDS.**



# BIS WINNERS

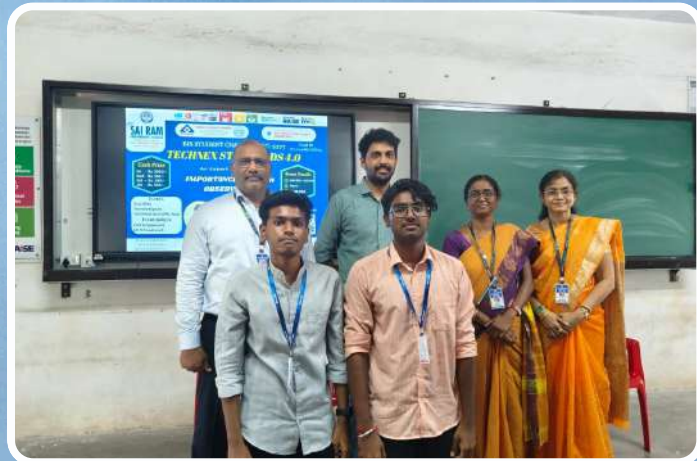




**HIRANYA KARTHIKA M**  
**YOGESHWARI R**  
**EEE-A 3<sup>RD</sup> YEAR**  
**SECURED 3<sup>RD</sup> PRIZE IN THE 'SOLVE**  
**THE PROBLEMS' COMPETITION AT**  
**TECHNEX STANDARDS 3.0**



**KAVIYA B**  
**SANTHIYA T**  
**GOPIKA N**  
**SANJAY BABU S**  
**VISHAL R**



**DHANUSRE A**  
**KARTHIKEYAN V**  
**SANJAY R**  
**SRIDHARAA J**



# ENSAV CLUB

## LEADERSHIP



AKASH N  
EEE-B (III YEAR)



DIVYAVARSHINI M  
EEE-A (III YEAR)



UTHAMA RAJA M  
EEE-A (III YEAR)



SRISANJIT P D  
EEE-A (III YEAR)



SIVARAM B G  
EEE-A (III YEAR)



# NPTEL STARS

**VIDHULA P**  
**EEE-A 3<sup>rd</sup> YEAR**

Recognized as an  
NPTEL Star and  
felicitated by the  
Indian Institute of  
Technology, Madras



**RAGAVI R**  
**EEE-A 3<sup>rd</sup> YEAR**

Recognized as an  
NPTEL Star and  
felicitated by the  
Indian Institute of  
Technology, Madras

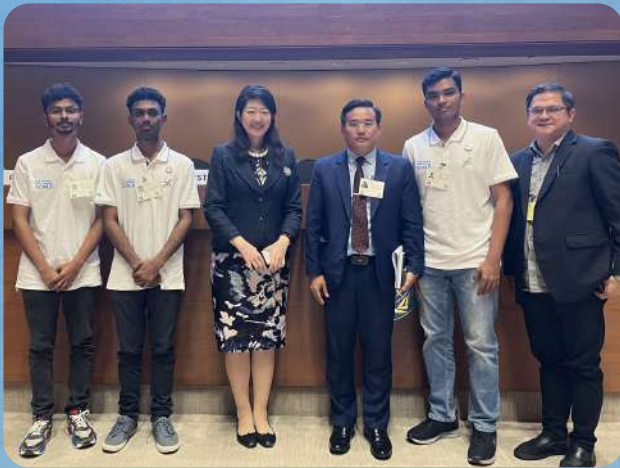


**ACHIEVEMENT**



# SAI RAM'S VOICES

*at  
the Global Stage*



## ACHIEVEMENT



Dhanush K, Harish M, Sri Saai Seenu DJ and Ragul K from the Department of EEE (II yr) represented Sri Sai Ram Institutions at the Asia-Pacific Forum on Sustainable Development (APFSD) in Bangkok, Thailand. Their presence at the International Summit underscores a commitment to addressing global challenges, including youth employment, gender equality, and economic resilience.





# PRIDE IN ACTION

## SCOUTS for SDGs



*Focus  
AND  
Achieve*



Kudos to Sri Saai Seenu DJ, Mohan Raj V, Dhanush K, Ragul K, Nakul S Nirosha S, Mahalakshmi M, Pedda Pally Nandhitha of second year for their outstanding contribution to the SDG Global Development Village at the 75th Diamond Jubilee Jamboree, Manapparai, Trichy.







## *Congratulations*

**VISHAL R  
DHANUSH K  
SRIKANTH V  
HARIHARAN D  
SRI SAAI SEENU D J  
SANDEEP KUMAR P  
NAVEEN KUMAR M**





# Rising Above: HARISH & SANDEEP at ELZEE 2.0



Our students **Harish M** and **Sandeep Kumar P** excelled at the national-level EEE symposium **ELZEE 2.0**, hosted by Agni College of Technology on April 5, 2025.



*Congratulations!*





**MAHATHI S V and HINDU S**  
Secured First Prize at  
MindSpark'25 Ideathon, SRET,  
with our innovative project  
Smart Glove for Autism  
Spectrum Disorder.



**HINDU S** Organized சிந்தனை  
விதை at INQUESTA 1.0 – where  
Tamil heritage met modern  
perspectives, inspiring young minds.  
Also grateful to be recognized as one  
of the Best Volunteers of Sairam  
NDLI





DIVYAVARSHINI M 3<sup>rd</sup> year EEE A has been recognized as one of the Best Volunteers of Sairam NDLI club for organizing various events like inquest



MAHATHI S V 3<sup>rd</sup> year EEE A has been recognized as one of the Best Volunteers of Sairam NDLI club for organizing various events like inquest and other vibrant events



*Congratulations!*



CONGRATULATIONS TO **SHARAVANA VELL K T K**,  
THIRD YEAR EEE STUDENT, FOR BEING THE  
RUNNER-UP AT THE NM HACKATHON ORGANIZED  
BY TANSAM AND SPONSORED BY SIEMENS, AND  
FOR RECEIVING THE PRESTIGIOUS DR. KALAM  
YOUNG ACHIEVER AWARD 2024 FROM THE  
WORLD YOUTH FEDERATION.



# SHIVAM KUMAR PANDEY S EEE-A 3<sup>RD</sup> YEAR



Honored with two prestigious awards by The Institution of Engineers (India), Hosur Local Centre: the Best Project Award and the Academic Excellence Award.

Conferred with the prestigious Dr. Kalam Young Achiever Award 2024 by the World Youth Federation at the Raman Auditorium, ACTech Campus, Anna University, Chennai. The award ceremony featured Mr. Santhosh Muruganantham, Co-Founder and Managing Director of Kolapasi Indian Canteen,



Shivam Kumar secured the First Runner-Up position at the Project Panoply Expo hosted by Jeppiaar Engineering College.

Team Exousia, led by Shivam Kumar, achieved remarkable success at PALS InnoWAH-25, held at IIT Madras. From an initial idea, the team developed a working prototype after five months of rigorous research and innovation, competing against 550+ teams nationwide.





# SIH 2024



Congratulations to the team—**Mukesh Kumar S, Sharavana Vell K T K, Reethika Baskar, Elumalaisamy C, Susmita Narayanasamy, and Sandhiya Arulmurugan**—for winning the two-day hackathon (December 11–12, 2024, Bhopal) by solving the Madhya Pradesh Police problem statement “Universal Programming Kit”.



# BAJA 2025



**SANJAY BABU S,**

EEE – 3rd Year, Section B, and his team for securing All India Rank 1 in the SAEINDIA BAJA 2025 – Sales Presentation.



# GATE ACHIEVERS

2024-2025



KEERTHIVASAN S  
EEE-A 3<sup>RD</sup> YEAR



SANKARAN R  
EEE-A 4<sup>TH</sup> YEAR



RAVEENDRAN L  
EEE-A 4<sup>TH</sup> YEAR



SUREJ R S  
EEE-A 4<sup>TH</sup> YEAR



KARTHIK RAJ S  
EEE-A 4<sup>TH</sup> YEAR





## INTERNSHIP ACHIEVERS

### ASHOK LEYLAND

VAISHNAVI EEE B - III YEAR

### BUREAU OF INDIAN STANDARD

SRI SAAI SEENU EEEB - III YEAR

LAVANYA J C EEE A-IV YEAR

BHUVANESH S EEE A-IV YEAR



# CULTURALS ACHIEVEMENT



Sairam  
**Sparkle**  
2025



Our talented students from the Department of EEE bagged 2<sup>nd</sup> Prize in Mime at Sparkle'25 Cultural Event

Our Students are:

RAHUL R  
SIVALAYAN K  
KARTHIKEYAN S  
BHUVANESH S  
KARTHIK S L  
SANJAY R  
DHANARAJ A  
SIVA SURYA K  
JAISHANTH S  
NAVEEN RAJ S  
KARUNESH S  
ROVAN JIBREL DERICK G



Sairam  
**Sparkle**  
2025





ABINAYA R 1<sup>ST</sup> PRIZE



RESHMI T 3<sup>RD</sup> PRIZE



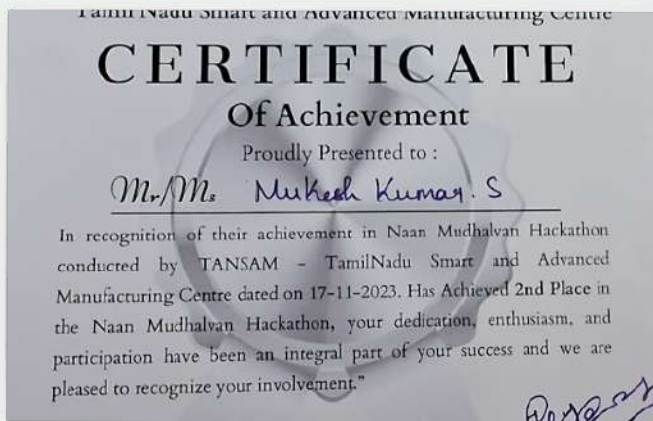
NITHYA SREE K 2<sup>ND</sup> PRIZE

CERTIFICATIONS





**JAYASHREE J 1<sup>ST</sup> PRIZE**



**MUKESH KUMAR 2<sup>ND</sup> PRIZE**



**VISHAL R 1<sup>ST</sup> PRIZE**





# NSS

## ACHIEVEMENTS



EEE STUDENTS NAGSRIVATSAN R, SHIBIN V, KARUNESH S, DHEV SIGHARAN A, AKASH N AND VIRUTHATCHANAN B E TOOK PART IN THE NSS SPECIAL CAMP (APR 2 – 6, 2025), ENGAGING IN MEDICAL SERVICE, FARM VISITS, TREE PLANTATION, AND CULTURAL EVENTS.





# NSS

## ACHIEVEMENTS



ON BEHALF OF THE EEE DEPARTMENT, WE WARMLY CONGRATULATE **VIRUTHATCHANAN B E** AND **AKASH N** ON THEIR APPOINTMENT AS SAIRAM NSS COORDINATORS.



# NCC ACCOMPLISHMENT

**SUDHARSAN S**

**EEE -B 2<sup>nd</sup> YEAR**



**SUO SUDHARSAN S, NCC CADET OF SRI SAIRAM ENGINEERING COLLEGE, PARTICIPATED IN THE ALL INDIA GUARD OF HONOUR AT REPUBLIC DAY CAMP 2025, HELD ON 27TH JANUARY AT CARIAPPA PARADE GROUND, NEW DELHI. AFTER RIGOROUS TRAINING AND SELECTION, HE WAS HONOURED WITH A MEDALLION BY DG NCC, LT. GEN. GURBIRPAL SINGH.**



# COMMENDABLE CADETS



**1 (TN) BTY NCC**  
**CUM GP IGC TSC TRG CA**  
27.06.2025 **VENUE: St. JOSEPH'S CO**



**G. JAYASEKAR AND SABITHA K (III YEAR, EEE) PROUDLY REPRESENTED THE ARMY WING CADETS OF SRI SAI RAM ENGINEERING COLLEGE AT THE CATC CUM GP IGC TSC TRG CAMP HELD AT ST. JOSEPH'S COLLEGE, CHENNAI FROM 18.06.2025 TO 27.06.2025**



# COMMENDABLE CADETS



**FORGED BY WILL  
“THE CAMP CARVED WARRIORS  
OUT OF WILLPOWER.  
NOT JUST BULLETS FIRED—FEARS  
CONQUERED.”**

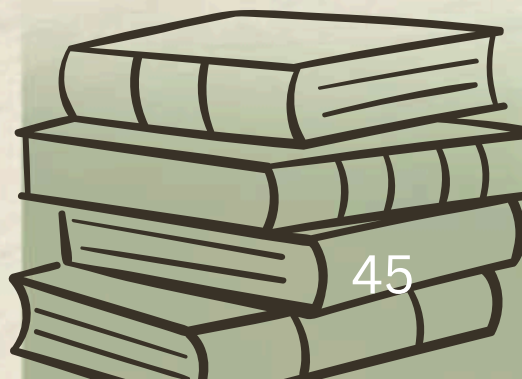


**L/CPL SABITHA K (III YEAR, EEE) OF  
SRI SAI RAM ENGINEERING COLLEGE  
PARTICIPATED IN THE CATC CUM - GP  
IGSC LAUNCH CAMP AT VELAMMAL  
MHSS, CHENNAI, HELD FROM  
14.05.2025 TO 23.05.2025,  
EXEMPLIFYING GRIT AND  
DETERMINATION.**





# STAFF ACHIEVEMENTS





# IEEE EXCELLENCE WINNER



**DURING THE TEACHER'S DAY CELEBRATIONS AT SRI SAI RAM ENGINEERING COLLEGE, CHENNAI, AN APPRECIATION AWARD WAS PRESENTED TO DR R AZHAGUMURUGAN PROF HOD/EEE FOR THE OUTSTANDING CONTRIBUTION AS A PROCTOR IN IEEE XTREME 2024. THE ROLE INVOLVED GUIDING AND SUPPORTING PARTICIPANTS IN THE PRESTIGIOUS 24-HOUR GLOBAL CODING CHALLENGE THAT BRINGS TOGETHER SOME OF THE BRIGHTEST YOUNG MINDS WORLDWIDE.**



# **E-CONTENT DEVELOPER WINNER**



**HEARTFELT CONGRATULATIONS TO DR. T. PORSELVI, PROFESSOR/EEE, ON BEING HONORED AS THE E-CONTENT DEVELOPER WINNER. THIS RECOGNITION HIGHLIGHTS HER DEDICATION TO CREATING IMPACTFUL DIGITAL LEARNING RESOURCES, ENHANCING ACADEMIC ENGAGEMENT, AND CONTRIBUTING SIGNIFICANTLY TO THE ADVANCEMENT OF E-LEARNING IN ENGINEERING EDUCATION**



# TALENT ENABLER WINNER



**CONGRATULATIONS DR. SASWATHI KUMARI BEHERA, ASSOCIATE PROFESSOR/EEE, FOR BEING AWARDED THE TALENT ENABLER AWARD. THIS ACCOLADE REFLECTS HER COMMITMENT TO NURTURING STUDENT TALENT, MOTIVATING YOUNG ENGINEERS, AND ENABLING THEM TO EXPLORE THEIR TRUE POTENTIAL IN BOTH ACADEMICS AND PROFESSIONAL GROWTH.**



# IEEE EXCELLENCE WINNER



**PROUD CONGRATULATIONS TO DR. SIVARAJESWARI, ASSOCIATE PROFESSOR/EEE, AND MS. J. SHALINI PRIYA, ASSISTANT PROFESSOR/EEE, ON RECEIVING THE IEEE EXCELLENCE AWARD. THIS HONOR REFLECTS THEIR INVALUABLE CONTRIBUTIONS TO ADVANCING IEEE ACTIVITIES, PROMOTING PROFESSIONAL DEVELOPMENT, AND INSPIRING STUDENTS TO ACTIVELY PARTICIPATE IN GLOBAL ENGINEERING COMMUNITIES.**



# AUTOMOBILE CLUB



**CONGRATULATIONS TO DR. L. KURINJIMALAR, ASSOCIATE PROFESSOR/EEE, EXECUTOR OF THE AUTOMOBILE CLUB, FOR SECURING 2ND PLACE. HER DEDICATED LEADERSHIP AND GUIDANCE HAVE DRIVEN INNOVATION, ENHANCED SKILL DEVELOPMENT, AND PROVIDED STUDENTS WITH VALUABLE PRACTICAL EXPOSURE, SHAPING THEM INTO INDUSTRY-READY ENGINEERS.**

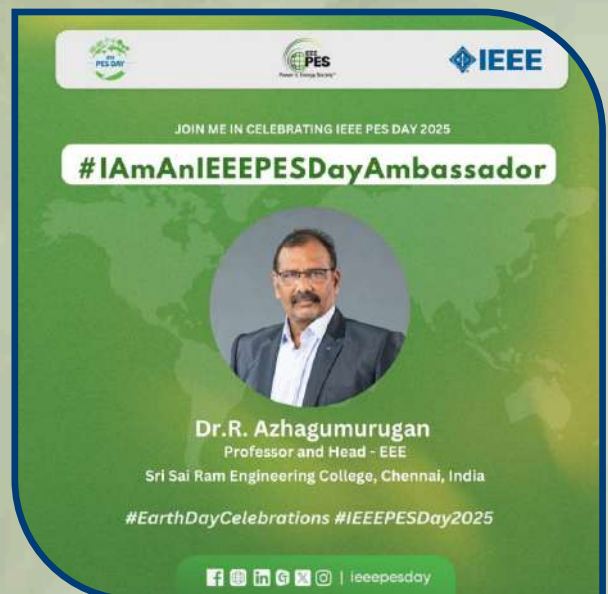
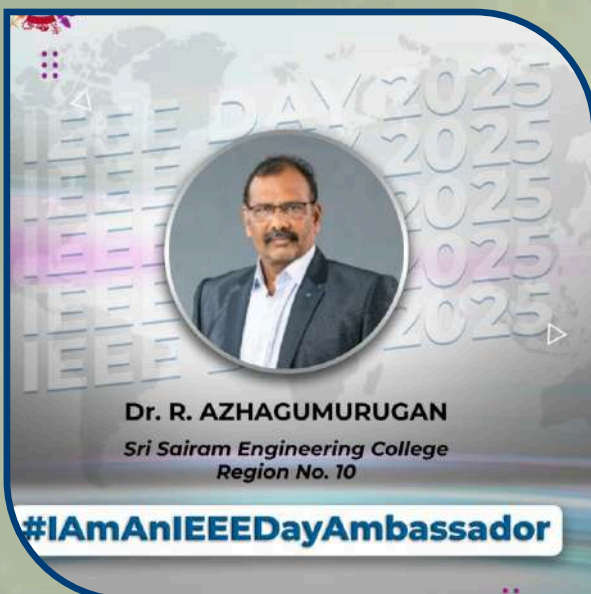




**DR.R.AZHAGUMURUGAN**  
**PROFESSOR & HOD/EEE**

The HOD / EEE of Sri Sairam Engineering College has been selected as an IEEE Day Ambassador 2025 for the IEEE Madras Section, Region 10 (Asia-Pacific), and also as an IEEE PES Day 2025 Ambassador. These global roles focus on promoting sustainable energy solutions and advancements in power and energy systems

Dr. R. Azhagumurugan was honored with the Dr. Kalam Best Mentor Award 2024 by the World Youth Federation, under the Mentor Category. This recognition highlights his remarkable guidance, dedication, and commitment to nurturing young minds.





# FACULTY PUBLICATIONS



**DR .T.PORSELVI**  
**PROFESSOR**

- Best Teacher Innovation Award 2024 by Edumatrix foundation
- Top performer in NPTEL courses such as design of power. electronics converters, protection and switchgear
- Received a grant of 6217 USD from Tech4good project titled ““Next-gen RO Purifier with Smart TDS Adjustment & Sustainable Water Dispensing and Received 1200 USD grant for PELS SBC
- Published 4 SCI papers and 12 scopus papers and Panelist for for the All India IEI Seminar on “Design and Development

1. Innovation by Design Elite Certificate with Silver Medal and

2. Top 2%Topper-(2025)2. Soft Skills- Elite Certificate with Silver Medal and Top 5% Topper-(2024)

3. PELS Day by conducting the enlightening webinar on “Power Electronics: Driving Efficiency and Innovation in Everyday Devices”.

4. AMET UNIVERSITY has featured Prof. Sivaprasad R as Mentor in their Linkedin page of Centre for Entrepreneurship, Innovation and Incubation



**MR.R.SIVAPRASAD**  
**ASSOCIATE PROFESSOR**







**DR. B. MEENAKSHI  
PROFESSOR**



1. Completed IUCEE international Engineering Educator Certification Program conducted by IUCEE, in the year 2025, completely sponsored by Multicoreware, Chennai-89

2. Received certificate of appreciation for top performing mentor from NPTEL for Computer Networks and Internet Protocols Subject during Jan-Apr 2024.

3. Received Best Faculty Mentor Award 2024 from The Institution of Engineers (India), Hosur Local Centre, at Adhiyamaan College of Engineering, Hosur, on 19-20 Mar, 2024



**DR. J. SHALINI PRIYA  
ASSOCIATE PROFESSOR**



1. Received an Award From International Achievers Award - 2025 for BEST IPR HOLDER AWARD Organized by "SILAMPOLI FOUNDATION" From MSME. (Micro Small and Medium Enterprises).

2. Published a patent based on "SOLAR BASED VENDING MACHINE", Appln No.202441101294, dated: 03/01/2025

3. InSc Award 2022- Certified for the Project Titled with "Smart Farming Using IoT" under Student Project Programme 2022 (SPP)





**DR. SASWATI KUMARI BEHERA**  
**ASSOCIATE PROFESSOR**

1. Selected as Resource Persons for State Govt. Training Programmes and Trainers (ToT) Programme, which is being organized on 15 April 2025 at the National Institute of Training for Standardization (NITS), Noida,

2. received manak veer award for extraordinary contribution towards promotion of standards and quality



- Dr.C.Priya has been awarded the NPTEL Motivated Learner Certificate (Jan–Apr 2025) by IIT Madras and SWAYAM, recognizing her dedication and consistent participation.



- Successfully completed the NPTEL course “Learning Analytics Tools” (Jul–Oct 2024) with Elite certification, scoring 83% and securing a place in the Top 5% of learners.

- Successfully completed the NPTEL course “Design, Technology and Innovation” (Jan–Mar 2025) with Elite certification, securing 90% and showcasing strong academic excellence





**MR. S. MOHAN**  
ASSISTANT PROFESSOR

1. Bharat Scouts and Guides (Bronze Pin Award)

Honored with the Bronze Pin Award for contributions to youth leadership and social service.

2. Nepal Non-Formal Learning Recommendation Committee – International Participant

3. Represented India, sharing Sairam Institutions' best practices and insights on inclusive education.

4. Marathon Participation:

Joined marathons promoting fitness and raising awareness on key social causes.



**MR. C. JEEVA**  
ASSISTANT PROFESSOR

1. Armour Grandeur Pvt. Ltd. have been honoured by the Indian Navy Chief Admiral R Hari kumar at the SWAVLAMBAN event.

2. In a testament to its commitment to fostering innovation, SAIRAM Institutions has secured a prestigious grant of 2.75 crores of the two editions of the IDEX DISC Defence Competition.

3. Armor Grandeur Pvt Ltd. has been recognized for its innovative approach to defence technology by winning the DISC-10 competition





**MS. R. KOTHAI**  
**ASSISTANT PROFESSOR**



**Dr. Sharmila P, Associate Professor/EEE, on successfully completing two NPTEL Online Certification Courses: “Power System Protection and Switchgear” (Top 5 Category, July–September 2024) and “Smart Grid – Basics to Advanced Technologies” (Top 5 Category, Score: 83%, January–April 2024).**

**1.Kothai R, Assistant Professor led Team Eco Credence to secure the prestigious IEEE Tech4Good funding of 6508 USD for their project proposal BLUE TRACK (Water Management System)**

**2.Ms. R. Kothai, Assistant Professor/EEE, for her valuable contribution as a Co-facilitator in the Universal Human Values – II session.**



**DR. P. SHARMILA,**  
**ASSOCIATE PROFESSOR**



**1.PUBLICATION: Secured energy optimization of wireless sensor nodes on edge computing platform using hybrid data aggregation scheme and Q-based reinforcement learning technique**

**TITLE :**

**Sustainable Computing-  
Informatics & Systems  
Published**



**DR.K.PRATHIBANANDHI**  
**ASSOCIATE PROFESSOR**



**DR.K.SURESH ,**  
**ASSOCIATE PROFESSOR**

**Associate Professor Dr. K. Suresh on representing Sairam Institutions at the UTP Familiarisation Programme held at Universiti Teknologi Petronas, Perak, Malaysia. His participation stands as an inspiration, enriching our department's academic vision and global outlook.**



The Department of Electrical and Electronics Engineering, Sri Sairam Engineering College, congratulates Dr. L. Kurinjimalar, Assistant Professor/EEE, for being appreciated as Mentor for the NPTEL Online Certification Course on “Introduction to Internet of Things” conducted from July to December 2024.



**DR. L. KURINJIMALAR,  
ASSOCIATE PROFESSOR**



**DR. P. SHANMUGAPRIYA,  
ASSOCIATE PROFESSOR**

Dr. P. Shanmugapriya, Associate Professor/EEE, has successfully completed the AICTE QIP PG Certification Program.

2. Dr. P. Shanmugapriya, Associate Professor/EEE, for her selection and participation in the prestigious Centre for Engineering Education Excellence (CEEE) program at IIT Kanpur from May 28 to June 7, 2025.







# STUDENT ARTICLES



# ELECTRIC VEHICLE

Electric vehicles are key to a cleaner, greener future reducing emissions and dependence on fossil fuels. With advancing tech and global support, EVs are driving the shift toward sustainable transportation.

The transportation sector today contributes heavily to air pollution and greenhouse gas emissions. In India, the government has introduced strict emission norms such as Bharat Standards to reduce pollution. However, a long-term and sustainable alternative is the adoption of Electric Vehicles. Unlike traditional vehicles that run on petrol or diesel, EVs are powered by electricity, making them a cleaner and more efficient option for the future. With the growing concerns of depleting fossil fuels and environmental pollution, EVs have emerged as the best solution. The need for electric vehicles is driven by several factors. Fossil fuel reserves are drying up rapidly, and crude oil is becoming more expensive. Conventional vehicles require higher maintenance and produce harmful exhaust gases that pollute the air.



In contrast, EVs are simpler, safer, and cheaper to maintain in the long run. They also help reduce carbon emissions and noise pollution. This shift towards electric mobility has created industrial opportunities, with leading automobile manufacturers in India, such as Mahindra and Tata, investing in EV research and production. Thus, electric vehicles are not only environmentally friendly but also essential for energy security and sustainable development



BY  
K.DHEEPIKA EEE A III YEAR



# **RENEWABLE ENERGY AND THERMAL ENERGY STORAGE: A PATH TO A SUSTAINABLE FUTURE**

Today's world depends heavily on fossil fuels for electricity, heating, and transportation. However, this reliance comes at a high cost fossil fuels are limited, pollute the environment, and release greenhouse gases that accelerate climate change. To create a cleaner and more sustainable future, renewable energy sources such as solar, wind, geothermal, biomass, and ocean energy are becoming essential .

One major challenge with renewable energy is its intermittent nature. For example, solar power is only available during the day, and wind energy depends on weather conditions. To overcome this, researchers are focusing on Thermal Energy Storage systems. TES technologies can be broadly classified into sensible heat storage (using materials like water or molten salts), latent heat storage (using phase-change materials), and thermochemical storage (using reversible chemical reactions)



By integrating TES with renewable energy systems, we can ensure a steady and reliable supply of electricity and heat.

**Stable Energy Supply:** They balance the mismatch between energy production and demand .**Environmental Impact:** They reduce dependence on fossil fuels, lowering greenhouse gas emissions. **Multi-Use Outputs:** These systems can produce electricity, hydrogen fuel, and even freshwater through desalination processes .

Worldwide, governments and industries are investing heavily in renewable energy integration. For example, the European Union has committed to reducing greenhouse gas emissions by at least 40% by 2030, and more than 670 cities worldwide have set renewable energy targets.

Combining renewable energy sources with thermal energy storage is not just an innovation. These hybrid systems provide reliable, sustainable, and environmentally friendly energy solutions that will play a vital role in addressing global demands and combating climate change.



BY SANDHIYA EEE A II YEAR



# மழலைக்கு கிடைத்த அறிவுரை

ஒரு குடும்பத்தில் அம்மா,அப்பா,சந்திரா என்ற எட்டு வயது சிறுமி இருந்தாள். சந்திரா அரசு பள்ளியில் மூன்றாம் வகுப்பு படிக்கிறாள். சந்திராவிற்கு சனி, ஞாயிறு என இரண்டு நாள் பள்ளி விடுமுறை. இந்த இரண்டு நாள் தனது தாத்தா வீட்டிற்கு செல்லலாம் என்று முடிவு எடுத்தாள்.அதற்கு தாத்தாவை கைபேசியில் அழைத்தாள். தாத்தாவும் அடுத்த நாள் காலை 7 மணிக்கு சந்திராவின் வீட்டிற்கு வந்தார். பிறகு 9 மணிக்கு சந்திரா தனது தாத்தா உடன் ஊருக்கு செல்ல கிளம்பிவிட்டாள்.

சந்திராவின் ஊரில் இருந்து அவளுடைய தாத்தா ஊருக்கு செல்ல 6 மைல் தூரம் ஆகும். அதனால் சந்திராவும்,தாத்தாவும் அரசு பேருந்தில் செல்ல பேருந்து நிலையத்தில் காத்து இருந்தனர்.பிறகு சிறிது நேரம் கழித்து பேருந்து வந்தது. இருவரும் பேருந்தில் ஏறி இருக்கையில் அமர்ந்தனர். பிறகு சந்திரா ஜன்னல் வழியாக வேடிக்கை பார்த்துக் கொண்டே வந்தாள்.பிறகு பேருந்தில் பயணத்த பாதி பேர் கைபேசியை பார்த்துக் கொண்டு இருந்தனர்.



சந்திரா தனது தாத்தாவிடம் “ஏன் தாத்தா எல்லாரும் கைபேசியை அதிக நேரம் பார்த்துக் கொண்டே இருக்கிறார்கள்?”. தாத்தாவும் கைபேசியில் அனைவரும் என்ன செய்கிறார்கள் என்று தெளிவாகக் கூறினார். கைபேசியில் சிலர் வேலை பார்த்துக் கொண்டு இருப்பார்கள், சிலர் அதற்கு அடிமையாகிக் கொண்டு இருப்பார்கள். கைபேசியில் எப்படி தாத்தா வேலைப் பார்ப்பது?.அதுவா! கைபேசியில் ஒருவர் இன்னொருவருக்கு எளிமையாக தகவல்களை பரிமாறிக் கொள்ளலாம்.

கைபேசி மூலம் தனக்கு அனுப்பப்பட்ட வேலையை தெளிவாக தெரிந்துக் கொள்ளலாம். பிறகு இணையத் தளங்களில் சிலவற்றை தேடி தெரிந்துக் கொள்ளலாம். சில மனிதர்கள் அதற்கு அடிமையாகிக் கொள்ளுவார்கள்.அது எப்படி என்றால் பாட்டு,படம்,வளைத்தளம் மற்றும் சில விளையாட்டுகள் கைபேசியில் விளையாட்டுவதன் மூலம் கைபேசியை முழுமையாக பயன்படுத்திக் கொண்டே இருப்பார்கள். தாத்தா, சந்திராவிடம் இப்பொழுது உனக்கு கைபேசியில் விளையாட பிடிக்குமா?(அ) நண்பர்களுடனும் மற்றும் அம்மா,அப்பா உடன் விளையாட பிடிக்குமா?. கைபேசியில் விளையாட பிடிக்கும் என்று கூறினாள்.

சந்திரா நீயே யோசித்துப் பார் நண்பர்களுடனும் மற்றும் அம்மா,அப்பாஉடனும் விளையாடுவது உனக்கு சந்தோஷமாகவும், ஆற்றலாகவும் இருக்கும். அதே கைபேசியில் விளையாடும் போது உனக்கு ஆர்வமாகமட்டும் தான் இருக்கும். சரி தாத்தா இனிமேல் எனக்கு நண்பர்களுடன் விளையாட்டுவது தான் பிடிக்கும் என்று கூறினாள்பிறகு தாத்தாவும், சந்திராவும்இறங்க வேண்டிய இடம் வந்தது பிறகு தாத்தாவும்சந்திராவும் நடந்துக்கொண்டே சென்றனர்.

சந்திரா தனது தாத்தாவிடம்,"தாத்தா நேற்று எனது ஆசிரியர் நேரத்தை பற்றியும் மற்றும் அதை எப்படி கண்டுபிடிக்கலாம் என்பதையும் கடிகாரம் வரைந்து சொல்லிக் கொடுத்தார்.ஆனால் அவர் கடைசியாக நேரத்தை வீணடிப்பது தவறு என்று கூறினார். அது எப்படி தாத்தா நேரத்தை வீணாக்க முடியும் அதை செலவழிக்க தானே முடியும். அதுவா மூன்று காரணத்தால் நேரம் வீணாக்கிறது.அது என்னவென்றால் சோம்பேறித்தனம்,கவனம்சிதறல்,அலட்சியம்.



வேலை செய்யாமல்அதிக நேரம் உழைக்காமல் சாப்பிட்டு விட்டு அதிக நேரம் தூங்குவது நேரத்தை வீணடிப்பது ஆகும். இன்றைய உலகில் உள்ள அதிக மக்களின் கவனம் முழுவதும் தொலைக்காட்சி, கைபேசி , சமூக வலைதளம் மற்றும் வளர்ந்து வரும் அறிவியல் தொழில்நுட்பம்.இதில் தான் மக்கள் அதிக நேரத்தை வீணாக செலவழிக்கிறார்கள். ஒரு வேலையை எடுத்துக் கொண்டால் அதை அப்பொழுதே செய்து முடிக்காமல் அப்புறம் செய்யலாம் என்று ஒரு வேலையை தள்ளிப் போடுவது அலட்சியம்.

இப்பொழுது உனக்கு புரிந்ததா சந்திரா என்று தாத்தா கேட்டார். இப்பொழுது நன்றாக புரிந்தது தாத்தா. பிறகு தாத்தாவும்,சந்திராவும் வீட்டிற்கு வந்து சேர்ந்தனர். இக்கதை மூலம் நேரத்தை எப்படி தனக்கு தெரியாமல் வீணாக்குகிறார்கள் என்பதையும், மாந்தர்கள் அதிகமாக என்ன செய்கிறார்கள் என்றும், அதிகமாக என்ன நிலையில் இருக்கிறார்கள் என்றும் தெளிவாக தெரிகிறது.

PANAIYATHAL V  
EEE-A 4 TH YEAR



## IEEE & ACHIEVEMENTS DEPT OF EEE

The EEE department has made remarkable strides in IEEE activities, with students excelling in international competitions and innovative technical projects. They take active leadership roles in IEEE societies, fostering a culture of creativity, knowledge-sharing, and collaboration.

**ACHIEVEMENT  
EMPOWERMENT**

---

**INNOVATION  
LEADERSHIP**





## IEEE HACKATHON

Reshmi T (EEE - IV yr) emerged as the Winner of the IEEE Hack2.8 National Hackathon. As a team, they secured the Innovation in Transportation Award with a prize of ₹25,000.

## IEEE PELS SBC LEADERS OBTAIN GRANT FOR INITIATIVE

Dr. T. Porselvi (Advisor), Harish M (III yr EEE – Chairperson), and Nakul S (III yr EEE – Chairperson) of IEEE PELS SBC have brought pride to the Department of EEE. They successfully secured \$200 in funding from IEEE PELS for their initiative.



## STUDENT TEAM SECURES IEEE SIGHT GRANT FOR SMART RO PURIFIER PROJECT



Guided by Dr. Porselvi T and mentor Ms. Shalini Priya J, a student team—Dhanush K, Harish M, Nakul S, Ashwin N, Janani S, Sandeep P, and Shobhikgah R A—has earned a USD 6,217 grant from IEEE SIGHT for their project “Next-Gen RO Purifier with Smart TDS Adjustment & Sustainable Water Dispensing.” This innovative solution addresses the global challenge of clean water access, offering a tech-driven, sustainable, and affordable approach. Recognized for its creativity, technical depth, and social impact, the project reflects a strong commitment to engineering for humanity.



## ECO CREDENCE TEAM WINS IEEE TECH4GOOD GRANT FOR SMART WATER MANAGEMENT



Under the guidance of Kothai R and Dr. K. Baranidharan, the student team Eco Credence—Pranesh S A, Nithyashri Mahesh, Naveen E, Madhumitha D, R Aditya Shyambarish, Swetha Sankara Kumar, Pratyush S, Nivekhitha R, Koundar Barathiraja S, and Pavithran M - secured USD 6,508 from IEEE TECH4GOOD for their project “BLUE TRACK – Water Management System.” This innovative solution integrates technology with sustainability to tackle water resource challenges, aligning with the UN SDG on Clean Water and Sanitation. The project was lauded for its creativity, technical strength, and potential societal impact.

## GAME CHANGERS-SPOTLIGHT AWARDS 2025

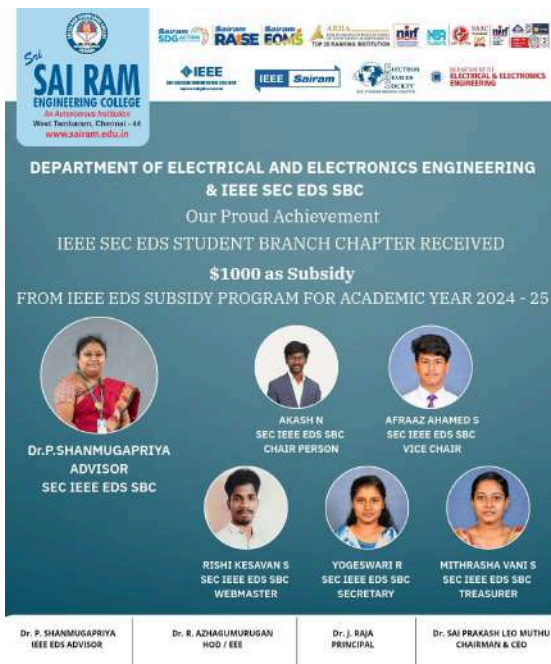


On April 11, 2025, the Department of EEE, in collaboration with the IEEE Solid-State Circuits Society SBC, hosted the “Game Changers – Spotlight Awards 2025” at the Sairam Incubation Mini Auditorium. The event celebrated the dedication and contributions of the core IEEE SSCS members, recognizing their impact on the student community.

Esteemed dignitaries—**Dr. R. Azhagumurugan** (HoD/EEE), **Dr. J. Raja** (Principal), and **Dr. L. Kurinjimalar** (SEC IEEE SSCS Advisor & Event Coordinator)—graced the occasion and delivered motivational addresses, highlighting the importance of leadership, teamwork, and service.



## IEEE SEC EDS STUDENT BRANCH CHAPTER SECURES \$1000 IEEE EDS SUBSIDY



The Department of Electrical and Electronics Engineering, in collaboration with the IEEE SEC EDS Student Branch Chapter, is proud to announce the receipt of a \$1000 subsidy from the IEEE EDS Subsidy Program for the academic year 2024–25. This achievement was made possible through the steadfast guidance of our advisor, **Dr. Shanmugapriya P**, and the dedicated efforts of our student team—**Akash N** (Chairperson), **Afraaz Ahamed S** (Vice Chair), **Rishi Kesavan S** (Webmaster), **Yogeswari R** (Secretary), and **Mithrasha Vani S** (Treasurer).

## **INSPIRING GUEST ADDRESS BY DR. PORSELVI AT IEEE PELS EVENT**



The highlight of the event was the insightful guest address by Dr. Porselvi, Advisor of SEC IEEE PELS. She spoke on the objectives, benefits, and global impact of the IEEE Power Electronics Society, highlighting its role in driving innovation, offering international exposure, and enabling valuable networking opportunities. Her motivational words encouraged students to actively engage in professional society activities to enrich both their academic journey and career growth.





### THE SELECTED TEAMS:

**Janani N**

**Brindha J**

(under the guidance of **Dr.B. Meenakshi**)

**Blessing Joshua HS**

(under the guidance of **Dr.C.. Priya**)

**Sivapriya V**

(under the guidance of **Mrs.F. Punnya Priya**)

## IEEE YESIST 12

IEEE YESIST 12 – Youth Endeavours for Social Innovation using Sustainable Technology is an international platform that brings together young innovators to address global social and humanitarian challenges through sustainable technology. With participation from over 3,000 students across 30+ countries, only the most impactful projects were selected for the Grand Finale 2025.



## WIE ACHIEVEMENTS



The IEEE Women in Engineering Affinity Group, Madras Section, hosted Connecting the Dots 3.0: Present and Prowess on September 4, 2024, at St. Joseph's College of Engineering, Chennai. The event featured an inspiring keynote by Ms. Kavitha Anbarasu, whose insights into the evolving role of women in engineering left a lasting impact. Sri Sairam Engineering College was honored with an Honorary Mention Award for its efforts in promoting women in engineering, marking a proud moment for the institution took part by Hiranya karthika M, Lavanya j c, Kayathri devi s



## WIE ACHIEVEMENTS




IEEE WIE-AG, in association with IEEE Madras Section – WIE AG, celebrated WIE Day 2025 on July 3 at Alpha Hall. Themed “Cyber Shield: Empowering Women in Cyber Security,” the event featured talks by Mr. Dhivakar B, Senior Cyber Security Researcher, Hebesec Technologies, and Ms. S. V. Juno Bella Gracia, Assistant Professor, SEC. An interactive online quiz with prizes and e-certificates added to the enthusiasm, making the program a meaningful step in empowering women in cyber security.

## WIE ACHIEVEMENTS



IEEE WIE-AG, in association with the Department of Electrical and Electronics Engineering, celebrated IEEE WIE Day 2024 on July 2 at Alpha Hall. The event featured interactive sessions and activities that inspired and empowered women engineers while promoting diversity and inclusion in the field with funding awarded by wie affinity group





QUIZ!

- 1. IN AN EV, WHICH MOTOR TYPE IS MOST COMMONLY USED DUE TO HIGH TORQUE AND EFFICIENCY?**
- 2. WHY ARE PMSMS PREFERRED IN EVS OVER INDUCTION MOTORS IN MANY CASES?**
- 3. IN AN EV POWERTRAIN, WHAT IS THE FUNCTION OF THE INVERTER?**
- 4. HOW IS REGENERATIVE BRAKING ACHIEVED IN AN EV?**
- 5. WHICH TYPE OF CONVERTER IS USED IN EV CHARGERS FOR STEPPING DOWN AC MAINS TO DC FOR BATTERY CHARGING?**
- 6. WHICH STAGE OF AN EV CHARGER AFFECTS THE POWER FACTOR THE MOST?**
- 7. WHY ARE HIGH-VOLTAGE BATTERY PACKS PREFERRED OVER LOW-VOLTAGE ONES IN EVS?**
- 8. WHAT IS THE ROLE OF THE DC–DC CONVERTER IN AN EV?**
- 9. WHICH PART OF AN EV ENSURES PROTECTION AGAINST OVERCURRENT AND SHORT CIRCUITS?**
- 10. WHY IS THERMAL MANAGEMENT CRITICAL IN EV POWER ELECTRONICS?**



**II. WHICH MOTOR CONTROL METHOD IS MOST WIDELY USED IN EVS?**

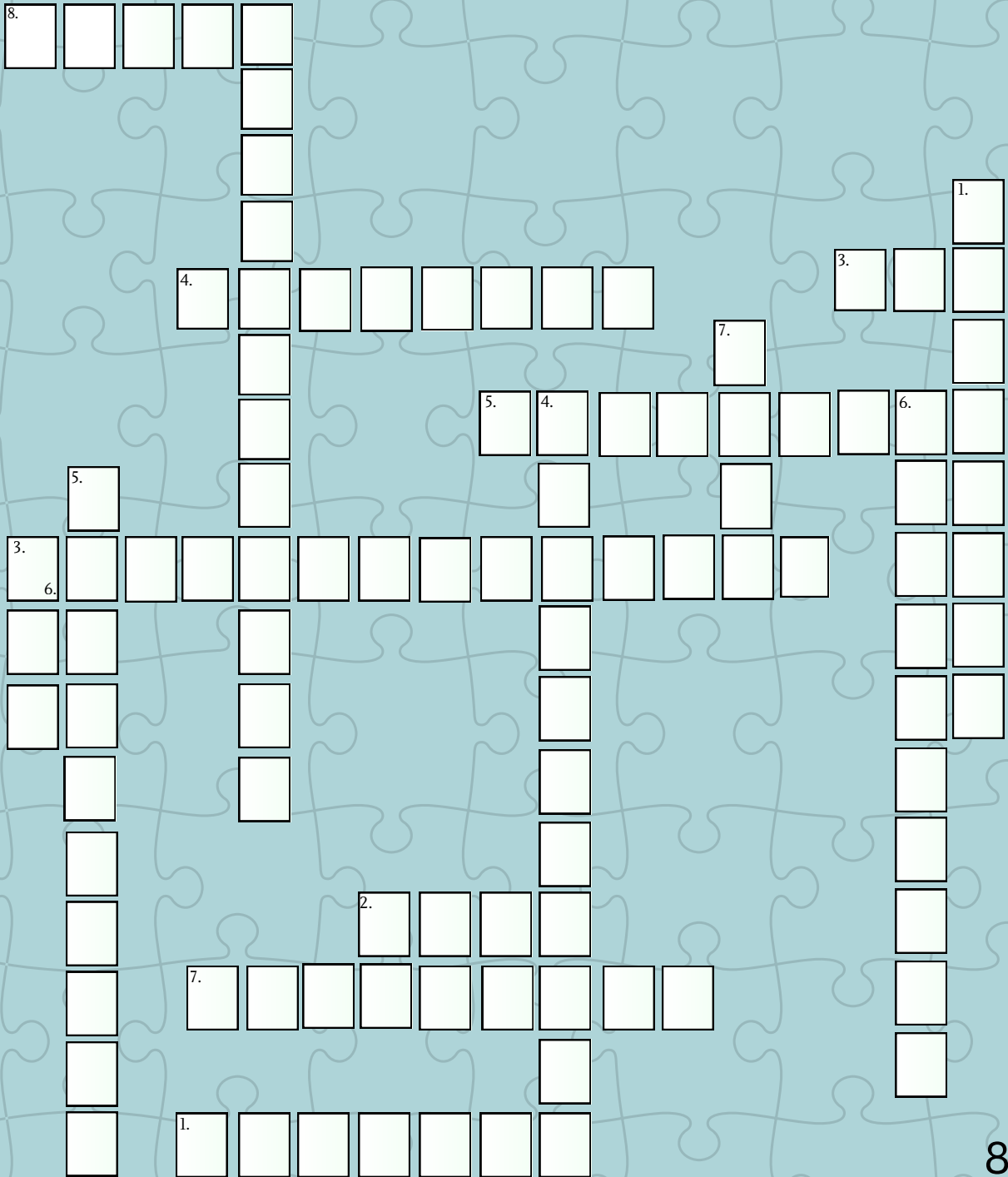
**12. WHAT IS MEANT BY VEHICLE-TO-GRID (V2G) IN EVS?**

**13. WHY IS AN ISOLATION TRANSFORMER OFTEN INCLUDED IN EV CHARGING STATIONS?**

**14. IN PMSMS USED IN EVS, ON WHICH FACTORS DOES TORQUE MAINLY DEPEND?**

**15. WHICH POWER SEMICONDUCTOR DEVICE IS MOSTLY USED IN EV INVERTERS TODAY?**

1. PERMANENT MAGNET SYNCHRONOUS MOTOR
2. HIGHER EFFICIENCY AND BETTER POWER DENSITY
3. CONVERT DC FROM BATTERY TO AC FOR THE MOTOR
4. THE MOTOR CAN ACT AS A GENERATOR,
5. BUCK-BOOST CONVERTER,
6. INPUT AC - DC CONVERSION STAGE,
7. THEY REDUCE CURRENT FOR THE SAME POWER, MINIMIZING COPPER LOSSES.
8. STEPS DOWN HV BATTERY VOLTAGE TO 12V FOR AUXILIARIES,
9. FUSE AND CIRCUIT BREAKERS,
10. TO AVOID OVERHEATING OF MOSFETS/IGBTs IN INVERTERS,
11. VECTOR CONTROL (FIELD ORIENTED CONTROL),
12. BATTERY ACTING AS A UPS FOR THE GRID,
13. TO ENSURE SAFETY AND GALVANIC ISOLATION,
14. MAGNETIC FLUX LINKAGE AND STATOR CURRENT,
15. IGBT





# crossword

## Across Clues

1. Main energy storage device in EVs.
2. Type of motor commonly used in EVs.
3. Unit of electrical energy.
4. Power electronic device used for speed control.
5. Device to convert AC to DC.
6. Circuit used to increase voltage.
7. Wireless EV charging method.
8. Main part of EV drivetrain that turns wheels.

## Down Clues

1. Network of public EV power points.
2. System to recover energy during braking.
3. Controls and manages energy flow in EVs.
4. The 'fuel' for electric vehicles.
5. Controls speed and torque of the motor.
6. Full form of EV.
7. Non-renewable resource EVs help conserve.



# SPORTS ACHIEVEMENTS







## **GOKUL G EEE-A / III YEAR**

**CM trophy conducted by kanchipuram (SDAT) . our college scored (3rd )with cash price 9000 in Handball match (team captain).**

**New prince sri bhavani college conduct the state level handball match sri sairam engineering college got runner up**

**Zonal level handball match conducted by anna University in MIT sairam engineering college got runner**



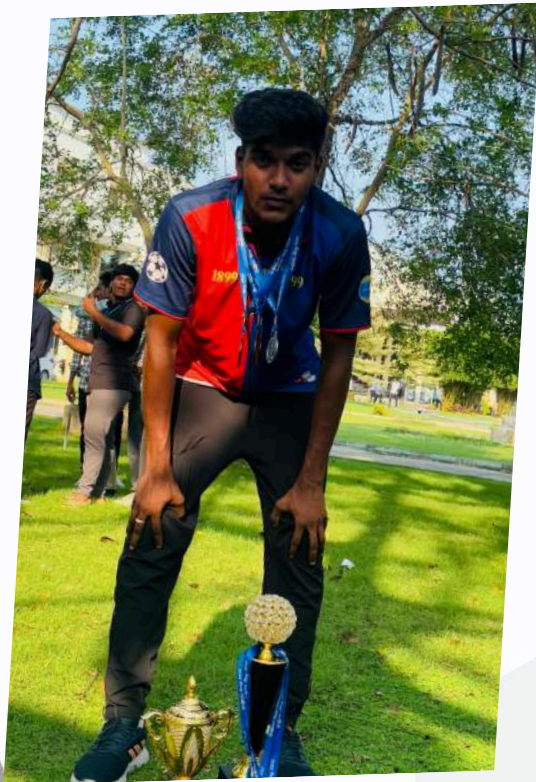
## **GIRIDHARAN R EEE-A / III YEAR**

**1st Price in Long Jump**

**1st Price in 100 Meters**

**3rd Price in 200 Meters**

**Overall Men Individual  
Championship  
2025**



**Anna University Zone-IV Football  
Winners**

**Anna University Zone-IV  
Athletics Winners(100,200,long  
jump)-Silver Collage**







**Vidhula P**  
**EEE-A / III YEAR**  
**2nd Price in**  
**Discus Throw**



**Won the Silver Medal in**  
**Athletics (High Jump)**  
**at the Chennai Zonal**  
**Tournament conducted**  
**by the Anna University**  
**Sports Board, Chennai.**



**DHANARAJ A**  
**EEE-B / II YEAR**  
**3rd Price in 1500 Meters**

**HARINI R K**  
**EEE-A / II YEAR**  
**3rd Price in 100 Meters**







**SARVESHWARAN G**

**EEE – B (III Year)**

**8th South Indian Invitational open Karate  
Championship – 2024**



**SABITHA K**

**EEE-A / II YEAR**

**3rd Price in Discus Throw**

# SPORTS TEAM



## Football Men's Team – RunnerUp



**100m Relay – 3<sup>rd</sup> Place (Bronze)**

**Giridharan (3<sup>rd</sup> year–A)**

**Santhosh Kumar (3<sup>rd</sup> year–A)**

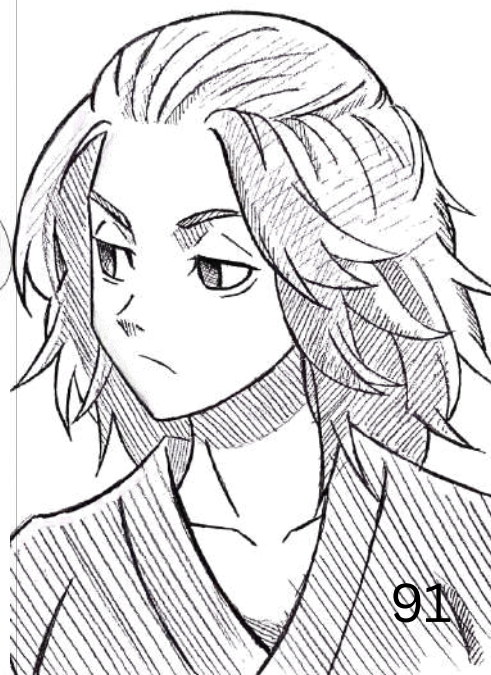
**Pravin Kumar (3<sup>rd</sup> year–A)**

**Priyan (4<sup>th</sup> year–A)**





# SKETCH & SPARK





**KABILAN S**  
**EEE - A (IV YEAR)**



**KABILAN S**  
**EEE - A (IV YEAR)**



**NIROSHA S**  
**EEE - A (III YEAR)**

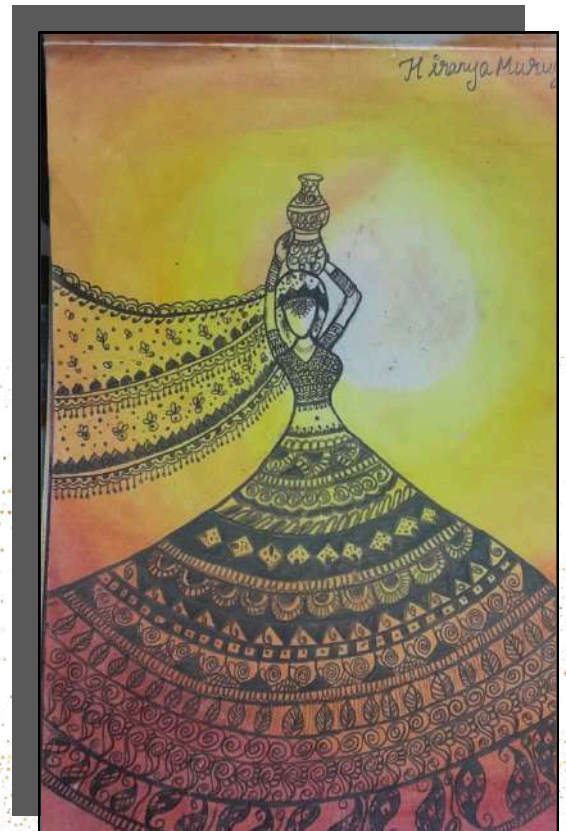




# HIRANYA KARTHIKA M EEE - A (IV YEAR)



# HIRANYA KARTHIKA M EEE - A (IV YEAR)



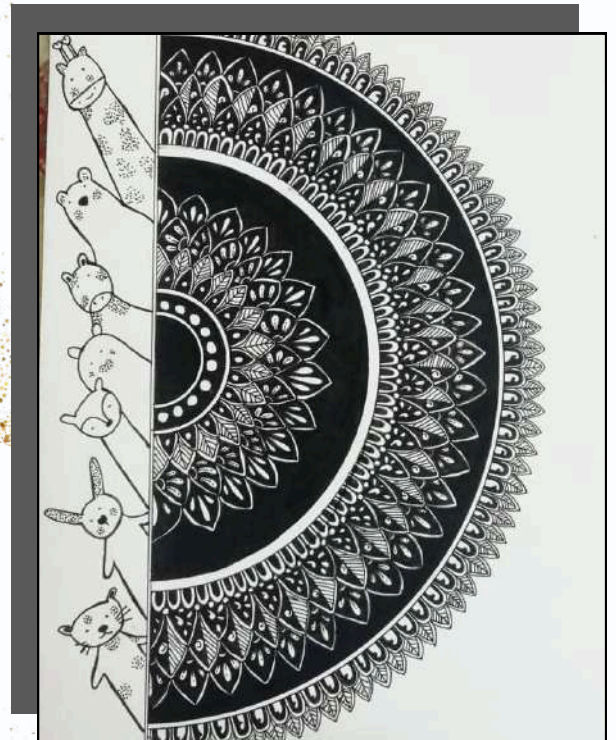
# UTHAMA RAJA M EEE - A (IV YEAR)





**ARCHANA K**  
**EEE - B (11 YEAR)**

**ARCHANA K**  
**EEE - B (11 YEAR)**



**SHIVALINI T**  
**EEE - B (11 YEAR)**

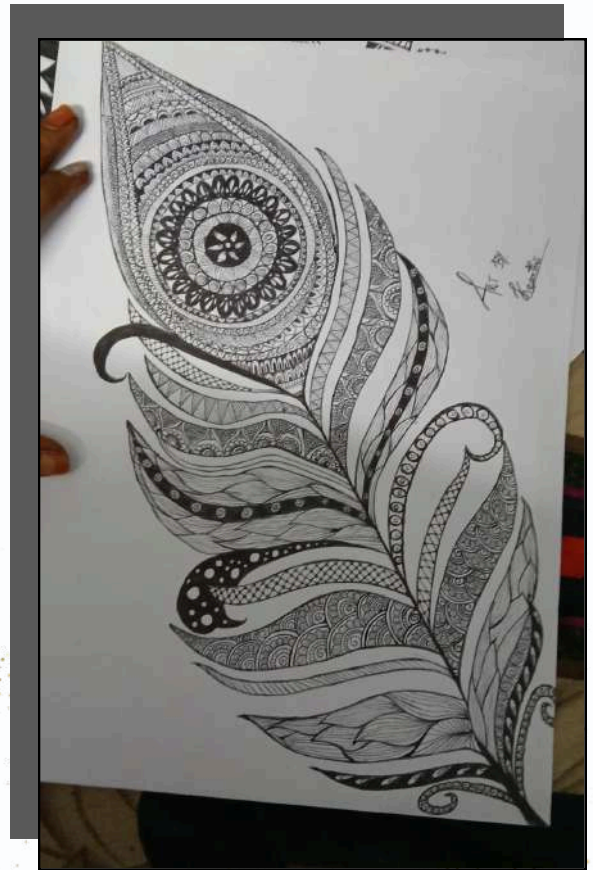




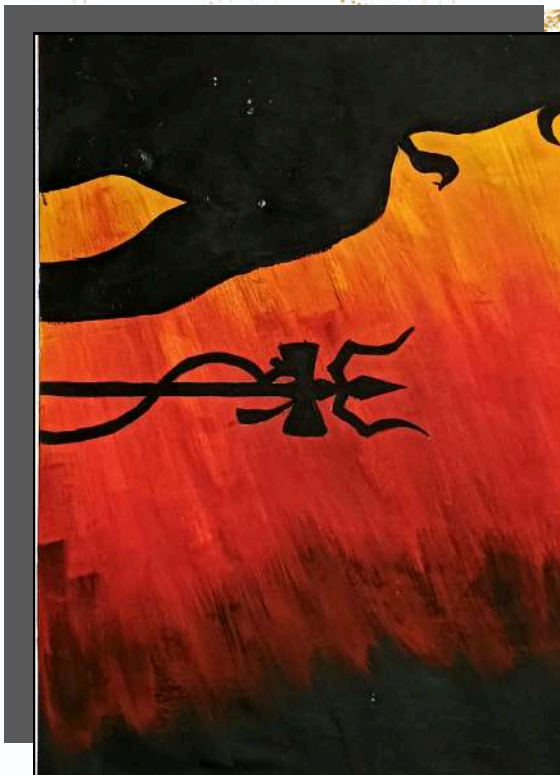


**KEERTHI SRI S  
EEE - A (III YEAR)**

**KEERTHI SRI S  
EEE - A (III YEAR)**



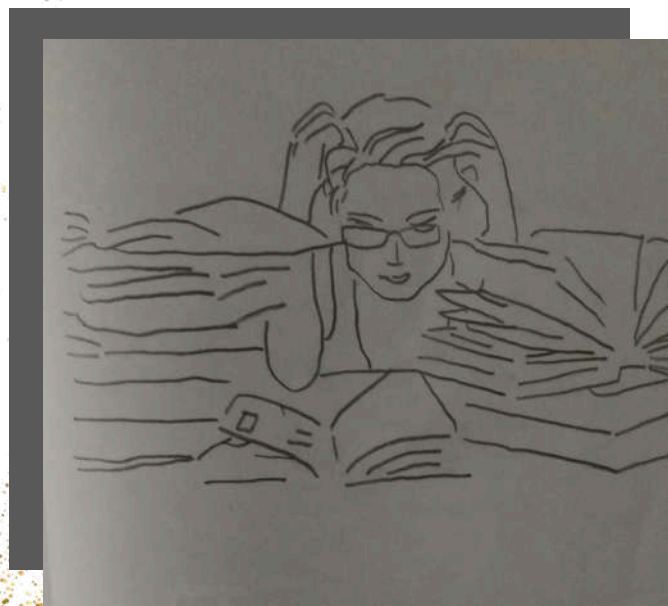
**SANTHIYA T  
EEE - B (III YEAR)**



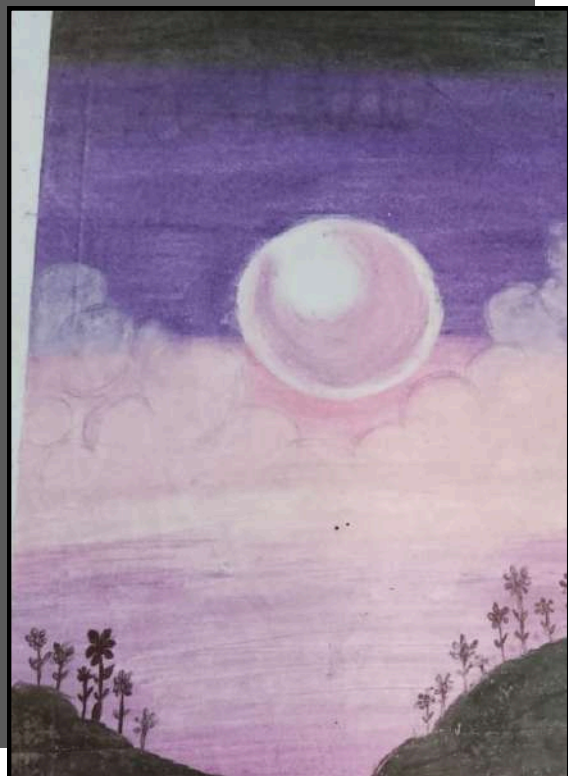


**NITHYA SREE K**  
**EEE - B (III YEAR)**

**NITHYA SREE K**  
**EEE - B (III YEAR)**



**NIROSHA S**  
**EEE - A (III YEAR)**

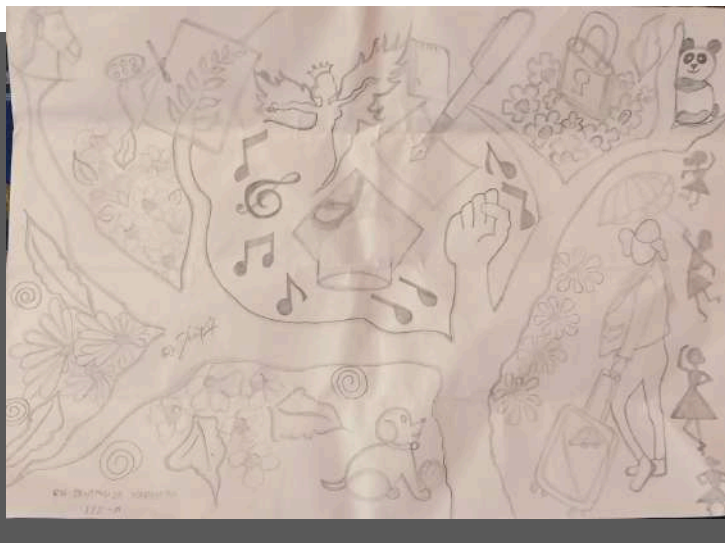






**GAVATHRI M**  
**EEE - A (III YEAR)**

**DHANUJA VARSHINI**  
**RK**  
**EEE -A,2nd year**



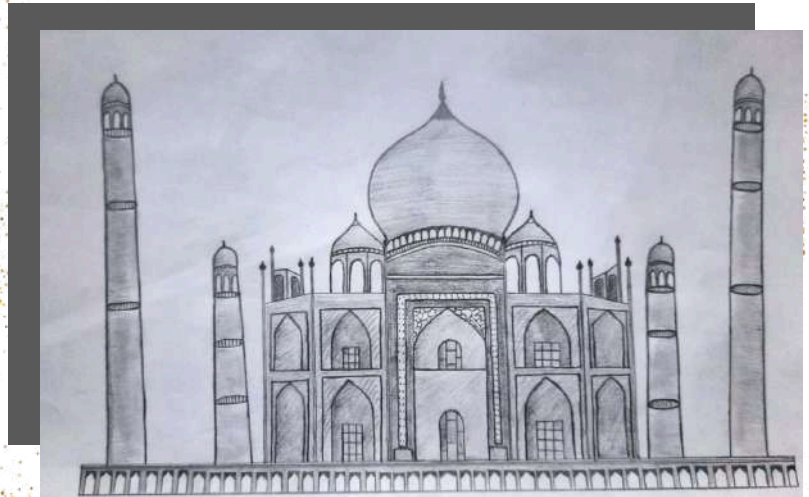
**JANANEE S**  
**EEE -B 4TH year**





**VIDHULA P**  
**4th yr EEE A**

**JANANEE S**  
**EEE -B 4TH year**



**SANTHOSH KUMAR B**  
**EEE -A 4TH year**





# Poetry





# The Crave

Some things are only meant to be  
archived

It can't be revised and can't be erased;  
But last long...only as the sweetest  
one,

The urge to disappear in the thoughts  
of those;

But the bleary eyes express the tone  
of the truth;

The gabbling mind is paused by the  
heart and then comes the erupted  
laugh;

Still the seeking face, ends up with a  
satisfied smile.

- MAHATHI S V  
EEE - A (IV Year)





# **SHE'S ALMOST FREE-THE ACHE OF ALMOST**

They say we are free,  
and maybe we are— but the strings are thin,  
invisible, tied to our steps, our clothes, our choices.

I walk with sunlight on my face,  
yet shadows follow— not from trees or walls, but  
from eyes that measure, questions that cage.

It is not silence, not grief, not anger— something  
in between, an ache without a name. Like the hush  
of a song you almost remember, or the ocean's  
pull you cannot resist, it lives inside me -a  
freedom half-given, half-stolen.

And still, I carry it. Not because I accept, but  
because somewhere, beneath these constraints,  
waits the kind of freedom that needs no  
permission.

- HIRANYA KARTHIKA M  
EEE - A (IV Year)





# THE SKY REMEMBERS LIGHT

We wear our pride like a heavy shield,  
Yet hidden cracks are soon revealed.  
The world insists we should not fall,  
But silence becomes the deepest wall.

In the mirror, a gentle plea appears,  
An echo wrapped in countless fears.  
“I’m sorry, my soul, for the weight I gave,  
For every dream I could not save.”

To forgive the self is a sacred art,  
The first soft light to heal the heart.

Like dawn that paints the eastern sky,  
Hope returns where shadows lie.  
A quiet flame through darkness flows,  
Whispering truths the spirit knows.  
From weary wings new strength will rise,  
And sorrow melts into morning skies.

- AKASH N  
EEE - B(IV Year)





# MOOD SWING IN THE MIDWAY OF LIFE

Staring through the window on the right,  
Gazing at the moon which shines so bright,  
Looking at the stars at height,  
Hearing the chirping of birds with delight,  
Watching the city lit up with light,

Gleaming at the sparkling dark sky,  
Noticing kids playing with heart of white  
And the elders with the mask of white,  
She was thinking about herself,

With dumping thoughts of cold war fight,  
Imagining the future which is out of sight,  
She holds her pillow tight,  
And ensure everything goes right.

- MAHATHI S V  
EEE - A (IV Year)



# அவளின் ஆசை

அவளின் ஆசை காற்றில் ஆடும்.  
இலை போல

பசுமையாய் துளிரும், காற்றின் பாடலில் ஆகும்  
பறவைக்கு நிழலாகும் பூச்சிக்கு வீடாகும்

சூரைகாற்றில் சுழன்று மரத்தின் வேர்களில்  
உரமாகும் அவளின் இதயத்தில் மலர்ந்து  
வண்ணத்து பூச்சியாய் வண்ணம் தீட்டி  
வானவிலாய் படர்ந்து இறுதியில் சமுதாயத்தின்  
கண்களில் எரிந்து அவளின் கண்ணீரில்  
கரைகிறது அவளின் ஆசை!

- திவ்யவர்ஷினி  
EEE - A(IV Year)



# அம்மா

நட்சத்திரம் போல் ஒளிரும் நாயகி நீ என்  
வாழ்வில், நிழலாய், ஒளியாய் என்னோடு நீ  
வாழ்வில்! கொடுக்கும்கை, நம்பிக்கை சொல்,  
அன்பின் அரசி, கோடைமழைபோல் இனிக்கும்  
உன் பேச்சு!

சோறு வடிக்கும் சமையலறை அந்தி விளக்கே,  
சோகம்தீர்க்கும் வைத்தியர் நீ! உன் அன்பான  
பேச்சே வடுவின் மருந்து! வான்தொடும் கனவுகள்  
கொள் என்று கற்றுத் தந்தாய்!  
வாழ்வெனும்பயணத்தின் தொடக்கம் நீ அம்மா!

- ஜனனி ச  
EEE - B (III Year)



# சிம்மா

ஆர்வமாய் காத்திருந்து ஆனந்தத்தோடு அள்ளி அனைத்து  
ஆருயிராய் எனை நினைத்து  
ஆயிரம் முறை அமிர்தம் அதை நிதம் தந்து  
ஆராதனை பல நீ செய்தாய் ஆரோக்கியமாய் நான் வாழ

ஆதியாய் நான் நிகழ ஆடம்பரத்தை துரந்தவள் நீ  
ஆவணங்கள் பல நான் வாங்க  
ஆசையோடு இரசித்தவள் நீ

ஆசிரியராய் உருமாறி ஆறுதல் பல நீ தந்தாய்  
ஆளுமையாய் எனை வளர்த்தாய்

ஆரம்பம் நான் எதை செய்தாலும்  
ஆலோசனை செய்ய உனை தேடுகிறேன்.

ஆண்டாண்டாக குழந்தையாய் எனை கருதி  
ஆசீர்வாதங்கள் பல நீ கொடுக்க  
ஆழமான உனதன்பை புரிந்துகொள்ள  
ஆயுள் எத்தனை தேவைப்படுமோ?

- ராக. தனுஜ வர்ஷினி  
EEE - B (II Year)



# SHUTTER & STORY







Shivalini T  
EEE - B / III Year



Srisanjit P D  
EEE - B / IV Year







Nithya Sree K  
EEE - B / III Year



Mohamed Azarudeen F  
EEE - A / IV Year







Dheepika K  
EEE - A / III Year



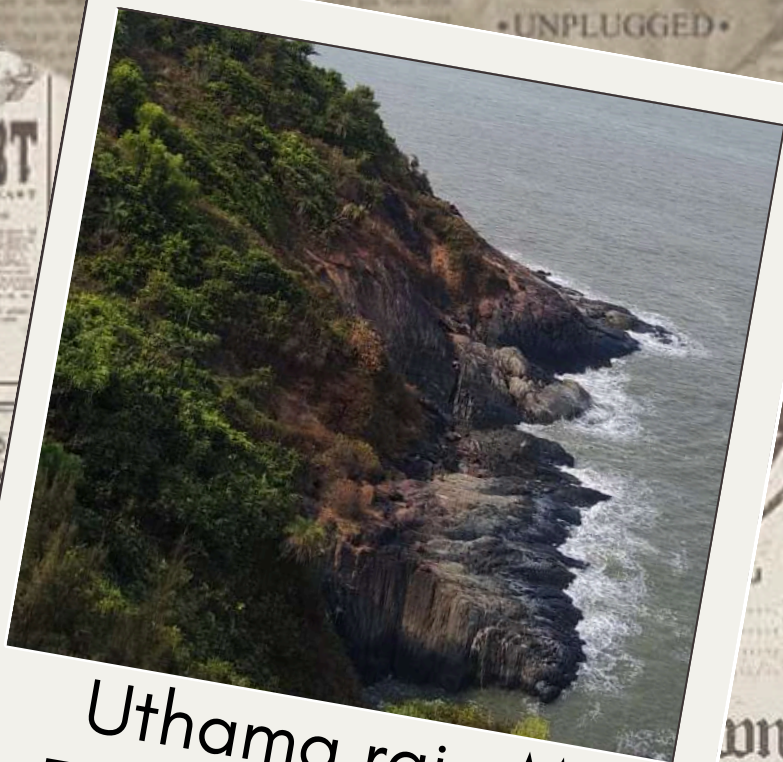
Panaiyathal V  
EEE - A / IV Year







Varshith M  
EEE - A / IV Year



Uthama raja M  
EEE - A / IV Year







Hiranya karthika M  
EEE - A / IV Year



Keerthana A  
EEE - B / IV Year



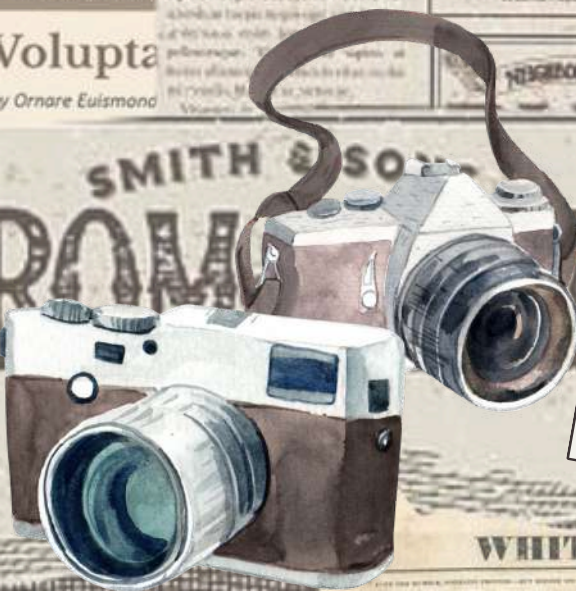




Dhanusre A  
EEE - B / III Year



Vishwa dharani S  
EEE - B / IV Year







Sri Aravindan S  
EEE - A / III Year



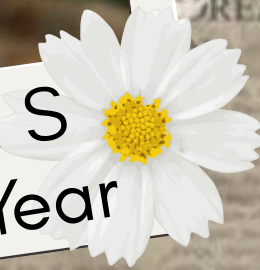
Srikanth M  
EEE - A / III Year







Kayathri devi S  
EEE - A / IV Year



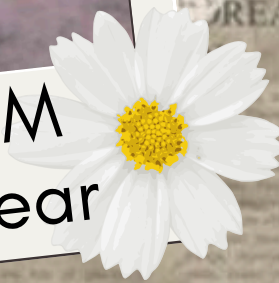
Mithra shavani S  
EEE - B / IV Year







Divyavarshini M  
EEE - A / IV Year



Kabilan S  
EEE - A / IV Year







Mahathi S V  
EEE - A / IV Year



Panaiyathal V  
EEE - A / IV Year



WHITE-PLAINS GAZETTE.



# Imagine the Future and Make it happen!



1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



**Sairam**  
SDG ACTION PROGRAM

Together let's build a better world where there is **NO POVERTY** and **ZERO HUNGER**.  
We have **GOOD HEALTH AND WELL BEING**, **QUALITY EDUCATION** and full **GENDER EQUALITY** everywhere.

There is **CLEAN WATER AND SANITATION** for everyone. **AFFORDABLE AND CLEAN ENERGY**  
which will help to create **DECENT WORK AND ECONOMIC GROWTH**. Our prosperity shall be fuelled  
by investments in **INDUSTRY, INNOVATION AND INFRASTRUCTURE** that will help us to  
**REDUCE INEQUALITIES** by all means. We will live in **SUSTAINABLE CITIES AND COMMUNITIES**.  
**RESPONSIBLE CONSUMPTION AND PRODUCTION** will help in healing our planet.

**CLIMATE ACTION** will reduce global warming and we will have abundant,  
flourishing **LIFE BELOW WATER**, rich and diverse **LIFE ON LAND**.

We will enjoy **PEACE AND JUSTICE** through **STRONG INSTITUTIONS**  
and will build long term **PARTNERSHIPS FOR THE GOALS**.



For the goals to be reached,  
everyone needs to do their part:  
governments, the private sector,  
civil society and **People like you.**

*Together we can...*

*Sairam Leo Mathur*

Chairman & CEO - Sairam Institutions