DEPARTMENT OF M.TECH COMPUTER SCIENCE AND ENGINEERING

5 year Integrated (Powered by Virtusa)

PULSEE

Program for Understanding, Learning, Service, Education and Excellence

Newsletter 2022

Vol.-I, Issue - 1

Sri
SAI RAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by **NBA** and **NAAC "A+"** | An **ISO** 9001:2015 Certified and MHRD **NIRF** ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in

Sairam **RAISE** | Sairam **EOMS** | Sairam **SDG ACTION PROGRAM**

ARIIA
ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS
EXCELLENT BAND

nirf
RANKING
INSTITUTIONS

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Welcome to Sairam

Educating for Growth – Preparing for Achievement

Sri Sai Ram Engineering College was established on a beautiful campus of 200 acres, 15 km from Meenambakkam, the International Airport, Chennai. The Institution is the dream of its Founder Chairman MJF. Ln. Leo Muthu, realized with the blessings of Shirdi Sai Baba. Started in the year 1995 with three core branches and it has grown to nine branches with a total student capacity of around 5000. Today, Sri Sai Ram Engineering College is a leading institution offering various undergraduate and Post graduate courses in Engineering & Technology. The Institution is approved by All India Council for Technical Education (AICTE) and recognized by the Government of Tamil Nadu. Initially, the institution was affiliated to the Madras University. Presently, it is a constituent of Anna University.

Sri Sai Ram Engineering College has developed into a reputed Engineering Institution with NAAC Accredited with 'A+' Grade and ISO 9001:2015 certifications, and this year, all our eligible Engineering Courses got accredited by the National Board of Accreditation.

The dedication and commitment with which the students and staff members are working together as a team over the past twenty one years have paid rich dividends and made this institution to reach as the most preferred institution amongst the student community. The students of this institution have been consistently securing top ranks in the Anna University and are placed in reputed national and global organizations.

At Sairam, we are taking special care to value based education. In fact, every individual needs to make a useful contribution in his/her chosen career, in building up the society. Our aim is to help the student community to build up a professional career while doing the course by carrying out innovative and socially relevant projects.

A team of dedicated and highly experienced faculty members are contributing by doing their best to provide the highest quality of education to make time here rewarding and enriching. Team Spirit is our priority to create high quality team building environment that includes spacious class-rooms, well-equipped laboratories, state-of-the-art computing facilities, a rich and diverse knowledge resource centre, first class sporting facilities, cultural activities, accommodation, on-campus recruitments and many more.

At Sai Ram, quality education is more than a philosophy, it is the essence of its existence.

Under-Graduate Courses Offered:

B.E.	Civil Engineering
B.E.	Computer Science and Engineering
B.E.	Electrical and Electronics Engineering
B.E.	Electronics and Communication Engineering
B.E.	Electronics & Instrumentation Engineering
B.E.	Instrumentation and Control Engineering
B.E.	Mechanical Engineering
B.E.	Mechanical & Automation Engineering
B.E.	Production Engineering
B.E.	Artificial Intelligence & Machine Learning
B.E.	Computer Science and Engineering (Internet of Things)
B.Tech	Artificial Intelligence & Data Science
B.Tech.	Information Technology
B.Tech.	Computer Science & Business Systems
M. Tech.	Computer Science & Engineering (5 years Integrated Course)

Post-Graduate Courses Offered:

M.E.	CAD / CAM
M.E.	Embedded System Technologies
M.E.	Communication Systems
M.E.	Power Electronics and Drives
M.E.	Computer Science and Engineering
M.E.	Computer Science and Engineering – with specialization in Networking
M.B.A.	Master of Business Administration

MJF.LN. LEO MUTHU
Founder Chairman - Sairam Institutions

Education is the manifestation of the perfection already in man

முயன்றால் முடியாதது
எதுவும் இல்லை.
அன்புடன்...
லியோமுத்து

MJF. Ln. Leo Muthu
FOUNDER CHAIRMAN - SAIRAM INSTITUTIONS

VISION & MISSION

VISION OF THE DEPARTMENT

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 OF THE DEPARTMENT

Department of M.Tech Computer Science and Engineering, Sri Sai Ram Engineering College is committed toPrepare the mechanical and automation engineering graduates, for a successful career in engineering and technology through effective teaching-learning.

- 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 skills.

PROGRAMME EDUCATIONAL OUTCOMES (PEO)

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.

PROGRAMME SPECIFIC OUTCOMES (PSO)

Computer Science and Engineering graduates will be able to:

PSO 1: 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.

PSO 2: 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.

CHAIRMAN & CEO'S MESSAGE

"Making a start is fundamental to moving forward!"

I'd like to convey my appreciation to the Department of M.Tech Integrated Computer Science and Engineering for starting "PULSEE" (Program for Understanding, Leadership, Service, Education and Excellence) , their first departmental magazine, on their own initiative. The fourth industrialization is causing enormous technological change in almost every aspect of engineering, but it is vital to provide all aspiring engineers with access to cutting-edge technology, research, and start-up opportunities. Together let's create the next generation of engineers - who aren't just engineering graduates but engineers who are drivers of change. I heard that the journal's objective is to effectively communicate the various chances, tools, and vital discoveries that may be helpful in the discipline of computer science and engineering. The future demands smarter, more sustainable, resilient and innovative solutions, and a new generation of talent to deliver them.

I wish them all the success for this initiative of theirs to bring the various skills of students to the limelight

Dr. Sai Prakash LeoMuthu
Chairman & CEO

PRINCIPAL'S MESSAGE

I am greatly delighted to see that the Department of M.Tech Computer Science and Engineering has come up with a magazine titled "PULSEE" (Program for Understanding, Leadership, Service, Education and Excellence). Education is the embodiment of love and my most treasured possession. It drives away oblivion and through illumination, emboldens a man to righteous thought and action. Furthermore, it energizes society and enables a man to earn his living with respect and praise. The three principles ' Knowledge, Skill, and Attitude ' strengthen the quality benevolence of the students. I wish that these scholars could achieve tremendously in the mere future. I am confident that this publication will serve as a source of inspiration for the teachers as well as the students to contribute articles regularly to the magazine in future.

I whole-heartedly congratulate the convener and the committee members for successfully publishing the first edition with a wealth of content to spark learners' interest and encourage them to seek subsequent editions

Dr. K. Porkumaran
Principal

DEAN'S MESSAGE

Education is a potent tool that helps a person handle life's challenges and get past social stigmas. It enables someone to travel the world using their knowledge. It is the main factor that gives someone the ability to overcome obstacles. It gives immense pleasure and delightment that The Department of M.Tech Computer Science Engineering has made sincere efforts to provide a designated space where faculty and students can contribute their inventions and triumphs in the form of a magazine. The "PULSEE" (Program for Understanding, Leadership, Service, Education and Excellence) programme was developed to encourage young people to improve themselves and achieve more. I hope reading this would inspire you to work harder and achieve more. I'd like to sincerely applaud the team for successfully releasing the first edition of "THE PULSEE" with plenty of information to entice the learners and look forward to the upcoming editions.

I wish you unmatched success and happiness in everything you choose to do!. Best wishes for your future endeavors.

Dr. A. Rajendra Prasad
Dean (Student Affairs)

DEAN'S MESSAGE

Success is the act or circumstance of fulfilling a specific set of demands.

I am really happy and proud that the department of M.Tech Computer Science Engineering has made their earnest efforts to create a forum wherein the faculty and students share their thoughts, skills, and information in the form of a magazine and quench the thirst of the technical community.This academic year's inaugural issue of the department of M.Tech Computer Science and Engineering's technical magazine, PULSEE (Program for Understanding, Learning, Service, Education and Excellence), is being released.

I'm really happy to hear it .Young people working together with technology and unleashing their creativity and ideas would undoubtedly help the country to accomplish its objective of being a superpower in the near future.

Best wishes and congratulations to the entire publication team on this new chapter and the endless road that lies ahead!

Prof. Dr. J.Raja
Dean (Academics)

DEAN'S MESSAGE

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

It gives me great pleasure to contribute to this amazing magazine "PULSEE" (Program for Understanding, Learning, Service, Education and Excellence) as a way of showing my thanks for the M.Tech Computer Science and Engineering Department's admirable work during its successful launch. This adds creativity and diversity to the classroom, which enables us to give students interesting educational experiences. Along with it, Students get the chance to showcase their abilities and develop their creative potential through this publication. The efforts taken to bring about innovative content is appreciable. I have no doubt that the information available in the magazine will anticipate future demands and assist decision-makers in incorporating creative suggestions for the advancement of our nation.

I send my warmest wishes for the college magazine's successful release. Wish you all a grand operation throughout the year.

Dr C.R. Rene Robin
Dean (Innovation)

DEAN'S MESSAGE

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.

Dr. L. Arunachalam
Dean (Placements)

DEAN'S MESSAGE

Education is meant for not only learning new but also for developing yourself to become a better version of yourself.

It gives me a great sense of joy and satisfaction that the Department of M.Tech Computer science and Engineering has made earnest efforts to establish an open platform for the students and faculty to contribute their knowledge, and skills in the form of a magazine and slake the hunger of the world of computers. The "PULSE"(Program for Understanding, Leadership, Service, Education and Excellence) is evolved as a platform to showcase the achievements of students and faculties. Students are exposed to a various technologies that enables them to identify their field of interest and motivate them to learn about those. Additionally, through this publication, students have the opportunity to showcase their skills and maximise their creative potential. The efforts made to create original content are commendable.

Wishing you success in everything you pursue! All the best for all your future endeavours. I hope your efforts always yield the best outcomes for you. Way to go towards a bright future!

Dr. T. Sheela
Dean (Networking)

DEAN'S MESSAGE

I would like to express my sincere appreciation to everyone who has made noteworthy contributions to the department of MTech Computer Science and Engineering's magazine, "PULSEE" (Program for Understanding, Learning, Service, Education and Excellence). As technology increasingly takes over knowledge based work, education must keep abreast with the ever changing world. Curriculum must be constantly redesigned to be consistent with its purpose of supporting its students' personal and professional development. Education's overall goal is to instil in students humanistic virtues like wisdom, compassion, courage, humility, honesty, and dependability rather than just transmit bookish knowledge. Our goal is to mix modern infrastructure with a high-quality education that is recognised worldwide.The most significant benefit from this amazing endeavour is that it helps aspiring engineers develop their varied technical and analytical skill. I wish them the best of luck in putting out more publications like this in the future.

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.

Dr. B. Latha
Dean (Skill Development)

HOD'S MESSAGE

I am gratified to know that the department of M.Tech Computer Science and Engineering is bringing out the first edition of their technical magazine " PULSEE " (Program for Understanding, Learning, Service, Education and Excellence) for this academic year (2021-2022). 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.

Dr. M. Nithya
Professor & Head
Department of M.Tech Computer Science and Engineering

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 2021-2022, 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.

VIRTUSA

Successfully signed MOU between MTech CSE Sri Sairam Engineering College and Virtusa for academics and industry collaboration on 21st March 2022. This proud initiative was felicitated by our honorable CEO Shri Sai Prakash along with the Virtusa dignitaries Mr.Raghuveer Subodha -Sr Vice president & Global Head Emerging Technologies, Mr.Narayanan S- Vice President & Technology Head, Ms. Mohanapriya S - Associate Director, Capability & transformation Team, Mr.Krithivasan S- Team Graduate Talent Program(Global University Strategy & Relationship) & Ms.Geetanjali S-Team Graduate Talent Program benefiting the department students with advanced industry based learning, so they can transition into potential candidates with desired skills as expected by industry world.

Orientation on "ROADMAP FOR ENABLING INDUSTRY READINESS" - 07.07.2022

I'm pleased to share my experience at the "ROADMAP FOR ENABLING INDUSTRY READINESS" orientation session offered by Mr. Rajkumar Sivasubramanian (Associate Director, Capability & Transformation Team) and Ms. Arati Kumari (Executive-HR) from VIRTUSA, Chennai. We were given a fantastic presentation on how to get to the point of being able to meet industry standards. We were taught about the importance of topics like Full Stack Development and programming languages like JAVA, as well as their commercial applications. We learnt about the firm by taking a mentimeter quiz, which was a lot of fun. The duo led the session in the most interactive and enjoyable manner imaginable, and they were really educated and motivated us to learn more.

INNERVE - a Tech-stack Code-athon was conducted by the Virtusa team

In collaboration with Virtusa, The Department of M.Tech CSE hosted a full stack development codeathon for M.Tech CSE students. The problem statements were provided by the Virtusa team, and the students were divided into five teams of twelve students each.

In the form of a presentation, the teams are required to examine the problem statements and provide use cases and technologies that will be employed for the project. Before the deadline, students were required to produce a functioning web application.

The first review meeting was held two days after the problem statements were provided by the Virtusa team, which included Mr.Rajkumar Sivasubramanian (Associate Director, Capability & Transformation Team) and Ms.Mohana Priya (Associate Director, Capability &

lung problem. He motivated the students by citing, " You're not a student, You're a scholar. " Finally, he encouraged the students to explore unexplored areas. Eventually, We had our Guest of Honor Mr.Srinath Swaminathan who has more than 13 years of Industrial

Transformation Team). They conducted the meeting and went over the use-case diagrams for the website that the students would build during the codeathon. They provided us various technology stack alternatives for constructing the website. Students expressed their concerns, and they offered a clear, comprehensible response. Students were encouraged to continually learn and engage with one another in order to foster collaboration and work partnerships. After all, the session was really enlightening, and students were eager to get started on the website's implementation

INAUGURATION OF SAI INFO-BLITZ

The Inaugural Function was led by Dr.M.Nithya, Head of the Department, M.tech CSE who greeted the gathering and hosted the inaugural function enthusiastically.

The upstanding principal of Sri Sairam Engineering College, Dr.K Porkumaran felicitated the SAI INFOBLITZ association and illuminated the students through his enlightening speech. He described the three principles 'Knowledge, Skill, Attitude' which would strengthen the quality benevolence of the students. He shared his experience about the 'Naturally Inspiring Algorithms' such as the 'Fishing Algorithm' which he had used in the

Experience and currently working as a Devops Senior Manager, Natwest Group (Bank). He threw his energetic and power-packed discourse to the gathering. He inspired the students by citing, " Knowledge grows when it is shared." He remembered his nostalgic memories with the students. His session on the topic 'Identity and Information security management' was very informative and enlightening. He explained the basic concepts of cybersecurity and "jargons" that one should be aware of. He also explained the flaws present in the existing systems and how we must oversee them. Subsequently, Our Honorable Principal announced the Office Bearers of the Association SAI INFO-BLITZ,

Chairman: Shrivani R | Vice-chairman: Sriram G
Secretary: Sivanesh K S & Prajith B
Vice-secretary: Sri Durgadevi S & Niveditha S
Treasurers: Sundaram S & Sri Charith A G

FACULTY ACHIEVEMENTS:

- Dr M Nithya, HoD received the 50 tops performing and most popular mentors for students in ATL Tinkerpreneur 2022.
- Dr M Nithya, HoD received the best project supervisor award by Sri Sairam Engineering College on 5.9.2022
- Dr M Nithya, HoD acted as the Reviewer for various international conferences.

S.NO	NAME OF THE FACULTY	PROGRAM TYPE (FDP/STTP/SEMINAR/WORSHOP)	DATE (DD/MM/YY)
1	Dr. M. Nithya	5-Day FDP on Faculty Development Workshop on Data Science and Machine Learning using Python, organised by Meerut Institute of Technology	04.07.2022]
2	Dr. M. Nithya	ISTE,CSI sponsored virtual FDP on "Insights and open challenges in Computing Technologies", organised by Department of Computer Science and Engineering, Sri Sairam Engineering College	11.07.2022
3	Dr. M. Nithya	FDP on "Foundations of Data Science", organised by VNR Vignana Jyothi Institute of Engineering and Technology	02.08.2022 to 07.08.2022
4	Dr. M. Nithya	Workshop (Train the trainer) on Full Stack Engineering, organised by VIRTUSA	JUNE-JULY 2022
5	Dr. M. Nithya	FDP on Data Science Tools, organised by SRM,Eswari Engineering College	07.10.2022-20.10.2022
6	E. Sathiya Lakshmi	FDP on Insights and open challenges in Computing Technologies, organised by Department of Computer Science and Engineering, Sri Sairam Engineering College	11.07.2022 to 15.07.2022
7	E. Sathiya Lakshmi	FDP on "Inculcating Universal Human Values in Technical Education",organised by AICTE	11.07.2022 to 15.07.2022
8	E. Sathiya Lakshmi	"Data Science and Machine Learning using Python", organised by Meerut Institute of Technology	4.07.2022 to 8.07.2022
9	E. Sathiya Lakshmi	FDP on ISTE Sponsored Short Term Training Programme on Deep Learning Tools and its Applications,organised by Deparment of CSBS and Engineering,Sri Sairam Engineering College	25.07.2022 to 29.07.2022
10	E. Sathiya Lakshmi	Course on Python 101 for Data Science by IBM	14.7.2022
11	E. Sathiya Lakshmi	FDP on "Foundations of Data Science", organised by VNR Vignana Jyothi Institute of Engineering and Technology	02.08.2022 to 07.08.2022

FACULTY ACHIEVEMENTS:

S.NO	NAME OF THE FACULTY	PROGRAM TYPE (FDP/STTP/SEMINAR/WORSHOP)	DATE (DD/MM/YY)
12	E. Sathiya Lakshmi	One Week FDP on "Ethical Hacking" ,organised by VNR Vignana Jyothi Institute of Engineering and Technology	8.08.2022 to 13.08.2022
13	E. Sathiya Lakshmi	FDP on "Advanced Techniques in Computing Sciences and Applications, organised by Saveetha College of Liberal Arts and Sciences. SIMATS	19.11.2022 to 23.11.2022
14	S.Nandhini Devi	FDP on Insights and open challenges in Computing Technologies, organised by Department of Computer Science and Engineering, Sri Sairam Engineering College	11.07.2022 to 15.07.2022
15	S.Nandhini Devi	FDP on "Foundations of Data Science", organised by VNR Vignana Jyothi Institute of Engineering and Technology	02.08.2022 to 07.08.2022
16	S.Nandhini Devi	FDP on Data science and Machine Learning using Python, organized by Meerut Institute of Technology	4.07.2022 to 8.07.2022
17	S.Nandhini Devi	Webinar on Industrial Application on Machine learning & challenges, organized by Government Engineering College , Rajkot	30.07.2022
18	Shiny. A	FDP on Insights and open challenges in Computing Technologies, organised by Department of Computer Science and Engineering, Sri Sairam Engineering College	11.07.2022
19	Shiny. A	Webinar on Industrial Application on Machine learning & challenges, organized by Government Engineering College , Rajkot	30.07.2022
20	Shiny. A	FDP on "Foundations of Data Science", organised by VNR Vignana Jyothi Institute of Engineering and Technology	02.08.2022 to 07.08.2022
21	Shiny. A	Course on Python on data science by IBM	17.7.22
22	Shiny. A	FDP on "Inculcating Universal Human Values in Technical Education", organised by AICTE	19.9.22 to 23.10.22
23	Shiny. A	Course on Software Engineering by NPTEL	

STUDENT ACHIEVEMENTS:

SHAHANA DEVI V ,NITHIKA C D ,KEERTHI R , SIVANESH K S Won First prize for the project titled "Three Pillars of Social" under SDG number-16 in Sairam SDG IDEATHON 2.0

The National Service Scheme, in association with the English Literary Club and SSEC IEEE Professional Communication Society SBC, conducted an essay competition. M.tech CSE Department student SIVANESH K S , won the third prize, receiving a cash award .

Sri Sairam College of Engineering and Ministry of Culture, IGCAR, Ariviyal Sangam, Vigyana Bharathi(VIBHA) jointly organized an Essay Writing Competition on Sep 23, 2022, in which our college students SIVANESH K S from M.Tech CSE won the Competition.He got a opportunity to participate in the International Conference on SIR C.V.RAMAN, State level Quiz Competition at DAE Township, Kalpakkam, and an Industrial visit to MAPS(Madras Atomic Power Station) - IGCAR(Indira Gandhi Centre For Atomic Research) on November 5 and 6.He also received the felicitation Certificate and a momento representing the Institution.

The Department of Physical Education organized SEETHARAMAN AND LAKSHMIAMMAL MEMORIAL TROPHY, An State Level Inter Engineering Tournament on 29.09.2022 & 30.09.2022. M.tech CSE Department student KANISH K won 4th place in the Badminton-Men event. He was awarded with a cash prize and a felicitation certificate.

The Department of Computer Science and Engineering in association with Skillkora Labs conducted a SKILLFEST'22 - An Ideathon and a 24-hr Hackathon Event. The students of the department of M.Tech CSE SIVANESH K S, SHRIVANI R, and SHAHANA DEVI V as team-TECHVERSE won 5th place in the Ideathon event. These students were offered a 4-week

intern with Skillkora Labs and a 50% fee waiver for AI/ML Course.

IEEE student branch conducted an event of BID and BUZZ in the IEEE Day 2022 Carnival on 11th October 2022. Our department students JAYASHREE S and JANANI GOWTHAM as a team won first place receiving a cash award and felicitation certificate.

Sri Sai Ram Institute of Technology, Department of Computer Science and Engineering conducted a national level symposium - NUTPAM 22.

Our students Muthu Aanand SU and Kamalesh Kumar Saravanan of 2nd year M.Tech CSE won 2nd place in the web development contest Calypso's Sculpt and were awarded a merit certificate along with a cash prize.

Anna University Zone Tournaments 2022-23 was held at Sri Sairam Engineering College in which students of several institutions took part in various events.Our Department student KANISH K won 2nd place in the Badminton-Men event which was held on 16.11.2022 & 17.11.2022. He was awarded a prestigious trophy and a felicitation certificate.

The UBA - Unnat Bharat Abhiyan of the Sairam institution celebrated the UBA Day'22 AGNII on 18/11/2022.Our students Yogitha M, Swathika S and Yuvashri A K M of M.Tech CSE department participated in the event NIRMANI (MODEL PRESENTATION) as a team and won the 2nd prize in that Event. They were awarded with the merit certificate and cash prize of rupees 1000/-

Jeppiaar Institute of Technology, Department of Computer Science and Engineering organized TECHISETZ'22 on 26th November 2022. Our Department student SURYA A has secured 2nd place in both Individual Technical events CODEBOT and DEBUGGING receiving a cash award and felicitation certificate. He has also secured 2nd place in a non-technical team event BIOSCOPE receiving a gorgeous momento and a felicitation certificate.

Sairam Institute of Technology, Department of Computer Science and Engineering organized symposium on 8th November 2022.Our department Students KAMALESH KUMAR SARAVANAN and MUTHU AANAND S U participated in the event "NUTPAM 2022" as a team and won 2nd place in Calypso Sculpt-A Web Development contest. They were awarded with merit certificate and cash prize of rupees 750/-

SSN COLLEGE OF ENGINEERING and SHIV NADAR UNIVERSITY, CHENNAI organised INVENTE'22 - A National Level Technical Fest On 3RD and 4TH of NOVEMBER 2022. This Technical Festival comprises 64 technical, 14 non-technical events, and 3 major workshops on state-of-the-art domains. Students from the department of SM.Tech CSE participated actively and won the competition. Our 2nd year department students YOGITHA M, SWATHIKA S, YUVASHRI A K M as a team has placed 2nd in the Paper Presentation Event.

Vellore Institute of Technology, Vellore organized VIT MATHFEST 2022-A National Mathematics Day on December 22, 2022.The Students Yogitha M, Swathika S and Yuvashri A K M of department of M.Tech CSE department participated in the event paper presentation as a team and won 2nd place with certificate .

TALENTS IN OTHER FIELDS:

YOGITHA M

MUTHU AANAND SU

IEEE

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: Muthu Aanand
Vice-chairman: Vaishnavi
Secretary: Pavithra
Webmasters: Ruthi Shankari & Guru Sanjay
Treasurers: Agilan Amarnath & Roshan

IEEE - EVENTS ORGANIZED

SNO	DATE	TITLE	GUEST OF HONOURS
1	11.02.2022	Inauguration of IEEE System, Man & Cybernetics Society	Dr. LjiljanaTrajkovic, Ph.D., P.Eng., FIEEE, 2021 - 2023 EiC, IEEE Transactions on Human-Machine Systems,Professor, School of Engineering Science, Simon Fraser University, Canada
2	13.04.2022	Tag 404-Fundamentals of Web Development	1. Aniruddhan.SCTO,Bigus'12 Technologies,IIYear,CSE 2. Annamalai.MTrainer,Bigus'12 Technologies,IIIYear,CSE 3. Avinash.M HR Manager,Bigus'12 Technologies,IIIYear,CSE
3	06.06.2022 and 07.06.2022	**IEEE System, Man & Cybernetics Society has organized the event "ALGORITHM BOOT CAMP"**	Dr.M.Nithya,Mrs.Shiny
4	07.07.2022	one day Orientation on Roadmap to Industry Readiness	1.Mr.RajkumarSubramaniyam, Associate Director, Capability & Transformation Team, VIRTUSA, Chennai. 2. Ms. Aarthi Kumari Executive HR,VIRTUSA,Chennai.
5	26.09.2022	SIH Awareness	Dr.S.Samundeswari/CSE & Team , Dr.G.Puthilibai& Team
6	31.10.22	Skillrack Awareness	DeepaknarayanV,JalakandeswaranM,Deepak Rishi (III-CSE-B-Sec)
7	31.10.22	Alumni Talk on How to Strive Engineering	Mr.VigneshVarun,Cognizant Technology Solutions,Pvt Ltd.,

SDG
Sustainable Development Goals

Our virtuous Chairman and CEO of Sairam Institutions, SaiPrakash LeoMuthu, have constantly encouraged the students to adopt the SDGs in all activities. His power-packed discourse has never failed to enlighten us. His agendas and endeavours to move the SDGs forward were simply astounding.

As a first step to developing the SDGs, the students of the department of M.Tech CSE along with the UBA(Unnat Bharat Abhiyan) Members of the department of M.Tech CSE have initiated this program. Using Plastics affects SDG Goal Numbers 3, 6 , 11, and 13.

SDG no 3: Good health and well being

SDG 6: CLEAN WATER AND SANITATION

SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

SDG 13: CLIMATE ACTION

Preventing plastic in the environment avoids health risks most efficiently. The absolute reduction of plastic is very important in today's environment.

The students of the Department of M.Tech CSE took the pledge stating all 17 Sustainable Development Goals. These Sustainable Development Goals continuously seek to achieve social and economic progress in ways

STAND UP FOR YOURSELF

The department of M.Tech Computer Science and Engineering took an initiative called " STAND UP FOR YOURSELF " to master the communication skills of the students. Communication is fundamental to the existence and survival of humans as well as to an organization. Effective communication skills can smooth your way of life. Students are given a topic each day based on their desired interests. They make an address in front of their other pals. The student's communication abilities have advanced because of this

BUSINESS PLANS

The students from the department of MBA conducted a seminar on November 22.They provided a thorough analysis of use cases. We learned the procedures for creating and marketing a product. They gave us some advice on starting a business and gave some tips on

STUDENT ACHIEVEMENTS

SNO	NAME	EVENT	DATE	PLACE	PRIZE
1.	SIVANESH K S	International Conference on SIR C V RAMAN, Industrial visit - MAPS - IGCAR, State level quiz programme	05/11/2022 & 06/11/2022	DAE Township, Anupuram, Kalpakkam, Chengalpattu	Participation
2.	Kamalesh Kumar Saravanan	Code War	08-10-2022	Jeppiaar Institute of Technology	1st Place
3.	Kamalesh Kumar Saravanan	Calypso's Sculpt	08-11-2022	Sri Sairam Institute Of Technology	2nd Place
4.	Kamalesh Kumar Saravanan	Code D Buggy	08-11-2022	Sri Sairam Institute Of Technology	Participation
5.	V. Shahana Devi	SKILLSFEST 22	09-10-2022	Sri Sairam Engineering college	5th place with offer letter
6.	Shrivani R	SKILLSFEST 22	09-11-2022	Sri Sairam Engineering college	5th place with offer letter
7.	Sivanesh K S	SKILLSFEST 22	09-12-2022	Sri Sairam Engineering college	5th place with offer letter
8.	Ruthi Shankari S	INVENTE 22	1/12/2022	SSN College of Engineering	Participation
9.	SWATHIKA S	INVENTE 22	1/12/2022	SSN College of Engineering	2nd prize with cash prize 1000
10.	YOGITHA M	INVENTE 22	1/12/2022	SSN College of Engineering	2nd prize with cash prize 1000
11.	YUVASHRI A K M	INVENTE 22	1/12/2022	SSN College of Engineering	2nd prize with cash prize 1000
12.	YOGITHA M	Artzilla	10-10-2022	Sri Sairam Engineering college	Third prize
13.	ABHINESH S	Skills 'N' Thrills (Picsque)	10/10/2022 & 11/10/2022	Sri Sairam Engineering College	2nd Prize with cash award
14.	Janaani Gowtham	IEEE Day 2022 Carnival (Bid and Buzz)	11-10-2022	Sri Sai Ram Engineering College	Certificate and Cash Prize
15.	Jayasree S	IEEE Day 2022 Carnival(Bid and Buzz)	11.10.2022	Sri Sairam Engineering college	Certificate and Cash Prize
16.	V.Shahana Devi	Sairam SDG Ideathon 2.0	12/05/ 2022	Sri Sairam Engineering college	1st prize
17.	Keerthi R	Sairam SDG Ideathon2.0	12/05/2022 & 13/052022	Sri Sairam Engineering college	1st prize cash award of rs1000.
18.	Sivanesh K S	Sairam sdgideathon 2.0	13/05/2022	Sri Sairam Engineering College	1st place with cash prize 1000rs
19.	SIVANESH K S	UBA DAY	18/11/2022	Sri Sairam Engineering College	Campus Ambassador
20.	Swathika	Nirmani UBA	18/11/2022	Sri Sai Ram Engineering College	2nd Place
21.	YOGITHA M	Nirmani UBA	18/11/2022	Sri Sai Ram Engineering College	2nd Place
22.	Ruthi Shankari S	Jarvis	23/05/2022	Chennai Institute Of Technology	3rd Price with Anime Posters
23.	Ruthi Shankari S	Jarvis	23/05/2022	Chennai Institute Of Technology	Participation
24.	SIVANESH K S	Essay writing competition nyarivialsangam	23/09/2022	Sri Sairam Engineering College	3rd place
25.	Yogesh M	Canfig	24/05/2022	Sri Sairam Engineering college	Third prize
26.	Kamalesh Kumar Saravanan	XR Future of Metaverse Workshop	27/09/2022	Sri Sairam Engineering College	Participation
27.	Muthu Aanand SU	Calypso Sculpt	08/11/2022	Sri Sairam Institute of Technology	2nd place

Workshop on GIT AND GITHUB

On December 3, 2022, fourth-year students Santhosh K and Yogeshwaran Srinivasan from the department of computer science led a hands-on training session titled "Git Bit." Git is a distributed version control system that is free and open source built to handle small to very large projects quickly and effectively. GitHub is a platform for hosting code for version control and collaboration that enables remote teamwork. The "GitBit" lesson gave the students new knowledge and ways for improving their work, encouraging them to think creatively. The students gained knowledge of how to create projects using HTML, CSS, and GitHub necessities like repositories, branches, commits, and pull requests from this session, and they also got insightful responses to many of their questions.

Industrial Visit To IIT Research Park

Department of M.TECH-COMPUTER SCIENCE AND ENGINEERING 5 years integrated(powered by Virtusa) took the 2nd year students of our department to IIT MADRAS RESEARCH PARK as an industrial visit to explore the current projects developed by them, which is either successfully running in the market or to be launched in the market. Students gained knowledge

about various techniques and technologies.
Students were taught about how an idea could be implemented and developed into a real-time product. They also conducted an interactive session for clearing the doubts of the students which was of utmost benefit. On the whole, this Industrial visit was more productive and entertaining. It made students think beyond.

Sri Sai Ram College of Engineering organized an industrial visit on 25th November 2022 to IITM Research Park located in Tharamani, Chennai for the was organized by the HOD of the Department of M.Tech Computer Science and Engineering Prof.M.Nithya (PhD-CSE). Prof . Nandhini Devi(M.E-CSE) was the Faculty coordinator for the industrial visit. We reached the Destination around 2. pm by our college bus. Totally 44 students along with a faculty coordinator were there on the journey.

An incubation center is a place where start-ups and other small businesses can receive support and resources to help them grow and develop. Incubation centers often offer a range of services, including business coaching, access to funding, networking opportunities, and shared workspace. After arriving at the destination, the 44 students were split into two groups so that we could move around in small clusters. First, we saw a workshop with an assembly line for rechargeable iron lithium ions for cars. Next, we saw the medical aspects and advancements in technology, including items like mobile ICU units and more recent Forus health products. In addition, we saw vehicles for the disabled and received a briefing on metaverse modeling. Finally, a question-and-answer session with the GUVI was held, during which the students were helped and their doubts about various topics were

cleared. In the IIT Incubation Center, we learned about the many sorts of startup companies and had the chance to research them.

We thank all of our professors for planning such a useful program for us because it will help us strengthen our practical abilities.

In the IIT Incubation Center, we learned about the many sorts of startup companies and had the chance to research them.We hope to be given more opportunities in the future to tour other enterprises and have beautiful and educational experiences.

ARTICLES
Machine Learning

Machine learning is a type of artificial intelligence that enables computers to learn and make decisions without explicit programming. It involves training a model using a large dataset and then using that model to make predictions or decisions. A Machine Learning system learns from historical data, builds the prediction models, and whenever it receives new data, predicts the output for it. The accuracy of predicted output depends upon the amount of data, as the huge amount of data helps to build a better model which predicts the output more accurately.

Imagine that we have a difficult problem that requires certain predictions. Instead of creating code for it, we can just input the data to generic algorithms, and the machine would develop the logic according to the data and forecast the result. When a machine learning system gets new data, it forecasts the outcome using the prediction models it has built from prior data. The quantity of data used determines how well the output is anticipated, as a larger data set makes it easier to create a model that predicts the outcome more precisely.

Machine learning's future scope is anticipated to be quite vast, as it has the potential to transform numerous areas and businesses. Machine learning technologies are being employed in a variety of applications, and their use is projected to develop and expand in the next few years.

Healthcare, transportation, finance, manufacturing, and retail are some of the industries that employ machine learning.

Machine learning algorithms used in self-driving cars may be trained to detect and identify things in their surroundings, such as people, other vehicles, traffic lights, and road signs. They can also be trained to anticipate the actions of other road users, such as people crossing the street or automobiles changing lanes.

- YOGESH M , M tech CSE II year

Cloud Computing

IT infrastructure is now a utility thanks to cloud computing, which enables you to use computing resources online without having to install and maintain them locally.

The term "cloud computing" describes the process of remotely altering, configuring, and accessing hardware and software resources. It provides an application, infrastructure, and online data storage. As there is no requirement for the software to be locally installed on the PC, it provides platform freedom. Thus,

cloud computing is enabling the mobility and collaboration of our commercial applications.

The on-site data center can be replaced with cloud

computing. With an on-premises data center, we have to take care of everything, including ordering and installing hardware, implementing virtualization, setting up the operating system and any other necessary programs, establishing the network, setting up the firewall, and setting up data storage. We are now in charge of sustaining it for the duration of its existence after completing all the setups.
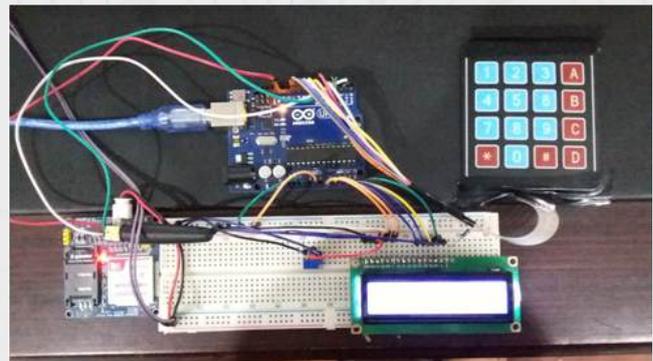
A very well new development in the IT industry is cloud computing. This technology is expanding the possibilities for careers. In addition, it aids users in managing their internet data. All computer and internet services can now be pooled together directly through servers connected to clouds. Cloud computing customers don't require any gear or software. You can pursue a profession in big data or data analytics using cloud computing. The primary functions of big data in businesses are data protection and analysis. Future business forecasting will also make use of big data and data analytics.

Spending on the cloud is expanding in scope. According to technology analyst IDC, cloud infrastructure investment will have increased 8.3% from 2020 to $71.8 billion for the entire year of 2021, while non-cloud infrastructure is predicted to have expanded just 1.9% to $58.4 billion. Over the 2020–2025 decade, the analyst anticipates that spending on computing and storage cloud infrastructure will expand at a compound annual growth rate of 12.4%, reaching $118.8 billion in 2025 and making up 67.0% of all expenditures on computing and storage infrastructure. Contrastingly, spending on non-cloud infrastructure will remain largely stable and reach $58.6 billion in 2025.

- SHAHANA DEVI V ,M.Tech CSE II year

Internet of Things (IOT)

Over the past few years, IoT has become one of the most important technologies of the 21st century. Now that we can connect everyday objects, kitchen appliances, cars, thermostats, and baby monitors—to the internet via embedded devices, seamless communication is possible between people, processes, and things. Using low-cost computing, the cloud, big data, analytics, and mobile technologies, physical things can share and collect data with minimal human intervention. In this hyperconnected world, digital systems can record, monitor, and adjust each interaction between connected things. The physical world meets the digital world—and they cooperate. The Internet of Things (IoT) is an emerging paradigm that enables the communication between electronic devices and sensors through the internet to facilitate our lives. IoT uses smart devices and the internet to provide innovative solutions to various challenges and issues related to various business, governmental, and public/private industries across the world.

IoT developers and researchers are actively involved to uplift the lifestyle of the disabled and senior age group people. IoT has shown a drastic performance in this area and has provided a new direction for the normal life of such people. As these devices and equipment

are very cost-effective in terms of development cost and easily available within a normal price range, hence most people are availing of them. IoT Intelligent Applications are prebuilt software-as-a-service (SaaS) applications that can analyze and present captured IoT sensor data to business users via dashboards. We have a full set of IoT Intelligent Applications.

IoT applications use machine learning algorithms to analyze massive amounts of connected sensor data in the cloud. Using real-time IoT dashboards and alerts, you gain visibility into key performance indicators, statistics for mean time between failures, and other information. Machine learning–based algorithms can identify equipment anomalies and send alerts to users and even trigger automated fixes or proactive counter measures.

- Ruthi Shankari S M.Tech II yearCSE

Artificial Intelligence

- The term Artificial intelligence (AI) broadly refers to applications of technology to perform tasks that resemble human cognitive function and is generally defined as "The capability of a machine to imitate intelligent human behavior."
- AI typically involves "The theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages."
- John McCarthy, one of the founders of AI research, "once defined the field as getting a computer to do things which, when done by people, are said to involve intelligence."

- Artificial intelligence is a constellation of many different technologies working together to enable machines to sense, comprehend, act, and learn with human-like levels of intelligence. Maybe that's why it seems as though everyone's definition of artificial intelligence is different:AI isn't just one thing.
- Artificial neural networks and deep learning artificial intelligence technologies are quickly evolving, primarily because AI processes large amounts of data much faster and makes predictions more accurately than humanly possible.
- It is currently used in speech recognition,customer service ,computer vision and automated stock trading.

- AbhineshS M.Tech II yearCSE

Cyber Security

One of the most interesting topics on the internet now is cyber security. The rise of the new era filled with technology to assist the needs of humans has increased the number of possibilities of evolution to the best future. At the same time, it has also increased the possibilities of exploitation of wrong works.

Given the rapidly evolving technological landscape and the fact that the adoption of software is ever-increasing across various sectors including finance, government, military, retail, hospitals, education, and energy to name a few, more and more information is becoming digital and accessible through wireless and wired digital communication networks and across the omnipresent internet. All this highly sensitive information is of great value to criminals and evil-

doers which is why it is important to protect it using strong cyber security measures and processes.

Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at assessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes. Cyber security can be described as the collective methods, technologies, and processes to help protect the confidentiality, integrity, and availability of computer systems, networks, and data, against cyber-attacks or unauthorized access. The main purpose of cyber security is to protect all organizational assets from both external and internal threats as well as disruptions caused due to natural disasters.

As organizational assets are made up of multiple disparate systems, an effective and efficient cyber security posture requires coordinated efforts across all its information systems. Therefore, cyber security is made up of the following sub-domains

Implementing effective cybersecurity measures is particularly challenging today because there are more devices than people, and attackers are becoming more innovative.

The global cyber threat continues to evolve at a rapid pace, with a rising number of data breaches each year. A report by RiskBased Security revealed that a shocking 7.9 billion records have been exposed by data breaches in the first nine months of 2019 alone. This figure is more than double (112%) the number of records exposed in the same period in 2018.

With the scale of the cyber threat set to continue to rise, the International Data Corporation predicts that worldwide spending on cyber-security solutions will reach a massive $133.7 billion by 2022. Governments across the globe have responded to the rising cyber threat with guidance to help organizations implement effective cyber-security practices

- Ruthi Sankari S M.Tech II yearCSE

Metaverse

The metaverse is a vision of what the populace in the computer industry believes is the next iteration of the internet: a single, shared, immersive, persistent, 3D virtual space where humans experience life in ways they could not in the physical world. It is facilitated by the use of virtual reality (VR) and augmented reality (AR) headsets. In colloquial usage, "metaverse" is a network of 3D virtual worlds focused on social connection. The metaverse is a dynamic, open and interoperable space, much like the internet but in 3D.Two technologies considered important to the development and growth of the metaverse are Virtual reality and Augmented reality.

Virtual reality is a simulated 3D environment that enables users to interact with virtual surroundings in a way that approximates reality as perceived through our senses. This approximation of reality is now typically accessed through a VR headset that takes over a user's field of vision. Haptics, including gloves, vests and even full-body tracking suits, enable more lifelike interaction with the virtual environment.

Augmented reality is less immersive than VR. It adds digital overlays on top of the real world via a lens of some type. Users can still interact with their real-world environment. The game Pokémon Go is an early example of AR. Google Glass and heads-up displays in car windshields are well-known consumer AR products. The metaverse will be driven by augmented reality, with each user controlling a character or avatar Some of the technologies that provide access to this virtual world, such as virtual reality (VR) headsets and augmented reality (AR) glasses, are evolving quickly. AR/VR jobs are witnessing significant growth year over

year and the market demands are thirsty for talent that has experience in developing, designing, and researching these immersive technologies. To successfully conquer the challenges involved with building out AR and VR technologies while keeping up with market expectations, companies consider partnering with experienced workers who can provide end-to-end product development with comprehensive engineering capabilities.

Metaverse allows people to visit places virtually where they can't go physically. A metaverse is a boon tool for healthcare professionals and medical staff who were previously unable to visit patients due to geographical limitations. In the virtual world of the Metaverse, they can interact with the patient and have clear insight into their health condition. This technology also benefits individuals with disabilities and promotes engineering and designing solutions with maximum accessibility.

- Harini S M.Tech II yearCSE

Data Science

The study of gathering, analyzing, and interpreting vast amounts of data falls under the umbrella of the interdisciplinary area of data science. Today, data has emerged as the most valuable resource, and as more data is produced, the demand for data scientists and analysts has also increased. Engineers, software developers, and data scientists are increasingly concentrated in India. The way big organizations make decisions is changing as a result of data science, a relatively new profession. Data science, in contrast to many traditional disciplines, examines how data may

be gathered and processed to advance business models. Although the sector is still young, it has already gained traction, and it is anticipated that by 2022, there will be over one million different employment related to the field alone.

Data science has penetrated a wide range of industries. A fantastic example of an area where data science may be applied is military intelligence. Data can be gathered and analyzed by a team of analysts to learn more about the military prowess or strategic actions of an adversary. The ideal plan of action for both offensive and defense can then be developed using this data. Data science offers insights into what may have initially caused a symptom that was not visible to the naked eye, which is useful for doctors who are using contemporary diagnostic technologies to make diagnoses and treatment decisions.

Benefits of Data Science over time:

1. Data science helps businesses cut expenses by employing less expensive and more affordable sources of data that may be gathered through a range of various mediums, such as social media channels and search engines.

2. By giving teams that require customer information, data science contributes to the creation of a consistent customer experience.

3. Data science enables businesses to enhance customer service by giving customer support professionals pertinent information about the consumer, such as purchase history and social media connections. As a result, customers who interact with customer service agents frequently receive better service as a result of this.

STUDENTS FEEDBACK

Ms. Ruthi Shankari

M.Tech CSE department faculties and all our handling staff are very encouraging and motivated us to take part in various competitions and have made us bring laurels to our college. The Department of M.Tech-CSE has many achievements and will strive to be the best as always! The HOD is very supportive and helpful. We have the best placements and all the placement coordinators and the placement Dean is very easy to reach out to and meet for clarifications and getting support.

Ms. ShahanaDevi V

The faculties of Our department are student-friendly and we are very comfortable sharing our needs and our problems with them, they do not leave any stone unturned to help us out with everything from our projects to studies and without their motivation and inspiration nothing is possible.

Ms. Sri Durga Devi

In our department students are awarded responsibilities to build their leadership skills and every student is encouraged/motivated to speak on any topic for 2 minutes which helps us a lot in developing our communicative skills which is a major requirement for today's market . This skill helps us a lot in our project presentations, most importantly , when we go to other institutions where our department students have won prizes for their presentations too.

Mr. Sivanesh K S

In our department we focus on full-stack development, students are split into different teams to learn different technologies for the industry, and based on our interests we have teams for web development, and data science, since every student is split according to his choice everyone here learns at least one technique new every day and learn to learn through cooperation and collaboration.

Mr. Guru Sanjay R K

Our campus is very nature friendly. In the morning hours when we enter our college,we experience the pleasant and serene feeling which keeps our energy rejuvenated and we never feel tired . We are kept joyful and our spirits are held high through the cute and lovable pets. They relax our mind whenever we get stressed out and we are all set to accomplish our academic tasks once again. Our college has very good sports facilities to train our physique too as sports too is an integral part for today's students. As a famous saying goes "A SOUND MIND RESIDES IN A SOUND BODY", So if any student likes to play, he is most welcome to stay back and refresh himself by playing any sport on campus. Which is highly appreciable.

PARENT MENTORSHIP

The Department of MTech CSE organized a Parent Mentorship Program for the students. Mrs. R Kavitha Krishnaveni, TGT English, the parent of our student R K GURU SANJAY, spoke to the students about the significance of communication in English. She provided the students with insights on how the English language helps them in their presentations and, most importantly, in their interviews. She also gave the students examples from her own life to

X364+3CV MECHANICAL WORKSHOP, SRI SAIRAM ENGINEERING COLLEGE, College Rd, Sai Leo Nagar, Sirukalathur, Tamil Nadu 602109, India

PARENTS FEEDBACK

Dr. C. Saravanan
Father of Kamalesh Kumar
Prof. at NIT Durgapur West Bengal

The infrastructure and facilities needed are present. Modern equipment was used to set up technical laboratories. Good indoor stadiums and auditoriums. When it comes to academics, this college takes extra care by hiring lecturers of the highest caliber and most extensive expertise. Here, for practical expertise, were excellent laboratories and skilled professionals. I'm extremely delighted to see the way of approach of the department's activities for the improvement of the students. I'm happy to see my son engage himself in different types of departmental activities and I'm happy to see him grow

Mrs. S. UmaThangam
Mother of Ruthi Shankari
Teacher at St. Johns Public School

I'm proud of the fact that my child is a part of the M.Tech-CSE Department. I am seeing her go out of his comfort zone and work with things he has never explored before. I thank the department staff who help her in every possible way and I would congratulate the department for its success till now.

Mrs. R. Kavitha Krishnaveni
Mother of Guru Sanjay
TGT English, KendriyaVidayalaya A.F.S Avadi

In the department of M.Tech-CSE unlike other institutions the faculties are very much friendly towards students as well as their parents, knowing that what my son is doing inside college keeps us less worried and seeing how they encourage other skills rather than just technical knowledge is very much appreciable am very happy to see my son in this department

EDITORIAL TEAM

Dr. M. Nithya, HOD

Ms. Sathiya Lakshmi E

STUDENT CO-ORDINATORS

RUTHI SHANKARI S

SHAHANA DEVI V

SRI DURGA DEVI S

YOGESH M

ABINESH S

GURU SANJAY R K

SIVANESH K S

HARINI S

KAVYA DHARSHINI

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MJF.LN. LEO MUTHU
Founder Chairman - Sairam Institutions