

DEPARTMENT OF  
**M.TECH. -  
COMPUTER SCIENCE  
& ENGINEERING**

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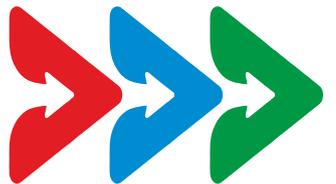
In Association with  
**IEEE SMC**  
Systems, Man, and Cybernetics Society

# PULSE 3.0

Program for Understanding, Learning, Service, Education and Excellence  
Newsletter 2024 Vol.-3, Issue - 1



Sri  
**SAIRAM**  
ENGINEERING COLLEGE  
*An Autonomous Institution*  
West Tambaram, Chennai - 44  
[www.sairam.edu.in](http://www.sairam.edu.in)



# VISION

## PEOPLE + PROCESS + PURPOSE = SUCCESS

At Sairam, we realize that the higher education sector is under significant pressure to adapt to the changing needs of the future. Institutions need to become more operationally efficient and effective, improve student outcomes, increase access to higher education, recruit and retain top faculty and researchers, and more.

Effective transformation in these areas requires an organization-wide strategic approach that seeks to improve and enhance organizational models, operating processes, technology, leadership, and talent models. We have adopted a 3Ps model of aligning People, Process and Purpose with the vision of the organization.



*Inspiring*  
PEOPLE

*Sairam*  
**RAISE**



*Improving*  
PROCESS

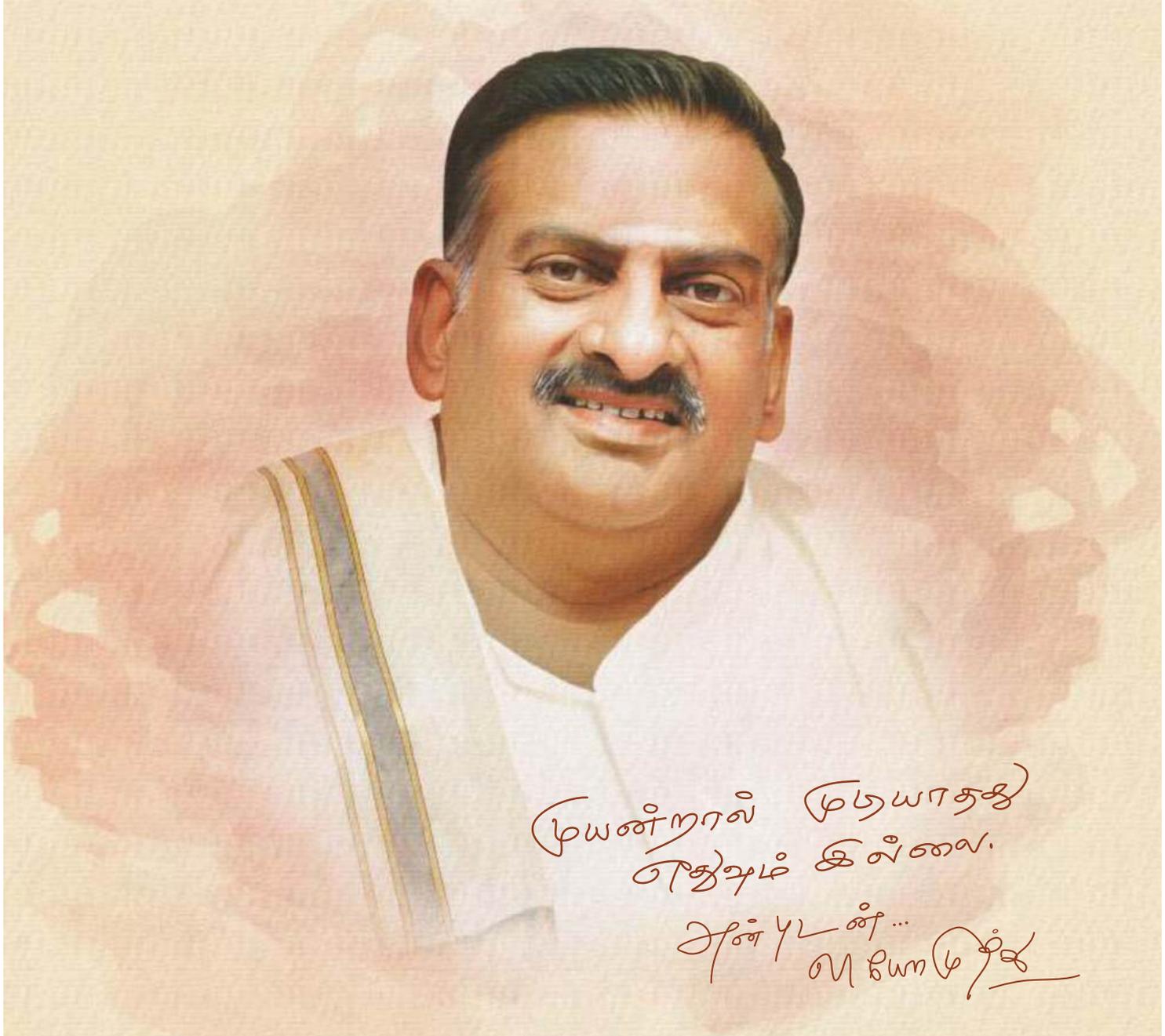
*Sairam*  
**EOMS**



*Instilling*  
PURPOSE

*Sairam*  
**SDG ACTION PROGRAM**

# THE INSPIRATION



ஸ்ரீமன்றம் ஸ்ரீயாத்  
செய்தல் சுவை.

செய்தல்...  
M. Leo Muthu

## M.J.F. LN. LEO MUTHU

FOUNDER CHAIRMAN - SAIRAM INSTITUTIONS

## ABOUT THE DEPARTMENT

The department of M.Tech Computer science & engineering Integrated is a 5 year program offering B.Tech & M.Tech degree with the objective to provide accelerated advanced industry focused learning. Emerged in the academic year 2021, adding to Sri Sairam engineering college's list of esteemed programs, the integrated program inherits the core curriculum from CSE department, including cutting edge technologies like Big Data Analytics, Internet of Things, Design Thinking, Internet of Things, BlockChain Technology, Artificial Intelligence, Cloud computing, Machine Learning, Full stack Development and Data Science.

The department provides a platform of learning and practicing real time projects with its excellent lab facilities with latest softwares. With experienced staff from industrial background, the learning experience bridges the gap between academics and industry.

The department has futuristic plans to tie up with industries to mentor the students and equip them towards industry based learning. Further, the students will be trained by the personnel of corporate & industrial relations to ensure they are ready for industrial culture. Post the four years of academic learning, the students will be facilitated to do industry based projects for early sensing of industrial adaptation. Equal opportunity will be provided for the students interested in research with Government research organization, tie ups, enabling them to take up PhD and Postdoctoral courses.

## DEPARTMENT'S VISION AND MISSION

### VISION

To be a pioneer in providing industry and research focused integrated curriculum in computer science and engineering and to transform young minds to sustain technically and compete globally with enriched, ethical and moral values to serve the nation and beyond.



### MISSION

Department of M.Tech Computer Science and Engineering, Sri Sai Ram Engineering College is committed to

Accelerate the learning process by collaborating undergraduate fundamentals & postgraduate focused learning & research.

Tie-up with industries to facilitate advanced real time projects & internships to bridge gaps between industry & academics.

Impart research mindset to provoke innovative thoughts and be responsible for inventions benefitting society

Inculcate moral and ethical values as a part of curriculum to enable interpersonal skill



## **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

- PEO 1:** Graduates will have solid and sound basics in Mathematics, Scientific and Engineering fundamentals necessary to understand, analyze and design any Problems in Software and / or hardware domain in the field of computer science.
- PEO 2:** Graduates will have the capability to work effectively as Computer Science Engineers, including supportive and leadership roles in multidisciplinary domains and research.
- PEO 3:** Graduates will have the potential to participate in life-long learning through the successful completion of higher degrees, continuing education, certifications and/or other professional developments.
- PEO 4:** Graduates will have the ability to apply the gained knowledge to improve the society ensuring ethical and moral values.

## **PROGRAM SPECIFIC OUTCOMES (PSOs)**

Computer science and Engineering graduates will be able to:

Analyze, design, develop, test, and apply managerial ideas and mathematical foundations to the development of computational solutions, allowing them to become experts in computer software and hardware design. Develop their strong analytical skills using a myriad range of programming principles, to assess environmental and social issue ethically, and to effectively manage projects in an interdisciplinary field.



The IEEE Systems, Man, and Cybernetics Society (IEEE SMC) is a professional society of the IEEE. It aims "to serve the interests of its members and the community at large by promoting the theory, practice, and interdisciplinary aspects of systems science and engineering, human-machine systems, and cybernetics"

In our department, we have a student branch of the very same society in which we empower people to learn new things.

The mission of the Systems, Man, and Cybernetics Society is to serve the interests of its members and the community at large by promoting the theory, practice, and interdisciplinary aspects of systems science and engineering, human-machine systems, and cybernetics. It is accomplished through conferences, publications, and other activities that contribute to the professional needs of its members.

We host competitions, Conferences and workshops in order to benefit the people. Our department's Society's office bearers are

CHAIRMAN	:	SIVANESH K S
VICE CHAIRMAN	:	VAISHNAVI S
TREASURER	:	RUTHI SHANKARI S
SECRETARY	:	PRAJITH B
WEBMASTER	:	GURU SANJAY R K

# CEO'S MESSAGE



**Dr. Sai Prakash Leo Muthu**

Chairman &  
Chief Executive Officer

"Making a start is fundamental to moving forward!"

As Chairman & CEO, I want to express my gratitude to the Department of M.Tech Integrated Computer Science and Engineering for launching their first departmental magazine, 'PULSEE' (Program for Understanding, Leadership, Service, Education, and Excellence). In the rapidly evolving world of technology, it's crucial to provide aspiring engineers with the latest tools, research, and entrepreneurial opportunities.

Our goal is to nurture the next generation of engineers who don't just graduate but lead change. 'PULSEE' aims to effectively share valuable insights, resources, and breakthroughs in computer science and engineering. The future requires innovative solutions and a new breed of talented individuals to bring them to life.

I applaud their initiative and wish them success in highlighting the diverse skills of our students.

# PRINCIPLE'S MESSAGE



**Dr. J. Raja**  
Principal

Success is the achievement of specific goals and requirements.

I'm genuinely thrilled and proud of the Department of M.Tech Computer Science Engineering for their dedicated efforts in creating a platform where faculty and students can share their knowledge, skills, and insights through a magazine, catering to the technical community's curiosity. I'm delighted to announce the release of this academic year's inaugural edition of the department's technical magazine, "PULSE 3.0" (Program for Understanding, Learning, Service, Education, and Excellence).

It's heartening to witness young minds collaborating with technology, unleashing their creativity and ideas, contributing to our nation's journey towards becoming a future superpower.

My warmest wishes and hearty congratulations to the entire publication team as they embark on this new chapter, with an exciting journey ahead.

# DEAN'S MESSAGE



**Dr. A. Rajendra Prasad**

Dean (Student Affairs)

Education is a powerful tool that equips individuals to overcome life's challenges and societal stereotypes, empowering them to explore the world through knowledge. It serves as the key to conquering obstacles and brings immense joy. I'm thrilled to share that the Department of M.Tech Computer Science Engineering has dedicated a platform for faculty and students to share their innovations and achievements through the magazine "PULSEE" (Program for Understanding, Leadership, Service, Education, and Excellence). The "PULSEE" program aims to inspire young minds to grow and accomplish more. I hope that reading this magazine will kindle your motivation to work harder and attain greater heights. I extend my heartfelt congratulations to the team for a successful launch of the inaugural edition, filled with engaging content for eager learners. I eagerly anticipate the upcoming editions. May your future endeavors be marked by unparalleled success and happiness! Best wishes for your journey ahead.

# DEAN'S MESSAGE



**Dr C.R. RENE ROBIN**

Dean (Innovation)

"The only way to discover the limits of the possible is to go beyond them into the impossible."

I take great pleasure in contributing to the wonderful magazine "PULSEE" (Program for Understanding, Learning, Service, Education, and Excellence) as a token of my gratitude for the commendable work of the M.Tech Computer Science and Engineering Department during its successful launch. This adds a touch of creativity and diversity to the classroom, offering students engaging and enriching educational experiences. Additionally, students have the opportunity to showcase their talents and nurture their creative potential through this publication. I deeply appreciate the efforts made to bring forth innovative content. I have full confidence that the information within the magazine will address future needs and provide decision-makers with creative ideas to advance our nation.

My warmest wishes go out for the successful release of the college magazine, and I wish you all a fantastic journey throughout the year.

# DEAN'S MESSAGE



**Dr. L. ARUNACHALAM**

Dean (Training & Placement)

It is a matter of dignity to pen down the message for " PULSEE " (Program for Understanding, Learning, Service, Education and Excellence) the magazine of the department of M.Tech Computer Science and Engineering. As I see the advancements being achieved, my heart is filled with a tremendous amount of joy. The department is developing into a sturdy sapling as a result of seeds that were sown recent years ago that have already borne fruit. Making academics a pleasant trip filled with delight and discovery is our goal and that of the entire management. This magazine acts as a platform for the students to express their creative pursuits which develop originality of thought and perception in them. The magazine's articles showcase the students' fantastic creativity and imaginative flair.

I send my best wishes to the entire faculty and my beloved students, encouraging them to continue on this trip toward the summit of success.

# HOD'S MESSAGE



**Dr. M. Nithya**

Head of the Department

I am gratified to know that the department of M.Tech Computer Science and Engineering is bringing out the Second edition of their technical magazine " PULSEE " ( Program for Understanding, Learning, Service, Education and Excellence ) for this academic year (2023-24). This is a productive technical material and subsidiary skill-developing tool for the students. This is an effective technical resource and tool for pupils to improve ancillary skills. To provide a forum for the researcher and student communities to exchange ideas and raise awareness of the significance of various subjects linked to their field of study, the magazine was launched. It brings the students and teachers of various disciplines on a common platform to share and display their ideas and creative talents. With their efforts, the Department of M.Tech Computer Science and Engineering students have formed a joint venture to publish a technical journal. I hope that this " PULSEE

" establishes itself as a flint to ignite the zeal and stir the brains of many intrusive innovations among the students and generate fervor among the academic members.

Through this message, I wish them " All the very Best " for their future endeavors and hope the students of M.Tech CSE bring more laurels to the college on the whole.

# PULSEE 3.0

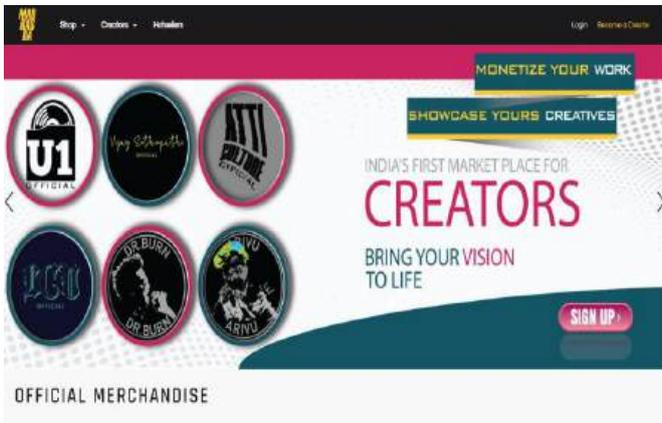


## IEEE FUND

In a remarkable achievement, Team AVANT-GARDE, comprising M.Tech CSE students from IEEE SEC SMC SBC, has secured funding through EPICS in IEEE for their groundbreaking project titled "Hyaciguard - Restoring Water Ecosystem Innovatively." Led by the astute leadership of Mr.RAKESH R and under the expert guidance of Principal Investigator Dr. M. NITHYA, HOD of M.Tech CSE, the team stands at the forefront of addressing critical environmental concerns. Composed of dedicated individuals including Ms.SHRIVANI R, Mr.SIVANESH KS, and Mr. SURYA A, all in their third year of M.Tech CSE, the team showcases exemplary commitment and ingenuity in their pursuit of restoring water ecosystems.

Their project not only underscores their technical prowess but also their unwavering dedication to leveraging technology for the betterment of society. With a substantial grant of 2150 USD, they are equipped to embark on their journey towards implementing innovative solutions aimed at revitalizing water ecosystems. Through their collaborative efforts and innovative approach, Team AVANT-GARDE aims to create a lasting impact on environmental conservation and sustainability. Their success serves as a testament to the power of teamwork, ingenuity, and determination in addressing pressing global challenges. As they embark on this transformative journey, we eagerly anticipate the positive outcomes and far-reaching implications of their endeavors.





## MADRASDA

Mr. Kamalesh Kumar Saravanan and Mr. Muthu Anand SU both received a stipend of **Rs 12000** and **Rs 15000** respectively for creating their work on an E-Commerce Website for selling Merchandise.

**Car Simulator, Coin Collector Using Leap Sensor**  
 Mr. SM Selva Vignesh, Mr. SJ Aadithya and Mr. S Sairaghav were awarded with a cash award of **Rs 2000** each for their projects namely, **Coin Collector Car Using Leap Sensor** and **Car Simulation**.



We're thrilled to announce that our talented students - **Ms.Yogitha.M, Ms. Swathika.S, Ms.Yuvashree.A.K.M** from the Department of M.Tech CSE (2021-2026 batch) have clinched a **"SEED FUND" of 25,000** for their groundbreaking project **"AI-SMART SEWER MAINTENANCE SYSTEM"** .

This remarkable achievement was accomplished at the prestigious RUSA 2.0 STARTUP CAFE event held on 27.04.2024, organized by the Center for Entrepreneurship Development at Anna University, Guindy.

## INNOVATHON WINNERS

**Mr. Sivanesh K S, Mr. Ramanathan K, and Mr. Sri Charith A G** from the department of M.Tech CSE (2021-2026 batch) who have secured the **"first prize"** in INNOVATHON 2.0 conducted on 21.03.2024 at Sairam Institutions in the Sairam SDG-INNOVATHON. Their project, "IoT Powered Vehicle Maintenance And Tracking System," presented under the SDG Goal-9, showcases their innovative prowess and dedication to addressing real-world challenges.



**Mr. Muthu Anand SU, Mr. Kamalesh Kumar Saravanan, and Mr. Guru Sanjay R K** from the department of M.Tech CSE (2021-2026 batch) who have secured the **"first prize"** in INNOVATHON 2.0 conducted on 21.03.2024 at Sairam Institutions in the Sairam SDG-INNOVATHON. Their project titled "E Public Distribution system" under the SDG Goal -2 reflects their innovative spirit and dedication to addressing crucial societal issues.

Warmest congratulations to **Mr. Surya A, Mr. Sundaram S, and Mr. Sriram G** from the department of M.Tech CSE (2021-2026 batch) for securing the **"third prize"** in INNOVATHON 2.0 held on 21.03.2024 at Sairam Institutions in the Sairam SDG-INNOVATHON. Their project, "Health Insurance Service Portal," presented under the SDG Goal -1, reflects their innovative approach and commitment to addressing critical societal challenges.



## SOLVEATHON 3.0 WINNERS



Extremely happy to share with you all that our students **Mr.R.Devadarshan, Ms.KS.Geetha Rashni, Ms. S.Saranya, Mr.J.Parthiban** of M.Tech cse won the **"Second place"** in the Solveathon3.0 held on 29 April 2024 and 30 April 2024 in the goal 1 - NO POVERTY on the project "B2I-NO POVERTY USING BLOCKCHAIN" of accelerating a Beggar Into An Investor.

## SOLVEATHON 3.0 WINNERS

Happy to share that our students **Ms.G Hasumathi Lakshmi, Ms.B.Lakshitha, Ms.M.Divya Sri, Ms.V.Divyadarshini** from the department of M.Tech CSE (2022-2027 batch ) has secured **“second place”** in SOLVEATHON 3.0 conducted on 29.04.2024 of Sairam Institutions in the Sairam SDG-SOLVATHON by presenting their project titled “Digital Water Treatment Process Designer” under the SDG Goal -6.



**Ms.Khushi Mili Mishra,Mr. Koushik Babu M, and Mr. Sai Charan U** from the department of M.Tech CSE (2022-2027 batch) have secured the **“second prize”** on Goal 7 in SOLVEATHON 3.0 conducted on 29.04.2024 at Sairam Institutions in the Sairam SDG-SOLVEATHON. Their project titled “Solar Glider- A Drone Based Solar Panel Cleaning Technology” enhances the efficiency and performance of solar panel systems by cleaning them using Drones.

**Mr.S.M.Selva Vignesh, Mr.S.J.Aadithya, Mr.S. Sairaghav,Mr. C.M.Lokesh** from the department of M.Tech CSE (2022-2027 batch) has secured **second prize** in SOLVEATHON 3.0 conducted on 29.04.2024 at Sairam Institutions in the Sairam SDG-SOLVEATHON by presenting their project titled “ADVANCE TROOPS TRAINING USING VIRTUAL REALITY” under the SDG Goal -16



**Mr.Aldous Roy,Ms. Janani VS and Ms.Vetriselvi M** form the department of M.Tech CSE have secured **“Third Prize”** on Goal 17 in SDG SOLVATHON 3.0 held on Sairam Institution by presenting the project title “ENHANCING VISUAL CLARITY IN HAZING AND SMOKY ENVIRONMENT USING DARK CHANNEL PRIOR” under SDG Goal-17.

# STUDENT ACHIEVEMENTS

**Ms. Sivasakthi A** of second year M.tech cse has won the first prize in **MatMac** event conducted by a national level technical symposium silicon 2k24 held during 3rd and 4th april organized by IEEE student branch at Sathyabama institute of science and technology.



**Mr. Viknesh SR , Mr. Vigneshwaran R, Mr. Nikesh B and Mr. Vickna Sai kumar** of 2nd year M.Tech CSE has won the first prize in **“INNOVATION QUEST”** on spot paper presentation which is organized by SRM Institute of Science and Technology on 12.4.24.

**Mr. Sri Charith A G** (III Year M. Tech CSE) , **Ms. Anurega** (III Year IT), **Mr. Arvind Adithya** (III Year IT) and **Mr.Dhanush** (III Year CSE) has won the **2nd Place** in IEEE INDIA COUNCIL HACKATHON which was held at Manipal University, Jaipur on 21st and 22nd October 2023



**Mr. Deepak P** (II Year CSE), **Ms. Indhumathi S** (III Year M. Tech CSE) , **Ms. Nivetha S** (II Year ECE) and **Ms. Vaishali S** (III Year M. Tech CSE) won the **2nd Place** in IEEE INDIA COUNCIL HACKATHON which was held at Manipal University, Jaipur on 21st and 22nd October 2023

**Ms.Pavithra Ramakrishnan, Ms. Vaishnavi S** from M.Tech CSE department and **Mr.Vishaal S** from EEE department from the 3rd year, achieved **1st prize** in the National Level Technical Symposium, **Pinnacle'24** which is conducted by the Department of IT – SRM Easwari Engineering College on 23rd February of 2024



**Ms. Vaishnavi S**, 3rd Year M.Tech Integrated CSE, has been bestowed with the prestigious **IEEE BEST STUDENT VOLUNTEER AWARD** for her exceptional dedication and unwavering commitment to SAIRAM IEEE throughout the year 2023.



A state level symposium event **ELEXPIEG** held on 20th March 2024 by Electrical and Electronics Engineering & Electronics and Communication Engineering on behalf of MNM Jain College of Engineering College, Three students of Sri Sairam Engineering College from the M.Tech CSE department namely **Mr. S J Aadithya**, **Mr. S Sairaghav**, **Mr. S M Selva Vignesh** won the second prize in the event Paper Feast with a cash prize.

Our student, **Mr. Mohammed Rizwan M**, III year MTech CSE received First place in the paper presentation event organized by Anand Institute of Higher Technology on 23rd March 2024.



**Mr. Siva Ganeshan K** and **Mr. Aravinddaxshan S** (III Year M. Tech CSE) has won the **1st Place** in **INKOGNITZ** Paper Presentation event which was held at Jeppiaar Engineering College, Chennai on 22nd March 2024.

**Ms. Sri Durgadevi S** (III Year M. Tech CSE), **Mr. Kishore M.A**, **Ms. Bharathi K**, **Ms. Krithika A** (III Year IT) won the **2nd Place** in **REVOITZ 2.0** Paper Presentation event which was held at Jeppiaar Engineering College, Chennai on 22nd March 2024.





**Ms. Vaishnavi S and Ms. Pavithra R** from the 3rd Year M.Tech CSE Department, along with **Mr. Vishaal S and Ms. Abinaya R** from the 3rd Year EEE Department has won the **1st Place** in Project Presentation Event conducted by the department of EEE – HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE on 6th april 2024.

**Ms. Yuvashree RH, Ms. Khushi Mili Mishra, Mr. Viknesh SR and Mr. Raveen T** won cash awards of **Rs 1000, Rs 750, Rs 500 and Rs 250** respectively for the **BIS Standards Writing Competition** on the topic **“Potable Water Bottle”**.



**Ms. N Nivetha Bharathy and Ms. Yuvashree RH** won the **first (Rs 1000)** and the **second (750)** places in the **Overall BIS Standards Writing Competition** on the topic **“Sticker Bindi”**.

**Shreya R**(2022-2027 Batch), a student of M Tech in Computer Science and Engineering, had the honor of being selected to represent the **Tamilnadu Directorate** at a prestigious 15-day national level adventure course camp through NCC. This intensive camp took place from April 18th to May 2nd, 2024, at the renowned **Jawahar Institute of Mountaineering and Winter Sports** in Pahalgam, Jammu and Kashmir.



**Karthikeyan A, Sri Ganesh, Shrivani R, and Kamalesh Kumar Saravanan** of the III Year M.Tech (CSE) program have achieved remarkable success as NPTEL Discipline Stars. The entire community is thrilled to share in their achievement and celebrate their well-deserved recognition. Their hard work and dedication have rightfully earned them this prestigious honor.



Yogitha M, Swathika S, and Yuvashri A.K.M from the M.Tech CSE (2021-2026) batch have secured a SEED FUND of 25,000 for their innovative project, "AI-SMART SEWER MAINTENANCE SYSTEM." This achievement was recognized at the RUSA 2.0 Startup Cafe event held on 27.04.2024, organized by the Center for Entrepreneurship Development at Anna University, Guindy.

**Ruthi Shankari S**, a 4th-year M.Tech CSE student, has been awarded the **FAER McAfee Scholar Award of Rs. 1,00,000** for her exceptional project, "MedLens" – a dermatological manifestation tool using AI. Guided by Dr. E. Priya (HOD AIML) and Dr. Chamakuzhi Subramanian (Professor, IIT Kharagpur), Ruthi's achievement highlights her innovation and dedication in the field.



**B. Lakshitha, G. Hasumathi Lakshmi, and M. Divya Sri** have emerged as the runners-up in the paper presentation event at "Wafes 2k24," conducted by Meenakshi Sundararajan College of Engineering on May 4th, 2024.



**Ruthi Shankari** of 4th year M.Tech CSE emerged as the winner of "Har Ghal Jal Quiz" organized in January 2024 by Jal Jeevan Mission under Development of Drinking Water and Sanitation, Ministry of Jal Shakthi. The quiz was released with an aim to educate participants about the various aspects of Jal Jeevan Mission, importance of judicious use of water, water quality, progress of the Jal Jeevan Mission, and related matters.



**G Hasumathi Lakshmi, M.Divya Sri, and B. Lakshitha** from the 3rd year M.Tech CSE program achieved 1st place and a cash award in the Paper Presentation event conducted by the Department of EIE at Velammal Engineering College on August 3rd, 2024.

**Mupidathy Gowtham T, Bhuvan S, and Abul Hussain A** from the 2nd year (2023-2028) M.Tech CSE program have achieved 2nd place and received a cash award in the Matrix CTF (Capture the Flag) event. This recognition was earned at the competition organized by the Department of Cybersecurity at SRM VEC on August 9th, 2024.



**Muthu Aanand S.U., Kamalesh Kumar Saravanan, and Guru Sanjay R.K.** from the III Year M.Tech CSE program have won the second prize for the Innovative Theme in the App-Wiz app development competition, organized by the M Apps Club of Sri Sairam Engineering College.

The IEEE-HKN Society is an international honor society that accepts members by invitation only. **Ms. Ruthi Shankari S**(2021-2026) from 4th year of the MTech CSE department has been inducted as a member of the IEEE-HKN Society.



**MATHEW EMMANUEL A** of second year M-Tech CSE (2023-2028), earned first place and a Cash award of 1,500rs, in the "Think Tank" competition at Genesis 1.0, a two-day symposium held in Sigma Hall on July 29-30, 2024, at Sri Sai Ram Engineering College, and sponsored by IEEE HTB. The event was organized by the IEEE HKN NU branch.



**Sivanesh K S and Surya A** of 4th year M.Tech CSE were honored to be finalists in the Ignite Incubator Program, a regional initiative by Makerghat in partnership with Stanford University and IIT Madras. Chosen from a highly competitive pool of applicants, the students received invaluable mentorship, including guidance from Mr. Aditya Vishwanath, a Stanford University graduate and CEO of Inspirit. This mentorship played a critical role in refining their product and preparing it for market entry. Additionally, they were supported in developing the 3D model of their vehicle's first version, engineered for efficient single-person

transportation.

## Enarkle 24:



On March 20th, 2024, the Institution of Engineers (India), Hosur Local Centre, in collaboration with the IEI Student's Chapter at Adhiyamaan College of Engineering, hosted Enarkle'24. The event featured the presentation of awards recognizing excellence in various categories, including Best Student, Best Faculty, and Best Undergraduate Research. The following students were honored with awards in their respective categories:

- 1.SRI DURGADEVI S
- 2.PRAJITH B
- 3.RAMANATHAN K
- 4.SHRIVANI R
- 5.SRI GANESH R
- 6.RUTHI SHANKARI S
- 7.YOGESH M
- 8.ARAVIND DAKSHAN S
- 9.SIVANESH K S

# WORKSHOP AND EVENTS OF 2023

## INNOVATIA 2.0 SYMPOSIUM

SAIRAM ENGINEERING COLLEGE  
An Autonomous Institution  
West Tambaram, Chennai - 44  
www.sairam.edu.in

DEPARTMENT OF M.TECH COMPUTER SCIENCE AND ENGINEERING  
(5 YEAR INTEGRATED)

POWERED BY **virtusa** In Association with **IEEE SMC**  
Systems, Man, and Cybernetics Society

PROUDLY PRESENTS  
**SAI INFOBLITZ 23 - SYMPOSIUM**  
**INNOVATIA 2.0**  
**22 NOVEMBER 2023**

**TECHNICAL EVENTS**

- INK AND INSIGHT
- DESIGN DERBIES
- GAME OF THREATS

**NON-TECHNICAL EVENTS**

- PIXELPERFECT
- POPTOPIA
- SUPERHERO SHIPPUDEN

Student Coordinators :  
Shrivani R - +91 7550240499  
Sriram G - +91 97901 46623

Mrs. A. Shiny  
Staff Coordinator

Dr. M. Nithya  
HOD

Dr. K. Porkumaran  
Principal / SEC

Dr. Sai Prakash LeoMuthu  
Chairman & CEO Sairam Institutions

On behalf of IEEE-System Man and Cybernetics society & in association with SAI INFO BLITZ, The Department of M.Tech CSE Organized the event TechFest 2023- INNOVATIA 2.0 in Gamma hall on 11.2023 at 9.15 a.m. with grand success. The chief guest was **Ms. MuthuLakshmi**, Entrepreneur in Residence, Product Leader, TCS has graciously consented to serve as the chief guest and Presented the inaugural address. **Dr.M.Nithya** gave the welcome address for this event. Ms. Muthu Lakshmi gave her speech on the Emerging trends in IT industry and shared more ideas regarding startups and about the incubation system in TCS. There were totally 130 attendees in this event, out of which 25 students were from various other reputed colleges. Students' best performer awards were given to the students after filing nominations. Both technical events like Design Derbies, Game of Threats, Ink and Insight and non-technical events like, Pixel perfect, Superhero Shippuden, poptopia were conducted and the student winners were provided with certificates and cash prize. With a vote of thanks, the event gathering ended at 4 pm.

## MEMORANDUM OF UNDERSTANDING (MOU)SIGNING AND WORKSHOP ON GENERATIVE AI



On November 29th, Sri Sairam Engineering College's M.Tech CSE department signed an MOU with Manickam Academy, in association with IEEE SMC, and conducted a workshop on generative AI. The event featured expert talks and hands-on sessions, enhancing participants' understanding and skills in AI and Generative Adversarial Networks (GANs).

## SPECIAL TALK – KNOW YOUR ABILITY

On 1st December 2023, a program on speak live – taking your skills to the next level was conducted and hosted by **Mrs. JAYA BABU** (Associate-leadership skills trainer, people leader, FORD IT) that focuses on helping students elevate their skills to the next level, which can lead to greater success and fulfillment in both their personal and professional lives and is exclusively for III year M.Tech CSE and Mech and Auto students.

The Keynote speaker mainly emphasizes on knowing your ability to manage your emotions, your health, your finances, your relationships, your college performance, etc. and your ability to master these things has a direct impact on how you feel about yourself, your emotional balance, your physical health and your independence.



## IGNITING ENTREPRENEURSHIP

The department of M.Tech CSE hosted a workshop named igniting entrepreneurship program on 14.12.23 at 6.30 pm through Google meet. With the esteemed presence of Chief Guest **Mr. C.S. Sai Ganesh**, a notable figure in the entrepreneurial landscape, the event promised valuable insights and practical knowledge for the attendees.



**WINNERS LIST FOR STANDARDS PRESENTATION:**

<b>S.No.</b>	<b>Student Name</b>	<b>Position</b>
1	Hasumathi Lakshmi. G (II Year) Sabari R.L. (II Year)	1st Prize
2	Harini.S (III Year) Kavya Dharshini (III Year)	2nd Prize
3	Parthiban (II Year) Devadarshan (II Year)	3rd Prize
4	Ashwin (II Year) Lakshitha (II Year)	Consolation Prize

**WINNERS LIST FOR STANDARDS WRITING COMPETITION:**

<b>S.No.</b>	<b>Student Name</b>	<b>Position</b>
1	Nivetha Bharathy (II Year)	1st Prize
2	Yuvashree R.H (II Year)	2nd Prize
3	Viknesh S.R. (II Year)	3rd Prize
4	Kamalesh Kumar Saravanan (III Year)	Consolation Prize

**WINNERS LIST FOR TECHNICAL QUIZ:**

<b>S.No.</b>	<b>Student Name</b>	<b>Position</b>
1	Surya.A (III Year)	1st Prize
2	Prasanna Kumar.L (III Year)	2nd Prize
3	Sundaram.S (III Year)	3rd Prize
4	Rakesh.R (II Year)	Consolation Prize

# SHROOMSHOP



The department of M.Tech CSE in association with IEEE Sri Sairam Engineering College Systems, Man and Cybernetics conducted a workshop named "Shroomshop- a groundbreaking seminar on mushroom cultivation using IOT and entrepreneurship opportunities". The event was conducted on 22.12.23 at Alpha Hall, Sri Sairam Engineering College. **Mr. Niranjan Kumar**, the esteemed chief Guest shared his knowledge about crafting winning proposals. The participants were enlightened about the methods to follow while writing proposals for any IEEE events.



## AWARENESS WORKSHOP ON CO PO ARTICULATION

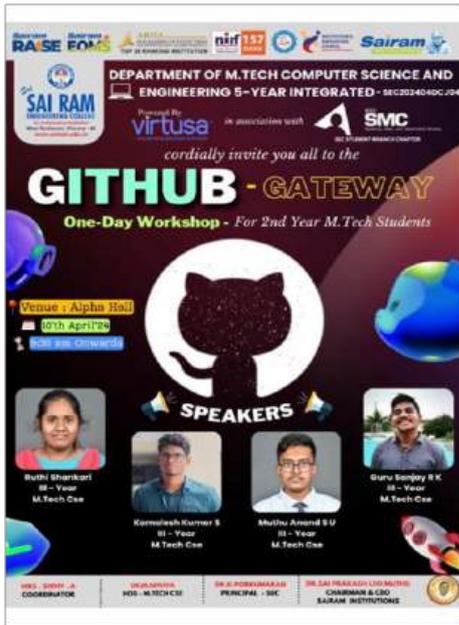
On February 7, 2024, the Department of M.Tech Computer Science and Engineering, powered by Virtusa, held a workshop on "CO PO Articulation" at the M.Tech CSE Staffroom. Led by Mr. T. Sivasakthi, the workshop aimed to enhance faculty understanding of Outcome-Based Education (OBE) and improve teaching-learning outcomes.

## BOOTCAMP ON "CYBER SECURITY"

Department of M.TECH COMPUTER SCIENCE AND ENGINEERING (5 years integrated) powered by Virtusa in association with IEEE SMC SOCIETY organizing a two-day BOOTCAMP ON "CYBER SECURITY". The workshop took place on 29.2.24 and 1.3.24 at Alpha Hall of Sri Sairam Engineering College. Mr. Shakthi Prasanna K (Cybersecurity operations) and Mr. Kapaleeswaran V (Former president cyber society of India) were the chief Guest for the two days bootcamp.



# WORKSHOP-GITHUB GATEWAY



The Department of M.Tech Computer Science and Engineering 5-Year Integrated Program, empowered by our association with virtusa and esteemed engineering society IEEE SMC conducted a workshop GitHub Gateway for second year students. This one-day workshop is a unique opportunity to navigate the vast ecosystem of GitHub. Dive into the world of version control and collaboration with insights from those who have mastered the platform. The event was conducted on 10.4.24 at Alpha hall, Sri Sairam Engineering College Featured Speakers from the Senior Cohort: **Mr. Kamallesh Kumar Saravanan**, M.Tech CSE, **Mr. Muthu Aanand SU** M.Tech CSE **Ms. RuthiShankari** M.Tech CSE, **Mr. Guru Sanjay RK** M.Tech CSE.

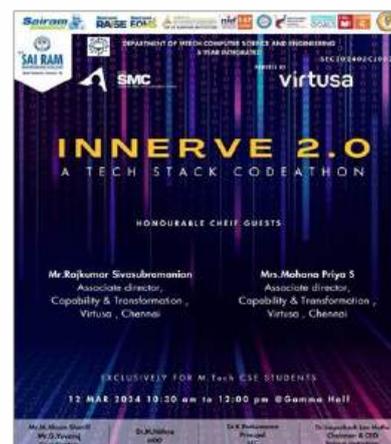
# GENERATIVE AI UNLEASHING CREATIVITY ONE DAY HANDS ON SESSION



A session on "Generative AI with Large Language Models" was held on February 22nd and 28th, 2024, during a six-day online Faculty Development and Training Program. Led by experts, it focused on understanding and applying generative AI technologies in teaching and research. The program covered advancements, methodologies, practical applications, and ethical considerations, preparing faculty to integrate AI responsibly into their academic work.

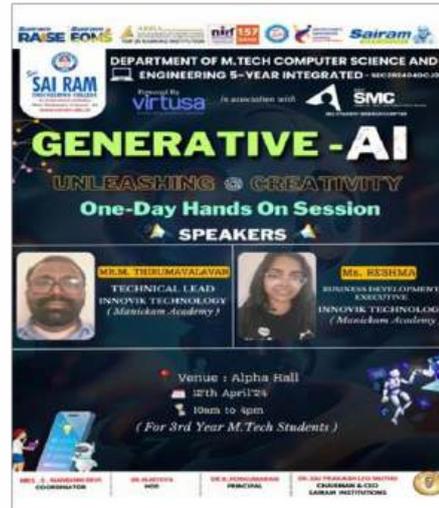
# INNERVE 2.0

Department of M.TECH-COMPUTER SCIENCE AND ENGINEERING (5 years Integrated) Powered by Virtusa Planned to organize the Codeathon – **INNERVE 2.0** exclusively for 2022-2027 Batch Students on November 02, 2023. To acquaint ourselves with the program, **Mr. Rajkumar Sivasubramanian** and **Mrs. Mohana Priya. S** will preside over the event with a doubt clearing session.



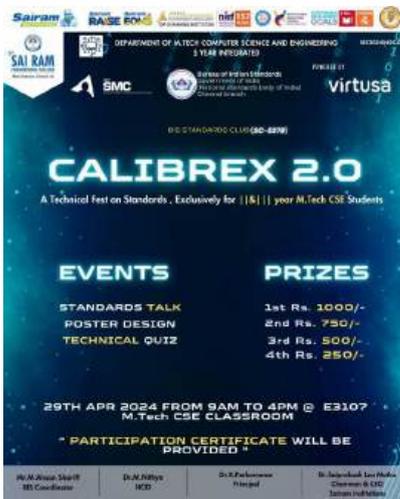
## HANDS ON WORKSHOP-GENERATIVE AI

Department of M.TECH-COMPUTER SCIENCE AND ENGINEERING (5 years integrated) powered by Virtusa organized the One Day Hands on Workshop – GENERATIVE-ARTIFICIAL INTELLIGENCE for III Year Students. The event was conducted on 12.4.24 at Alpha Hall, Sri Sairam Engineering College. The speakers of the event included **Mr. M. Thirumavalavan**, technical lead of Innovik Technologies (Manickam Academy), Chennai and Ms. Reshma Innovik Technologies (Manickam Academy), Chennai.



## CALIBREX 2.0

On April 29th, Department of M.Tech CSE in association with Bureau of Indian Standards, CNBO Organized an event “CALIBREX 2.0 2024” a Tech Fest about various events like Standards talk, Designing and Technical Quiz. The Program was organized for M.Tech CSE II-year & III year students and approximately 120 students were in attendance. This session provided participants with a comprehensive understanding about the objectives of BIS towards Quality of the product and was able to know about the real and fake products with the help of standards metrics and parameters.



## IEEE EDUCATION WEEK

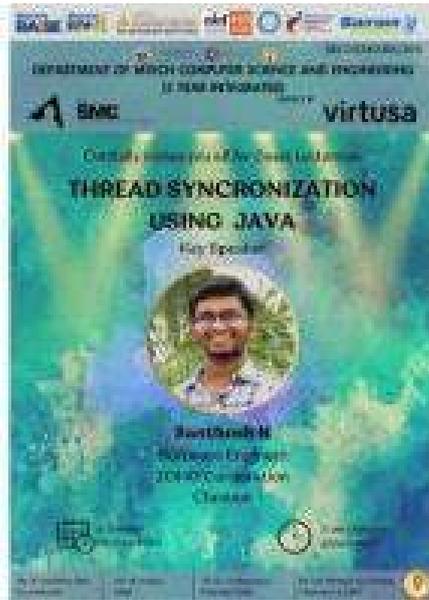
The department of M.Tech CSE in association with IEEE systems, management and cybernetics conducted an event called Connect to Innovate. The advantages of IEEE SMC membership during IEEE Education Week, presented by accomplished students within the field. This session offered a unique student-led perspective on the impactful resources, networking, and career opportunities available in AI, robotics, and systems engineering. Students explained how IEEE SMC has propelled their academic and professional journeys and discover how it can do the same for the other students.



## VELVET VISTAA STARTUP

Mr. Deva Darshan R and his colleagues Mr. Parthiban J, Ms Geetha Rashni KS, Mr Gopiram R and Mr. Dinesh Karthik from M.Tech CSE have established a startup company called Velvet Vistaa Designs pvt ltd on March 30, 2024, to provide services that include software design, UI UX design, graphic design, animation, and so on.

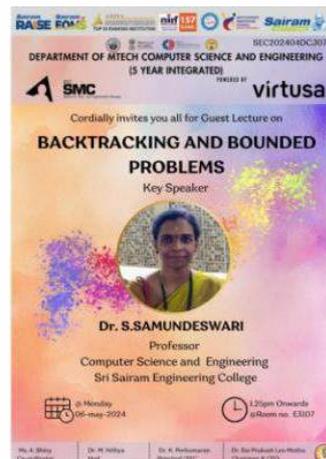
# THREAD SYNCHRONIZATION IN JAVA



On May 5, 2024, the Department of M.Tech Computer Science and Engineering (5-year integrated) in collaboration with Virtusa organized a "One Day Guest Lecture on Thread Synchronization in Java" for 2nd-year students. The session, held online via Google Meet at 11:00 am, was led by Mr. K. Santhosh, a Software Engineer at Zoho Corporation. The lecture provided an in-depth exploration of thread synchronization, covering essential concepts and practical applications in Java. Participants gained valuable insights into managing concurrency and ensuring thread safety in software development, equipping them with the skills needed to handle multi-threaded environments effectively.

## BACKTRACKING AND BOUNDED PROBLEMS

On May 6, 2024, the Department of M.Tech Computer Science and Engineering, in collaboration with Virtusa, organized a "One Day Guest Lecture on Backtracking and Bounded Problems" for 2nd-year students. Held at E3107 at 09:30 am, the session was led by Dr. S. Samundeeswar, a Professor from the Department of Computer Science and Engineering at Sri Sairam Engineering College, Chennai. The lecture covered key concepts of backtracking and solving bounded problems, providing students with practical knowledge to approach complex computational challenges.



## TRAVERSING THROUGH NLP AND AI

On May 6, 2024, the Department of M.Tech Computer Science and Engineering, in collaboration with Virtusa, organized a "One Day Guest Lecture on Traversing through NLP and AI" for 3rd-year students. Held at E3107 and online via Google Meet at 11:00 am, the session was led by Dr. K. Meenakshi, an Assistant Professor from the Department of Networking and Communication at SRM Institute of Technology, Chennai. The lecture provided a comprehensive overview of Natural Language Processing (NLP) and Artificial Intelligence (AI), exploring key techniques and applications, and equipping students with a deeper understanding of these transformative technologies.

## 2 DAYS HANDS ON SESSION ON ETHICAL HACKING

The Department of Computer Science and Engineering (5-Year Integrated) conducted a “2-Day Hands-On Session on Ethical Hacking” for 4th-year students (2021-2026 batch) on August 1st and 2nd, 2024, from 9:00 a.m. to 4:00 p.m. The event, held in association with IEEE SMC and IIC, provided participants with practical experience in ethical hacking techniques through interactive, real-world scenarios. This session offered students a valuable opportunity to enhance their cybersecurity knowledge and skills.



## TECH TALK ON “SOFTWARE TESTING”



The Department of M.Tech CSE, in association with IEEE SMC, IEI, and the Skill Development Club, organized a Tech Talk on "Software Testing" for 3rd and 4th-year M.Tech CSE students on July 5, 2024, at 10:00 am in the Hands-on Hall. The session, led by Mrs. B. Suganya, a Test Analyst from Infosys, aimed to motivate students to gain industrial knowledge in information security.

# BEST PRACTICES

## STANDUP FOR YOURSELF



Students in the M.Tech CSE department participate in a daily activity called "STAND UP FOR YOURSELF" to improve their communication skills, lessen their anxiety when speaking English, overcome stage fear, and learn more about different technical and soft skills. Every day, the children choose a topic of their own and talk about it for a minute or two.

## APTITUDE TRAINING

Students in the M.Tech CSE department conduct a daily activity called "Aptitude Training" for their own students to improve their skills on various topics to ace the various rounds conducted by the companies. In this every week three students select a topic of their own with respect to aptitude and teach concepts and solve questions through google meet to the other students. This program was instrumental in imparting the aptitude knowledge to all the students.

## SOCIAL EVENTS 2023-24

### ADUTHA ILLAKU

**Mr.Sabari RL, Mr.Raj kumar R, Mr.Rishi vel A, Mr.Aadhithya SJ and Mr.Selva vignesh SM** of Mtech CSE have got an opportunity to attend the ADUTHA ILAKKU event conducted by LMES Academy and pick my career and hiring institutions, presented by Sairam institutions at various locations inside Tamilnadu. The students traveled to various schools located in places like Thiruthuraiipoondi, Cuddalore, Villupuram, Dindigul, Madurai to demonstrate various projects related to AR and VR to school students. It was a great learning session where they got an opportunity to interact with various industrial giants including the CEO of GUVI ARUNPRAKASH. They shared their insights about the current trends in education to all the parents and students.



## AIM FOR SCIENCE



**Ms.Ruthi Shankari** of 3rd year M.Tech CSE and **Ms.Lakshitha** of 2nd year M.Tech CSE, as magic members of Atal Innovation Mission, have organized an event for IEEE Education Week titled "AIM FOR SCIENCE" for students at the Good Life Center Orphanage on April 13, 2024.

## HELPING HAND TO THE COMMUNITY:

The M.Tech CSE department, together with all of the students and teachers, came together to provide aid to those afflicted by the Michaung Cyclone. A total of Rs 10,000 was donated by the staff and students, and that fund was used to purchase sheets and towels for the affected individuals in different locations. The bedsheets were distributed among the affected by the students.



## EDUCATION EXPO 2024 AT TRADE CENTER

The students of M.Tech CSE **Mr. Rishi Vel**, **Mr. R Rajkumar**, **Mr. SJ Aadithya**, **Mr. SM SelvaVignesh** and **Mr. Sabari R L** represented our college in the EDUCATION EXPO 2024 conducted at Chennai trade centre on April 3 2024. The students presented projects based on AR and VR attendees . It was a great learning and interactive session, and they got an opportunity to connect with the industrialists, students and other people.

## ANNA UNIVERSITY INTERNATIONAL CONFERENCE 2024

The students of department of M.Tech CSE attended the **AIII 2024-ANNA UNIVERSITY INTERNATIONAL CONFERENCE 2024**, which focused on "Research Trends in AI and IoT for Infrastructure and Industry". **Mr. R L Sabari** and **Mr. R Rajkumar** along with other students gave presentations for the projects on augmented reality and virtual reality over the three-day event. The students had the chance to interact with many industrialists and present ideas to a variety of industrial professionals and students, which was an amazing experience.



## SURVEY FOR REAL TIME PROJECTS:



The students of M.Tech CSE **Mr. R. Devadarshan, Ms.KS.Geetha Rashni, Ms.S.Saranya** and **Mr.J.Parthiban** had done their social work related to their project of converting a Beggar to an Investor. They had a personal conversation and came to know about the problems they face in their lives. They had created a platform for them to overcome these problems. They are developing an app related to these people with the blockchain technology. They got an opportunity to meet people and feel their problems they undergo in day to day life.

M.Tech CSE students **SWATHIKA S, YUVASHRI A K M, and YOGITHA M** engaged in direct public interaction to gather data for their ongoing project, "**Designing an artificial intelligence based robot for clog removal.**" They went to Zone 8 in Anna Nagar, which had a sizable market and a consumer base. They gathered information about their idea and posed several questions about it. The students engaged in an interactive session where they gained knowledge about the current real-world issue that will guide their project forward.



For their real-time project named "**E-Public Distribution System,**" Muthu Aanand SU, Kamalesh Kumar Saravanan, and R K Gurusanjay of the third year M.Tech CSE conducted a survey to learn about the difficulties people have getting ration supplies and their ideas about using an online platform to solve such an issue at Nellikuppam, Chennai. They physically visited the location and gathered questionnaires about their project from a variety of people

## CULTURALS

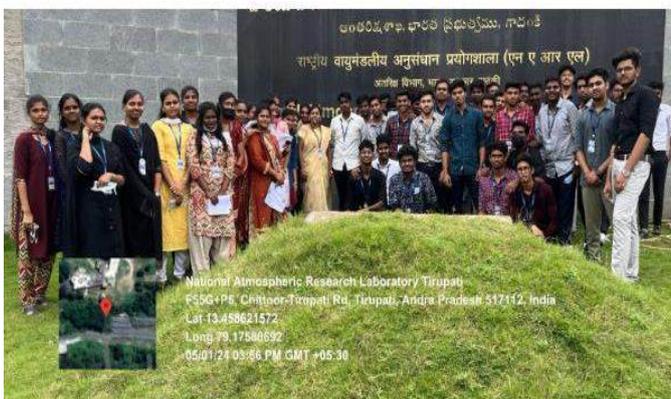
S.NO	NAME	EVENT	PRIZE
1	K S Sivanesh/ III M.TECH CSE Ganesh R/ III M.TECH CSE Abhinesh S/ III M.TECH CSE Agilan Amarnath R B/ III M.TECH CSE Karthikeyan A/ III M.TECH CSE Bino C David/ III M.TECH CSE Prasanna Kumar L/ III M.TECH CSE Sriram G/ III M.TECH CSE Sri Charith A G/ III M.TECH CSE Surya A/ III M.TECH CSE Sivanesan B/ II M.TECH CSE Abishek M/ II M.TECH CSE	DANCE	III
2	Ruthi Shankari/ III M.Tech CSE	BLOCK AND TACKLE	II
3	Devadharsan/ II M.Tech CSE Parthiban/ II M.Tech CSE Krishna Chowdhary/ II M.Tech CSE Aldous Roy/ II M.Tech CSE S R Viknesh/ II M.Tech CSE Nikesh/ II M.Tech CSE Manimaran/ II M.Tech CSE Vickna Saikumar/ II M.Tech CSE	MIME ART	II
4	Ganesh R/ III M.Tech CSE Sivaganeshan K/ III M.Tech CSE Sivanesh K S/ III M.Tech CSE Sriram G/ III M.Tech CSE Surya A/ III M.Tech CSE Kamalesh Kumar Saravanan/ III M.Tech CSE Aldous Roy / II M.Tech CSE S.R Viknesh/ II M.Tech CSE Sai Charan U/ II M.Tech CSE Harish S/ II M.Tech CSE Rakesh R/ II M.Tech CSE Manimaran A K/ II M.Tech CSE	AD-ZAP	I
5	Surya A/ III M.Tech CSE Sai Raghav S/ II M.Tech CSE Sriram G/ III M.Tech CSE Lakshmi S/ III M.Tech CSE Ashwin V/ II M.Tech CSE	GROUP SINGING	III
6	Manimaran A K/ II M.Tech CSE Harish S/ II M.Tech CSE	RJ-ING	I
7	Yogitha M/ III M.Tech CSE Swathika S/III M.Tech CSE Lakshitha B/ II M.Tech CSE Mridhula S/ II M.Tech CSE	COLLAGE MAKING	I

## SPARKLE RUNNER UP



The Department of M.Tech Computer Science and Engineering 5-Year Integrated Program emerged as the overall runner up in the Culturals "SPARKLE 2024". The students emerged as the winners and runners of various individual events like adzap, dance, mime etc which resulted in emerging as the runner up among 16 departments.

## NARL INDUSTRIAL VISIT



The Department of M.Tech in Computer Science and Engineering at Sri Sairam Engineering College recently had the opportunity to explore the National Atmospheric Research Laboratory (NARL) in Gadanki, Palaka, Andhra Pradesh. During the visit, the students received informative sessions about the diverse facilities dedicated to atmospheric research. One of the highlights of the Industrial Visit was the visit to the Atmosphere Tower, which collects data on rainfall, wind speed, wind direction, temperature, humidity, and pressure. The students also had the chance to tour the Data Center, witnessing firsthand how the collected data is stored. Additionally, they visited the High-Performance Computing Center, where atmospheric forecasting takes place. The students then visited the facility housing LIDAR sensors, where researchers study data up to the ionosphere. Throughout the 1.5 to 2-hour session, students were accompanied and guided by scientists from NARL, gaining valuable insights into the various aspects of atmospheric research and technology.



## UMAGINE TN INDUSTRIAL VISIT

The second year students experienced global technical products and technology on 23.02.24-24.02.24 in the trade-center, Chennai as an industrial visit and had a great opportunity to interact with the top industrial persons with various topics like defense security etc.

## INDUSTRIAL VISIT (ASKAN TECHNOLOGIES)



On July 6, 2024, a group of 54 students from the Department of Mtech CSE (integrated), along with two faculty members, visited Askan Technologies for an industrial visit. The purpose of this visit was to provide students with a practical understanding of industrial processes, bridge the gap between theoretical learning and real-world application, to gain insights about the company's procedures and understand the working environment. The students arrived at 11:00 AM to the company. The company's HR Mrs. Meenakshi Devi Ganesh greeted the students and gave a brief introduction about the company and its operations, highlighting the company's history, mission, vision, and achievements. It also included an overview of the service provided by them and guided the students by providing valuable insights on how to get a job, how to approach a company and so on. The students were divided into two groups and guided through different sections of the company, providing a comprehensive understanding of the various operations like the Developmental area, meeting and conference rooms, testing space and so on. An interactive session was held where the students asked their questions and discussed a lot with the students.

# NPTEL(2021 - 2026)

## BATCH 2021-26(III SEM) ACADEMIC YEAR 2022-2023

S.NO	STUDENT NAME	NPTEL COURSE	RESULT	SEM
1	ABHINESH S	JOY OF COMPUTING IN PYTHON	ELITE+ SILVER	III
2	SUNDARAM S	JOY OF COMPUTING IN PYTHON	ELITE+ SILVER	III
3	SURYA A	JOY OF COMPUTING IN PYTHON	ELITE+ SILVER	III
4	HARINI S	PROGRAMMING IN JAVA	ELITE +SILVER	III
5	RUTHI SHANKARI	PROGRAMMING IN JAVA	ELITE+ SILVER	III
6	SHRIVANI R	PROGRAMMING IN JAVA	ELITE+ SILVER	III
7	KAMALESH KUMAR SARAVANAN	PROGRAMMING IN JAVA	ELITE+ SILVER	III
8	KARTHIKEYAN A	PROGRAMMING IN JAVA	ELITE+ SILVER	III
9	MUTHU AANAND S U	PROGRAMMING IN JAVA	ELITE+ SILVER	III
10	SRI GANESH R	PROGRAMMING IN JAVA	ELITE+ SILVER	III
11	YOGESH M	PROGRAMMING IN JAVA	ELITE+ SILVER	III
12	JANAANI GOWTHAM	PROGRAMMING IN JAVA	ELITE	III
13	KAVYA DHARSHINI S	PROGRAMMING IN JAVA	ELITE	III
14	PAVITHRA R	PROGRAMMING IN JAVA	ELITE	III
15	VAISALI S	PROGRAMMING IN JAVA	ELITE	III
16	GURU SANJAY R K	PROGRAMMING IN JAVA	ELITE	III
17	MOHAMMED RIZWAN M	PROGRAMMING IN JAVA	ELITE	III
18	NISHANTH P	PROGRAMMING IN JAVA	ELITE	III
19	PRASANNA KUMAR L	PROGRAMMING IN JAVA	ELITE	III
20	RAMANATHAN K	PROGRAMMING IN JAVA	ELITE	III
21	ROSHAN R S	PROGRAMMING IN JAVA	ELITE	III
22	SRIRAM G	PROGRAMMING IN JAVA	ELITE	III
23	JAYASREE S	JOY OF COMPUTING IN PYTHON	ELITE	III
24	YOGITHA M	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
5	PREETHI S	SOFTWARE ENGINEERING	SUCCESSFULLY COMPLETED	III
6	VAISHNAVI S	SOFTWARE ENGINEERING	SUCCESSFULLY COMPLETED	III

**BATCH 2021-26 (IV SEM)**  
**ACADEMIC YEAR 2022-2023**

S.NO	Name	Subject	Certification	SEM
1	SHAHANA DEVI V	Introduction to Database Systems	Elite	IV
2	SHRIVANI R	Introduction to Database Systems	Elite	IV
3	VAISHNAVI S	Introduction to Database Systems	Elite	IV
4	MUTHU AANAND S U	Introduction to Database Systems	Elite	IV
5	ANUTHIGSHA R	Introduction to Database Systems	Successfully completed	IV
6	HARINI S	Introduction to Database Systems	Successfully completed	IV
7	JANAANI GOWTHAM	Introduction to Database Systems	Successfully completed	IV
8	JAYASREE S	Introduction to Database Systems	Successfully completed	IV
9	KAVYA DHARSHINI S	Introduction to Database Systems	Successfully completed	IV
10	KEERTHI R	Introduction to Database Systems	Successfully completed	IV
11	LAKSHMI S	Introduction to Database Systems	Successfully completed	IV
12	NIVEDITHA S	Introduction to Database Systems	Successfully completed	IV
13	PAVITHRA R	Introduction to Database Systems	Successfully completed	IV
14	PREETHI S	Introduction to Database Systems	Successfully completed	IV
15	RUTHI SHANKARI S	Introduction to Database Systems	Successfully completed	IV
16	SHAHANA DEVI V	Introduction to Database Systems	Successfully completed	IV

17	SHRIVANI R	Introduction to Database Systems	Successfully completed	IV
18	SNEHA V	Introduction to Database Systems	Successfully completed	IV
19	SRI DURGADEVI S	Introduction to Database Systems	Successfully completed	IV
20	SWATHIKA S	Introduction to Database Systems	Successfully completed	IV
21	VAISHNAVI S	Introduction to Database Systems	Successfully completed	IV
22	YOGITHA M	Introduction to Database Systems	Successfully completed	IV
23	YUVASHRI A K M	Introduction to Database Systems	Successfully completed	IV
24	ABHINESH S	Introduction to Database Systems	Successfully completed	IV
25	ARAVINDDAKSHAN S	Introduction to Database Systems	Successfully completed	IV
26	BHUVANESWARAN V	Introduction to Database Systems	Successfully completed	IV
27	SURYA A			
28	BINO C DAVID	Introduction to Database Systems	Successfully completed	IV
29	GAUTHAM MURALI	Introduction to Database Systems	Successfully completed	IV
30	GOKULASUNIL RAJ K	Introduction to Database Systems	Successfully completed	IV
31	JERRY SYLVESTER P	Introduction to Database Systems	Successfully completed	IV
32	KAMALESH KUMAR SARAVANAN	Introduction to Database Systems	Successfully completed	IV
33	KANISH K	Introduction to Database Systems	Successfully completed	IV
34	KARTHIKEYAN A	Introduction to Database Systems	Successfully completed	IV
35	MAHESHWARAN S	Introduction to Database Systems	Successfully completed	IV
36	MOHAMMED RIZWAN M	Introduction to Database Systems	Successfully completed	IV
37	MUTHU AANAND S U	Introduction to Database Systems	Successfully completed	IV

38	NISHANTH P	Introduction to Database Systems	Successfully completed	IV
39	OSHO D	Introduction to Database Systems	Successfully completed	IV
40	PRAJITH B	Introduction to Database Systems	Successfully completed	IV
41	PRASANNA KUMAR L	Introduction to Database Systems	Successfully completed	IV
42	PRAVEEN KUMAR K	Introduction to Database Systems	Successfully completed	IV
43	RAMANATHAN K	Introduction to Database Systems	Successfully completed	IV
44	RATHISH S	Introduction to Database Systems	Successfully completed	IV
45	SEETHAL KUMAAR H	Introduction to Database Systems	Successfully completed	IV
46	SIVA GANESHAN	Introduction to Database Systems	Successfully completed	IV
47	SIVANESH K S	Introduction to Database Systems	Successfully completed	IV
48	SRI GANESH R	Introduction to Database Systems	Successfully completed	IV
49	SRIRAM G	Introduction to Database Systems	Successfully completed	IV
50	SUNDARAM S	Introduction to Database Systems	Successfully completed	IV
51	SURYA A	Introduction to Database Systems	Successfully completed	IV
52	SRI GANESH R	Introduction to Database Systems	Elite	IV
53	KARTHIKEYAN A	Introduction to Database Systems	Elite	IV

**BATCH 2021-26(V SEM)**  
**ACADEMIC YEAR 2023-2024**

S.NO	NAME	COURSE REGISTERED	RESULT	SEMESTER
1	MUTHU AANAND S U	Google Cloud Computing	SILVER TOPPER	V
2	KARTHIKEYAN A	Google Cloud Computing	ELITE+SILVER	V
3	PREETHI S	Cloud Computing	ELITE+SILVER	V
4	SHRIVANI R	Google Cloud Computing	ELITE+SILVER	V
5	KAVYA DHARSHINI S	Google Cloud Computing	ELITE	V
6	MOHAMMED RIZWAN M	Google Cloud Computing	ELITE	V
7	VAISHNAVI S	Google Cloud Computing	ELITE	V
8	YOGITHA M	Google Cloud Computing	ELITE	V
9	BHUVANESWARAN V	Google Cloud Computing	ELITE	V
10	JERRY SYLVESTER P	Google Cloud Computing	ELITE	V
11	KAMALESH KUMAR SARAVANAN	Google Cloud Computing	ELITE	V
12	PRASANNA KUMAR L	Google Cloud Computing	ELITE	V
13	NIVEDITHA S	Cloud Computing	ELITE	V
14	SRI GANESH R	Google Cloud Computing	ELITE	V
15	YOGESH M	Google Cloud Computing	ELITE	V
16	RUTHI SHANKARI S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
17	JANAANI GOWTHAM	Cloud Computing	SUCCESSFULLY COMPLETED	V

18	SNEHA V	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
19	SRI DURGADEVI S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
20	SRINIDHI K	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
21	SWATHIKA S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
22	VAISHALI S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
23	JAYASREE S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
24	INDHUMATHI S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
25	YUVASHRI A K M	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
26	ABHINESH S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
27	AGILAN AMARNATH R B	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
28	ARIVU SELVAN K	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
29	BINO C DAVID	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
30	GAUTHAM MURALI	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
31	GOKULASUNIL RAJ K	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
32	GURU SANJAY R K	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
33	LAKSHMI S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
34	PAVITHRA R	Cloud Computing	SUCCESSFULLY COMPLETED	V
35	PRAISY SHERLIN HEPSIBHA G	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
36	MOHAMMED RIZWAN M	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
37	OSHO D	Google Cloud Computing	SUCCESSFULLY COMPLETED	V

38	PRAJITH B	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
39	PRAVEEN KUMAR K	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
40	RAMANATHAN K	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
41	ROSHAN R S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
42	SEETHAL KUMAAR H	Google Cloud Computing	SUCCESSFULLY COMPLETED	V
43	SUNDARAM S	Google Cloud Computing	SUCCESSFULLY COMPLETED	V

# NPTEL(2022 - 2027)

## BATCH 2022-27 (III SEM) ACADEMIC YEAR 2023-2024

S.NO	STUDENT NAME	NPTEL COURSE	RESULT	SEM
1	AADHITHYA S J	PROGRAMMING IN JAVA	ELITE+SILVER	III
2	RAKESH R	PROGRAMMING IN JAVA	ELITE	III
3	SRI GAANDHIMATHY Y	PROGRAMMING IN JAVA	ELITE	III
4	SHREYA S	PROGRAMMING IN JAVA	ELITE	III
5	SANDHIYA K	PROGRAMMING IN JAVA	ELITE	III
6	ABISHEK GHAWALKAR M	PROGRAMMING IN JAVA	ELITE	III
7	SAI CHARAN U	PROGRAMMING IN JAVA	ELITE	III
8	KOUSHIK BABU	PROGRAMMING IN JAVA	ELITE	III
9	KHUSHI MILI MISHRA	PROGRAMMING IN JAVA	ELITE	III
10	ABISHEK GHAWALKAR M	ETHICAL HACKING	ELITE	III
11	PARTHIBAN J	DESIGN THINKING-A PRIMER	ELITE	III
12	AKSHAYA K S	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
13	MRIDHULA	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
14	SARANYA S	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
15	HASUMATHI LAKSHMI G	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
16	LAKSHITHA B	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
17	VIGNESHWARAN R	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
18	AFRA MARIYAM A	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
19	SIVASAKTHI	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
20	JANANI V S	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
21	BHAVYA C	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
22	YUVASHREE R H	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
23	RAVEEN T	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
24	KRISHNA CHOWDHARY H	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
25	VETRI SELVI M	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
26	RAJ KUMAR R	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III
27	LAVANYA S	PROGRAMMING IN JAVA	SUCCESSFULLY COMPLETED	III

### SWAYAM CCE COURSE

BATCH 2022-27(III SEM)  
ACADEMIC YEAR 2023-2024

S.NO	STUDENT NAME	NPTEL COURSE	RESULT	SEM
1.	Avinash M G	PROGRAMMING IN PYTHON	84	III
2.	SANJAY S	PROGRAMMING IN PYTHON	80	III
3	SANJAY V	PROGRAMMING IN PYTHON	78	III
4	DEVAKRISHANA K	PROGRAMMING IN PYTHON	73	III
5	ASHWIN V	PROGRAMMING IN PYTHON	85	III
6	SRINIVASAN	PROGRAMMING IN PYTHON	73	III
7	YUVAN SARATHY	PROGRAMMING IN PYTHON	87	III
8	SELVA VIGNESH S M	PROGRAMMING IN PYTHON	86	III

### NPTEL FACULTY

S.NO	NAME	NPTEL COURSE	RESULT	ACADEMIC YEAR
1.	Dr.M.Nithya	Programming in Java	ELITE+SILVER	2022-2023 ODD SEM
2.	Dr.M.Nithya	Google Cloud Computing Foundations	ELITE	2023-2024 ODD SEM
3.	Mrs.A.Shiny	Google Cloud Computing Foundations	ELITE	2023-2024 ODD SEM
4.	Mr.M.AHSAN SHARIFF	Cloud Computing	ELITE	2023-2024 ODD SEM
5.	Mr.M.AHSAN SHARIFF	Research Methodology	ELITE	2023-2024 ODD SEM

### LIST OF FACULTY

S.No	Name of the Staff	Designation	Qualification	Specialization
1	Dr. M. Nithya	Associate Professor	Ph.D	Machine learning,Data Science
2	A.Shiny	Assistant Professor	M.E	cloud computing, internet of things
3	S.Nandhini Devi	Assistant Professor	M.TECH(Ph.D)	Data Science
4	M.Ahsan Shariff	Assistant Professor	M.E	Network Security and Cloud Computing
5	G.Yuvaraj	Assistant Professor	M.E	Network Security and IOT
6	LakshmiNarayanan S	Assistant Professor	M.E	Network Security and Sensor Networks
7	Lalitha A	Assistant Professor	M.TECH(Ph.D)	Software Engineering
8	kalpana D	Assistant Professor	M.E	Cloud Computing , Internet of Things
9	Saratha Devi G	Assistant Professor	M.E (Ph.D)	Wireless Networks
10	Jancy Rani K	Assistant Professor	M.E	Computer Network

## FACULTY ACHIEVEMENTS

S.No	Staff Name	Name of the FDP/STTP	Date	Conducted By	Area of specialization
1	NITHYA M	Celonis Process Mining using	31/10/2023 - 02/11/2023	ICT Academy-Sri Sairam Engineering college	Process mining
2	NITHYA M	Python for Data Science	08/01/2024 - 08/02/2024	NPTEL-AICTE-IIT MADRAS	DATA SCIENCE
3	NITHYA M	Cloud Computing	18/01/2024 - 22/04/2024	NPTEL-AICTE-IIT MADRAS	Cloud Computing
4	NITHYA M	Deep learning	18/01/2024 - 17/06/2024	NPTEL -AICTE IIT MADRAS	DATA SCIENCE
5	NITHYA M	Generative AI with large LANGUAGE	22/02/2024 - 28/02/2024	IEEE SMC,M.TECH CSE	GENERATIVE AI
6	A.SHINY	ARVR with emphasis in unreal engine	27/05/2024 - 31/05/2024	Monolith	AR VR
7	A.SHINY	Data science and data visualization	22/07/2024 - 22/07/2024	Inttrvu	Data science
8	A.SHINY	Deep Dive into Data Science & Machine	26/02/2024 - 01/03/2024	NUTAN MAHARASHTRAINS TITUTEOF ENGINEERING & TECHNOLOGY	ML
9	A.SHINY	Industrial Internet of things and connected	01/02/2024 - 06/02/2024	IEEE	IOT
10	A.SHINY	NPTEL-IOT	01/01/2024 - 30/04/2024	NPTEL	IOT
11	A.SHINY	MENTOR CERTIFICATE	22/07/2024 - 23/04/2024	NPTEL	computer Networks and Internet Protocol
12	A.SHINY	emerging technologies for next	17/07/2023 - 22/07/2023	kings engineering college	networks
13	A.SHINY	Ibm skillbuild	31/07/2023 - 04/08/2023	IBM Pals	cyber security
14	Nandhini Devi S	Fullstack technology	11/07/2023 - 15/07/2023	Kamaraj College of Engineering & Technology	Mobile application
15	M. AHSAN SHARIFF	AUGMENTED REALITY AND	12/07/2023 - 14/07/2023	Department of Information Technology, Sri Sairam Engineering College in association with Monolith Technologies and One yes Technologies	Augmented Reality and Virtual Reality
16	M. AHSAN SHARIFF	Emerging Research Trends in Engineering	04/01/2024 - 11/01/2024	Department of Computer Science and Engineering, Kings Engineering College, Chennai.	Artificial Intelligence & Machine Learning
17	M. AHSAN SHARIFF	Machine Learning for Medical Image	24/02/2024 - 24/02/2024	School of Computer Science and Engineering and Information Science, Presidency university	Artificial Intelligence and Machine Learning

S.No	Staff Name	Name of the FDP/STTP	Date	Conducted By	Area of specialization
18	M. AHSAN SHARIFF	Generative AI with LLM	22/02/2024 - 28/02/2024	M.Tech CSE Department, Sri Sairam Engineering College	Artificial Intelligence
19	M. AHSAN SHARIFF	Visual Intelligence: Exploring Image	26/03/2024 - 30/03/2024	Department of Computer Science and Engineering in association with Computer Society of India (CSI) - SB, CVR College of Engineering, Hyderabad.	Visual Intelligence
20	G YUVARAJ	"Generative AI with large Language	22/02/2024 - 28/02/2024	Sri Sai Ram Engineering College, Chennai, organized by Department of Computer Science & Engineering (5 Years Integrated)	Network security and IoT
21	G YUVARAJ	Faculty Development Workshop by IBMer	04/04/2024 - 04/04/2024	IBM	Network security and IoT
22	G YUVARAJ	Deep Dive into Data Science & Machine	26/02/2024 - 01/03/2024	NUTAN MAHARASHTRAINS TITUTEOF ENGINEERING & TECHNOLOGY	Network security and IoT
23	G YUVARAJ	Salesforce Administrator	03/07/2023 - 07/07/2023	ICTACADEMY	Network security and IoT
24	LAKSHMINAR AYAN AN S	Kubernetes Containerization	12/07/2023 - 14/07/2023	Sri Sai Ram Institute of Technology	Cloud Computing on RedHat Platform
25	LAKSHMINAR AYAN AN S	Emerging Technologies on Next	17/08/2023 - 22/08/2023	KINGS ENGINEERING COLLEGE	Networking
26	LAKSHMINAR AYAN AN S	Cloud Infrastructure(AWS)	21/08/2023 - 25/08/2023	Sri Krishna College of Engineering and Technology	Cloud Computing
27	LAKSHMINAR AYAN AN S	Webinar on JEE Framework with	29/08/2023 - 30/08/2023	Department of M.Tech CSE	Spring and Hibernate Framework
28	LAKSHMINAR AYAN AN S	Emerging Tools & Technologies in Cloud	19/07/2024 - 24/07/2024	Narasimha Reddy Engineering College	Cloud and Data Science

## BOOK PUBLICATIONS

S.No	Staff Name	Name of the Book chapter	Year	Topic
1	NITHYA M	IoT Artificial Intellig	2023	IoT Artificial Intelligence in Real World System
2	NITHYA M	Industry Applications of Thrust Manufacturing: Convergence with Real-Time Data and AI	2024	Real-Time Event Detection and Predictive Analytics Using IoT and Deep Learning
3	Nandhini Devi S	Data & Information	2023	Data & Information Security
4	NITHYA M	Prompting for Goo	2024	Prompting for Good: Working Together with Ai Language Models
5	LAKSHMINARAYANAN	Rwcwnt Trends in	2024	Rwcwnt Trends in Cloud Security

**PAPER PUBLICATION  
CONFERENCE**

S.NO	Staff Name	Name of the Journal	Type	Year	Topic
1	G YUVARAJ	Journal of Interdisciplinary Cycle Research	International	2024	Enhancing single image haze
1	NITHYA M	2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC)	International	2023	Intrusion Detection System at Node Level using Swarm Optimization Algorithm
2	M. AHSAN SHARIFF	International Conference on Electronics and Sustainable Communication Systems, ICESC 2023	International	2023	Development of Recommender Systems for Better Services and Products using Data Science
3	NITHYA M	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)	International	2024	Fuel Monitoring in Bike Vehicles Based on IoT
4	G YUVARAJ	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)	International	2024	Fuel Monitoring in Bike Vehicles Based on IoT
5	G YUVARAJ	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)	International	2024	A Novel Harris Hawk Algorithm (HHA) to Optimize Deep Autoencoder (DAE) Method of Deep Learning for Cancer Diagnosis
6	M. AHSAN SHARIFF	IEEE International Conference on Computer, Communication and Control (IC4-2024).	International	2024	Enhancing Text Input for Motor Disabilities through IOT and Machine Learning: A Focus on the Swipte-to-Type Algorithm
7	Nandhini Devi S	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	International	2023	Support Vector Machine-Based Bioinformatics in Agriculture Genomic Insights for Crop Improvement

8	Nandhini Devi S	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	International	2023	User Persona Mapping Technique for Human Interaction with Augmented and Virtual Reality Environments
9	M. AHSAN SHARIFF	IEEE International Conference on Computer, Communication and Control (IC4-2024).	International	2024	Reliable and Efficient Routing for Water Quality Monitoring in Underwater WSN
10	M. AHSAN SHARIFF	IEEE International Conference on Computer, Communication and Control (IC4-2024).	International	2024	IoT-Enabled Sleep Monitoring Wearables: Advancements in Tracking and Analysis
11	A.SHINY	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)	International	2023	Fuel Monitoring in Bike Vehicles Based on IoT
12	A.SHINY	International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023)	International	2023	User Persona Mapping Technique for Human Interaction with Augmented and Virtual Reality Environments
13	LAKSHMINARAYAN AN S	5th International Conference on Intelligent Communication Technologies and Virtual Mobile Network(ICICV 2024)	International	2024	Interactive Blood Bank Repository: Django AWS Approach
14	LAKSHMINARAYAN AN S	2024 3rd International conference on Power Electronics and IoT Applications in Renewable Energy and its Control (PARC)	International	2024	A Hybrid Strategy Integrating Ant Colony Optimization and Locust-Inspired Algorithm (HACO-LA) to Boost Efficiency and Performance in cloud Resource Management
15	LAKSHMINARAYAN AN S	2023 Intelligent Computing and Control	International	2023	Fuel Monitoring in Bike Vehicles Based on IoT

# Dr. M. Nithya

Dr. M. Nithya achieved a great milestone by sharing her research at the 4th International Conference on Electronics and Sustainable Communication Systems (ICESC) in August 2023. Her study focused on making computers more secure by using a clever method called "Swarm Optimization Algorithm" in Intrusion Detection Systems, which help detect unauthorized access. Her work was published with the link [10.1109/ICESC57686.2023.10193431](https://doi.org/10.1109/ICESC57686.2023.10193431).



Dr. M. Nithya made a contribution to the 2nd Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) conference in March 2024. Her research titled "Fuel Monitoring in Bike Vehicles Based on IoT" looked at using the Internet of Things (IoT) to keep an eye on how much fuel motorcycles have. This work is available with the DOI [10.1109/ICCEBS58601.2023.10448685](https://doi.org/10.1109/ICCEBS58601.2023.10448685).

Dr. M. Nithya's innovative work includes the development of an "Artificial Intelligence Based Smart Detection System For Rainfall Prediction Time-Series Forecasting And Modern Machine Learning Algorithms." This project, presented in September 2023, focuses on using advanced technologies like Artificial Intelligence (AI) to predict rainfall patterns. Her research is marked by the ID [202341062447](https://doi.org/10.202341062447).

In addition Dr. M. Nithya has also designed a "Medical Device for Measuring Bodily Fluid in Neonates," which was granted a Design Patent in January 2024. This device, identified by the patent number 406168-001, addresses a critical need in neonatal care by providing a specialized tool for measuring bodily fluids in newborns.

Dr. M. Nithya was the Reviewer at the International Conference on Cognitive Computing and Artificial Intelligence (ICCCAI-2024) organized by Sathyabama Institute of Science and Technology with Taylors University, Malaysia. She also received the best faculty advisor award for her contribution and active involvement in promoting the student activities at ENARKLE'24 at Adhiyaman college of engineering, Hosur. From March 7th to 8th, 2024, she helped review the research presented at the conference. Her job was to carefully look at the work submitted and decide which ones were good enough to be part of the conference.

Dr. M. Nithya authored a book chapter titled "Real-Time Event Detection and Predictive Analytics Using IoT and Deep Learning," published by IGI Global Publishing in March 2024. This chapter, part of the book "Tomorrow's Research Today," explores the cutting-edge technologies of Internet of Things (IoT) and Deep Learning for real-time event detection and predictive analytics. The chapter, identified with the ISBN [9798369342763](https://doi.org/10.4018/9798369342763), showcases Dr. Nithya's expertise in these advanced fields, providing insights into how these technologies can be harnessed for more efficient and accurate predictions.

Dr. M. Nithya wrote two books to share her knowledge with the world. In September 2023, she published "IoT Artificial Intelligence in Real World Systems" with Scientific International Publishing House. This book, with the ISBN [978-93-5757-508-9](https://doi.org/10.4018/978-93-5757-508-9), talks about how Artificial Intelligence (AI) can be used in everyday things like the Internet of Things (IoT), making them work better.

Then, in March 2024, she wrote "Prompting for Good: Working Together with AI Language Models" with LAP LAMBERT Academic Publishing. This book, with the ISBN [978-620-7-47014-3](https://doi.org/10.4018/978-620-7-47014-3), is about how we can team up with AI language models to do good things. Dr. Nithya's books show how AI can be helpful in real life and how we can work together with AI for positive outcomes.

# INTERNSHIP 2022-27 BATCH

S.NO	NAME	COMPANY	DURATION
1	AADHITHYA SJ	SAIRAM TECHNO INCUBATOR	20 Days
2	SELVA VIGNESH SM	SAIRAM TECHNO INCUBATOR	20 Days
3	SAI RAGHAV	SAIRAM TECHNO INCUBATOR	20 Days
4	AADHITHYA SJ	SAIRAM TECHNO INCUBATOR	15 Days
5	SELVA VIGNESH SM	SAIRAM TECHNO INCUBATOR	15 Days
6	SABARI RL	SAIRAM TECHNO INCUBATOR	15 Days
7	Lakshitha B	Bharat intern	30 days
8	Harish S	Bharath intern	15 days
9	S.Tharani	Bharat Intern	30 days
10	HARISH S	Bharath intern	30 days
11	MANIMARAN A K	BHARAT INTERN	30 days
12	Kirithika S	Bharat Intern	30 Days
13	Vigneshwaran R	Bharat intern	30 Days
14	YUVASHREE R H	Bharat intern	30 Days
15	Akshaya KS	Bharat Intern	30 Days
16	Sri Gaandhimathy Y	BHARAT INTERN	30 Days
17	JANANI.VS	bharat intern	30 Days
18	SANDHIYA K	Prodigy infotech	30 days
19	JANANI.VS	Vectra Technosoft pvt l	45 days
20	Lakshitha B	Prodigy infotech	30 days
21	G Hasumathi Lakshmi	Prodigy InfoTech	30 Days
22	Sai Charan U	Evolve Robot Lab	15 days
23	S.R.VIKNESH	EVOLVE ROBOT LAB	15 days
24	RAVEEN T	EVOLVE ROBOT LAB	15 DAYS
25	Sai Charan U	Evolve Robot Lab	15 days
26	Vigneshwaran R	Evolve robot labs	15 days
27	S.R.VIKNESH	EVOLVE ROBOT LAB	15 days

28	RAMKUMAR M	Evolve robot lab	15 days
29	Vigneshwaran R	Evolve robot lab	15 days
30	G HASUMATHI LAKSHMI	8 QUEENS SOFTWARE TECHNOLOGIES	15 DAYS
31	ABHIENAYA SRI S	Adventure technology solutions pvt ltd	15 days
32	Afra mariyam .A	Adventure technology solutions pvt ltd	15 days
33	Sanjay.v	Adventure technology solutions pvt ltd	15 days
34	RAKESH R	Osprey Logistics Private Limited	21 Days
35	Sri Gaandhimathy Y	Inspire Network Technology Solutions Pvt Ltd.	20 days
36	Sivasakthi.A	Skill instill technologies	20 days
37	Sai Charan U	Prodigy Infotech	30 Days
38	Rakesh R	Ocean Generation Shipping Pvt Ltd	31 Days
39	Kirithika S	Lluminant Works & Solutions	30 Days
40	GOPIRAM R	NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPALLI	4 weeks
41	Nivetha bharathy N	bharat intern	30 Days
42	Ashwin V	Daimler India	30 Days
43	M Abishek Ghawalkar	BIGSIBUCKS INNOVATION PRIVATE LIMITED	30 days
44	Khushi Mili Mishra	Thozhil	1 month

## EDITORIAL TEAM



**Dr. M. Nithya**  
Head of Department



**Ms. A. Shiny**  
Assistant Professor



**JERRY SYLVESTER**  
IV - Year



**G Hasumathi Lakshmi**  
III - Year



**Aldous Royi**  
III - Year



**Khushi Mili Mishra**  
III - Year



**Koushik Babu M**  
III - Year



**B Lakshitha**  
III - Year



**R L Sabari**  
III - Year

# 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



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...*

*Sai Prakash Leo Muthu*

Chairman & CEO - Sairam Institutions



Sri  
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ENGINEERING COLLEGE

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and NIRF ranked institution

Campus:

[www.sairam.edu.in](http://www.sairam.edu.in)

Administrative Office:

[www.sairamgroup.in](http://www.sairamgroup.in)



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PURPOSE