



# SITAMS

## NEWSLETTER



Volume: XXVII Issue: 1 January 2025 – June 2025



Year of Establishment-1998



**Sreenivasa Institute of Technology and Management Studies  
(Autonomous)**

Approved by AICTE, New Delhi, Affiliated to JNTUA, Anantapuramu,  
Accredited by NBA (ECE, CSE, EEE, and MCA)

Dr. D.K. Audikesavulu Marg, Murukambattu Post, Chittoor – 517 127

## Chairman's Message

The service of the institution in creating personally mature, professionally equipped and service-oriented graduates is really worth mentioning. We strongly believe in academic excellence and do not compromise on teaching standards or discipline. To meet pace with fast emerging technologies and rapidly changing world around, we try to nurture attitude of a leader and a lifelong learner among our students. Teachers are trained not only to teach well but are also expected to inspire confidence and trust in their students and become role models. Further, SITAMS inculcates in the students a respect for tradition and ensure discipline and good manners. We are confident that this SITAMS (A) is the best place for you young children. We look forward to your continuous support.



**Sri. K. Ranganatham,  
Chairman**

## Secretary's Message



**Sri D. K. Badri Narayana,  
Secretary**

We started our college with the vision of providing quality education to rural and urban youths. Our college owns world-class infrastructure and facilities includes state-of-art laboratories for Academics and Research, carrier development, placement cell and library. SITAMS known for its qualified and well experienced faculty members. At SITAMS, we provide a conducive environment for young engineers where they can be creative, learn to solve problems and express themselves. I am sure that we will achieve our mission with the cooperation and team work of every member of SITAMS.

## Principal's Message

SITAMS is committed to achieve excellence in technical, management, pharmacy education & research and assesses the success and leadership of its programs using the highest standards of quality, innovation, and visibility. Our goal is to be the most preferred choice of students, faculty & industries and to be in the top in every discipline of engineering, management, and pharmacy. Our aim is to achieve global leadership in human development & excellence in education. Our objectives of imparting professional education, combined with fostering innovative thinking, application of knowledge, inculcating professional ethics and consciousness to social responsibilities, are being met at SITAMS (A) in an integrated form.



**Dr. N. Venkatachalapathi  
Principal**

## Dean's Message



**Dr. M. Saravanan  
Dean Academics**

Our students have always set high benchmarks, competing with students all around the globe. In line with institute's vision and mission, we aim at providing excellent academic ambiance, student centric teaching-learning process, state-of-the-art infrastructure, highly qualified and experienced faculties and an overall dynamic and disciplined workplace. I feel privileged to invite students seeking quality engineering education, academicians, recruiters and industry professionals to experience the vibrancy with the budding technocrats of future, at SITAMS.

# Our Team



**Late. Dr. D. K. Aduikesavulu Naidu**  
**Founder Chairman**

**Mr. K. Ranganatham, Chairman**  
**Sri D. K. Badri Narayan, Secretary**  
**Dr. D. A. Kalpaja, Managing Trustee**  
**Mrs. D.A. Thejeswari,**  
**Management Member,**  
**Sri D.A. Srinivas, Management Member,**  
**Dr. K. L. Narayana, Academic Advisor**  
**Dr. N. Venkatachalapathi, Principal**  
**Dr. M. Saravanan, Dean Academics**  
**Prof. Sambasiva Rao Nandam, Dean R&D**  
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**Dr. R. Karunia Krishna Priya, HOD-CSE**  
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**Dr. Sudheer P, HOD-EEE**  
**Dr. Sathish Kumar N, HOD-ME**  
**Mrs. K. Sumalatha, HOD-CE**  
**Dr. Balakrishna U, HOD-H&S**  
**Dr. Vijaya Kumar S, HOD-CSE(AIML)**  
**Prof. Palanivel M E, HOD-CSE(AI)**  
**Mr.Srinivasan A, HOD-CSE(DS),**  
**Dr.Jyoshna C, HOD-MBA**  
**Dr.R Saraswathi, HOD-MCA**  
**Dr. Uma Maheswari H, Women Empowerment Cell**  
**Coordinator**  
**Dr. Yoga Prasad K, NSS Coordinator**  
**Mr. Y. Ravi kiran Varma, Placements Cell Coordinator**  
**Dr. S. Sugumaran, IIC Coordinator**  
**Dr. Sudarsan K, EDC Coordinator**  
**Mr. Sheik Mohammad J, Alumni Association Coordinator**



**Late. Smt. D. A. Sathyaprabha**  
**Chairperson**

## **Chief Editor:**

**Dr. Munipraveena Rela,**  
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**Mr. V. Ajay, Asst. Professor, CSE(AI)**  
**Mr. D. Gowtham, Asst. Professor, CSE(AIML)**  
**Mr. P. Sai Kiran, Asst. Professor, CSE(DS)**  
**Mr. Y. Ravi kiran Varma, Asst. Professor, ECE**  
**Mr. S. Dinesh, Asst. Professor, EEE**  
**Mr. A. S. Praveen, Asst. Professor, ME**  
**Mr. K. Prudvi, Asst. Professor, CE**  
**Dr. M. Dhamodhara Naidu, Assoc. Professor, H&S**  
**Ms. P. Akshada, Asst. Professor, MBA**  
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**B S Arshiya, III CSE**  
**P S Jyoshna Sai, IV CSE**  
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**Ms. K.Kusuma, II MCA**  
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**Ms. S. Chandana, III CAI**  
**Mr. N. Mohan Reddy, IV CAI**  
**Mr. Thejo Murthy, II Mech**  
**Mr. K.M.Mohammad Yousuf, III Mech**

## College Mission

- IM1:** Provide congenial academic ambience with state-of-art resources for learning and research.
- IM2:** Ignite the students to acquire self-reliance in the latest technologies.
- IM3:** Unleash and encourage the innate potential and creativity of students.
- IM4:** Inculcate confidence to face and experience new challenges.
- IM5:** Foster enterprising spirit among students.
- IM6:** Work collaboratively with Technical Institutes / Universities / Industries of National, International repute.

## College Vision

To emerge as a Center of Excellence for Learning and Research in the domains of Engineering, Computing and Management.

## College Quality Policy

Sreenivasa Institute of Technology and Management Studies strives to establish a system of quality assurance to continuously address, monitor and evaluate the quality of education offered to students, thus promoting effective teaching processes for the benefit of students and making the college a Centre of Excellence for Engineering and Technological studies.



# Women Empowerment Cell

## Sankranti Sambaralu – 2025

The Women Empowerment Cell of Sreenivasa Institute of Technology and Management Studies (Autonomous), Chittoor, organized Sankranti Sambaralu – 2025 on January 9, 2025, at 11:00 AM in the Sathya Kesav Gallery. The event aimed to celebrate the harvest festival of Sankranti while fostering cultural values and women empowerment among students and faculty. The Chief Guest of the celebration was Smt. M. S. Bharathi, Secretary-cum-Senior Civil Judge, District Legal Services Authority, Chittoor. The program commenced with the lighting of the lamp and a prayer song, followed by a welcome address. The dignitaries then addressed the gathering, highlighting the importance of cultural celebrations and the significance of Sankranti in promoting unity and prosperity. The event also featured prize distribution for various academic and extracurricular achievements, followed by a series of cultural performances by students showcasing traditional music, dance, and festive spirit. The celebration concluded with a vote of thanks, expressing gratitude to the management, staff, and students for their active participation. The program was coordinated by Dr. H. Umamahesvari, Professor, S&H. The event successfully blended cultural enthusiasm with institutional values, leaving participants with fond memories of togetherness and festive joy.



## **Out Reach Programme – Awareness on Children Safety**

A self-defense training programme was conducted at the Zilla Parishad (ZP) School, Dodipalli, Chittoor ,on 6-3-2025 with the primary objective of empowering girl students with the skills and confidence necessary to protect themselves in adverse situations. This initiative was organized as part of the school's commitment to the safety, security, and overall development of its female students. III B.Tech students , Dr.H.Umamaheswari, Professor, Mr.C.Poornachandra, Asst. Professor gave awareness on self defense.

1. Introduction to the importance of self-defense and awareness techniques.
2. Basic physical exercises and warm-ups.
3. Demonstration and practice of blocking, punching, and escaping techniques.
4. Role-playing scenarios to simulate real-life situations.
5. Interactive session with female police officers on safety laws and helpline numbers.

The self-defense programme at ZP School was a successful and impactful initiative. It not only taught essential life skills to the girl students but also promoted a sense of empowerment and independence. The school administration aims to conduct such programmes regularly with enhanced modules to ensure the safety and holistic development of every girl student.



# International Women's Day – 2K25 Celebration

The Sreenivasa Institute of Technology and Management Studies (Autonomous), Chittoor, celebrated International Women's Day – 2K25 with great enthusiasm and spirit on 8th March 2025 at 2:00 PM in the Seminar Hall (Mechanical Block). The theme for this year's celebration was "Break Barriers, Build Futures – Celebrate Women!", emphasizing empowerment, equality, and recognition of women's contributions in all spheres of life. The event was graced by the Chief Guest, Smt. V. Sailaja, Advocate & Special Public Prosecutor, Protection of Children from Sexual Offences Court, Chittoor. In her inspiring address, she highlighted the importance of gender equality, women's rights, and the need for continued advocacy to create a safer and more inclusive society for women and children. The event was coordinated by Dr. H. Umamaheswari, Professor, S&H. The celebration included vibrant cultural performances, skits, and speeches by students, highlighting women's achievements and their crucial role in shaping society. The event provided a platform to express solidarity and appreciation toward women from all walks of life. The program concluded with a vote of thanks, expressing gratitude to the management, dignitaries, faculty, and students for making the event a grand success.

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (AUTONOMOUS), CHITTOOR**

**25**  
EXCELLENCE

## International WOMEN'S DAY-2K25

*"Break Barriers, Build Futures – Celebrate Women!"*

**Chief guest**

**Smt. V. Sailaja**  
Advocate & special Public Prosecutor  
Protection of Children from Sexual Offences Court, Chittoor.

**Special invitees**

Sri K. Parganathan, Chairman	Dr. D.A. Kalpana, Managing Trustee
Sri D.E. Sazhi Narayana, Secretary.	Dr. K.L. Narayana, Academic Advisor
Dr. N. Venkateshalingam, Principal	Dr. M. Saravanan, Dean-Academics
	Dr. N. Sarma Babu Rao, Dean-R&D

**Members**

Dr. H. Umamaheswari, Professor, S&H (Coordinator)	Mrs. P. Sankash Priya, Asst. Prof, S&H	Mrs. J. Rangya, Asst. Prof, S&H
Dr. Manjamma Reddy, ASST Co-Coordinator	Mrs. P. Leelavathi, Asst. Prof, CEE	Mrs. D. Shobana, Asst. Prof, S&H
	Mrs. K.K. Uma Rani, Asst. Prof, CEE	Mrs. D. Sreelakshmi, Asst. Prof, C&A
	Mrs. K.K. Shafiq, Asst. Prof, CEE	Mrs. J. Rangya, Asst. Prof, S&H
	Mrs. D. Shivali, Asst. Prof, ASST	

**8-3-2025 @ 2.00 PM in Seminar Hall  
( Mechanical Block)**







# National Service Scheme

The National Service Scheme (NSS) unit of Sreenivasa Institute of Technology and Management Studies (SITAMS) actively organized and participated in various social and national service activities during the period January to March 2025. These activities aimed at promoting social responsibility, community engagement, and national spirit among students.

## *Republic Day Celebrations*

**Date:** 26-01-2025

**Venue:** SITAMS Ground

**Participants:** 200 Students

The NSS unit actively participated in the Republic Day celebrations held at the SITAMS Ground. The programme highlighted the importance of the Indian Constitution and the values of democracy, unity, and integrity. Students took part in flag hoisting, patriotic speeches, and cultural programmes, fostering a sense of nationalism and civic responsibility.



## *Community Project Visit*

**Date:** 24-02-2025

**Venue:** Beerappa Cheruvu Village, Irala Mandal

**Participants:** 150 Students (I Year II Semester)

As part of the community outreach programme, NSS volunteers from I Year II Semester visited Beerappa Cheruvu village. The students interacted with villagers to understand local issues related to sanitation, education, health, and environment. Awareness was created on cleanliness, personal hygiene, and social welfare schemes. The visit helped students gain practical exposure to rural life and societal challenges.



I B.Tech II Sem CSE-C, AIML-A & B section students interacted with village people & farmers.

## Community Project Visit

**Date:** 04-03-2025

**Venue:** Tekumanda Village, Bangarupalem Mandal

**Participants:** 100 Students (I Year II Semester)

Another community project visit was organized at Tekumanda village. NSS volunteers conducted surveys and interacted with the local population to identify community needs. The programme emphasized social awareness, environmental protection, and the importance of education. Students actively participated in discussions and awareness activities, strengthening their sense of social commitment.

Community Project Visit for I Yr II Sem Students

4-03-2025

Tekumanda (V) Bangarupalem



I B.Tech II Sem AI-A & B section students interacted with village people & farmers.

# International Yoga Day

- **Date:** 21-06-2025
- **Venue:** SITAMS Campus
- **Participants:** 200

The NSS unit of SITAMS organized International Yoga Day to promote physical and mental well-being among students and staff. The programme included yoga demonstrations and practice sessions focusing on asanas, pranayama, and meditation. Students were educated on the importance of yoga in maintaining a healthy lifestyle, stress management, and overall well-being. The event encouraged students to adopt yoga as a regular practice.

## 21-06-2025 International Yoga Day

**Jawaharlal Nehru Technological University Anantapur**  
(Established under A.P. Govt. Act No.30 of 2008)  
Ananthapuramu - 515002, Andhra Pradesh, India.  
ACCREDITED BY NAAC WITH 'A' GRADE

# 11<sup>th</sup> International YOGA Day

*Yogandhra Day Celebrations*  
**21-06-2025**  
*venue: SITAMS, Chittoor*

Yoga for Harmony & Peace

Organised by **NSS**  
**Sreenivasa Institute of Technology and Management Studies ,**  
**Chittoor,(autonomous)**



## Two-Day Hands-On Workshop “IoT: Hands-On Workshop for Future Innovators”

The Department of Electronics and Communication Engineering, in association with IEEE ComSoc, IIC, and IIIC, successfully organized a two-day hands-on workshop titled “IoT: Hands-On Workshop for Future Innovators” on 10th and 11th October 2025.

The workshop focused on practical learning and real-time implementation of IoT concepts. The resource person, Prof. S. Premkumar, delivered insightful sessions on IoT architecture, sensors, microcontrollers, communication protocols, and real-world applications. Students actively participated in hands-on sessions conducted in the Microprocessor Laboratory, where they worked with IoT kits and implemented basic IoT-based projects.



## Details of Memorandum of Understanding

### Industry Institute Interaction Cell (IIIC)

S.No	Year	MOU Detatils	MOU Duration
1	2024	Strydo Technologies Pvt. LTd, Vellore	3 Years
2	2025	Prime Bio-Medical Systems, Tirupur	5 Years
3	2022	KNR EDU Services Pvt Ltd, Hyderabad, Telangana	2 Years
4	2024	Young Mind Technology Solutions Pvt. Ltd, Tirupati	5 Years
5	2024	VI Microsystems Private Limited, Chennai	5 Years
6	2025	Technotron, Nellore	5 Years
7	2025	Karna HR Solution, Tirupathi	1 Years



# Training and Placement Cell

The placement activities conducted during the period **January to June 2025** have shown encouraging results with active participation from reputed companies across IT, AI, FinTech, and Banking sectors. A total of **131 students** were successfully placed through internships and full-time job offers.

## Placement Highlights

- **Total Selections:** 131 students
- **Nature of Offers:** Internships and Full-Time Placements
- **Salary Packages Offered:** Ranging from **Internships** to **3.6 LPA**

## Company-wise Placement Summary

- **Qspider** emerged as the top recruiter with **42 selections**, offering internship opportunities.
- **GQT (16 selections)** and **TAP Academy (15 selections)** also contributed significantly through internship programs.
- **SmartEdTech** offered **14 selections** with a package of **2.4 LPA**.
- **Zithara.ai** and **Prospiders** provided internships to **10** and **12** students respectively.
- **Avion Global Solutions, Hyderabad, ToT FD, and 24.7 AI** offered full-time roles with packages up to **3.6 LPA**.
- **AU Small Bank** recruited **6 students** with a package of **3 LPA**.
- **Infosys** participated by offering internship opportunities.

### Jan to Jun 2025

S.No.	Name of the Company	No of Selections	Package
1	Qspider	42	Internship
2	TAP Academy	15	Internship
3	Zithara.ai	10	Internship
4	Infosys	3	Internship
5	ToT FD	2	3.6 LPA
6	24.7 AI	5	Internship
7	GQT	16	3.6 LPA
8	SmartEdTech	14	2.4 LPA
9	AU Small Bank	6	3 LPA
10	Prospiders	12	Internship
11	Alvion Global Solutions, Hyderabad	6	3.6 LPA
	<b>Total</b>	<b>131</b>	

# EchoBrains Conducts Highly Successful Recruitment Drive at SITAMS

Resource Persons: Delegates from EchoBrains Date: 7.10.2025

EchoBrains visited SITAMS on October 7, 2025, infusing the campus with anticipation as the organization conducted its much-awaited on-campus recruitment drive. This event represented another important milestone in strengthening the industry-institute partnership and highlighted the outstanding talent being nurtured within SITAMS.

The recruitment drive began with an enthusiastic group of participants eager to showcase their skills for opportunities with EchoBrains. Throughout the day, students underwent a rigorous assessment process testing both their core knowledge and applied skills, followed by a focused series of technical and behavioral interviews.

After the comprehensive evaluation, 12 students were selected to join EchoBrains. This achievement reflects their commitment and perseverance, along with the high standards of preparation embedded in the SITAMS curriculum and faculty mentorship.

The Management, Heads of Departments, faculty, and student community extend their warmest congratulations to the selected students, wishing them continued success as they set forth on their professional journeys.



## Soft Skills Training Sessions

**Conducted by: Mr. Praveen**

**Academic Years: 2024-25 & 2025-26**

Mr. Praveen's soft skills training sessions during the academic years 2024-25 and 2025-26 focused on helping students develop the interpersonal abilities needed for successful careers beyond technical knowledge. The sessions covered essential areas like effective communication, teamwork, time management, problem-solving, and professional etiquette through a practical, hands-on approach. Rather than relying on lectures, Mr. Praveen used role-playing exercises, group discussions, mock interviews, and real workplace scenarios to help students practice and improve. Students worked on personality development, conflict resolution, stress management, and building confidence for campus placements. The interactive format made it easier for students to identify their strengths and work on areas needing improvement in a supportive environment. Throughout the training, Mr. Praveen emphasized the importance of emotional intelligence, adaptability, and maintaining professional behavior in workplace settings. Students appreciated his approachable teaching style and the practical examples he shared from industry experience. The sessions helped participants become more comfortable with public speaking, team collaboration, and handling pressure situations. By the time placement season arrived, students showed noticeable improvements in how they presented themselves during group discussions and personal interviews. The soft skills developed through this training complemented their technical preparation and helped them understand what employers look for in candidates beyond academic qualifications. Many students mentioned that the confidence and interpersonal skills gained from these sessions continued to benefit them even after securing their placements, making their transition into professional work environments smoother.

# ***Aptitude Training Sessions***

**Conducted by: Mr. Surya Prakash**

**Academic Years: 2024-25 & 2025-26**

Mr. Surya Prakash conducted aptitude training sessions during 2024-25 and 2025-26 to prepare students for the quantitative and logical reasoning tests that form the first screening round in most campus placements. The training covered all major topics that companies typically test, including number systems, percentages, profit and loss, time and work, time and distance, data interpretation, logical reasoning, puzzles, and verbal ability. Mr. Surya Prakash started each topic by explaining the fundamental concepts clearly before teaching shortcuts and time-saving techniques that help students solve problems faster. He structured the sessions to include plenty of practice through worksheets, regular timed tests, and mock aptitude examinations that simulated actual company test conditions. Students found his patient approach to explaining mathematical concepts helpful, especially those who had been away from quantitative subjects for a while. The progressive difficulty level of problems ensured that students gradually built their problem-solving speed and accuracy. Mr. Surya Prakash made himself available after sessions to clarify individual doubts and help students understand where they were losing time or making mistakes. He also shared insights about which topics appeared most frequently in different companies' tests, helping students prioritize their preparation effectively. Regular assessments allowed students to track their improvement over time, and many who initially struggled to complete even half the questions eventually became comfortable solving most problems within the time limit. The practice of taking tests under timed conditions helped reduce anxiety and improved performance when students faced actual aptitude tests during placements. By the end of the training, students showed significant improvement in both speed and accuracy, which translated into better success rates in clearing the initial screening rounds of visiting companies. The solid foundation in aptitude that Mr. Surya Prakash helped build gave students the confidence to approach these tests calmly and increased their chances of progressing to subsequent interview rounds.

# ***Corporate Communication Training Sessions***

**Conducted by: Ms. K.R. Raghavi**

**Academic Years: 2024-25 & 2025-26**

Ms. K.R. Raghavi's corporate communication sessions during 2024-25 and 2025-26 helped students learn the professional communication skills needed in workplace settings, moving beyond the informal communication styles typical of academic environments. The training covered both verbal and non-verbal aspects of business communication, including how to write professional emails, reports, and proposals, as well as how to participate effectively in meetings, make presentations, and engage in professional conversations. Ms. Raghavi used practical exercises where students actually drafted emails, created presentations, and participated in simulated workplace scenarios like client meetings and team discussions. She provided honest feedback on their work, often projecting examples anonymously to discuss what worked well and what could be improved. The sessions addressed important details like understanding when to use formal versus informal language, how to structure business documents clearly, meeting etiquette, telephone and video conferencing protocols, and adapting communication style to different audiences and situations. Ms. Raghavi drew from her industry experience to share real examples of communication successes and failures in corporate settings, which helped students understand why certain communication practices matter. Students practiced giving presentations and received constructive criticism on their delivery, body language, and content organization. The training also covered cross-cultural communication considerations, digital communication platforms, and the importance of active listening in professional interactions. Many students found the personalized feedback particularly valuable for identifying and correcting their individual communication habits. The practice sessions helped build confidence in professional communication situations that many students had never encountered before. When placement season began, students demonstrated better email correspondence with recruiters, more polished presentation skills during case study rounds, and improved participation in group discussions. Those who went on to internships reported feeling more prepared to handle workplace communication challenges, from writing their first professional emails to contributing in team meetings, which made their initial transition into corporate environments less overwhelming.

# Communication Essentials Training Sessions

**Conducted by: Ms. Ch. Monika**

**Academic Years: 2024-25 & 2025-26**

Ms. Ch. Monika's Communication Essentials sessions during 2024-25 and 2025-26 addressed the foundational communication skills that many students needed to develop before they could effectively participate in placement processes. The training focused on building basic English language proficiency, improving pronunciation and clarity, expanding vocabulary, and most importantly, helping students overcome the anxiety associated with speaking in professional settings. Ms. Monika created a supportive, non-judgmental learning environment where students at different proficiency levels could practice and improve without fear of embarrassment. Sessions included grammar basics, sentence construction, common error correction, vocabulary building through contextual usage, pronunciation drills, and plenty of speaking practice through activities like extempore speaking, storytelling, and group conversations. She used simple exercises, games, and peer interactions to make practice feel less intimidating than formal classroom recitation. Ms. Monika patiently addressed common mistakes in tense usage, sentence formation, and pronunciation without singling out individual students, instead treating errors as learning opportunities for everyone. The training covered essential skills like introducing yourself clearly, answering common interview questions, active listening, and understanding the basics of professional body language and eye contact. Students worked at their own pace, with Ms. Monika celebrating small improvements and encouraging consistent practice. The focus was not on achieving perfect fluency but on developing enough competence and confidence to express ideas clearly and engage in basic professional conversations. Regular speaking opportunities helped students gradually become more comfortable using English in front of others. Over the course of the training, visible progress occurred as students who initially hesitated to speak began participating more actively, forming clearer sentences, and showing less visible nervousness when asked to speak. During placements, the fundamental communication skills developed through these sessions allowed students to participate in group discussions, answer interview questions without freezing, and engage with recruiters despite not being the most fluent speakers. The confidence gained from knowing they could communicate their thoughts, even if imperfectly, proved as valuable as the language skills themselves, helping students showcase their actual knowledge and abilities rather than being held back by communication barriers.





# 4<sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences (ICAIES-2025)

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES  
(AUTONOMOUS)**

Murukumbattu, Chittoor, A.P, 517127.  
NBA Accredited (CSE, ECE, EEE & MCA)

**4<sup>th</sup> INTERNATIONAL CONFERENCE  
ON ADVANCES AND INNOVATION IN  
ENGINEERING AND SCIENCES  
(ICAIES-2025)**

**25<sup>TH</sup>  
APRIL  
2025**



## ABOUT US

4<sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences – (ICAIES-2025) will provide a techno-platform to the young minds to connect with the Educational and Industrial Experts all over the world for improving the potential for excellence in various domains of Engineering and Sciences.

## AUTHOR GUIDELINES

- Paper should be prepared in the conference paper template.
- Total pages may be limited to a maximum of 6 pages.
- Selected papers will be notified through Email/Phone.
- Kindly register the selected paper within the due date.
- All the registered papers will be published in the conference proceedings with ISBN number.

## CONTACT US :

Dr.S.Vijayakumar, Coordinator : 8072652330  
Dr. P. Sudheer, Coordinator : 9959490700

SITAMS

[https://sitams.ac.in/assets/pages/  
conference/icaies2k25.html](https://sitams.ac.in/assets/pages/conference/icaies2k25.html)

[icaies.2k25@gmail.com](mailto:icaies.2k25@gmail.com)

## IMPORTANT DATES

- Submission of Full Paper : 20.04.2025
- Notification of Acceptance : 22.04.2025
- Last Date for Registration fee : 24.04.2025
- Conference Date : 25.04.2025

## REGISTRATION FEE DETAILS

- Research Scholars / Students : Rs.500/-
- Faculty : Rs.500/-
- Industry Persons : Rs.1000/
- Note: Payment can be made through cash mode

The **ICAIES-2025** conference received an overwhelming response from researchers across India and abroad. Papers were invited in various areas of Engineering and Sciences, including but not limited to Computer Science, Artificial Intelligence, Data Science, Electronics, Electrical Engineering, Mechanical Engineering, Civil Engineering, and Interdisciplinary Sciences.

All submitted papers underwent a rigorous **peer-review process** conducted by subject experts and reviewers. Based on originality, technical quality, relevance, and presentation, the papers were selected for presentation and publication.

The **ICAIES-2025** concluded successfully with the publication of **224 research papers**, reflecting the conference's academic excellence and global outreach. The event significantly contributed to knowledge sharing, research collaboration, and innovation in engineering and sciences. The organizing committee expresses sincere gratitude to all authors, reviewers, keynote speakers, coordinators, and participants for making the conference a grand success.

## ABOUT THE INSTITUTE

Sreenivasa Institute of Technology and Management Studies (SITAMS) was established in the year 1998-99 under Sreenivasa Trust by a prominent industrialist late Dr.D.K.Audikesavulu, Ex. M.P. Former TTD Chairman. Over the last 25 years, SITAMS has made remarkable progress in Teaching, Research and Consultancy in the field of Technical Education and Management Studies under the Chairperson Late. Smt. D.A.Sathya Prabha (W/o Late Dr.D.K.Audikesavulu), Ex.MLA,Chittoor(2014-2019) and Chairman Sri.K.Ranganatham, former Advisor to the Principal Secretary of Energy, Government of A.P. SITAMS, a pioneer of value based education has started with an intake of 200 and increased exponentially to 1035 from the academic year 2022-23. The college now offers both U.G. (ECE, CSE, CSE(AIML), CSE(AI), CSE(DS), EEE, Civil & Mechanical) and P.G.(MBA, MCA & M.Tech.), Courses under JNTU, Anantapur and is approved by AICTE, New Delhi. The college got 2(f) and 12(b) status by the UGC in the year 2013, Autonomous in the year 2013-18, 2019-24 (2nd cycle), NAAC Accreditation and NBA accreditation (ECE, CSE, Mechanical & MCA from 2019-22 and ECE & CSE from 2022-25). In the year 2024, Department of EEE and MCA are also got accredited by NBA.

**Location:** The Institute is located 5 km away from the Chittoor Town on Tirupati-Bangalore Old Bypass Road.

## TECHNICAL ADVISORY COMMITTEE

Prof. Xiao Zhi Gao, School of Computing, University of Eastern Finland,  
Dr. Reeba Korah, Alliance University, Bangalore  
Dr. R. Murugan, Dept of ECE, NT, Silchar, Assam  
Dr. Srinivasan Krishnaswamy, Dept of EEE, IIT Guwahati  
Dr. Avishkek Adhikary, Dept of EECS, IIT Bhubli  
Dr. Lokanandha Reddy Irala, University of Hyderabad  
Dr. Y. Venkat Rao, School of Management, Puducherry  
Dr. P. Arulmozhivarman, VIT University, Vellore  
Dr. K. Vinodh Babu, VIT University, Vellore  
Dr. Duc-Tan-Tran, Phenikaa University, Hanoi, Vietnam  
Dr. Mammilla Ravi Sankar, IIT Tirupati  
Dr. K. Venkataramalah, YSR Engg. College, Kadapa  
Dr. B. Eswara Reddy, Sponsored Research, JNTUA  
Prof. S. Naseera Kareem, JNTUACE, Kalkiri  
Dr. K. Mohan, Assistant Director, VIT University, Vellore  
Dr. A. Bolfazi Mehbodniya, Kuwait College of Science and Technology, Kuwait  
Dr. Elamaran Jayamani, Swinburne University of Technology, Malaysia  
Dr. N. Sundaraganesan, Annamalai University, Chidambaram  
Dr. Tom Mathews, Material Science Group, IGCAR, Kalpakkam  
Dr. Chandhra Sekhar Rout, Centre for Nano & Material Sciences, Jain University, Bangalore  
Dr. Sharief Basha S, School of Advanced Science, VIT, Vellore  
Dr. M.C. Raju, JNTUACE, Kalkiri  
Prof. A. Suresh Babu, JNTUA College of Engineering, Anantapur  
Dr. G. Gopikhand, VIT, Vellore  
Dr. M. Usha Rani, Sri Padmavathi Mahila University, Tirupathi

## TOPICS

(Topics included but not limited to)

- Advanced Communication Technologies
- VLSI & Nano Technology
- Digital Signal and Image Processing Cognitive Radio
- 5G Networking & Wireless Communication
- Quantum Computing
- Power Converters / Electrical Drives
- Power Quality
- Renewable Energy
- Electric Vehicles
- Smart Grid
- Business Transformation through Technological Innovation
- The Role of Technological Start-ups in Indian Economic Development
- Trends, Prospects and Challenges in the Indian Digital Economy
- Financial Management and Accounting Practices
- Green Marketing
- Artificial Intelligence
- Machine Learning / Deep Learning / ANN
- Data Science
- Cyber Security
- Advanced Materials & Manufacturing
- Additive Manufacturing
- Nano Bio Tribology
- Design Optimization
- Composite Materials
- Unconventional Machining Significance of Nanomaterials in Science and Technology
- Thin films for Photo Catalysis, Photovoltaics and Optoelectronics Professional English Language Skills and its Significance
- Recent Trends in Mathematics & Applications
- Technology Transformation in HRM

### CHIEF PATRONS:

Sri. K. Ranganatham,  
Chairman.  
Sri. D. K. Badninarayana,  
Secretary  
Dr. D. A. Kalpaja,  
Managing Trustee.

### PATRONS:

Dr. K. L. Narayana,  
Academic Advisor.  
Dr. N. Venkatachalapathi,  
Principal.

### CONVENORS:

Dr. M. Saravanan,  
Dean Academics.  
Dr. N. Sambasiva rao,  
Dean - R&D.

### COORDINATORS:

Dr. S. Vijayakumar,  
JHOE - CSE (AIML).  
Dr. P. Sudheer,  
JHOE - EEE.

### ORGANIZING COMMITTEE:

Dr. S. Rajesh, COE  
Dr. R. Karunia Krishna Priya, JHOE - CSE  
Prof. M.E. Palanivel, JHOE - CAI  
Mr. A. Srinivasan, JHOE - C&E  
Dr. C. Kavitha, JHOE - ECE  
Dr. N. Satish Kumar, JHOE - Mech  
Dr. U. Balakrishna, JHOE - S&T  
Dr. C. Jyoshna, JHOE - MBA  
Dr. R. Saraswathi, JHOE - MCA

# SITAMS Alumni Association

## Alumni Meet

The SITAMS Alumni Association (SAA) successfully organized the **Silver Jubilee Alumni Meet 2024** on 28th December 2024 at Sathya Keshav Gallery, SITAMS. The event was conducted with the objective of strengthening the bond between the alumni and the institution and providing a platform for alumni to reconnect, recall memories, and relax.

The programme commenced with a warm welcome to all alumni and guests. The dignitaries addressed the gathering, highlighting the growth of the institution over the years and emphasizing the importance of alumni contributions in academic development, mentoring, and institutional progress.

Dr. Amit Kumar Patro, in his address, motivated the alumni to stay connected with their alma mater and contribute through knowledge sharing, guidance, and collaboration. The Guest of Honour, Sri Y. Karunakar, spoke about the role of the alumni association in fostering lifelong relationships among alumni and supporting institutional initiatives.

Around **100 alumni** from various batches enthusiastically participated in the meet. The event provided an excellent opportunity for alumni to interact with faculty members, share their professional experiences, and relive their memorable moments at SITAMS.

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**  
(AUTONOMOUS - NBA Accredited)  
MURUKAMBATTU, CHITTOOR - 517 127, A.P.

**SITAMS ALUMNI ASSOCIATION (SAA)**

**Invitation**

**Silver Jubilee Alumni Meet 2024**  
On 28<sup>th</sup> December, 2024 at 9.30 am  
Reunite | Recall | Relax

Venue: Sathya Keshav Gallery

**Dignitaries to adorn the function**

**Sri. K. Ranganatham**  
Chairman

**Dr. D. A. Kalpaja**  
Managing Trustee, Srinivasa Trust

**Sri. D.K. Badri Narayana**  
Secretary

**Dr. K.L. Narayana**  
Academic Advisor

**Dr. N. Venkatachalapathi**  
Principal

**Chief Guest**

**Dr. Amit Kumar Patro**  
Director  
National Atmospheric Research Laboratory  
Gadanki

**Guest of Honour**

**Sri. Y. Karunakar**  
President,  
SITAMS Alumni Association.

**Mr. J. Sheik Mohamed** (Co-ordinator SAA) | **Prof. R.M. Sulthani** (GPO) | **Dr. M. Saravanan** (Dean-Academics) | **Dr. N. Sambasiva Rao** (Dean-B&D)

By  
SITAMS Alumni Association

**Programme Schedule**

- 9.15 am to 10.30 am Alumni Registration & Instant Photography @ Academic Block
- 10.15 am to 10.45 am Refreshment @ Near Gallery
- 10.45 am to 1.15 pm
  - Welcoming the Dignitaries
  - Lighting the Lamp with Prayer Song
  - Welcome Note & Annual Report of SAA
  - Addressing by Dignitaries
  - Key Note of SAA Functionality by President
  - Felicitations to Distinguished Alumni
  - Felicitations to Spectacular Alumni Contributors to SITAMS
  - Felicitations to Distinguished Faculty by Alumni
  - Felicitations to Student Series Presenter
  - Felicitating the Dignitaries
  - Alumni Interaction
  - Group Photo - Dept. Wise
  - Vote of Thanks
- 1.15 PM to 2.15 PM Lunch @ Administrative Office Opposite
- 2.15 PM to 4 PM
  - Department Wise Alumni Interaction with Students

By  
SITAMS Alumni Association



# SITAMS ANNUAL SPORTS MEET -2025

The **Annual Sports Meet – 2025** of **Sreenivasa Institute of Technology and Management Studies (SITAMS)** was successfully conducted on **29 March 2025** with great enthusiasm and vibrant participation from students.

The event aimed to promote physical fitness, team spirit, discipline, and sportsmanship among students. A wide range of **outdoor and indoor sports events** were organized, providing an excellent platform for students to showcase their athletic talents.

The sports and games conducted included **running races, shot put, shuttle, cricket, football, volleyball, tennikoit, chess, carroms**, and other competitive events. Students actively participated in both individual and team events, displaying remarkable energy, coordination, and competitive spirit.

The sports meet concluded with a **prize distribution ceremony**, during which **winners and runners-up** of various events were awarded **prizes, medals, and certificates** in recognition of their outstanding performances. The event was a grand success and fostered a spirit of unity, leadership, and healthy competition among the students.

## Annual Sports Meet 2025 – Winners Details

### Shuttle Badminton

Category	Event	Winner(s)	Runner(s)-up
Women	Singles	Siriha K (ECE, IV Year)	A. Geethika (CSE, I Year)
Men	Singles	S. Jabiulla (CAI, I Year)	K. Khaleef (MBA, I Year)
Men	Doubles	D. Chamanraj & K. Khaleef (MBA, I Year)	B. Mahesh (MCA, I Year) & K. Mohammad Ali (CSE, IV Year)
Women	Doubles	C. Keerthi Krishna (ECE, IV Year) & B. Mounika (EEE, IV Year)	H. Sravani (CSE, III Year) & P. G. Arathi (CSE, IV Year)

### Tennikoit

Category	Event	Winner(s)	Runner(s)-up
Women	Singles	S. Ramya (CSM)	K. G. Hemalatha (CSM)
Women	Doubles	S. Ramya & K. G. Hemalatha (CSM)	V. Vishnupriya & R. Varshiya

### Athletics – Girls

Event	1st Place	2nd Place	3rd Place
100 m Running	T. M. Katherin Priyadarshini (CSE)	R. Pavani (CSE)	B. Jenifer (EEE)
200 m Running	R. Pavani (EEE)	B. Jenifer (EEE)	T. M. Katherin Priyadarshini (CSE)
Shot Put	B. Jenifer (EEE)	P. Harathi (CSM)	B. Aruna (CSE)

## Shuttle (Doubles)

Event	Winners	Runners
Shuttle (Doubles)	G. S. Gunavarshini (III) A. Geethika (III)	K. Kusuma (III) V. Vishnupriya (III)

## Throw Ball

Event	Winner (CSE)	Runner (MCA)
Throw Ball	B. Thanuja (C) (III) P. Bindu (VC) (III) C. Chandu Priya (III) M. Devika (III) E. Bhavana (III) B. Abhinaya (III) R. Pavani (II) T. M. Kathorin Priya (II) C. H. Komali (II) S. Chandana Harishitha (II) K. Yamini (II) P. Poojitha (II) S. Bhagyasree (II)	S. Hema (II) P. Harika (I) K. Saritha (I) N. Nagaveni (I) V. Vishnupriya (I) G. Haripriya (I) G. Jayasree (I) K. Kusuma (I) P. Girija (I) M. Reddy Priya (II) M. Girisha (II) T. Swapna (II) S. Raja Lakshmi (II) S. Radha (II)

## Volley Ball

Event	Winner (EEE)	Runner (CSE & MCA)
Volley Ball	K. Jenifer (II) P. Ushasree (I) K. Yaswini (I) U. Ailarasi (II) J. Bhavya (IV) B. Yamuna (IV) M. Sowmya (I)	P. Pavani (III) C. Chandu Priya (III) G. S. Gunavarshini (III) R. Pavani (II) B. Abhinaya (II) V. Vishnu Priya (MCA-I) P. Harika (MCA-I) M. Nagaveni (MCA-I) T. M. Katherin (CSE-II) B. Thanuja (CSE-III)

## Tennikoil(Women)

Event	Winner	Runner
Tennikoil	S. Ramya-IIICSM C. Sasikala-III CSM	B. Abhinaya- III CSE A. Vani-III CSE

## Shuttle Badminton(Men doubles)

Event	Winner	Runner
Shuttle Badminton	D. Charan Raj-I MBA K. Kaleef- I MBA	B. Mahesh – I MCA K. Mohammad Ali – 4 CSE

## 100 m Running

S.No	Event	1st Place (CAI)	2nd Place (CSE)	3rd Place (ECE)
1	100 m Running	Harshavardhan A.	M. A. Huzafa	T. Naveen Raju
S.No	Event	1st Place (MCA)	2nd Place (CSE)	3rd Place (MBA)
2	200 m Running	M. Teja	M. A. Huzafa	K. M. Kishore
S.No	Event	1st Place (MBA)	2nd Place (MCA)	3rd Place (CAI)
3	Shot Put	K. M. Kishore	A. Sai	G. Prakash

## Volley Ball

### Winner (ECE)

G. V. Madhu (IV)  
Chathrapathi (II)  
Anish (II)  
Dinesh (III)  
Bharath (III)  
Vasnth (III)  
Yeswanth (III)  
Pavan Reddy  
T. Bharath (II)  
G. Prasanth (III)

### Runner (S&H)

A. Aravind (C) (I)  
M. Balaji (I)  
G. Jagadish (I)  
S. Thrinesh (I)  
R. Abdullah (I)  
A. Harinandish (I)  
P. Anand Babu (I)  
S. Sreenivaulu (I)  
S. Tharun Kumar Reddy (I)  
P. Sreenivasulu (I)

## Ball Badminton

### Winner (CAI, DS, AIML)

S. Jabulla (III)  
V. Sathvik (III)  
E. Mohith (III)  
V. Charan (III)  
S. Nisar (III)  
P. Uday (III)  
D. Sathish Kumar (II)  
Dhanush (III)

### Runner (EEE)

V. Tharun (III)  
A. Chadu (III)  
B. Sunil (III)  
K. Sudeer (III)  
K. S. Jamee (III)  
C. Harsha (III)  
Yashwnth (II)

# Basket Ball

## Winners

A. A. Manmohan Reddy (III)  
A. Hemanth Kumar (III)  
E. V. Chandrakanth (III)  
Tharun Kumar (III)  
Moham (III)  
B. Prasad (III)  
Chetan (III)  
Sundal (III)

## Runners

A. Sai Prakash (II)  
A. Praveen Kumar (II)  
K. Guruva Reddy (II)  
B. Prasanth (II)  
P. Theja (II)  
K. Pavankalyan (II)  
B. Sai Kumar (II)  
R. Anil Kumar (II)

# Cricket (Men)

## Winner (S&H)

Hussain (C) – I CSE  
S. Thrinesh – I CSE  
Jayakanth – I CSM  
Kiran Yadav – I Mech  
Jafer – I Mech  
Srineevasulu – I ECE  
P. C. Yashwanth – I CAI  
Ganesh – I CSE  
Nawaz – I ECE  
S. Nafiz – I ECE  
Bhanu – I ECE  
Guna Vardhan Reddy – I ECE  
Dinesh – I CSE  
R. Abdullah – I CSE  
T. Naveen Raju – I ECE  
M. Dhanush – I CSM

## Runner (ECE)

Harsha Vardhan (III)  
Hanumanth Reddy (III)  
Jagadeesh Reddy (III)  
Vishnuvardhan (III)  
S. Charan (III)  
Roshan (III)  
Suman (II)  
Chandu (II)  
Anees (II)  
Vinodh Kumar (III)  
Uday (II)  
Prasanth Kumar (III)  
Mahendra (II)  
Reddep (III)  
Charandeep (III)  
Sabeel Ahmed (III)





# Department of Computer Science and Engineering

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2025-26. I hope this will be continued further to improve the self-quality and department quality.



Dr. Karunia Krishnapriya R,  
HOD

### COLLEGE VISION

- ✦ To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

### DEPARTMENT VISION

- ✦ To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

### COLLEGE MISSION

- ✦ Provide congenial academic ambience with state-of-art of resources for learning and research.
- ✦ Ignite the students to acquire self reliance in the latest technologies.
- ✦ Unleash and encourage the innate potential and creativity of students.
- ✦ Inculcate confidence to face and experience new challenges.
- ✦ Foster enterprising spirit among students.
- ✦ Work collaboratively with technical Institutes / Universities / Industries of National and International repute.

### DEPARTMENT MISSION

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

## Events

### Industrial Tour

An industrial visit to BSNL was scheduled for III year Computer Science & Engineering on 03/02/2025. A total of 140 students visited the firm. Sub-divisional engineer Mr. S. Balakrishnan divided the students into four groups and explained the different modules namely switching, transmission, and MDF (Main distribution function). In the switching module, students learned on practical aspects of call making and receiving.

They were taught how to create the calling number and how to check the dial tone. In the transmission module, students were briefed about OFC communication and its uses, advantages, and applications. The students were shown the real cables and their working procedures. In the MDF module, students learned about the requirement of the main distribution function. They were briefed about the

line side and exchange side of MDF. The students were shown the functioning parts of the distribution unit. The industrial visit ended by 1:30 PM.

**NAME OF THE INDUSTRY VISITED :** BSNL- Rajiv Gandhi Memorial Telecom Training Centre

**PLACE OF THE INDUSTRY VISITED :** Chennai

**DATE OF VISITED :** 03/02/2025

**YEAR OF STUDENTS :** III YEAR (A, B & C)

**STRENGTH OF STUDENTS APPROVED :** 140

**NAME OF THE FACULTY'S VISITED :** Mr. V. S. MOHAMMAD SHAHIL (IV-INCHARGE,CSE)

Dr. R. Karunia Krishnapriya(HOD-CSE)

Mr. N.Vijaya Kumar(ASSISTANT PROFESSOR,CSE)

Mr. P.Praveen(ASSISTANT PROFESSOR,CSE)

Mr. A. VENKATESAN (ASSISTANT PROFESSOR,CSE)

Mr. V.P.Manikandan (ASSISTANT PROFESSOR,CSE)

Ms. Deepika (ASSISTANT PROFESSOR,CAI)





# Faculty Achievements

## NPTEL Completed

S.NO.	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	Dr. T. Senthil	Machine Learning for Core Engineering Disciplines	2 Weeks	Completed
2.	Dr. T. Senthil	Introduction to Internet of Things	2 Weeks	Completed
3.	Mr. Pandreti Praveen	Cyber Security and Privacy	12 Weeks	Completed
4.	Mr. Pandreti Praveen	Data Base Management System	12 Weeks	Completed

## Papers Published

S. No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year
1.	Dr. R. Karunia Krishna Priya Associate Professor	DETECTING ONLINE RECRUITMENT FRAUD THROUGH DEEP LEARNING USING HYBRID NEURAL NETWORKS	Published In IJCRT ( www.ijcrt.org ) & 7.97 Impact Factor by Google Scholar Volume 13 Issue 4 April 2025, Date of Publication: 22-April-2025 UGC Approved Journal No: 49023 (18)
2.	Dr. R. Karunia Krishna Priya Associate Professor	IDENTIFYING ADVERSE DRUG REACTION SIDE EFFECTS BY DRUG-DRUG INTERACTIONS USING GRAPH NEURAL NETWORKS AND SELF-SUPERVISED LEARNING	Published in Volume 10 Issue 4, April-2025,   Impact Factor: 9.15 by Google Scholar
3.	Dr. R. Karunia Krishna Priya Associate Professor	IOT BASED ASSISTIVE TECHNOLOGY BASED DEVICE FOR STUDENTS WITH AUTISM	In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001. Design No.: 454326-001 Date: 04/04/2025
4.	Dr.T.Senthil Associate Professor	DEEP LEARNING CONVOLUTIONAL NETS FOR PADDY LEAF DISEASE DETECTION AND CLASSIFICATION	Journal of Environmental Protection and Ecology 26, No 2, 560-574 (2025)
5.	Dr.T.Senthil Associate Professor	A DEEP LEARNING SYSTEM FOR DETECTING DIABETIC RETINOPATHY(DR)	Journal of Emerging Technologies and Innovative Research(JETIR), © 2025 JETIR March 2025, Volume 12, Issue 3
6.	Dr.T.Senthil Associate Professor	DETECTING ONLINE RECRUITMENT FRAUD THROUGH DEEP LEARNING USING HYBRID NEURAL NETWORKS	Published In IJCRT ( www.ijcrt.org ) & 7.97 Impact Factor by Google Scholar Volume 13 Issue 4 April 2025, Date of Publication: 22-April-2025 UGC Approved Journal No: 49023 (18)

7.	Dr. D. Bright Anand Associate Professor	DETECTING ONLINE RECRUITMENT FRAUD THROUGH DEEP LEARNING USING HYBRID NEURAL NETWORKS	Published In IJCRT ( www.ijcrt.org ) & 7.97 Impact Factor by Google Scholar Volume 13 Issue 4 April 2025, Date of Publication: 22-April-2025 UGC Approved Journal No: 49023 (18)
8.	Dr. D. Bright Anand Associate Professor	AI DRIVEN KIDNEY STONE DETECTION USING DIP AND CONVOLUTIONAL NEURAL NETWORK	IJRPR Vol(6), Issue(4), April 2025
9.	Dr. D. Bright Anand Associate Professor	AN INTELLIGENT LEAF DISEASE PREDICTION FOR CORN AND MAIZE USING CONVOLUTIONAL NEURAL NETWORKS	International journal of Computing and Digital Systems 2025, vol.17, No.1, 1-15
10.	Mr. Pandreti Praveen Assistant Professor	DETECTING ONLINE RECRUITMENT FRAUD THROUGH DEEP LEARNING USING HYBRID NEURAL NETWORKS	Published In IJCRT ( www.ijcrt.org ) & 7.97 Impact Factor by Google Scholar Volume 13 Issue 4 April 2025, Date of Publication: 22-April-2025 UGC Approved Journal No: 49023 (18)
11.	Mr. Pandreti Praveen Assistant Professor	IDENTIFYING ADVERSE DRUG REACTION SIDE EFFECTS BY DRUG-DRUG INTERACTIONS USING GRAPH NEURAL NETWORKS AND SELF- SUPERVISED LEARNING	Published in Volume 10 Issue 4, April-2025,   Impact Factor: 9.15 by Google Scholar

## FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr. R. Karunia Krishna Priya Associate professor	International FDP on Futuristic Pathways in Technology and Computational Methodologies	Mary Matha College of Arts and Science, Theni Dist.	Jan – 2025
2.	Dr. R. Karunia Krishna Priya Associate professor	Innovative Research Opportunities and Applications of Data Science	SITAMS College, Chittoor.	Jan – 2025
3.	Dr. R. Karunia Krishna Priya Associate professor	AI in Health Care Management	PET Engineering College, Vallioor	Jul – 2025
4.	Dr. R. Karunia Krishna Priya Associate professor	Recent Advancements in AI&ML	St. Joseph's College of Engg. Chennai	Jul – 2025
5.	Mr. Pandreti Praveen Assistant Professor	Advancements in Artificial Intelligence and Machine Learning for Modern Engineering Solutions	ATAL – FDP	Jan – 2025
6.	Mr. Pandreti Praveen Assistant Professor	Generative AI: Techniques, Tools and Applications	ATAL – FDP	Feb – 2025
7.	Mr. Pandreti Praveen Assistant Professor	AI Enhanced 6G: Pioneering the Next Generation of Wireless Innovations	ATAL – FDP	Feb 2025

# Students Achievements

## Students Toppers

The following is the list of Toppers for the academic year 2024-25 II semester.

Year	Reg No	Student Name	RANK
CSE II YEAR	23751A0591	N SUPRIYA	I
	23751A0537	G GUNASRI	II
	23751A0572	KOTHAPALLI USHA	II
	23751A05D3	S THASLIM TAZ	III
	23751A05D9	SHAIK JALALI ELIYAZ	III
CSE III YEAR	22751A0583	M GNAPIKA	I
	22751A05E2	SEKHAR SHALINI	II
	22751A0504	A VANI	II
	22751A0516	B RAMYA	II
	22751A05C2	POTHA ROHITH REDDY	III
	22751A05A4	O V NEERAJA	III
CSE IV YEAR	21751A0571	K GAYATHRI	I
	21751A0597	M JAHNAVI	II
	21751A0502	A GEETHIKA	III

## NPTEL Completed

S.NO.	NAME OF THE STUDENT	COURSE NAME	NUMBER OF WEEKS	AWARD
1	C THANUSHA	BUSINESS INTELLIGENCE & ANALYTICS	12 WEEKS	Completed
2	S NAVYA	CLOUD COMPUTING	12 WEEKS	Completed
3	D KANNAN	INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL INTERNET OF THINGS	12 WEEKS	Completed
4	VERRY NANDU	INTRODUCTION TO INTERNET OF THINGS	12 WEEKS	Completed
5	CHENNURU PRASANNA	INTRODUCTION TO INTERNET OF THINGS	12 WEEKS	Completed
6	G GUNASREE	PROGRAMMING IN JAVA	12 WEEKS	Completed
7	ELlichetti BHAVANA	INTRODUCTION TO INTERNET OF THINGS	12 WEEKS	Completed
8	SHAIK FIRDAUZE FATHIMA	MACHINE LEARNING, ML	12 WEEKS	Completed

## Journal Papers Published

S. No.	Name of the Student	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year
1.	Ms. S. Sai Jaswanthi	Detecting Online Recruitment Fraud through Deep Learning using Hybrid Neural Networks	Published In IJCRT ( www.ijert.org ) & 7.97 Impact Factor by Google Scholar Volume 13 Issue 4 April 2025 Date of Publication: 22-April-2025 UGC Approved Journal No: 49023 (18)

## Conference Papers Presented

S. No.	Name of the Students	Title of the Paper	Name of the conference	International/ National
1.	N. Likhitha priya K. Lakshmi priya M. Likhitha M. Kumari	Predicting Stroke Onset with Neural Networks	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
2.	K. Rupari M. Ramya K. Tejaswini K. Sandhya	Advancing Glycemic Condition Diagnosis Through CNN-Based Automated Learning	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
3.	M. Poojitha K. Sowmya J. Bhavya Sree P. Chandhini	Artificial Intelligence-Powered Early Detection of Kidney Stone Using a Hybrid CNN-LSTM Model	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
4.	V. Deepika S. Thaslim Y. R. Thanmayee R. Richitha	Dermoscopic Image Analysis for Skin Cancer Detecion Using Machine Learning	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
5.	K Gayathri Karnam BhagyaSree Kathi Nikitha K Supriya	Hybrid Deep Learning Approaches for Enhanced Lumbar Disease Classification	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
6.	S. Arun Sanchi Sunil Kumar Palakuru Lokabiram R. Nitheesh R. Uday Kiran	DIADOCBOT – Your Diabetes AI Buddy	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL

7.	R. Vamsidhar Raju S. Janakiram P. Reddy Prasad B. Lohith	Deepfake Detection Images and Videos Using LSTM and RESNEXT CNN	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
8.	B. Hasini G. S. Guna Varshini A. Poojitha C. Thulasi	Analysing Sleep Disorder Using Ensemble Learning Techniques	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
9.	A. Padma Sree B. Thanuja C. Chandu priya D.S. Mounika	Clip to Clear Transforming Videos into Meaningful Learning	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
10.	S. Dhanalakshmi T. Kusuma T. Bhavana	Image Restoration Using Super Resolution Generative Adversarial Networks with Post Processing Techniques	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
11.	Palagiri Charishma Panga Nandini Ravala Santhoshi Singam Ushaswani	Fueling Efficiency: Machine Learning Approaches to Driving Pattern Optimization	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
12.	K. Praveen G. Naga Sundar Reddy O. Hema Chandra Naidu M. Yaswanth Santhosh	Deep Learning-Based Keyframe Extraction From Videos Using LSTM and Natural Language Processing	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
13.	JS Bhavana A Dillipriya C Rohitha Reddy E Mounika	Detection And Classification of Bone Fractures Using Deep Learning	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
14.	V. Sai S. Abdul Samad V. Lalith V. Sashi Vardhan	Intelligrow: A Smart lot System with Cloud Computing And Integrated AI for Precision Agriculture and Water Management	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
15.	H Mahesh Babu I Murad Alisha J Vamsi N Teja	Electricity Bill Prediction and Consumption Using Machine Learning Algorithms	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL

16.	C. Kesava Reddy A. Jayaprakash B. Chandra Sekhar A. Hemanth Kumar4	Oral Cancer Detection Using Image Processing and Inception V3	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
17.	B. Prasad A. Rakesh C.S Rahul BMR Dinesh	Face Recognition Based Attendance System Using Machine Learning Algorithms	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
18.	P. Sandhya Reddivari Nikitha, Shaik Firdousi Thabassum Muni Sandhya	Epileptic Disorder Identification Using Deep Learning	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
19.	E Bhavana B Ramyasree D Bhanu Priya	Detection of Tomato Leaf Disease Using Deep Learning Techniques	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
20.	Ms.K.Anuradha Ms.K. Jahnvi Ms.P. Jahanavi Ms.M. Bhargavi	A Blockchain-Based Framework for Secure Question Paper Distribution and Leakage Prevention	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
21.	S. Somashakar U. Kumar Sai S. Sai Vamsi S. Vinod	Enhanced Machine Learning Framework for Early Parkinson's Disease Detection	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
22.	Mr. Balapuram Jayanth Mr. A C Girish Mr. D Kannan Mr. D Charan Kumar	Precision Agriculture: AI for Rice Leaf Disease Recognition	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
23.	M Ruthika M Sai Manogna N Pranathi K Pavani Kanala Mamatha	Improving Early Diagnosis of Diabetes Mellitus With Deep Learning Algorithms	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL

24.	J V Badrinath M Dineswar K Mahesh Reddy K Damarukesh Reddy,	Interactive Deep Learning Framework for Real Time Sign Language Recognition	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
25.	A Geethika G Ramya G Divyanjali C Preethi	Hybrid Approach for Crude Oil Price Prediction Using Prophet And Gru	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
26.	P.Bindu P.Keerhi R.Hemavathi K.Likitha	Bitcoin Price Prediction Using Deep Learning	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
27.	C.Vijay Chandragiri Bharath Gandhamaneni Vijay Kiran Chowdary G. Sathwwik Chowdary P. Suheb Akthar	Detection Of Deepfake Videos Using Convolution Neural Network	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
28.	Nalla Bhargavi Mangiri Devika K Harika O Rupa TejaSree	Leveraging Vision Transformers for Blood Group Detection Using Fingerprint Minutiae	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL
29.	P. Manoj S. Harish V. Srinivasulu V. Sandeep Reddy	Automated Pneumonia Detection From Chest X-Rays Using Transfer Learning With Resnet-50	4th International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025 25-Apr-2025	INTERNATIONAL

# DEPARTMENT OF CSE(ARTIFICIAL INTELLIGENCE)

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2025-26. I hope this will be continued further to improve the self-quality and department quality.



Prof. M.E PALANIVEL  
HOD CSE(AI)

### DEPARTMENT VISION

- ✦ To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

### DEPARTMENT MISSION

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

### PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

- ✦ PEO1: Expertise with computer science and Engineering, artificial intelligence and machine learning disciplines through quality studies, enabling success in IT industries. (Professional Competency)
- ✦ PEO2: Establish start-up companies or employed in reputed computing industries or government sectors or pursue higher studies in the domain of CSE (AI) (Successful Career Goals)
- ✦ PEO3: Enhance knowledge by updating advanced technological concept for facing the rapidly changing world and contribute to society through innovations and creativity. (Continuing Education and Contribution to Society)

### PROGRAM SPECIFIC OUTCOMES (PSO's)

On Successful completion, the graduate will be able to,

- ✦ PSO1: Demonstrate and analyse the mathematical methodologies to develop computer programs using networking, web design, big data analytics, machine learning algorithms, data science, neural networks and deep learning techniques.
- ✦ PSO2: Deploy the artificial intelligence techniques to perform human intelligence in creating innovative.

## Events

### Industrial Tour

#### Industrial Visit to Chennai Codebinds, Chennai

Industrial visits are a part of our curriculum to bridge the gap between theoretical knowledge and practical industry exposure. We visited **Chennai Codebinds**, a software training and development company, to understand practical applications of programming, project management, and industry practices.

#### Objectives of the Visit:

- To gain practical exposure to software development environments.

- To understand workflow in real-time project handling using tools like Code::Blocks and Python IDEs.
- To learn debugging, testing, and deployment practices in a software company.
- To interact with industry professionals for career guidance in programming.

### **Details of the Visit:**

The visit was conducted on [12-03-2025] under the guidance of [DR MUNIPRAVEENA/Coordinator]. We were welcomed by the Chennai Codebinds team, who explained the company's functioning, training modules, and live project execution in C, Python, Java, and embedded systems. We observed the workflow including requirements gathering, design, coding, testing, and deployment.

### **Outcomes of the Visit:**

- Understood the practical application of programming languages in industry projects.
- Learned about debugging and error handling using Code::Blocks IDE.
- Gained awareness of the software project lifecycle and teamwork in development.
- Received insights on internships, mini-projects, and placement preparation.

### **Conclusion:**

The industrial visit to Chennai Codebinds was informative, enhancing our practical knowledge of programming and the software industry workflow, motivating us to strengthen our skills for academic and professional growth.

**Convenor:** Dr. Munipraveena Rela, Associate Professor of CAI , Department of CSE(AI), SITAMS.

**Faculty Coordinators:** Mr. V. AJAY, ASSISTANT PROFESSOR CSE(AI), SITAMS

**Date:** 12.03.2025

**Target Audience:** III year CSE(AI) students

**Organized by:** Department of CSE(AI), SITAMS

**Students Attended on Industrial Visit:** 73 students



## Guest Lectures/Workshops/Webinars/Conferences/FDP organized

### WORKSHOPS:

#### 1-Day Workshop on Applications of AI

Department of Computer Science and Engineering (Artificial Intelligence) organized a **one-day workshop on “Applications of AI”** on **8th March 2025** to enhance the knowledge of students and faculty regarding practical applications and industry trends in Artificial Intelligence.

The primary objective of this workshop was to:

- Introduce real-world applications of AI in various domains.
- Provide hands-on exposure to AI tools and techniques.
- Motivate students to pursue research and projects in AI.

#### Resource Person

The session was handled by **Dr. S. Viswanadha Raju**, Professor, Department of CSE, JNTUH, a renowned academician and researcher in the field of Artificial Intelligence and Machine Learning.

#### Workshop Highlights

- Dr. Viswanadha Raju explained **AI fundamentals**, real-world case studies, and research challenges in AI.
- Demonstration of **AI tools and Python libraries** used in Machine Learning and Deep Learning.
- Discussions on **AI applications in healthcare, finance, and autonomous systems**.
- An interactive Q&A session was conducted to clarify the doubts of the participants.
- Students were encouraged to work on **mini-projects and problem-solving using AI techniques**.

#### Outcome

The workshop successfully enhanced the practical understanding of AI among the participants. Students gained exposure to the latest developments in AI and its interdisciplinary applications, helping them align their learning with industry and research needs.

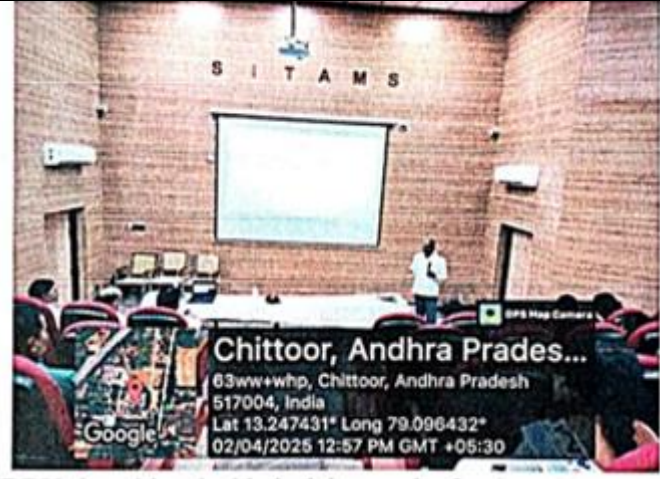


**AN EXPERT LECTURE  
ON  
AWARENESS ON FELLOWSHIPS AND SPONSORED RESEARCH OPPORTUNITIES**

<b>Date</b>	:2-04-2025, Time: 12.30PM
<b>Venue</b>	: SATHYA KESGAV GALLERY
<b>Resource Person</b>	: Dr. B. ESWARA REDDY DIRECTOR, SPONSORED RESEARCH, JNTUA, ANANTAPURAM
<b>Convenor</b>	: M E Palanivel, PROFESSOR AND HOD, DEPT.OF CSE-AI
<b>Co-ordinator</b>	: Ms. R. SATHIYA PRIYA, ASSISTANT PROFESSOR, DEPT OF CSE, Mr. L. VIJAYA KUMAR ASSISTANT PROFESSOR, DEPT OF CSE(AI)

The primary objectives of the Expert Lecture (AWARENESS ON FELLOWSHIPS AND SPONSORED RESEARCH OPPORTUNITIES) .

It is to provide in- Depth Knowledge in understanding and showcasing the latest trends, research, and best practices in the field. The expert speaker aimed to break down complex concepts and make them accessible to all attendees, regardless of their prior knowledge. Which help a faculty to develop professionally by equipping them with the skills, tools, and knowledge necessary for growth in their respective fields various opportunity to connect with the research field. The event served as a platform for faculty and researchers to learn from an experienced professional and network with like- minded individuals in the field.



Dr.B.ESWARA REDDY shared invaluable insights, to the faculty with an in-depth understanding of the subject. Key takeaways included [e.g., cutting-edge research, practical applications, or emerging trends], which are shaping the future of [field/industry]. The speaker's extensive experience and knowledge brought clarity to complex concepts and made the topic more relatable for the diverse audience.



**SREENIVAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (AUTONOMOUS)**  
**Murukambattu, CHITTOOR-517 127**  
**(Approved by AICTE, & Affiliated to JNTUA)**  
**DEPARTMENT OF CSE(AI)**  
**ORGANIZING AN EXPERT LECTURE**



Many participants expressed interest in forming study groups, research collaborations, or even professional partnerships. The event facilitated connections between faculty, and professionals from different sectors, setting the stage for future collaboration in the field. Several participants mentioned that they would be reaching out to each other for future collaborative projects.



The event was a valuable platform for knowledge sharing, networking, and future collaboration. The success of the lecture has set the stage for future events of similar nature, where participants can continue to learn, grow, and contribute to the advancement in research. We look forward to building on this success and organizing more events that inspire professional and academic growth.



**SREENIVAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (AUTONOMOUS)**  
Murukambattu, CHITTOOR-517 127  
(Approved by AICTE, & Affiliated to JNTUA)  
DEPARTMENT OF CSE(AI)  
ORGANIZING AN EXPERT LECTURE



# Faculty Achievements

## NPTEL Completed

S.NO.	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	Mr. M.E. PALANIVEL	Deep Learning for Natural Language Processing	4 Weeks	Elite
2.	Mr. M.E. PALANIVEL	Natural Language Processing	4 Weeks	Elite
3.	DR. MUNIPRAVEENA RELA	Introduction To Machine Learning	4 Weeks	Elite
4.	DR. MUNIPRAVEENA RELA	Artificial Intelligence	4 Weeks	-

## Papers Published

S. No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year
1	Dr. MUNIPRAVEENA RELA Associate Professor	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY May-25-2025
2	Dr. MUNIPRAVEENA RELA Associate Professor	Detection of Lung Cancer Using Histopathology Based on CNN	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Apr-25-2025
3	Dr. MUNIPRAVEENA RELA Associate Professor	AI-Based Tool for Preliminary Diagnosis of Dermatological Manifestions	International Journal of All Research Education and Scientific Methods (IJARESM),
4	Mr. L. VIJAYA KUMAR Assistant Professor	An Early Prediction of Cardiovascular Stroke Using Machine Learning Techniques	International Journal for Multidisciplinary Research (IJFMR)
5	Mr. L. VIJAYA KUMAR Assistant Professor	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY
6	Mr. L. VIJAYA KUMAR Assistant Professor	Brain Hemorrhage Detection Using Deep Learning	International Research Journal of Engineering and Technology (IRJET)

7	Ms. D. HARITHA Assistant Professor	Enhanced Iris Image Segmentation and Classification using Deep Learning	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
8	Ms. D. HARITHA Assistant Professor	A Web – Based CNN Model for Retinal Diabetes Screening	International Journal of Research and Analytical Reviews (IJRAR)
9	Ms. D. HARITHA Assistant Professor	AI-Based Tool Preliminary Diagnosis of Dermatological Manifestions	International Journal of All Research Education and Scientific Methods (IJARESM)
10	Ms. M. DEEPIKA Assistant Professor	Alert Wheel - Driver Drowsiness Detection using Computer	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
11	Ms. M. DEEPIKA Assistant Professor	Analyzing Leaf Nutrition and Disease by using Deep Learning	International Journal of Creative Research Thoughts (IJCRT)
12	Ms. M. DEEPIKA Assistant Professor	Integrating Natural Language Processing in AI- Powered Personalized Virtual Assistant	International Journal of Research Trends and Innovation (IJRTI)

## Papers Presented

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/ National
1	Dr. MUNIPRAVEENA RELA Associate Professor	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
2	Dr. MUNIPRAVEENA RELA Associate Professor	Detection of Lung Cancer Using Histopathology Based on CNN	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
3	Dr. MUNIPRAVEENA RELA Associate Professor	AI-Based Tool for Preliminary Diagnosis of Dermatological Manifestions	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-	INTERNATIONAL

			2025	
4	Mr. L. VIJAYA KUMAR Assistant Professor	An Early Prediction of Cardiovascular Stroke Using Machine Learning Techniques	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
5	Mr. L. VIJAYA KUMAR Assistant Professor	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
6	Mr. L. VIJAYA KUMAR Assistant Professor	Brain Hemorrhage Detection Using Deep Learning	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
7	Ms. D. HARITHA Assistant Professor	Enhanced Iris Image Segmentation and Classification using Deep Learning	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
8	Ms. D. HARITHA Assistant Professor	A Web – Based CNN Model for Retinal Diabetes Screening	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
9	Ms. D. HARITHA Assistant Professor	AI-Based Tool Preliminary Diagnosis of Dermatological Manifestions	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
10	Ms. M. DEEPIKA Assistant Professor	Alert Wheel - Driver Drowsiness Detection using Computer	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL

11	Ms. M. DEEPIKA Assistant Professor	Analyzing Leaf Nutrition and Disease by using Deep Learning	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
12	Ms. M. DEEPIKA Assistant Professor	Integrating Natural Language Processing in AI- Powered Personalized Virtual Assistant	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL

## FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Mr. M.E. PALANIVEL Associate professor	Applications Of AI in Industry	SITAMS	8th mar 2023
2.	Dr. MUNIPRAVEENA RELA Associate Professor	Block chain and web3	SIT, SSAHE, KS	10th mar to 17th mar 2025
3.	Ms. M. DEEPIKA Assistant Professor	GENERATIVE AI	KALSA COLLEGE FOR WOMEN	21 <sup>ST</sup> April to 25th April 2025
4.	Ms. M. DEEPIKA Assistant Professor	GENERATIVE AI & CHATGPT	SJC	27 <sup>th</sup> Jan To 31 <sup>st</sup> Jan 2025
5.	Mr. V. AJAY Assistant Professor	APPLICATIONS OF AI IN INDUSTRY	SITAMS	10th July to 28th July 2023.
6.	Mr. L. VIJAYA KUMAR Assistant Professor	APPLICATIONS OF AI IN INDUSTRY	SITAMS	20th & 21st Dec2023
7.	Ms. D. HARITHA Assistant Professor	APPLICATIONS OF AI IN INDUSTRY	SITAMS	07.08.23 to 09.08.23

## PATENTS

S.No.	Name of the Faculty	Patent Title	Patent No & country	Month & year
1.	Dr. MUNIPRAVEENA RELA Associate Professor	AI BASED HOUSE INTRUSION DETECTION DEVICE	6413306, UK Design	04 January 2025

2.	Dr. MUNIPRAVEENA RELA Associate Professor	“A SOLAR-POWERED WATER PURIFICATION SYSTEM”	202541009962 A, India,	21/02/2025
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# Students Achievements

## Journal Papers Published

S. No.	Name of the Students	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year
1	V CHARAN KUMAR V SATHVIK KUMAR S JABUILLA N DHANUSH M VASANTH KUMAR	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY May-25-2025
2	P THIRUMALESH V SAI DINESH A RAHUL C VARDHAN KUMAR	Detection of Lung Cancer Using Histopathology Based on CNN	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Apr-25-2025
3	S SREE LAKSHMI E S NIKITHA	AI-Based Tool for Preliminary Diagnosis of Dermatological Manifestions	International Journal of All Research Education and Scientific Methods (IJARESM),
4	M NISHEETHA N PRATHYUSHA K FIZZA GULSHAN	An Early Prediction of Cardiovascular Stroke Using Machine Learning Techniques	International Journal for Multidisciplinary Research (IJFMR)
5	E MOTHILAL CHOWDARY C HARSHA VARDHAN JANGALAPALLE RAJESH KURUBA TEJA	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY
6	N MOHAN REDDY P SATHISH P SUMANTH POONAMALLI LOKESH	Brain Hemorrhage Detection Using Deep Learning	International Research Journal of Engineering and Technology (IRJET)
7	PERIMINENI SINDHU PUTTA PALLAVI S SANJANA M SREE VAISHNAVI	Enhanced Iris Image Segmentation and Classification using Deep Learning	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
8	PERNENI PAVANI D KALPANA	A Web – Based CNN Model for Retinal Diabetes Screening	International Journal of Research and Analytical Reviews (IJRAR)

9	B SASI KUMAR SHAIK MASIUR REHMAN PULIPATI UDAY KIRAN KURUBA GIRISH S VINOD KUMAR	AI-Based Tool Preliminary Diagnosis of Dermatological Manifestions	International Journal of All Research Education and Scientific Methods (IJARESM)
10	P PALLAVI Y.V.S PALLAVI KUMAR VAISHALI	Alert Wheel - Driver Drowsiness Detection using Computer	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
11	P SANJANA E CHANDINI D RAJESWARI SHAIK FIRDOSE TAJ	Analyzing Leaf Nutrition and Disease by using Deep Learning	International Journal of Creative Research Thoughts (IJCRT)
12	P LIKITHA SREE A S BHAGYA SREE B NAMATHA	Integrating Natural Language Processing in AI- Powered Personalized Virtual Assistant	International Journal of Research Trends and Innovation (IJRTI)

## Conference Papers Presented

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/ National
1	V CHARAN KUMAR V SATHVIK KUMAR S JABUILLA N DHANUSH M VASANTH KUMAR	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
2	P THIRUMALES V SAI DINESH A RAHUL C VARDHAN KUMAR	Detection of Lung Cancer Using Histopathology Based on CNN	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
3	S SREE LAKSHMI E S NIKITHA	AI-Based Tool for Preliminary Diagnosis of Dermatological Manifestions	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
4	M NISHEETHA N PRATHYUSHA K FIZZA GULSHAN	An Early Prediction of Cardiovascular Stroke Using Machine Learning Techniques	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL

5	E MOTHILAL CHOWDARY C HARSHA VARDHAN JANGALAPALLE RAJESH KURUBA TEJA	Predicting Substance Consumption Patterns Using Behavioral Analytics and Demographic Details	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
6	N MOHAN REDDY P SATHISH P SUMANTH POONAMALLI LOKESH	Brain Hemorrhage Detection Using Deep Learning	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
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9	B SASI KUMAR SHAIK MASIUR REHMAN PULIPATI UDAY KIRAN KURUBA GIRISH S VINOD KUMAR	AI-Based Tool Preliminary Diagnosis of Dermatological Manifestions	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
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12	P LIKITHA SREE A S BHAGYA SREE B NAMATHA	Integrating Natural Language Processing in AI-Powered Personalized Virtual Assistant	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL

13	SURYAWANSHI RITHIK RAJENDRA CHILAKA SIVA SAI P THULASIRAM M KARTHIK REDDY	Cnn-Based Component Detection for Accurate Object Recognition	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
14	CR INDRESH P KARTHIK M UDAY KUMAR S MOKSHITH KUMAR REDDY	Novel Method For Hands- Free Mouse Control Using Eye Tracking and Adaptive Blink Detection	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
15	K LOHITHA B MANJULA P KEERTHI A HARSHINI	Ai-Driven Framework for Predicting Cesarean Deliveries Based on Fetal Health Parameters Using Artificial Neural Networks	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
16	CEEKALA CHOITHA M. LAKSHMI PRASANNA K. KALPANA K. YOHITHA T. PRAVEENA	Machine Learning Models for Early Diagnosis and Prediction of Pulmonary Carsinoma	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
17	S. SHAFIYA G. HARSHITHA M.POOJA V.SANDHAYA SREE	Predictive Model for Early Detection of Oral Cancer Using Machine Learning and Deep Learning	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
18	GUNISETTI VENKATA SYAM B. AKHILESWAR P. VENKATADRI P. PAVAN	Plant Leaf Disease Detection Using Deep Learning	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL
19	G.M. KAIFU Y. LOKESH S. ABDUL RAHEEM P. BHANU PRAKASH	Vehicle Number Plate Detection Using Deep Learning With Ssd Algorithm	4 <sup>th</sup> International Conference on Advances and Innovation in Engineering and Sciences: ICAIES-2025	INTERNATIONAL

## Students Toppers

The following is the list of Toppers for the academic year 2025-26 I semester.

Year	Reg No	Student Name	RANK
CAI II YEAR	23751A3175	NOCHILLI KISHORE	1
	23751A3124	K MADHURI	2
	23751A3124	BAVIGADDA TEJA	3
	23751A3124	C CHARISHMA	4
	23751A3124	MUCHHUGUTTA	5C
CAI III YEAR	22751A3162	SIDDAMMAGARI CHANDANA	1
	22751A3160	SHAIK SHAFIYA	2
	23751A3101	GUNISETTI VENKATA SYAM PRASAD	3
	22751A3120	H LIKITHA	4
CAI IV YEAR	21751A3124	P LIKITHA SREE	1
	21751A3131	PERIMINENI SINDHU	2
	21751A3126	P SANJANA	3
	21751A3125	P PALLAVI	4
	21751A3129	P SUMANTH	5
	21751A3118	M NISHEETHA	6

## Webinars/Workshops/Online course/Conference Attended

S.No.	Name of the student	Title	Name of workshop/webinar/conference	Date
1.	M.DURGA PRASAD	BULD YOUR OWN C PROGRAM: DATA STRUCTURES ESSENTIAL	SITAMS ALUMNI ASSOCIATION((SAA)	13-02-2025 & 14-02-2025
2.	MISBA SHAIK DAVUBHAIGARI	WEB DEVELOPMENT	RINEX	March 7,2025



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

(Autonomous) (NBA Accredited - MCA,CSE,ECE,EEE)

CHITTOOR-517127

SITAMS ALUMNI ASSOCIATION(SAA)

(Reg.No.329/2019)

Student Knowledge Sharing Series

"Student Sparks: Fostering Intellectual Exchange"

Certificate of Workshop Participation



Cert. No. : SAA/W03/ 51 /2025

Name : M.DURGA PRASAD  
 Department : I B.Tech - *CAI*  
 Title : BUILD YOUR OWN C PROGRAM : DATA STRUCTURES ESSENTIAL  
 Date : 13-02-2025 & 14-02-2025  
 Organized by : BUILD YOUR OWN C PROGRAM : DATA STRUCTURES ESSENTIAL  
 DEPT OF SAH

Mr.J. SHEIK MOHAMED  
COORDINATOR - SAA

Dr. U. BALAKRISHNA  
HOD - S & H

Dr. N. VENKATACHALAPATHI  
PRINCIPAL

# CERTIFICATE

OF ACHIEVEMENT



THIS CERTIFICATE IS PROUDLY PRESENTED TO

## Misba Shaik Davubhaigari

Is hereby awarded this certificate of achievement on the successful completion of Web Development course on March 7, 2025



Google for Education  
Partner

Certificate ID : WD25-RNG0-3088

H N Rohith  
Academic Director

## NPTEL Completed

S.NO.	REG.NO.	NAME OF THE STUDENT	COURSE NAME	NUMBER OF WEEKS	AWARD
1	22751A3110	CEEKALA CHOHITHA	Introduction to Internet Of Things	12 WEEKS	Elite
2	22751A3148	PEMMASANI VENKATADRI	Introduction to Internet Of Things	12 WEEKS	Elite
3	22751A3126	KAYALA KALPANA	Introduction to Internet Of Things	12WEEKS	Elite
4	22751A3110	J. PREETHI	Introduction to Internet Of Things	12WEEKS	Elite
5	22751A3110	DAGGUPATI RAKSHITHA	Introduction to Internet Of Things	12 WEEKS	Elite
6	22751A3115	NANGA PRAVEEN REDDY	Introduction to Internet Of Things	12WEEKS	COMPLETED

# Department of CSE (AI&ML)

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2024-25. I hope this will be continued further to improve the self-quality and department quality.



**Dr.S.VijayaKumar**  
**HOD**

## DEPARTMENT VISION

- ✦ To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

## DEPARTMENT MISSION

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

## PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

- ✦ PEO1: Expertise with computer science and Engineering, artificial intelligence and machine learning disciplines through quality studies, enabling success in IT industries. (Professional Competency)
- ✦ PEO2: Establish start-up companies or employed in reputed computing industries or government sectors or pursue higher studies in the domain of CSE (AI & ML) (Successful Career Goals)
- ✦ PEO3: Enhance knowledge by updating advanced technological concept for facing the rapidly changing world and contribute to society through innovations and creativity. (Continuing Education and Contribution to Society)

## PROGRAM SPECIFIC OUTCOMES (PSOS)

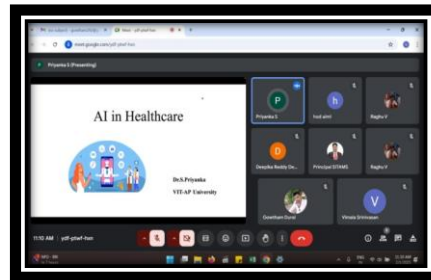
On Successful completion, the graduate will be able to,

- ✦ PSO1: Demonstrate and analyse the mathematical methodologies to develop computer programs using networking, web design, big data analytics, machine learning algorithms, data science, neural networks and deep learning techniques.
- ✦ PSO2: Deploy the artificial intelligence techniques to perform human intelligence in creating innovative products and solutions.

## Events

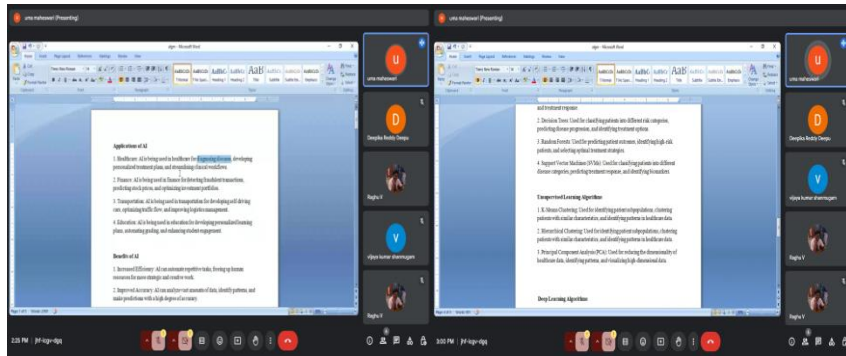
### Guest Lectures/Workshops/Webinars/Conferences/FDP organized

- Department of CSM organized a one day workshop on "AI in health care" for 3rd year CSM branch students on 01.02.2025. The speaker for the session was Dr.S.Priyanka, Associate professor Grade1, School of Electronics Engineering (SENSE), VIT, Amaravathi, A.P.



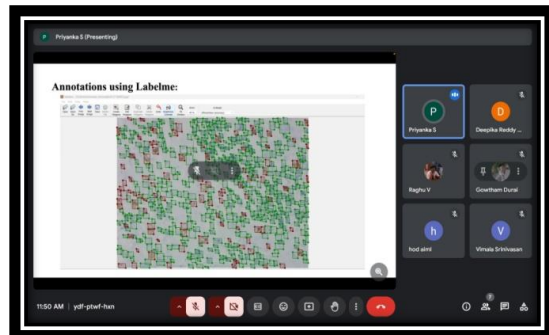
One day workshop on "AI in health care"( 01.02.2025)

- Department of CSM organized an Industrial Expert Talk on “Artificial Intelligence And Innovation In Autonomous Things” for CSM branch students on 01.02.2025. The speaker for the session was Dr.J. Sudharsan, Director, IIIRPD Robo Tech LLP, Hyderabad, Chairman, IEEE – Robotic Automation Society.



**Industrial Expert Talk on “Artificial Intelligence And Innovation In Autonomous Things”**

- Department of CSM organized 3days Workshop on “Innovation in AI for Automation with Solid works and MATLAB” for CSM branch students on 17.03.2025 to 19.03.2025. The speaker for the session was Dr.J. Sudharsan, Director, IIIRPD Robo Tech LLP, Hyderabad.



**3days Workshop on “Innovation in AI for Automation with Solid works and MATLAB” (17.03.2025 to 19.03.2025)**

- Department of CSM organized 5days Workshop on “I-Robo: Intelligent Autonomous Robot and Robo Design Contest” for CSM branch students on 24.03.2025 to 28.03.2025. The speaker for the session was Mr.k. Sanakkiyan, Mr.T. Ramkumar, Embedded Engineers, Zeekers Technology Solutions PVT.LTD., Coimbatore.



- Department of CSM organized a Guest Lecture on "Artificial Intelligence For IOT And It's Applications" for CSM branch students on 15.04.2025. The speaker for the session was Dr. N. Karthik, Assistant Professor, department of CSE, National Institute of Technology, Karaikal.



Guest Lecture on "Artificial Intelligence For IOT And It's Applications"

## Faculty Achievements

### NPTEL COMPLETED

S.NO	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1	Mr.D.Gowtham Assistant Professor	Compiler Design	12 WEEKS	COMPLETED

### Best Teacher/Best Paper Awarded

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	Indexing details
1	Mr.D.Gowtham Assistant Professor	Image Intel - Trabsforming Crowd Density Estimation with AI	ICAIES-2025	International

### Papers Published

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue., Month & Year	Indexing details
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1	Mr.D.Gowtham Assistant Professor	Trash And recycled Materials Identification Using Convolutional Neural Networks.	International Journal of Science and Research Archive(IJSRA) 15 <sup>th</sup> March 2025	International
3	Mr.D.Gowtham Assistant Professor	Stock Market Price Forecasting Using LSTM And GRU Networks	International Journal of Research and Development in Engineering Science 12 <sup>th</sup> March 2025	International

## Papers Presented

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/ National
1	Mr.D.Gowtham Assistant Professor	Deep DR Detection Using Machine Learning,	5 <sup>th</sup> national Virtual Conference on Recent Advances in Technology & Engineering (ICAIES-2023), 27 <sup>th</sup> -28 <sup>th</sup> February 2025	National
2	Mr.D.Gowtham Assistant Professor	Trash And recycled Materials Identification Using Convolutional Neural Networks.	International Journal of Science and Research Archive(IJSRA) 15 <sup>th</sup> March 2025	International
3	Mr.D.Gowtham Assistant Professor	Stock Market Price Forecasting Using LSTM And GRU Networks	International Journal of Research and Development in Engineering Science 12 <sup>th</sup> March 2025	International

## FDPs/Workshops Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Mr.V.Ragubathy Assistant Professor	Six days FDP on “Futuristic Pathways In Technology & Computational Methodologies”	Mary Matha College Of Arts And Science, Theni, Tamil Nadu.	06-01-2025 to 11-01-2025
2.	Dr.S.VijayaKumar Professor		VIT University, Vellore.	20-02-2023 to 22-02-2023
3.	Mr.D.Gowtham Assistant Professor	Five days FDP on “Innovative Research Opportunities and Applications of Data Science”	Sreenivasa Institute of Technology and Management Studies	27.01.2025 To 31.01.2025
4.	Mr.D.Gowtham Assistant Professor	Five days FDP on “Enhancing your	Annamacharya Institute of	17.02.2025 To 21.02.2025

		knowledge with AI Tools”	Technology and Sciences, Kadapa	
5.	Mr.D.Gowtham Assistant Professor	Five days FDP on “Recent Advancements in Artificial Intelligence(AI) &ML”	ST.Joseph’s College Of Engineering, OMR,Chennai	30.06.2025 To 04.07.2025

## Members as Reviewers

## Students Achievements

## Students Toppers

The following is the list of Toppers for the academic year 2024-25 I semester.

Year	Reg No	Student Name	RANK
CSM II YEAR	23751A3352	KATTAMIDA CHARISHMA REDDY	I
	23751A33A6	T BINDU SRI	II
	23751A3390	S MALASREE	III
CSM III YEAR	22751A3332	K L TEJASVI	I
	22751A3375	R KERITHIKA	II
	22751A3374	R.KEERTHI	III
CSM IV YEAR	21751A3354	M.HIMA BINDU	I
	21751A3319	D.HEMA	II
	21751A3324	MOGHAL AIMAN FATHIMA	III

## Webinars/Workshops Attended

S.No.	Name of the student	Title of paper	Name of conference	Date
1.	A.CHANDANA	Deep Fake Audio Authentication Using Advanced Feature Extraction and Machine learning	ICAIES-2025	25 <sup>th</sup> April 2025
2.	C.UDAYA SRI			
3.	KAMASANI DHARANI			
4.	BEERJEPALLI REDDI MALVIKA			
5.	D.DIVYA SREE	Deep Analysis of Autism Spectrum Disorder Detection Techniques	ICAIES-2025	25 <sup>th</sup> April 2025
6.	K.J.POOJA SREE			
7.	KADIRI BHARGAVI			
8.	KAMASANI LATHA SREE			
9.	H.KAVYA SREE	Stress Detection for IT Professional Using Image Processing and Machine Learning	ICAIES-2025	25 <sup>th</sup> April 2025
10.	B.G.HANVITHA			
11.	A.K.HARSHITHA			
12.	A.SREYA			
13.	D.HEMA		ICAIES-2025	25 <sup>th</sup> April 2025

14.	J.PRAVALIKA	Web Based CKD Diagnosis Using Machine Learning		
15.	B.LIKHITHA			
16.	KOTHAREDDY VIDHYULATHA			
17.	KAMASANI THEJASWINI	AI Based Self Driving Car	ICAIES-2025	25 <sup>th</sup> April 2025
18.	K.KUSUMA			
19.	A.GAYATHRI			
20.	G.REVANTH	Emotion Detection Using TEXT	ICAIES-2025	25 <sup>th</sup> April 2025
21.	K.DEVI PRASAD			
22.	C.LAKSHMAN KUMAR			
23.	EESAMBADI BHAVITH SAI			
24.	G.DAWOOD ALI KHAN	Machine Learning Based Analysis of Crypto Currency Market Financial Risk Management	ICAIES-2025	25 <sup>th</sup> April 2025
25.	K.LOKESH			
26.	KARNAM KARTHIK			
27.	D.K.MOHAN			
28.	KALADI BHANU PRAKASH REDDY	A Review on the Evaluation of Feature Selection Using Machine Learning for Cyber Attack Detection in Smart Grid	ICAIES-2025	25 <sup>th</sup> April 2025
29.	A.JAYA CHANDRA REDDY			
30.	A.VARUN KUMAR REDDY			
31.	KALAVAKUNTA LOHITH KUMAR			
32.	KANDURU KISHORE KUMAR RAJU	X-AI Enabled Hybrid Approach for Detection of Cyber Terrorism	ICAIES-2025	25 <sup>th</sup> April 2025
33.	BALA SREENIVASULU			
34.	J.GANESH KUMAR			
35.	B.PURUSHOTHAM	Real-Time Hand Gesture Recognition for Sign Language Interpretation using CNN	ICAIES-2025	25 <sup>th</sup> April 2025
36.	K.THANVEERKHAN			
37.	KOTHA MURALI			
38.	D.SAIKIRAN			
39.	KONETI VENKATA CHANDRA SEKHAR	Crop-Connect A Web-Based Platform for Revolutionizing Agricultural Trade	ICAIES-2025	25 <sup>th</sup> April 2025
40.	KARVETI REDDY PRANAY			
41.	GADI MANOJ			
42.	KURRA ASHOK			
43.	A.HARI KRISHNA	Design and implementation of Decentralized Voting System using Volta Block Chain	ICAIES-2025	25 <sup>th</sup> April 2025
44.	KANUGONDA MUNIRAJU			
45.	BEERAM ASHOK KUMAR REDDY			
46.	CHAKRAVARTHULA KARTHIK RAJU	Skin Cancer Detection Using Image Processing and AI	ICAIES-2025	25 <sup>th</sup> April 2025
47.	K.DOLASANKAR			
48.	JOGAPPAGARI NAGARJUNA REDDY			
49.	GOLLAPAVAN TEJA			

50.	L GUNA	Real time detection of diabetic eye disorders using deep learning	ICAIES-2025	25 <sup>th</sup> April 2025
51.	MADALAMADHU KISHORE			
52.	PERUMAL SURESH			
53.	PUSHPALA GIRI CHARAN	Optical Character Recognition	ICAIES-2025	25 <sup>th</sup> April 2025
54.	RAJENDRA VAMSI KRISHNA			
55.	N NEERAJ PRASAD			
56.	P GANESH			
57.	RASAMALA VISHNU	DNS filtering Service Using Threat Intelligence Feeds and AIML Techniques	ICAIES-2025	25 <sup>th</sup> April 2025
58.	M JEEVAN			
59.	SHAIK NISAR			
60.	JAYAKEERTHAN REDDY	Smart Policing with Large language Models: Enhancing Crime Prediction Through AI Techniques	ICAIES-2025	25 <sup>th</sup> April 2025
61.	Y BHARATH			
62.	MENNI SONIA			
63.	P HARITHA	Smart Healthcare Machine Learning For PCOS Detection & Prediction	ICAIES-2025	25 <sup>th</sup> April 2025
64.	S CHARISHMA			
65.	MAHAJANAM SUDEEPTHI			
66.	N S VAISHNAVI	Image Intel -Transforming Crowd Density Estimation with AI	ICAIES-2025	25 <sup>th</sup> April 2025
67.	P DIVITHA			
68.	YALLARI SRUTHI			
69.	M VIDHYA SREE	Prediction of Cardiovascular diseases with Retinal Images using Deep learning	ICAIES-2025	25 <sup>th</sup> April 2025
70.	MOGHAL AIMAN FATHIMA			
71.	P PAVITRA			
72.	SATHISH KUMAR PAVITHRA	Prediction and Classification of Lung cancer with machine learning algorithms	ICAIES-2025	25 <sup>th</sup> April 2025
73.	M CHANDU KUMAR			
74.	M. VENKAT KALYAN			
75.	THAMBALLA NAVEEN	Safe screen parental control with emergency access for children mobile devices	ICAIES-2025	25 <sup>th</sup> April 2025
76.	NADINTTI GNANA PRAKASH			
77.	PUTHALAPATTU CHAITANYA SAI			
78.	S PAVAN KUMAR	Disease Prediction Using Machine Learning	ICAIES-2025	25 <sup>th</sup> April 2025
79.	VALLEPALLI NIRANJAN REDDY			
80.	M ASHWIKA			
81.	P REDDY SUCHITHA	Disease Prediction Using Machine Learning	ICAIES-2025	25 <sup>th</sup> April 2025
82.	Y SEHITHA SREE			
83.	MANGASAMUDRAM SUMANTH			
84.	NELLORE MUNENDRA	Disease Prediction Using Machine Learning	ICAIES-2025	25 <sup>th</sup> April 2025
85.	S SAI ARAVIND			

86.	S UDITH REDDY			
87.	VARDI REDDY SUDHARSHAN REDDY	Stock Market Price Fore casting using LSTM and Gated recurrent unit network	ICAIES-2025	25 <sup>th</sup> April 2025
88.	YENUGONDA HARI KRISHNA			
89.	S K IMRAN	Explainable Data Driven Digital Twins for Predicting Battery States in Electric Vehicles	ICAIES-2025	25 <sup>th</sup> April 2025
90.	SARIPIRALLA CHENNAREDDY			
91.	T VENKATESH			
92.	TANGUTURU JAYA KIRAN REDDY			
93.	V. HEMANTH	The Brain Stroke Disease Prediction Using Deep Learning Techniques	ICAIES-2025	25 <sup>th</sup> April 2025
94.	PASUPULETI NARENDRA			
95.	PAVAN VENKATA SATYA SAIRAM			
96.	M. HIMA BINDU	Personalized Weather Health Assistant: AI powered Weather Based Health Advisory System	ICAIES-2025	25 <sup>th</sup> April 2025
97.	M. REDDY MOHITH			
98.	V KUMAR			
99.	V SUNEETHA			

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2024-25. I hope this will be continued further to improve the self-quality and department quality.



Mr. A. Srinivasan  
HOD

### DEPARTMENT VISION

- ✦ To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

### PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

- ✦ PEO1: Formulate, solve and analyze Computer Science and Engineering problems using necessary mathematical, Scientific and engineering fundamentals
- ✦ PEO2: Inculcate theoretical and practical knowledge related to Data Science for better prediction and decision making for real world problems.
- ✦ PEO3: Excel as Software Developer with the focused area of Data Science or continues higher education at a reputed institution in India or abroad.
- ✦ PEO4: Demonstrate critical thinking, communication, teamwork, leadership skills and ethical behavior necessary to function productively and professionally.

### DEPARTMENT MISSION

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

### PROGRAM OUTCOMES (PSOS)

- ✦ PSO1: Apply appropriate algorithmic tools and techniques to design and develop computing system for real world problem.
- ✦ PSO2: Formulate and use appropriate models of data analysis to solve hidden solutions for various problems.

## Events

Department of Data Science conducted Event "ANNUAL DAY" celebration on 18-04-2025 at CSD seminar-hall in SITAMS.





## Workshops/Training programs

S.NO.	DATE	DEPT.	WORKSHOPS/ TRAINING PROGRAM ORGANIZED	REOURCE PERSONS	TOTAL ATTENDED
1	09-11-2024	CSD	Workshop on Agile Scrum Model	Ms Kavitha Kuchoor Rao	50
2	09-11-2024	CSD	Workshop on Corporate Work Culture	Mr Sabu Peter	50
3	12-11-2024	CSD	Red Team Assignments in Cyber world	Mr M Saikushith	100
4	19-11-2024	CSD	Optimizing Workflows in Service Now	Mr N Vignesh Mr S Sasikiran	50
5	21-10-2024	CSD	Workshopn on "Dangers and Bias in Artificial Intelligence Algorithms"	Mr Karthik Netha	80

## Industrial Tour

NAME OF THE INDUSTRY VISITED	Cloud logic technologies
PLACE OF THE INDUSTRY VISITED	Chennai
DATE OF VISITED	06-03-2025
YEAR & SEM OF STUDENTS VISITED	IV year & I SEM
STRENGTH OF STUDENTS APPROVED	100
NAME OF THE FACULTY VISITED	Mr. G. Yuvaraju Assistant professor Mrs. D. Sai kiran Assistant professor



# Faculty Achievements

## NPTEL Completed

S.NO.	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	A UDAYA SREE	NPTEL	12 weeks	Elite

## Papers Published

S.No.	Name of the Faculty and Designation	Department	Title of the Paper	Name of the Journal & Vol., Issue ., Month & Year	Indexing details.
1	A Srinivasan Associate Professor	CSE-DS	An Evaluation of the CNN-LSTM Model's Efficacy in Sentiment 5 Analysis Using the Bert and Attendance Mechanisms	International Research Journal of Multidisciplinary Scope (IRJMS), 2024Vol 5 I Issue 22024	SCOPUS
2	A Srinivasan Associate Professor	CSE-DS	Enhancing Anomaly Detection in Pedestrian Walkways using Improved Sparrow Search Algorithm with Parallel Features Fusion Model	Fusion: Practice and ApplicationVol. 14, No. 02. PP. 119-131, 20242024	SCOPUS
3	S.Manohar Assistant Professor	CSE-DS	Machine Learning-Based Security Enhancement in Heterogeneous Networks Using an Effective Pattern Mining Framework	Intelligent Systems and Applications in Engineering12/1S2024	SCOPUS
4	S.Manohar Assistant Professor	CSE-DS	Class Imbalance data handling with optimal deep learning-based intrusion detection in IOT environment	Soft Computing28/4519-45292024	SCI
5	S.Manohar Assistant Professor	CSE-DS	Spotted hyena optimizer with ensemble deep learning based intrusion detection in internet of things environment	Journal of Intelligent and Fuzzy SystemsPRE-PRESS2024	SCI

## FDPs/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Mr. A SRINIVASAN Associate professor	Deep Learning and Artificial Intelligence	Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd.	26th FEB to 1st March 2024
2.	Mr. A SRINIVASAN Associate professor	Cloud Architect	EXCELR	18th Nov to 22nd Nov 2024.
3.	Mr. MANOHAR SRINIVASAN Assistant professor	AI TOOLS FOR TEACHING	Star International Foundation for Research and Education (SIFRE), Tiruchengodu - Tamilnadu, India	22-06-2024
4.	Mr. G.YUVARAJU Assistant professor	GEN AI & CHATGPT APPLICATION IN THE INDUSTRY	EXCELR	27-01-25 to 31-01-25
5.	Mr. G.YUVARAJU Assistant professor	CLOUD ARCHITECT	EXCELR	18-11-14 to 22-11-24
6.	Mr. G.YUVARAJU Assistant professor	INTERNATION FDP ON PROJECT EXCELLENCE GUIDE: DIGITAL MARKETING	EXCELR	21-10-24 to 25-10-24
7.	Mr. G.YUVARAJU Assistant professor	UHV	EXCELR	18-10-2024 to 20-10-2024
8.	A UDAYA SREE Teaching Assistant	UHV	EXCELR	18-10-2024 to 20-10-2024

# Faculty Achievements

## NPTEL Completed

S.NO.	NAME OF THE STUDENT	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	M LEELAKRISHNA	NPTEL	IIT Madras	Completed
2.	B SILPA	NPTEL	IIT Madras	Completed
3.	K SRUTHI	NPTEL	IIT Madras	Completed
4.	A ROOPA	NPTEL	IIT Madras	Completed
5.	K SRUTHI	NPTEL	IIT Madras	Completed

# Department of Electronics and Communication Engineering

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2024-25. I hope this will be continued further to improve the self-quality and department quality.



Dr. C Kavitha, HOD

### COLLEGE VISION

- To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

### DEPARTMENT VISION

- To become a center of excellence in Electronics and Communication Engineering and provide necessary skills to the students to meet the challenges in industry and society.

### COLLEGE MISSION

- Provide congenial academic ambience with state-of-art of resources for learning and research.
- Ignite the students to acquire self reliance in the latest technologies.
- Unleash and encourage the innate potential and creativity of students.
- Inculcate confidence to face and experience new challenges.
- Foster enterprising spirit among students.
- Work collaboratively with technical Institutes / Universities / Industries of National and International repute.

### DEPARTMENT MISSION

- Provide congenial academic ambience with necessary infrastructure and learning resources.
- Inculcate confidence to face and experience new challenges from industry and society.
- Ignite the students to acquire self reliance in State-of-the-Art Technologies
- Foster Enterprising spirit among students

## Events

### Guest Lectures/Workshops/Webinars/Conferences/FDP organized

- Department of Electronics and Communication Engineering organized a Webinar on "Career Paths in VLSI and Semiconductor industries" by Mr.Satish Kondeti, Physical Design Engineer, Takshila, Hyderabad for III year on 21.01.2025. The event is organized by Dr.C.Kavitha, Assoc. Prof & Ms.R.Anitha, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Technical Talk on "Research challenges in antennas for different applications and radiation effects" by Dr.V.R.Anitha,Associate Professor, BMSInstitute of Technology, Bangalorefor III year on 07.02.2025. The event is organized by Dr.K.Yogaprasad, Assoc. Prof & Mr.K.M.Hemambaran, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Guest Lecture on "VLSI Physical Design" by Mr. P.Raghava Reddy, VLSI Physical Design Engineer, Lancesoft India Pvt Ltd, Bangalorefor III year on 08.02.2025. The event is organized by Mr.Y.Ravikiran Varma, Asst. Prof.

- Department of Electronics and Communication Engineering organized a Webinar on "Routing Techniques in Wireless Sensor Network" by Dr.M.Radhika, Assistant Professor, Computer Science and Business System, Rajalakshmi Institute of Technology, Chennai for III year on 08.02.2025. The event is organized by Mrs.SP.Sasirekha, Asst. Prof. & Mrs.BR.Usharani, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Workshop on "PCB Design and Fabrication" by Mr.R.Vikas Reddy, Technical Head and Managing Head, Technotran, Nellore for II year on 12-02-2025 to 14-02-2025. The event is organized by Dr.S.Sugumaran, Assoc. Prof. & Mr.PC. Bharath Kumar, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Seminar on "Careers in VLSI, Texas Instruments" by Mr.RB.Dheeraj, Analog Design Engineer, Texas Instruments, Bangalore for III year on 08.03.2025. The event is organized by Mrs.VG.Hamsaveni, Assoc. Prof. & Mrs.Yasmin, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Seminar on "Brief introduction to analog and digital VLSI Design" by Mr.RB.Dheeraj, Analog Design Engineer, Texas Instruments, Bangalore for III year on 08.03.2025. The event is organized by Mrs.VG.Hamsaveni, Assoc. Prof. & Mrs.Dhanusha, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Seminar on "Embedded systems for Automotive Applications" by Ms.MD.Mounika, Embedded Engineer, ZF Company, Hyderabad for III year on 10.03.2025. The event is organized by Mrs.M.Padma, Asst. Prof. & Mrs.G.Geethanjali, Asst. Prof.
- Department of Electronics and Communication Engineering organized a VAC on "I-Robo: Intelligent Autonomous Robot" by Mr.K. Sanakkiyan & Mr.Ramkumar, Zeekers Technology Solutions, Coimbatore for II & III year ECE & CSM on 24-03-2025 to 28-03-2025. The event is organized by Mr.PC.Bharath kumar, Asst. Prof. & Mr.K.Narendra Kumar, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Guest Lecture on "Student skills impact on bridging Institutes and Industries" by Mrs. Hampika Gorla, Assistant Professor, Department of ECE, IARE, Hyderabad for II year on 08.04.2025. The event is organized by Mr.S.Ashmad, Asst. Prof. & Mrs.S.Reshma, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Guest Lecture on "Artificial Intelligence for IOT and its applications" by Dr.N.Karthik, Assistant Professor, CSE, NIT-K for III year on 15.04.2025. The event is organized by Mr.S.Narendra Kumar, Asst. Prof. & Mrs.BR.Usharani, Asst. Prof.
- Department of Electronics and Communication Engineering organized a Farewell 2K25 on "Farewell 2K25" by -for II, III, IV on 14.04.2025. The event is organized by Mr.S.Ashmad, Asst. Prof. & Dr.Y.Nazeer Ahmed, Assoc. Prof.

# Faculty Achievements

## NPTEL Completed

S.NO.	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	Mr. S. Narendra Kumar	MATLAB Programming for Numerical Computation	12 Weeks	Successfully Completed
2.	Ms. R. Anitha	The joy of computing using python	12 Weeks	Successfully Completed
3.	Dr. K. Varun Kumar	Foundation of Cloud IoT Edge ML	8 Weeks	Successfully Completed
4.	Mrs. B.R. Usha Rani	Advanced computer networks	12 Weeks	Elite
5.	Mrs. B R Usha Rani	Introduction to internet of things	12 Weeks	Elite + Silver
6.	Mr. P.C. Bharath Kumar	Introduction to IOT	12 Weeks	Elite + gold
7.	Dr.C.Kavitha	Introduction to IOT	12 Weeks	Elite + gold

## Papers Published

S. No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year
1	Dr. S. Sugumaran	Decoding Cardiovascular Risk: A Light bgm Approach To Identify Critical Health Factors	International Conference On Electronics And Renewable Systems

## Papers Presented

S.No.	Name of the Faculty and Designation	Title of the Paper	Name of the conference	International/National
1	Dr M Saravanan, Prof	Crop Health Identification Related Services	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
2	Mr. P C Bharath Kumar, Asst. Prof.	VLSI Design for AES Cryptography: Optimizing Encryption for Text And Image Data with Pipelined Architecture.	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international

3	Mr C Poornachandra, Asst. Prof.	Advancing Workplace Safety with IOT Enabled Industrial Monitoring	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
4	Dr. C. Kavitha, Assoc. Prof	Image Dehazing Using Gman Algorithm	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
5	Mr. K. M. Hemambaran, Asst. Prof.	Quantum Modular Multiplier Using QCLA	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
6	Mr. S Ashmad, Asst. Prof.	IOT Based Vehicle Tracking System and Theft Identification	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
7	Dr. Y. J. Nazeer Ahmed, Assoc. Prof	Design And Study of A Microstrip Patch Antenna for GPS Application	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
8	Ms. R. Anitha. Asst. Prof.	Low-Power Sensing Latch Design With Tri-State Operation For Improved Read Precision	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
9	Ms. M. Padma, Asst. Prof.	An IOT -Driver Solution For Women's Safety With Vital Sign Monitoring and Alerts	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
10	Mrs. V. G. Hamsaveni, Assoc. Prof	Differntiating Real And Synthetic Online Image Using Artificial Intelligence	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
11	Mrs. S. P. Sasirekha, Asst. Prof.	Image Caption Generator Using Deep Learning	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
12	Mrs. K Naveena, Asst. Prof.	Paddy Leaf Disease Detection Using Deep Learning	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international

13	Dr. S. Sugumaran, Assoc. Prof	A New Method for Automatic Vehicle License Plate Detection	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
14	Mrs. S P Sasirekha, Asst. Prof.	Satellite Based Landslide Prediction Using Convolutional Neural Network and Image Processing	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
15	Mr. S Narendra Kumar, Asst. Prof.	Real Time Stress Monitoring for Smart Factory Workers	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
16	Mr. S. Narendra Kumar, Asst. Prof.	Integrated Fog-Cloud Computing for Optimized SHM in Smart Infrastructure	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
17	Mrs. Geethanjali, Asst. Prof.	Real-Time Fault Diagnosis Of Photovoltaic Modules Using CNN Algorithm	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international
18	Mr. S Ashmad, Asst. Prof.	Advanced Underwater Image Restoration: Leveraging Variational Frameworks And Enhancement Techniques for Optimal Clarity	4th International Conference on ICAIES-2025, SITAMS, Chittoor	international

## FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr. K. Varunkumar, Assistant Professor	Emerging Nanoscale Semiconductor Technologies: Bridging Innovation to Application	NIT Raipur	10.04.2025 to 18.04.2025
2.	Dr. K. Varunkumar, Assistant Professor	Computational Intelligence for Signal Processing, Remote Sensing, and Radar Applications	VIT-AP University, Andhra Pradesh	01.05.2025 to 05.05.2025

# Students Achievements

## Students Toppers

The following is the list of Toppers for the academic year 2024-25 I semester.

Year	Reg No	Student Name	RANK
II ECE	23751A04A3	Vayavuri Hima Bindu	1
	24755A0457	S Geethanjali	1
	24755A0424	Kotte Saisree	2
	24755A0412	Derangula Mythil	3
III ECE	22751A0424	Chinta Sai Charan	1
	22751A0488	Nandarapu Lokesh	1
	22751A0439	J Sindhuja	2
	22751A0469	M.Sireesha	3
IV ECE	21751A0405	A Varsha	1
	21751A04E4	K Vinay Teja	2
	21751A04E1	V Kavya	3

## NPTEL Completed

S.NO.	REG.NO.	NAME OF THE STUDENT	COURSE NAME	NUMBER OF WEEKS	AWARD
1	23755A0423	Y.Gayathri	Introduction To Internet Of Things	12 Weeks	Successfully Completed
2	23755A0405	B.K.SUMANTH	Introduction to IOT	12 Weeks	Elite + Silver
3	22751A04D6	V.Pooja	Internet Of Things	12 Weeks	Elite
4	22751A04B4	R Dastagiri Reddy	Introduction of Embedded system	12 Weeks	Successfully Completed
5	24755A0464	SHEIK MOHAMMED SHOYAB BASHA	Programming in Java	12 Weeks	Elite
6	22751A0422	C.Manoj Kumar	Introduction to Internet of things	12 Weeks	Successfully Completed
7	22751A0422	C.Manoj Kumar	Privacy and security in online social media	12 Weeks	Successfully Completed
8	24755A0455	R.chinna ankarao	IOT	8 Weeks	Elite
9	22751A0439	J.Sindhuja	Introduction to Internet of Things	12 Weeks	Elite
10	22751A04B7	S.Gnanaprasanna	Electronic and communication engineering	12 Weeks	Successfully Completed

11	24755A0456	R.RAKESH	Embedded system design	12 Weeks	Successfully Completed
12	22751A04A1	Pandra Harathi	Introduction to Internet of things	12 Weeks	Elite
13	22751A0407	B kiran	Introduction to Internet of things	12 Weeks	Elite
14	23755A0423	Y.Gayathri	Introduction To Internet Of Things	12 Weeks	Elite
15	22751A0417	BUSIREDDY ESWAR REDDY	Introduction To Internet Of Things	12 Weeks	Elite
16	23755A0406	Bogathi krishna kumari	Embedded system	8 Weeks	Elite + Silver
17	24755A0457	S GEETHANJALI	Introduction to Internet of things	12 Weeks	Elite
18	24755A0426	Kaki Myagi	Electronic communication and engineering	12 Weeks	Successfully Completed
19	22751A0433	G Lakshmi Narayana	Introduction to IOT	12 Weeks	Elite
20	22751A0405	A SARATH KUMAR	Introduction to iot	12 Weeks	Elite
21	22751A0410	PRANEETH B	Introduction to IOT	12 Weeks	Elite
22	22751A0447	K Nithin Kumar	Introduction to IOT	12 Weeks	Elite
23	22751A0492	P kalpana	The joy of computing using python	12 Weeks	Successfully Completed
24	24755A0471	VAYALPAD INDUSREE	Introduction to internet of things	12 Weeks	Elite
25	22751A01484	N Durga prasad	Cloud computing	12 Weeks	Elite + Silver
26	22751A0424	C.Sai Charan	Internet of things (Iot)	12 Weeks	Elite + Silver
27	22751A0483	M.Charitha	VLSI physical design	12 Weeks	Successfully Completed
28	22751A04B1	Pujjalawar Sahil Narendra	Introduction to Internet of Things	12 Weeks	Elite
29	23755A0422	THOKALA MEGHAMALA	Internet Of Things(IOT)	12 Weeks	Elite
30	23755A0416	SANTHAPALLI LOKESWARI	Internet of things (IOT)	12 Weeks	Elite
31	22751A0468	M Sanjay	Digital VLSI Testing	8 Weeks	Successfully Completed
32	24755A0410	C V THARUN	The Joy of Computing using Python	12 Weeks	Successfully Completed
33	22751A04B2	Pulicherla Nandini	Internet of Things	12 Weeks	Elite
34	22751A04A9	P.LOHITHA	CMOS Digital VLSI Design	8 Weeks	Successfully Completed
35	22751A0466	M Praveen	vlsi testing	12 Weeks	Elite
36	21751A0444	G Bhagya Lakshmi	Cloud computing	12 Weeks	Successfully Completed
37	21751A04A7	R DEEPIKA	psychology of learning	12 Weeks	Elite + gold
38	21751A0418	Bodigandla Reddy Vallika	Introduction to Internet of Things	12 Weeks	Successfully Completed
39	21751A0407	A.Sahithya	Internet of things	12 Weeks	Successfully Completed

40	21751A0421	Bonga Teja	introduction to internet of things	12 Weeks	Successfully Completed
41	21751A0448	Guvvala Varunkumar Reddy	Internet of things	12 Weeks	Successfully Completed
42	22751A04A6	Pattan Fouziya	Vlsi physical design	12 Weeks	Elite
43	23755A0414	S Ashrath	IOT	12 Weeks	Successfully Completed
44	24755A0468	T Mahesh Babu	Programming in Java	12 Weeks	Elite
45	21751A0476	Manyam Sai Prasad Reddy	Analog circuits and systems	8 Weeks	Successfully Completed
46	22755A0421	T Sowkyavi	Data analytics with python	12 Weeks	Successfully Completed
47	22751A04E2	Yenneni Pravallika	Embedded System Design	12 Weeks	Successfully Completed
48	23755A0417	Shaik annes	Inspection & quality control	4 Weeks	Successfully Completed
49	22751A0470	M Surya kumar	Operations management	12 Weeks	Elite

# Department of Electrical and Electronics Engineering

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2025-26. I hope this will be continued further to improve the self-quality and department quality.



Dr. P. Sudheer HOD

### DEPARTMENT VISION

- ✦ To excel in the domains of electrical and electronics engineering through academic excellence,
- ✦ research innovation, actively addressing challenges, developing sustainable solutions, and
- ✦ making a Positive societal impact, with the aim of further strengthening research and promoting holistic development among students.

### DEPARTMENT MISSION

- ✦ Provide quality education and training in electrical and electronics engineering.
- ✦ Foster research and innovation in the field.
- ✦ Address real-world challenges with sustainable solutions.
- ✦ Promote holistic development and ethical values.
- ✦ Enhance industry collaborations and practical learning opportunities.

### Program Educational Objectives (PEO's)

PEO1: To cultivate graduates of the EEE program with a strong foundation in electrical and electronics engineering principles and practices, equipping them with the knowledge and skills necessary for successful careers or further studies in the field (Competent Professional)

PEO2: To develop graduates who can conduct research, innovate, and apply their knowledge effectively to address real-world challenges in electrical and electronics engineering, contributing to technological advancements and sustainable solutions (Innovative Engineers)

PEO3: To foster graduates who demonstrate professionalism, ethical conduct, leadership qualities, effective communication, and teamwork skills, enabling them to make a Positive societal impact, engage in lifelong learning, and adapt to the evolving needs of the industry. (Professionally Ethical and adaptable Leadership)

### Program Outcomes (PSOs)

PSO1: Graduates will demonstrate proficiency in applying electrical and electronics engineering principles and practices to design, analyze, and implement solutions in diverse application areas.

PSO2: Graduates will Possess research aptitude, innovation skills, and the ability to address real-world challenges by developing sustainable solutions in the field of electrical and electronics

## Events

### Guest lecture

A guest lecture titled "*Smart Grid Technologies: Advancements and Challenges*" was organized by the Department of Electrical and Electronics Engineering (EEE) in collaboration with the Institution's Innovation Council (Ministry of Education Initiative). The event focused on the significance of smart grid technologies in

modern power systems, emphasizing their role in powering the future with intelligence and sustainability. The lecture was delivered by **Mr. M.V. Mahesh Babu**, an Executive Engineer at the **400KV Substation, Kalikiri**. With his vast experience in the power sector, Mr. Mahesh Babu provided valuable insights into the advancements and challenges associated with smart grids.



Guest Lecture on *Smart Grid Technologies: Advancements and Challenges* conducted by EEE on 12th February 2025

## Seminar

The EEE and MECH, Institution's Innovation Council (IIC), Sreenivasa Institute of Technology and Management Studies (SITAMS), organized a seminar on **“Industry 4.0: Additive Manufacturing”** on **30 January 2025**. The session was delivered by **Mr. Jambeswar Sahu**, Associate Professor, School of Mechanical Engineering, **VIT University, Vellore**. The seminar focused on the role of additive manufacturing in Industry 4.0, its working principles, applications in modern manufacturing, and future career opportunities. The interactive session provided valuable insights into advanced manufacturing technologies and helped participants enhance their technical knowledge and skills.



Seminar on *Industry 4.0: Additive Manufacturing* organized by EEE&MECH held on 30 January 2025.

## Skill Enhancement Training Program

Department of EEE through the Institution's Innovation Council (IIC), organized a **Skill Enhancement Training Program** in association with **Daikin Airconditioning, Sri City** from **05 to 07 February 2025**. The program aimed at providing hands-on industry-oriented training in electrical and air-conditioning systems, bridging the

gap between academic learning and industrial practices. The program was coordinated by **Dr. V. Maheswari**, Skill Development Coordinator, with **Dr. S. Selvaganapathi** as Additional Coordinator, IIC Cell, and was organized under the guidance of **Dr. P. Sudheer, Professor & Head, Department of EEE, SITAMS**. The training enhanced students' practical skills and exposure to real-time industrial applications, contributing significantly to their professional development.



Skill Enhancement Training Program conducted in collaboration with Daikin, Sri City, from 05 to 07 February 2025.

## Online webinar

The Department of Electrical and Electronics Engineering, **Sreenivasa Institute of Technology and Management Studies (Autonomous)**, organized an **Online Webinar on SAP** on **19 April 2025** from **6:30 AM to 7:30 AM**. The session titled **“SAP Guru – Suresh: Introductory Session”** aimed to introduce students to SAP fundamentals and its relevance in industry and enterprise applications. The webinar provided participants with an overview of SAP, its core modules, career opportunities, and the importance of ERP systems in modern organizations. The program was organized under the guidance of **Dr. P. Sudheer, HOD–EEE**, and the leadership of **Dr. N. Venkatachalapathi, Principal, SITAMS**. The session was interactive and informative, benefiting students by enhancing their awareness of industry-oriented software tools.

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES(AUTONOMOUS)

ELECTRICAL AND ELECTRONICS ENGINEERING

**ONLINE WEBINAR**

19 April, 2025 6:30 - 07:30

Topic: SAP GURU-SURESH-INTRODUCTORY SESSION -Saturday@6.30am  
Time: Apr 19, 2025 06:30 AM India  
Join Zoom Meeting  
<https://us06web.zoom.us/j/81359316201?pwd=aKDNHkFkiuMplhA1faHKzth7FTL1>  
Meeting ID: 813 5931 6201  
Passcode: 287547

[www.sitams.org](http://www.sitams.org)

HOD/EEE  
DR.P.SUDHEER

PRINCIPAL  
DR.N.VENKATACHALAPATHI

JOIN US

SAP

## Hands on workshop

The Department of Electrical and Electronics Engineering, **Sreenivasa Institute of Technology and Management Studies (Autonomous)**, in association with **IEEE Communications Society** and the **Institution's**

**Innovation Council (IIC), organized a two-day Hands-on Workshop on “Electric Vehicles – Practical Insights & Applications” on 19th and 20th March 2025.**

The workshop was conducted by **Mr. P. Mohanavel**, Technical Advisor, **EV Nexus Pvt. Ltd., Chennai**, who provided practical training and industry-oriented insights into electric vehicle technologies. The sessions covered key aspects of EV systems, components, and real-time applications, enabling participants to gain hands-on experience and a deeper understanding of emerging EV technologies. The workshop was held at the **Mechanical Block – FM Lab** from **9:30 AM to 4:00 PM**. The program was coordinated by **Dr. S. Selvaganapathi** and **Mr. H. Balamurugan**, under the guidance of **Dr. P. Sudheer, HOD–EEE**, and **Dr. N. Venkatachalapathi, Principal, SITAMS**. The event greatly benefited students by enhancing their practical knowledge and readiness for careers in the electric vehicle domain.



Workshop on *Electric Vehicles – Practical Insights & Applications* organized by EEE, held on 19–20 March 2025.

## Appreciation for Students

The management of Sreenivasa Institute of Technology and Management Studies felicitated the students who demonstrated **outstanding performance in the CAD Point Examination**. In recognition of their excellence, dedication, and technical proficiency, the achievers were awarded **cash prizes** as a token of appreciation and encouragement. This recognition highlights the institute’s commitment to promoting academic excellence and motivating students to excel in competitive

and skill-based examinations. The achievement serves as an inspiration for fellow students to pursue continuous learning and strive for higher standards of success.



Management felicitating students for their outstanding performance in the CAD Point examination with cash prizes.

## Workshop

The Department of Electrical and Electronics Engineering, **Sreenivasa Institute of Technology and Management Studies (Autonomous), Chittoor**, organized a **One-Day National Level Workshop on “Renewable Energy: The Future of Sustainable Power Generation”** on **08 March 2025**. The workshop aimed to enhance awareness and technical knowledge on renewable energy resources, hybrid energy systems, and sustainable power generation practices among students and faculty members. The program was conducted under the leadership of **Mr. K. Ranganatham, Chairman**, with **Dr. N. Venkatachalapathi, Principal**, as Patron. The workshop was convened by **Dr. P. Sudheer, HOD–EEE**, and coordinated by **Mr. H. Balamurugan** and **Dr. S. Selvaganapathi**. Eminent resource persons shared insights on the design, development, and practical aspects of renewable energy technologies, highlighting their significance in India’s sustainable energy future. The workshop provided valuable exposure and contributed to strengthening the teaching–learning process and industry relevance of the curriculum.

## Student technical symposium

Sreenivasa Institute of Technology and Management Studies (Autonomous), Chittoor, organized a **Two-Day Student Symposium** on **21st and 22nd March 2025**, featuring a wide range of **technical, cultural, and sports events**. The symposium aimed to provide a common platform for students to showcase their technical knowledge, creativity, teamwork, and extracurricular talents.

**Day 1 (21.03.2025)** commenced with registration and inauguration, followed by technical events such as **Paper Presentation, Technical Quiz, Code/Circuit Debugging, Ad Zap, HR Manager, and Project Expo/Hackathon**, conducted at the department level. Cultural activities like singing added enthusiasm and student engagement to the day.

**Day 2 (22.03.2025)** focused on creative and fun events including **Drawing/Painting, Short Film, Photography, and Treasure Hunt**, culminating in the **Valedictory Function**. In addition, **sports events such as Shuttle Badminton and Basketball** were conducted over the two days, beginning immediately after the inaugural function.

The symposium successfully encouraged **innovation, technical competence, creativity, and sportsmanship** among students and provided an enriching academic and co-curricular experience



Two-day Student Symposium technical events organized at EEE/SITAMS on 21–22 March 2025.

## Farewell function

The Department of Electrical and Electronics Engineering, **Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor**, organized a **Farewell Function** on **24 April 2025 (Thursday)** at **4:00 PM** in the **Indoor Stadium, SITAMS**. The event was conducted to bid a warm and memorable farewell, celebrating togetherness, gratitude, and shared experiences within the department.

The evening featured **live music, entertainment programs, a gourmet buffet, photo booth activities, games, and prizes**, creating a joyful and festive atmosphere for students and faculty members. The farewell provided an opportunity to reflect on cherished memories, strengthen bonds, and wish success and happiness in future endeavors. The event concluded on a cheerful note, leaving lasting impressions and fond memories for all participants.



Farewell celebration organized by the Department of EEE, SITAMS, held on 24 April 2025

# Department of Civil Engineering

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2025-26. I hope this will be continued further to improve the self-quality and department quality.



Dr.N.Sathish Kumar HOD

### DEPARTMENT VISION

To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

### PROGRAM EDUCATIONAL OBJECTIVES

- ✦ PEO1: Have Professional competency through the application of knowledge gained from subjects like Mathematics, Physics, Chemistry, Inter-Disciplinary and core subjects like Manufacturing Engineering, Thermal Sciences, CAD/CAM and Design & Development. (Professional Competency).
- ✦ PEO2: Excel in one's career by critical thinking towards successful services and growth of the organization or as an entrepreneur or through higher studies. (Successful Career Goals).
- ✦ PEO3: Enhance knowledge by updating advanced technological concepts for facing the rapidly changing world and contribute to society through innovation and creativity. (Continuing Education and Contribution to Society).

### DEPARTMENT MISSION

Provide congenial academic ambience with necessary infrastructure and learning resources. Inculcate confidence to face and experience new challenges from industry and society.

Ignite the students to acquire self-reliance in State-of-the-Art Technologies

Foster Enterprising spirit among students

### PROGRAM SPECIFIC OUTCOMES

PSO1: Apply the knowledge obtained in core areas for the design, analysis and manufacturing of mechanical systems and processes.

PSO2: Exhibit novel concepts on product development with the help of modern CAD/CAM integration, while ensuring best manufacturing practices.

## Events

### Guest Lectures/Workshops/Webinars/Conferences/FDP organized

#### Industrial Tour

#### A Seminar on Additive Manufacturing

On 30th Jan 2025, a Seminar on "Additive Manufacturing" was organized by Department of Mechanical Engineering & Civil in Association with Institution's Innovation Council (IIC), SITAMS. Dr.Jambeswar Sahu, Associate Professor, School of Mechanical Engineering, Vellore Institute of Technology, Vellore, acted as a resource person for this event.

Speaker Details : Dr.Jambeswar Sahu, Associate Professor, School of Mechanical Engineering, Vellore Institute of Technology, Vellore.

Covenor : Mr.N.Sathish Kumar, HOD, Dept.of Mech.Engg. SITAMS.

Co-Covenor : Dr.P.Sudheer, HOD, Dept.of EEE. SITAMS.

**Coordinator** : Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**Co-Coordinator** : Mr.D.Raju, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**President IIC** : Dr. M. Saravanan, Professor, Academic Dean, SITAMS  
**Date** : 30-01-2025  
**Venue** : Mechanical Seminar Hall  
**Target Audience** : All the Mechanical Engineering & Civil Students.

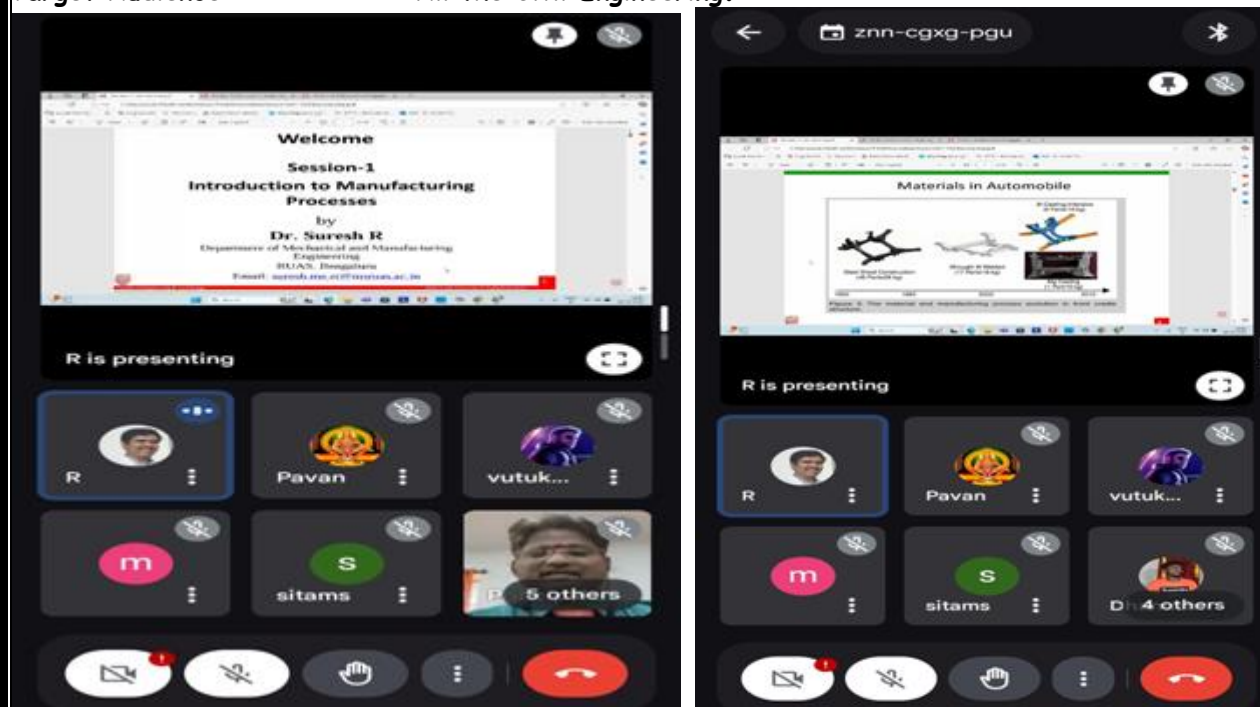


### A Seminar on Recent Advances in Welding Techniques

On 18th Feb 2025, a Seminar on “Recent Advances in Welding Techniques” was organized by Department of Mechanical Engineering in Association with Institution’s Innovation Council (IIC), SITAMS. Dr. Suresh R, Associate Professor, M.S. Ramaiah University of Applied Sciences, Bangalore acted as a resource person for this event.

**Speaker Details** : Dr.Suresh R Associate Professor, M.S. Ramaiah University of Applied Sciences, Bangalore.  
**Covenor** : Mr.N.Sathish Kumar, HOD, Dept.of Civil.Engg. SITAMS.  
**Coordinator** : Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**Co-Coordinator** : Mr.D.Raju, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**President IIC** : Dr. M. Saravanan, Professor, Academic Dean, SITAMS  
**Date** : 18-02-2025

Venue : Online  
Target Audience : All the Civil Engineering.



## A Seminar on Role of AI in Human Robot Interaction

On 21st Feb 2025, a Seminar on "Role of AI in Human Robot Interaction" was organized by Department of Mechanical Engineering & CSE (DS) in Association with Institution's Innovation Council (IIC), SITAMS. Dr.G.Kalaiarassan, Assistant Professor, School of Mechanical Engineering, Vellore Institute of Technology, Vellore, acted as a resource person for this event.

Speaker Details : Dr.G.Kalaiarassan,Assistant Professor, School of Mechanical Engineering,Vellore Institute of Technology, Vellore.

Covenor : Mr.N.Sathish Kumar, HOD, Dept.of Civil.Engg. SITAMS.

Co-Covenor : Mr.A.Sreenivasan, HOD, Dept.of CSD. SITAMS.

Coordinator : Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.

Co-Coordinator : Mr.B.Surya Prakash, Tecahing Assistant , Dept.of Mech.Engg. SITAMS.

President IIC : Dr. M. Saravanan, Professor, Academic Dean, SITAMS

Date : 21-02-2025

Venue : Sathya Kesav Gallery

Target Audience : All the Mechanical Engineering & Civil Students.



### **A Guest Lecture on Smart Grid Technologies: Advancements and Challenges**

On 12th Feb 2025, a Guest Lecture on "Smart Grid Technologies: Advancements and Challenges" was organized by Department of Mechanical Engineering & EEE in Association with Institution's Innovation Council (IIC), SITAMS. Mr.M.V.Mahesh Babu, Executive Engineer, 400KV, Substation, Kalikiri, acted as a resource person for this event.

Speaker Details	: Mr.M.V.Mahesh Babu, Executive Engineer, 400KV, Substation, Kalikiri
Covenor	: Mr.N.Sathish Kumar, HOD, Dept.of Mech.Engg. SITAMS.
Covenor	: Dr.P.Sudheer, HOD, Dept.of EEE. SITAMS.
Coordinator	: Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.

**Coordinator** : Mr.D.Raju, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**President IIC** : Dr. M. Saravanan, Professor, Academic Dean, SITAMS  
**Date** : 12-02-2025  
**Venue** : Mechanical Seminar Hall  
**Target Audience** : All the Mechanical Engineering & Civil Students.



## National Service Scheme(NSS)

The NSS wing of SITAMS comprises 100 volunteers (Unit-I), among 50 active volunteers. NSS wing of SITAMS organized regular and Special Campaign activities. The volunteers are trained for a social platform to realize their responsibilities in bringing a mightier India and to train others in key objectives of NSS. Various events were conducted during the past 20 years and a quantum of output was received in terms of awareness and services.

**SREENIVASA INSTITUTE OF TECHNOLOGY AND  
 MANAGEMENT STUDIES**  
**WORLD CANCER DAY**



World Cancer Day (04-02-2025)

**SREENIVASA INSTITUTE OF TECHNOLOGY AND  
 MANAGEMENT STUDIES**  
**WORLD RADIO DAY**

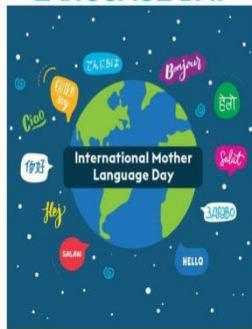


World Radio Day (13-02-2025)

**SREENIVASA INSTITUTE OF TECHNOLOGY AND  
MANAGEMENT STUDIES**



**INTERNATIONAL MOTHER  
LANGUAGE DAY**

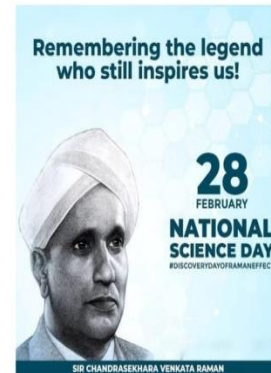


**International Mother Language Day (21-02-2025)**

**SREENIVASA INSTITUTE OF TECHNOLOGY AND  
MANAGEMENT STUDIES**



**NATIONAL SCIENCE DAY**



**National Science Day (28-02-2025)**

**NSS SPECIAL CAMP (18-03-2025 TO 24-03-2025)**



**Rainwater Harvesting(18-03-2025)**



**Report on Planting Tree Saplings(19-03-2025)**



**Awareness about Drinking, Smoking, AIDS, Snakebite and Organic Farming(20-03-2025)**



**Literacy campaigning, cleaning schools, and Temple premises at the village(21-03-2025)**



Promote national integration through democratic living and cooperative action(22-03-2025)

Blood Identification Camp(23-03-2025)

## Faculty Achievements

### Papers Published

S. No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year
1	Mrs. k. Suma Latha	THE BEHAVIOR OF R.C.C HIGH RISE BUILDINGS, UNDER EARTHQUAKE LOAD BY ADOPTING LINEAR DYNAMIC ANALYSIS	international journal of scientific Engineering and technology Research, ISSN2319-8885, Volume no.05, issue No.31, October 2016.this issue published by the IJSETR

### FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Mrs. K. Sumalatha Assistant professor	Sustainable and cutting-Edge Technologies in civil engineering	Department of civil engineering and school of Architecture & planning Lingaya's Vidyapeeth (Deemed university under section 3 of UGC act 1956, Government of India Nachauli, jasana road, old Faridabad-121002, Haryana	21-01-2025 To 29-01-2025
2.	Mrs. K. Sumalatha Assistant professor	CEMENT CHEMISTRY AND SUSTAINABLE CEMENTITIOUS MATERIALS (edx course)	Edx course(completed)	14-02-2025 To 25-02-2025
3.	Mrs. K. Sumalatha Assistant professor	Drinking water treatment (edx course)	Edx course(completed)	24-04-2025 To 05-05-2025

# Students Achievements

## Students Toppers

Year	Reg No	Student Name	RANK
CIVIL, II YEAR	24755A0101	M.VISHNU VARDHAN	I
CIVIL, III YEAR	22751A0101	K. BHAVYA	I
CIVIL, IV YEAR	21751A0101	K. BHARAT KUMAR	I

# Department of Mechanical Engineering

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2024-25. I hope this will be continued further to improve the self-quality and department quality.



Dr.N.Satish Kumar,  
HOD (Mech)

### COLLEGE VISION

- ✦ To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

### DEPARTMENT VISION

- ✦ To contribute for the society through excellence in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with a deep passion for wisdom, culture and values.

### COLLEGE MISSION

- ✦ Provide congenial academic ambience with state-of-art of resources for learning and research.
- ✦ Ignite the students to acquire self reliance in the latest technologies.
- ✦ Unleash and encourage the innate potential and creativity of students.
- ✦ Inculcate confidence to face and experience new challenges.
- ✦ Foster enterprising spirit among students.
- ✦ Work collaboratively with technical Institutes / Universities / Industries of National and International repute.

### DEPARTMENT MISSION

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

## Events

### Guest Lectures/Workshops/Webinars/Conferences/FDP organized

### Industrial Tour

### A Seminar on Additive Manufacturing

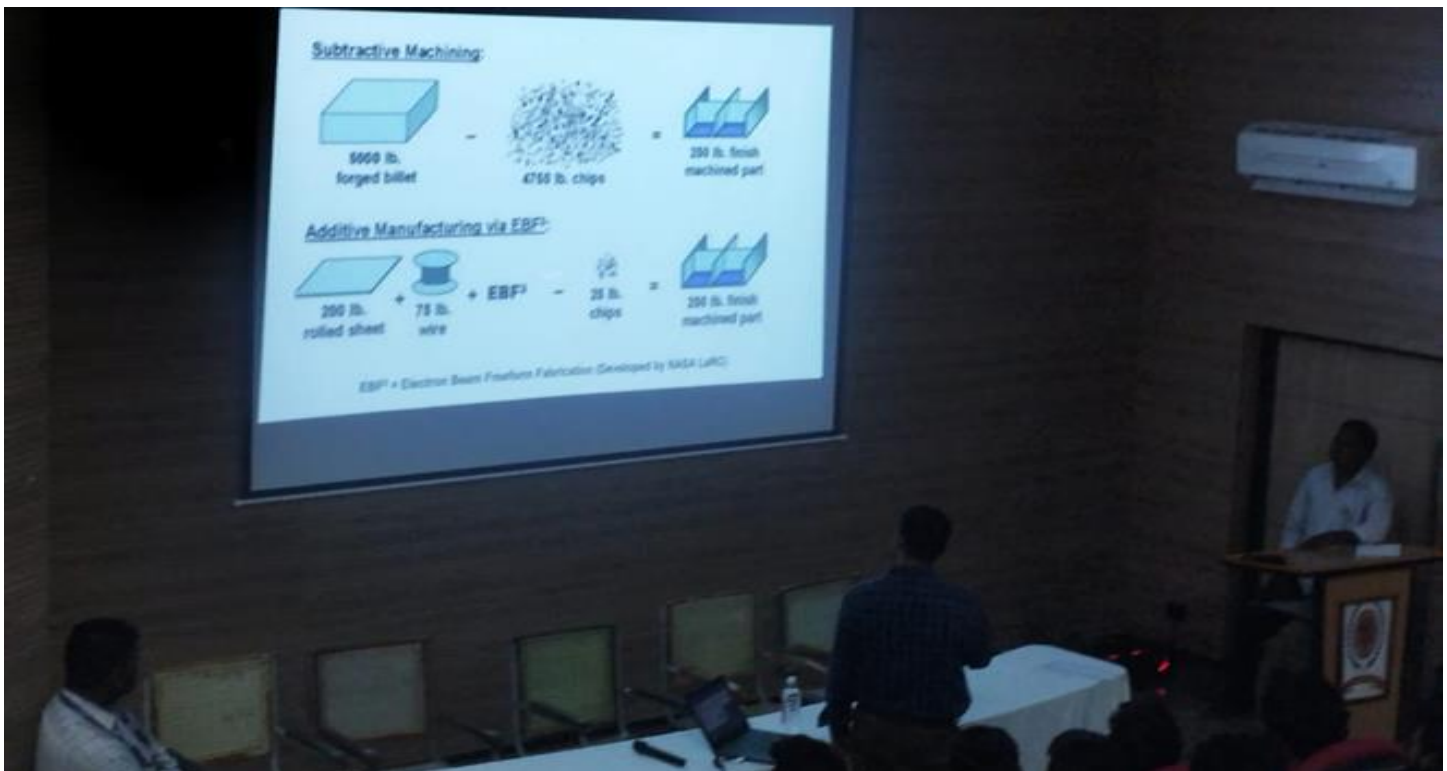
On 30th Jan 2025, a Seminar on “Additive Manufacturing” was organized by Department of Mechanical Engineering & EEE in Association with Institution’s Innovation Council (IIC), SITAMS. **Dr.Jambeswar Sahu**, Associate Professor, School of Mechanical Engineering, **Vellore Institute of Technology**, Vellore, acted as a resource person for this event.

#### Speaker Details

: Dr.Jambeswar Sahu,

Associate Professor, School of Mechanical Engineering, Vellore Institute of Technology,  
Vellore.

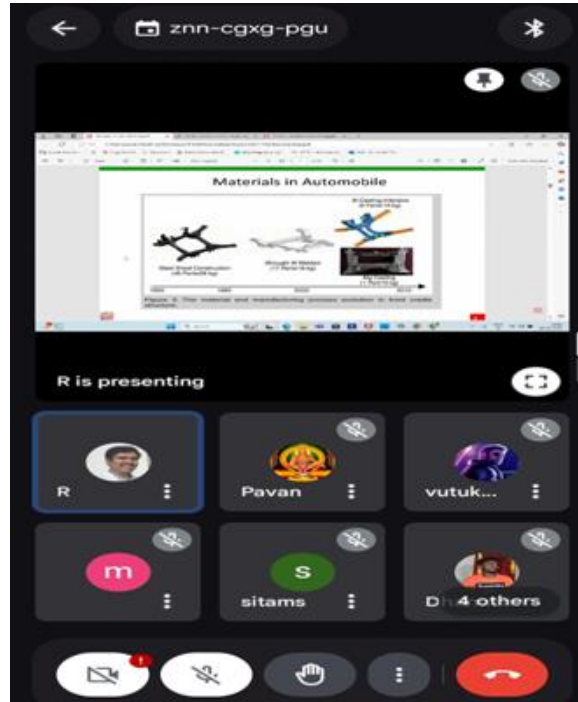
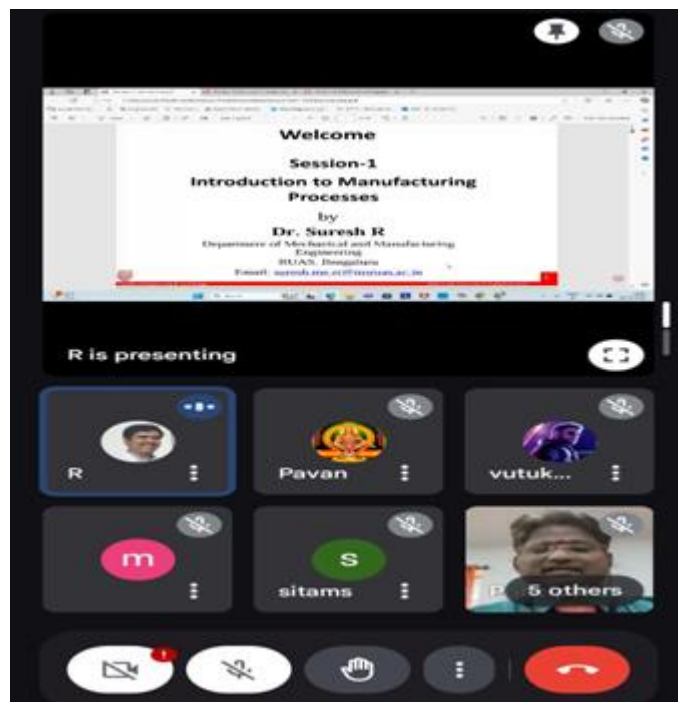
**Covenor** : Mr.N.Sathish Kumar, HOD, Dept.of Mech.Engg. SITAMS.  
**Co-Covenor** : Dr.P.Sudheer, HOD, Dept.of EEE. SITAMS.  
**Coordinator** : Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**Co-Coordinator** : Mr.D.Raju, Assistant Professor, Dept.of Mech.Engg. SITAMS.  
**President IIC** : Dr. M. Saravanan, Professor, Academic Dean, SITAMS  
**Date** : 30-01-2025  
**Venue** : Mechanical Seminar Hall  
**Target Audience** : All the Mechanical Engineering & EEE Students.



## A Seminar on Recent Advances in Welding Techniques

On **18th Feb 2025**, a Seminar on “**Recent Advances in Welding Techniques**” was organized by Department of Mechanical Engineering in Association with Institution’s Innovation Council (IIC), SITAMS. **Dr. Suresh R**, Associate Professor, **M.S. Ramaiah University of Applied Sciences**, Bangalore acted as a resource person for this event.

<b>Speaker Details</b>	: Dr.Suresh R Associate Professor, M.S. Ramaiah University of Applied Sciences, Bangalore.
<b>Covonor</b>	: Mr.N.Sathish Kumar, HOD, Dept.of Mech.Engg. SITAMS.
<b>Coordinator</b>	: Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.
<b>Co-Coordinator</b>	: Mr.D.Raju, Assistant Professor, Dept.of Mech.Engg. SITAMS.
<b>President IIC</b>	: Dr. M. Saravanan, Professor, Academic Dean, SITAMS
<b>Date</b>	: 18-02-2025
<b>Venue</b>	: Online
<b>Target Audience</b>	: All the Mechanical Engineering.



## A Seminar on Role of AI in Human Robot Interaction

On **21st Feb 2025**, a Seminar on “**Role of AI in Human Robot Interaction**” was organized by Department of Mechanical Engineering & CSE (DS) in Association with Institution’s Innovation Council (IIC), SITAMS. **Dr.G.Kalaiarassan**, Assistant Professor, School of Mechanical Engineering, **Vellore Institute of Technology**, Vellore, acted as a resource person for this event.

<b>Speaker Details</b>	: Dr.G.Kalaiarassan, Assistant Professor, School of Mechanical Engineering, Vellore Institute of Technology, Vellore.
<b>Covonor</b>	: Mr.N.Sathish Kumar, HOD, Dept.of Mech.Engg. SITAMS.

**Co-Covenor** : Mr.A.Sreenivasan, HOD, Dept.of CSD. SITAMS.

**Coordinator** : Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.

**Co-Coordinator** : Mr.B.Surya Prakash, Tecahing Assistant , Dept.of Mech.Engg. SITAMS.

**President IIC** : Dr. M. Saravanan, Professor, Academic Dean, SITAMS

**Date** : 21-02-2025

**Venue** : Sathya Kesav Gallery

**Target Audience** : All the Mechanical Engineering & CSD Students.



# A Guest Lecture on Smart Grid Technologies: Advancements and Challenges

On 12th Feb 2025, a Guest Lecture on “Smart Grid Technologies: Advancements and Challenges” was organized by Department of Mechanical Engineering & EEE in Association with Institution’s Innovation Council (IIC), SITAMS. Mr.M.V.Mahesh Babu, Executive Engineer, 400KV, Substation, Kalikiri, acted as a resource person for this event.

<b>Speaker Details</b>	: Mr.M.V.Mahesh Babu, Executive Engineer, 400KV, Substation, Kalikiri
<b>Covenor</b>	: Mr.N.Sathish Kumar, HOD, Dept.of Mech.Engg. SITAMS.
<b>Covenor</b>	: Dr.P.Sudheer, HOD, Dept.of EEE. SITAMS.
<b>Coordinator</b>	: Mr.M.Yugandhar, Assistant Professor, Dept.of Mech.Engg. SITAMS.
<b>Coordinator</b>	: Mr.D.Raju, Assistant Professor, Dept.of Mech.Engg. SITAMS.
<b>President IIC</b>	: Dr. M. Saravanan, Professor, Academic Dean, SITAMS
<b>Date</b>	: 12-02-2025
<b>Venue</b>	: Mechanical Seminar Hall
<b>Target Audience</b>	: All the Mechanical Engineering & EEE Students.

## Faculty Achievements

### NPTEL Completed

S.NO.	NAME OF THE FACULTY	COURSE NAME	NUMBER OF WEEKS	AWARD
1.	Dr. N Sathish Kumar	Introduction to Internet of Things	12 Weeks	Elite
2.	Mr. R Satheesh	Software Testing	4 Weeks	Completed
3.	Mrs. K. Santhosh Priya	Software Testing	4 Weeks	Completed
4.	Mrs. K. Santhosh Priya	Introduction to Internet of Things	12 Weeks	Elite

### FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr. N.Sathish Kumar Associate professor	Sustainable Practices in Teaching-Learning and Content Creation	VIT-AP University	25 <sup>th</sup> -29 <sup>th</sup> March 2025
2.	Dr. N.Sathish Kumar Associate professor	Sustainability and Research in modern Mechanical Engineering	Madanapalle Institute of Technology & Science , AP	2 <sup>nd</sup> – 6 <sup>th</sup> June 2025

3.	Mr. D. Raju Assistant professor	Sustainability and Research in modern Mechanical Engineering	Madanapalle Institute of Technology & Science , AP	2 <sup>nd</sup> – 6 <sup>th</sup> June 2025
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## Students Achievements

### Students Toppers

The following is the list of Toppers for the academic year 2024-25 II semester.

Year	Reg No	Student Name	RANK
MECH I YEAR	24751A0302	K.JEREMIAH	I
	24751A0305	M.PRABHAS	II
	24751A0309	S.MUSKHAN DAWOOD	III
MECH II YEAR	23751A0305	SHAIK MUBARAK	I
	23751A0306	V TEJOMURTHY	II
	23751A0304	S JAFAR	III
MECH III YEAR	23755A0301	K M MOHAMMED YOUSUF	I
	23755A0302	S DHANUSH	II

# Department of Science and Humanities

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2024-25. I hope this will be continued further to improve the self-quality and department quality.



Dr.U. Balakrishna,  
HOD (S&H)

## Events

### Guest Lectures/Workshops/Webinars/Conferences/FDP organized

#### NPTEL

S. No	Name of the Faculty	Course Name	Number of Weeks	Award
1	Dr. M. Dhamodhara Naidu	Artificial Intelligence: Concepts and Techniques	12 Weeks	Elite
2.	Dr. P. Madhu Mohan Reddy	Introduction to Quantum Computing: Quantum Algorithms and Quiskit	3 Weeks	--

#### Papers Published

S. No	Name of the Faculty	Title of the paper	Name of the Journal & Vol., Issue, Month & Year	
1.	Dr.U. Balakrishna	Exact Lexicographic Scheduling For Sales Force Optimization With Facility Constraints	Journal of Neonatal Surgery ISSN(Online): 2226-0439 Vol. 14, Issue 15s (2025)	Scopus
2	Dr.U. Balakrishna	Solving k-city multiple travelling salesman using genetic algorithm	IAES International Journal of Artificial Intelligence (IJ-AI) Vol. 14, No. 4, August 2025, pp. 2741~2752 ISSN: 2252-8938, DOI: 10.11591/ijai.v14.i4.pp2741-2752	Scopus
3	Dr. P. Madhu Mohan Reddy	Higher Dimensional P - Path Route Minimum Distance Supply To The Destinations From The Central Station	Journal of Neonatal Surgery ISSN(Online): 2226-0439 Vol. 14, Issue 29s (2025) <a href="https://www.jneonatalurg.com">https://www.jneonatalurg.com</a>	Scopus

## Book Chapters Published

S. No	Name of the Faculty	Title of the paper	Name of the Journal & Vol., Issue, Month & Year
1	Dr. M. Dhamodhara Naidu	Introduction to photovoltaics: Principles, materials and devices	1st Edition, ISBN 9781041077046 550 Pages 158 B/W Illustrations March 12, 2026 by CRC Press
2	Dr. P. Madhu Mohan Reddy	A Variant Multi Objective TSP Model	South Asian Academic Publications, ISBN: 978-93-92153-91-4, pages:88, 2025

## FDPs/Workshops/Webinars Attended

S.No	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr. M. Dhamodhara Naidu Associate Professor	Artificial Intelligence: Concepts and Techniques	IIT Madras	July-Oct 2025
2.	Dr. R. Kodandan Associate Professor	10 Days International FDP on Transforming Research into Quality Publication: Tools, Techniques and Practices	Annamacharya University	30,Oct 2025 to 8, Nov 2025
3	Dr. R. Kodandan Associate Professor	4 <sup>th</sup> International Conference on Advances And Innovation In Engineering and Sciences(Approximations of QD and QA functional equations)	SITAMS	25 <sup>th</sup> April 2025
4	Dr. R. Kodandan Associate Professor	FDP on Next Generation Research: Integrating Mathematics with Artificial Intelligence	Presidency University, Bengaluru	December/17-22/ 2025
5	Dr. R. Kodandan Associate Professor	Paper presentation in national Virtual Conference "Ulam-Hyers stability of a New Multiplicative inverse Cubic functional equation"	Vemu Institute of Technology, Chittoor	February 27&28, 2025
6.	Dr. M. Dhamodhara Naidu Associate Professor	One Day Faculty Workshop on "Quantum Technologies"	JNTUA, Anantapuramu	12/08/2025
7	A.Poojitha Reddy Assistant Professor	FDP on Next Generation Research: Integrating Mathematics with Artificial Intelligence	Presidency University, Bengaluru	December/17-22/ 2025
8	A.Poojitha Reddy Assistant Professor	One Day National Online workshop on Writing Proposal for funded projects	Global Research & Training Centre	26/04/2025
9	A.Poojitha Reddy Assistant Professor	Participated in 40 hours online FDP on AI & ML applications for Next Generation Engineers	Rajyalakshmi Engineering College, Chennai	19-29/05/2025

10	P. Radhiga Assistant Professor	FDP on Next Generation Research: Integrating Mathematics with Artificial Intelligence	Presidency University, Bengaluru	December/17- 22/ 2025
11	Karani Rasi Assistant Professor	Pedagogical Approaches to IKS Integration as per NEP 2020	ACT Academy, Kerala	23/04/2025
12	Karani Rasi Assistant Professor	One Day National free e- Workshop on Introduction to Latex: A powerful tools for Scientific Writing	ACT Academy, Kerala	04/03/2025
13	Karani Rasi Assistant Professor	Participated in International Seminar on Current Trends in Chemical Sciences (CTCS-2025)	Bhatter College, Dantan, West Bengal	19/12/2025
14	Koneru Ranya Assistant Professor	10 Days International FDP on Transforming Research into Quality Publication: Tools, Techniques and Practices	Annamacharya University	30,Oct 2025 to 8, Nov 2025
15	Dr. V. Kalaivani Associate Professor	One Day National level Research e- Workshop on AI and ICT tools used on Research Methodology	ACT Academy, Kerala	09/10/2025
16	Dr. V. Kalaivani Associate Professor	Two Weeks National Level Workshop on Advanced Level Microsoft Office	ESSGEE DIGISKILLS	25/10/2025 to 10/11/2025
17	Dr. P. Madhu Mohan Reddy Associate Professor	FDP on Introduction to Quantum Computing: Quantum Algorithms and Quiskit	Iit Madras	Jul-Aug 2025
18	Dr. P. Madhu Mohan Reddy Associate Professor	FDP on QT-05 Quantum Computation	ICT Academy, MNIT Jaypur and APSCHE	Dec 08 - 31/2025
19	Dr. P. Madhu Mohan Reddy Associate Professor	National Conference on Mathematics and Engineering Applications-2025 presented a paper on “A variant Multi Objective Bulk Transportation Problem”	Sri Venkateswara University, Tirupati	22-24/12/2025
20	Dr. H. Umamaheswari Professor	10 Days International FDP on Transforming Research into Quality Publication: Tools, Techniques and Practices	Annamacharya University	30,Oct 2025 to 8, Nov 2025
21	Dr. H. Umamaheswari Professor	FDP on 3D Printing and Post Processing Techniques	Vemu Institute of Technology	10-15/11/2025
22	Dr. H. Umamaheswari Professor	One week National level online FDP Holistic Research Skill Development for Achieving SDGs with Indian Knowledge System: Model Building to Publication and Funding	S. A. School of Management, Poolnamalle, Avadi road, TN	17-23/11/2025
23	Dr. H. Umamaheswari Professor	Webinar on IPR in Academia: Patent Opportunities, Challeges and Best practices	Nehru Institute of Information Technology and Management, Coimbatore	07/11/2025
24	Dr. H. Umamaheswari Professor	University Teacher Awards-2025, JNTUA	JNTUA, Anantapuramu	11/11/2025
25	Dr. H. Umamaheswari Professor	Participated as Delegate in 10 <sup>Th</sup> International Conference on Human Values in Higher Education-2025	AICTE, SRM,AKGEC and UHV foundation	19 <sup>Th</sup> to 21 <sup>st</sup> /12/2025

# Department of Management Studies

## HOD'S MESSAGE

I thank all the faculties and students who participated in the events in the academic year 2024-25. I hope this will be continued further to improve the self-quality and department quality.



Dr. Jyoshna .C

### DEPARTMENT VISION

- ✦ To become center of Excellence for Educating Management Students as Leaders of Tomorrow.

### DEPARTMENT MISSION

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources.
- ✦ Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self-reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

### PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

PEO1: Have in-depth knowledge through life-long learning to conceptualize, critically analyze and add value in the areas of business management.

PEO2: Have lateral thinking enabling simple solutions for complex managerial problems.

PEO3: Ignite the passion for entrepreneurship.

PEO4: Inculcate a spirit of ethical and social commitment in the personal and professional life and to add value to the society.

## Events

### Industrial Tour

The MBA students participated in an Industrial Visit to **Tirumala Milk Products**. The visit provided valuable insights into the dairy manufacturing process, quality control measures, supply chain logistics, and marketing strategies employed in the dairy industry. The company's team shared their expert knowledge, addressed students' queries, and offered practical guidance on industry operations. The visit effectively bridged theoretical concepts with real-world applications, enriching the students' understanding of the functioning of a leading dairy enterprise.



**Co-ordinates: Dr. H. Viswa Kiran,**  
Professor

**Mr. A.Y. Vinay Sajeew Kumar,**  
Assistant Professor



**Mr. S.L. Sai Venkat,**  
Assistant Professor

**Mrs. T. Yamini,**  
Assistant Professor

The MBA students participated in an Industrial Visit to **Jain Farm Fresh Foods Limited**. The visit offered insightful exposure to food processing technologies, supply chain practices, quality assurance systems, and the company's innovative approach to agri-business. The team at Jain Farm Fresh shared their expertise, answered students' questions, and provided valuable practical knowledge about the food and agribusiness sector. This visit helped students connect academic concepts with real-world industrial practices, deepening their understanding of operations in the food processing industry

**Co-ordinates: Ms. P. Akshada,**  
Assistant Professor

**Mr. A. Y. Vinay Sajeew Kumar,**  
Assistant Professor

## Faculty Achievements

### Events organized

S.NO.	Event Name	Faculty Name	Event Stage	Number OfParticipants	Date
1.	IGNITE 2K25	Mr S.L. SaiVenkat, Mr A.Y. VinaySajeew Kumar , MS. P. Akshada	National Level	150	28.03.2025
2.	Budget 2K25	Mrs G. S. Sobha, Mr K. Suresh, Mr R. Vinodh Kumar	College – Wide	144	06.03.2025

### NPTEL Completed

S.NO.	NAME	Course	Duration
1.	<b>Mrs T. Yamini,</b> Assistant professor	AI in Human Resource Management	12 Weeks

## Conference Attended

S. No	Name of the Faculty	Title of the paper presented	Name of the Conference	Date
1.	Dr.Jyoshna.C	The power of social media influencers: Examining their impact on today's buying decisions	National conference on Emerging technologies, business sustainable innovation business practices	2nd& 3rd, April, 2025
2.	T. Yamini	The power of social media influencers: Examining their impact on today's buying decisions	National conference on Emerging technologies , business sustainable innovation business practices	2nd& 3rd, April, 2025

## PAPER PUBLICATIONS

S. No.	Name of the Faculty and Designation	Title of the Paper	Name of the Journal & Vol., Issue, Month & Year	Date
1.	Dr.Jyoshna. C	Navigating Ethical Leadership: Mitigating Employment Cynicism and Enhancing Organisational Integrity in Tech-Driven Sectors	IGI Global Scientific Publishing (SCOPUS INDEXED), ISBN: 9798369364376, PG No.:33-53	2/1/2025

## FDPs/Workshops/Webinars Attended

S.No.	Name of the Faculty and Designation	Particulars of the program	Organizer details	Date
1.	Dr.Jyoshna. C	Business Analytics	Skilldzire	17-03-2025 to 31-03-2025
2.	Dr. H. ViswaKiran	Business Analytics	Skilldzire	17-03-2025 to 31-03-2025
3.	Dr. R. Priyadharsini	Business Analytics	Skilldzire	17-03-2025 to 31-03-2025
4.	Mrs. T. Yamini	Business Analytics	Skilldzire	17-03-2025 to 31-03-2025

5.	Ms. P. Akshada	HR Management	Skilldzire	17-03-2025 to 31-03-2025
6.	Mr. A. Y. VinaySajeev Kumar	Digital Marketing	Skilldzire	17-03-2025 to 31-03-2026
7.	Mr. .S.L. SaiVenkat	Digital Marketing	Skilldzire	17-03-2025 to 31-03-2025
8.	Dr. K. Sudarsan	The Trainers Program on Entrepreneurship and Venture creation	Wadhvani Foundation – JNTUA	13.05.2025 to 17.05.2026
9.	Mr. A. Y. VinaySajeev Kumar	The Trainers Program on Entrepreneurship and Venture creation	Wadhvani Foundation – JNTUA-SVCE,TPT	13.05.2025 to 17.05.2026
10.	Mr. R. Vinodh Kumar	The Trainers Program on Entrepreneurship and Venture creation	Wadhvani Foundation – JNTUA-SVCE,TPT	13.05.2025 to 17.05.2027
11.	Mr. K. Suresh	The Trainers Program on Entrepreneurship and Venture creation	Wadhvani Foundation – JNTUA-SVCE,TPT	13.05.2025 to 17.05.2028
12.	Dr.Jyoshna. c	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025- 30.03.2025
13.	Dr. R. Priyadharsini	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025- 30.03.2026
14.	Mrs.G.S.Shobha	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025- 30.03.2027
15.	Mrs. T. Yamini	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025- 30.03.2028

16.	Mr. S.L. SaiVenkat	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025-30.03.2029
17.	Mr. A.Y. VinaySajeev Kumar	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025-30.03.2030
18.	Mr. P. Akshada	FDP on Emergent Pedagogies for Instructional innovation in Education	Prathusha Engineering college	24.03.2025-30.03.2031

## Farewell Day



# Student Achievement

S.No	roll numbers	Students Name	Sports Played	Year	Achievement
1	23751E0012	K.Teja	Cricket	II MBA & I MBA	Semi Finalist
2	24751E0001	A JAGADEESWAR			Semi Finalist
3	24751E0002	B HEMANTH			Semi Finalist
4	24751E0005	J MONISH			Semi Finalist
5	24751E0008	K CHARAN KUMAR			Semi Finalist
6	24751E0011	MUDUJUTLA CHANUKYA			Semi Finalist
7	24751E0012	NARAGINTI DIWAKAR			Semi Finalist
8	24751E0013	P S SAI SATHVIK			Semi Finalist
9	24751E0014	PUTHALAPATTU YASWANTH			Semi Finalist
10	24751E0015	RAMINENI JYOTHEESWAR NAIDU			Semi Finalist
11	24751E0016	SADHU DILEEP			Semi Finalist
12	24751E0019	SHAIK NISAR			Semi Finalist
13	24751E0021	T LEELA KUMAR			Semi Finalist
14	24751E0022	UTUKURU PAVANKUMAR			Semi Finalist
15	24751E0024	V Ashok			Semi Finalist
16	24751E0024	V Ashok	volleyball	I MBA	Participated
17	24751E0016	SADHU DILEEP			Participated

18	24751E0005	J MONISH			Participated
19	24751E0021	T LEELA KUMAR			Participated
20	24751E0002	B HEMANTH			Participated
21	24751E0008	K CHARAN KUMAR			Participated
22	24751E0013	P S SAI SATHVIK			Participated
23	24751E0016	SADHU DILEEP			Participated
24	24751E0024	V Ashok			Participated
25	24751E0015	RAMINENI JYOTHEESWAR NAIDU			Participated
26	24751E0021	T LEELA KUMAR			Participated
27	24751E0008	K CHARAN KUMAR			Participated
28	24751E0012	NARAGINTI DIWAKAR			Participated
29	24751E0014	PUTHALAPATTU YASWANTH			Participated
30	24751E0018	SHAIK KHADER BASHA			Participated
31	24751E0016	SADHU DILEEP			Participated
32	24751E0024	V Ashok			Participated
33	24751E0013	P S SAI SATHVIK			Participated
34	24751E0001	A JAGADEESWAR			Participated
35	24751E0019	SHAIK NISAR			Participated
36	24751E0008	K CHARAN KUMAR			Participated
37	24751E0014	PUTHALAPATTU YASWANTH			Participated
38	24751E0022	UTUKURU PAVANKUMAR			Participated
			Kabaddi	I MBA	
			Basketball	I MBA	

39	24751E0006	JONNAGURAKALA MRUKITHA	Shot put - Girls	I MBA	Participated
40	24751E0009	K.HEMA SREE			Participated
41	24751E0017	SHAIK AYESHA			Participated
42	24751E0020	T ABINAYA			Participated
43	24751E0001	A JAGADEESWAR	Running Race	I MBA	Participated
44	24751E0009	K.HEMA SREE	Shuttle Doubs	I MBA	Participated
45	24751E0020	T ABINAYA			Participated

## Paper Presented

S. No.	Paper ID	Name of the Student	Title of the Paper	Conference details	Achievement
1	ICAIES2K25-MBA01	Salomon Raj Jhansi	A STUDY ON FINANCIAL STATEMENT ANALYSIS OF NATIONAL INSURANCE COMPANY LIMITED BY USING RATIO ANALYSIS	25th April 2025	Participants
2	ICAIES2K25-MBA02	R V Sneha	A STUDY ON FINANCIAL PERFORMANCE OF MANAPPURAM FINANCE LIMITED BY USING RATIO ANALYSIS	25th April 2025	Participants
3	ICAIES2K25-MBA03	PokalaSai Kumar	A STUDY ON RISK AND RETURN ANALYSIS AT SHRIRAM INSIGHT STOCK BROKERAGE LTD	25th April 2025	Participants
4	ICAIES2K25-MBA04	M.Yasaswini	FINANCIAL PERFORMANCE OF NIC LTD	25th April 2025	Participants
5	ICAIES2K25-MBA05	Mr.V.VishnuVardhan	FINANCIAL PERFORMANCE OF TATA CONSULTANCY SERVICES	25th April 2025	Participants
6	ICAIES2K25-MBA06	P Sreelatha	PERFORMANCE APPRAISAL ITS IMPACT ON EMPLOYEE SATISFACTION IN TASA FOODS PRIVATE LIMITED	25th April 2025	Participants

7	ICAIES2K25-MBA07	Nagamudu Kumar	TRAINING AND DEVELOPMENT AND ITS IMPACT ON EMPLOYEE PRODUCTIVITY	25th April 2025	Participants
8	ICAIES2K25-MBA08	C.Roshini	A STUDY ON TRAINING AND DEVELOPMENT AND ITS IMPACTS ON JOB SATISFACTION	25th April 2025	Participants
9	ICAIES2K25-MBA09	C.Nethra	QUALITY OF WORK LIFE AND ITS IMPACT ON JOB SATISFACTION	25th April 2025	Participants
10	ICAIES2K25-MBA10	V K Muthukumaran	CUSTOMER SATISFACTION ON SERVICE PROVIDED BY MANAPPURAM FINANCE LIMITED	25th April 2025	Participants
11	ICAIES2K25-MBA11	S.Tharun Kumar	CONSUMER PURCHASE BEHAVIOUR ON RAJSAN DEVELOPMENT PVT.LTD	25th April 2025	Participants
12	ICAIES2K25-MBA12	S.Sai Kumar	FACTORS INFLUENCING PURCHASE INTENTION IN NATIONAL INSURANCE COMPANY	25th April 2025	Participants
13	ICAIES2K25-MBA13	P.Vishnupriya	IMPACT OF CONSUMER PERCEPTION ON CONSUMER EXPERIENCE IN THEJES DAIRY PRODUCTS	25th April 2025	Participants
14	ICAIES2K25-MBA14	P.Madan Kumar	IMPACT OF PERCEIVED QUALITY ON BUYING BEHAVIOUR TOWARDS HEALTH INSURANCE POLICY FOR NATIONAL INSURANCE COMPANY LTD	25th April 2025	Participants
15	ICAIES2K25-MBA15	P.ReddyDattaSai	IMPACT OF PROMOTONAL STRATEGIES ON CONSUMER BUYING BEHAVIOR IN AVENZES BIO FORMLATIONS	25th April 2025	Winner
16	ICAIES2K25-MBA16	ElakatturuDillibabu	THE IMPACT OF AWARENESS AND PERCEPTIONS ON BUYING BEHAVIOUR OF LIFE INSURANCE	25th April 2025	Participants
17	ICAIES2K25-MBA17	A Jayanthi	A STUDY ON FINANCIAL FORECASTING OF TASA FOODS PVT LTD	25th April 2025	Participants
18	ICAIES2K25-MBA18	A.Subramanyam	THE IMPACT OF CASH FLOW ON THE PROFITABILITY OF RMM FOOD PRODUCTS PVT LTD	25th April 2025	Participants
19	ICAIES2K25-MBA19	KamatamPawan Kumar	A STUDY ON EFFECTIVENESS OF PRODUCT MIX ON CONSUMER SATISFACTION TOWARDS SHIVASHAKTHI DAIRY	25th April 2025	Participants
20	ICAIES2K25-MBA20	MittapalleSahithi	A STUDY ON PROMOTIONAL STRATEGIES ON CONSUMER	25th April 2025	Participants

			PERCEPTION TOWARDS THEJES DAIRY		
21	ICAIES2K25-MBA21	M GiriBabu	IMPACT OF WORKING CAPITAL MANAGEMENT ON PROFITABILITY IN UNION BANK OF INDIA	25th April 2025	Participants
22	ICAIES2K25-MBA22	K. Theja	A STUDY ON EFFECT OF MARKETING STRATEGY IN DETERMINING CONSUMER PURCHASE BEHAVIOUR	25th April 2025	Participants
23	ICAIES2K25-MBA23	K. Tharun	A STUDY ON CONSUMER PREFERENCES AND PURCHASE BEHAVIOUR INTENTIONS FOR VALLABHA DAIRY	25th April 2025	Participants
24	ICAIES2K25-MBA24	G. Nishanth	IMPACT OF ADVERTISING ON CONSUMER PURCHASE BEHAVIOR FOR MANAPPURAM FINANCE LIMITED	25th April 2025	Participants
25	ICAIES2K25-MBA25	AlliMuthuLavanya	A STUDY ON IMPACT OF WORKING CAPITAL MANAGEMENT ON FIRM'S PROFITABILITY IN INDIAN BANK	25th April 2025	Participants
26	ICAIES2K25-MBA26	KuppanPooja	A STUDY ON IMPACT OF WORKING CAPITAL MANAGEMENT ON FIRM'S PROFITABILITY FOOD&INN'S PVT.LTD , CHITTOOR	25th April 2025	Participants
27	ICAIES2K25-MBA27	E Deepthi	PROFITABILITY AND LIQUIDITY ASSESSMENT USING FINANCIAL RATIOS	25th April 2025	Participants
28	ICAIES2K25-MBA28	GandhudiHemavathi	A STUDY ON FINANCIAL RATIO ANALYSIS	25th April 2025	Participants
29	ICAIES2K25-MBA29	M.D.Vamsi	A STUDY ON AFFECT OF CAPITAL STRUCTURE ON FIRM VALUE ON AMARA RAJA ENERGY AND MOBILITY LIMITED	25th April 2025	Winner
30	ICAIES2K25-MBA30	N.Giri	IMPACT OF OPERATIONAL EFFICIENCY ON FINANCIAL PERFORMANCE ON APSPDCL	25th April 2025	Participants

# Students Toppers

The following is the list of Toppers for the academic year 2024-25 semesters.

S. No	Roll Number	Name of the Students	SGPA	Rank
I MBA	24751E0015	RAMINENI JYOTHEESWAR NAIDU	9.55	1
I SEM	24751E0019	SHAIK NISAR	9.23	2
	24751E0014	PUTHALAPATTU YASWANTH	9.23	3

Year	Roll Number	Name of the Students	SGPA	Rank
II MBA II SEM	23751E0007	E. Deepthi	9.45	1
	23751E0027	P. VISHNUPRIYA	9.27	2
	23751E0034	S.JHANSI	9.09	3

S.NO	ROLL NUMBER	NAME OF THE STUDENT	SGPA	Rank
II MBA	23751E0007	E. Deepthi	9.14	1
	23751E0027	P. VISHNUPRIYA	9.04	2
I SEM	23751E0017	M D VAMSI	8.71	3

# Department of MCA

I extend my heartfelt thanks to all the faculty members and students for their unwavering support and dedicated efforts toward the growth and development of the department. On this special occasion, I also congratulate the entire editorial team for their commendable work in presenting this issue with clarity and excellence



**Dr. R. Saraswathi**  
HOD

## **COLLEGE VISION**

- ✦ To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

## **DEPARTMENT VISION**

- ✦ To become a center of excellence of skilled software professionals in Computer Applications

## **COLLEGE MISSION**

- ✦ Provide congenial academic ambience with state-of-art of resources for learning and research.
- ✦ Ignite the students to acquire self reliance in the latest technologies.
- ✦ Unleash and encourage the innate potential and creativity of students.
- ✦ Inculcate confidence to face and experience new challenges.
- ✦ Foster enterprising spirit among students.
- ✦ Work collaboratively with technical Institutes / Universities / Industries of National and International repute.

## **DEPARTMENT MISSION**

- ✦ Provide congenial academic ambience with necessary infrastructure and learning resources. Inculcate confidence to face and experience new challenges from industry and society.
- ✦ Ignite the students to acquire self reliance in State-of-the-Art Technologies
- ✦ Foster Enterprising spirit among students

## FACULTY ACHIEVEMENTS (Jan'25 – June'25)

### Faculty NPTEL Courses

S.NO	Name of the Faculty	Course Name	Number of Weeks	Award
1.	Dr. R. Saraswathi	Python for Data Science	4 Weeks	Elite
2.	Dr. R. Saraswathi	Introduction to IOT	12 Weeks	Gold
3.	Mrs. R. Padmaja	Database Management systems	8 Weeks	-

### Faculty Development Program's Attended

S.NO	Name of the Faculty	FDP Description	No.of days
1.	Dr. R. Saraswathi	Faculty Development Program on <b>"Python for Data Science"</b> By NPTEL from Jan-Feb 2025	4 Weeks
2.	Dr. R. Saraswathi	Faculty Development Program on <b>"Introduction to IOT"</b> By NPTEL from Jan- April 2025	12 weeks
3.	Dr. R. Saraswathi	A FDP on <b>"Emergent Pedagogies for Instructional Innovation in Education"</b> from 24 <sup>th</sup> March to 30 <sup>th</sup> March 2025 by Prathyusha Engineering College	7 Days
4.	Mrs. R. Padmaja	Faculty Development Program on <b>"Database Management system"</b> By NPTEL from Jan-Mar 2025	8 Weeks
5.	Mr. N. P. Gangadhar	A FDP on <b>"Gen-AI &amp; Chat GPT Application in the Industry"</b> from 27th Jan-31st Jan by Bharti Vidyapeet College of Eng. Collaboration with ExcelR Edtech Pvt Ltd	5 days
6.	Mr. N. P. Gangadhar	A FDP on <b>"Block Chain &amp; Web 3"</b> from 10-03-2025 to 17-03-2025 by Sri Siddhartha Institute of Technology ,SSAHE	5 days
7.	Ms. D. Revathi	A FDP on <b>"AI Agents" B</b> from 12th May to 16th May 2025 by EXCEL R Edtech Pvt Ltd	6 days

## Workshop's/Seminar's Organized

Date of the Event	Title of the Event	Resource Person	Type of the Event	Convenor	Co-ordinator
08.02.25	Innovative Project Development: A hands-on training	DR. S. Selvakani, Assistant Professor&HOD,Dept. of CS, Gov. Arts &Science college	Workshop	Dr. R. Saraswathi, Associate Professor & HOD, MCA Department	Mr. A. Srinivasan, Associate Professor & HOD, CDS Department
22.02.25	A Hands-on Workshop on Introduction to Apache Spark	Dr. T. Vivekanandan, Associate Professor, Apollo University Chittoor	Workshop	Dr. R. Saraswathi, Associate Professor & HOD, MCA Department	Mr. A. Srinivasan, Associate Professor & HOD, CDS Department
08-03-25	A Hands-on Workshop on FullStack Web Development with Node JS and React JS Report	Mr. M.Prakash, Mr.P.Mohan Babu, Mr.P.Bhanu Prasad (Alumni)	Workshop	Mrs. R. Padmaja, Assistant Professor, MCA Department	Mr. J. Pavan Sai, Assistant Professor, MCA Department
06-03-25	Fundamentals at AWS Cloud	Dr. B Vishnu Vardhan, Sree Vidyanikethan Engineering College, Tirupathi	Seminar	Dr. R. Saraswathi, Associate Professor & HOD, MCA Department	Mrs. R. Padmaja, Assistant Professor, MCA Department

## Workshops/Seminars Attended

S.NO	Name of the Faculty	Number of Events
1	Dr. R. Saraswathi, Professor & HOD	4
2	Mrs. R. Padmaja, Assistant Professor	4
3	Mr. J. Pavan Sai, Assistant Professor	4
4	Mr. N. P. Gangadhar, Assistant Professor	4
5	Ms. D. Revathi, Assistant Professor	4

## Participated/Presented Papers in Conference

S.NO	Title of the Paper	Author Name	Date	Name of the Conference
1	Smart Silent Modes Witching on Android Devices Based on GPS Location and Altitude Data	Dr. R. Saraswathi	25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
2	Duplicate Title Detection System For Project Management		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
3	Freshers's Zone-The Art of Job Search		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
4	Smart Farming System Using Fedarated Learning		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
5	Streamlined Certificate Creation And Management System For Bulk Operations		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
6	Improving Semantic Image Synthesis With Class-Adaptive Cross-Attention		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
7	Online Recruitment Fraud (or) Detection Using BERT and Roberta Techniques		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
8	Improved License Plate Detection Using Attention-Based Deep Learning		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
9	Automated Detection of Violence In Cartoon Movies Using Neural Network	Mrs. R. Padmaja, Ms. D. Revathi	25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
10	Pasa: Enhancing Academic Paper Search With LLMS		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
11	Privacy Preserving Loan Defaulter Prediction Using Federated Learning		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
12	Bagging Ensemble Model to Automatically Detect Student's Engagement During Online Learning		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
13	The Future Of Fashion Fitting:High Detail Virtual Try-Ons		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
14	Rewriting Text With Privacy:The Role Of Noise		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
15	Predicting SOH of Battery Energy System In Electric Vehicle By Using Light GBM		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
16	Robust Identify Verification Using Partial Fingerprints Alignment		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
17	Ensemble Learning For Software Bug Prediction:The Impact of Hyper Parameters Optimization	Mr. J. PavanSai	25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
18	Automated Selection of Data Augmentation Techniques For Imbalanced Time Series Using Machine Learning		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor

19	Predicting Model of Vehicle Co2 Emissions Using Machine Learning Techniques		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	
20	Flow Logue:Text-To-Dialogue With Structured Flow		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	
21	Strengthening Alumni Connections:Aweb-Based Collaboration Platform		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	
22	Latent Diffusion-Based Speech-To-Lip Synchronization Framework		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	
23	Automating And Enhancing Presentations With Ai		25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	
24	Ai-Powered Legal Document Analysis And Summarisation System		Mr. N. P. Gangadhar	25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
25	Adaptive Traffic Signre Cognition Under Extreme Weather Condition			25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
26	Separable Warping For Accurate Facial Image Modification			25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
27	Janusflow: Integrating Autoregression And Rectified Flow For Multimodal Intelligence			25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
28	Enhancing SQL Query Generation With DEEPSTOCHLOG			25 <sup>th</sup> April 2025	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
29	Multilingual Speech Recognition Using Deep Transfer Learning	25 <sup>th</sup> April 2025		4rth International Conference on ICAIES-2025, SITAMS, Chittoor	
30	Deep Learing-Based Recognition of Teacher and Student Activities In The Smart Classroom	25 <sup>th</sup> April 2025		4rth International Conference on ICAIES-2025, SITAMS, Chittoor	

## Best Paper Awards

S.NO	Name of the Faculty	No. of Best Papers	Title of the Paper	Name of the Conference
1	Dr. R. Saraswathi, Professor & HOD	1	Enhancing SQL Query Generation With DEEPSTOCHLOG	4rth International Conference on ICAIES-2025, SITAMS, Chittoor
		1	Freshers's Zone-The Art of Job Search	

## List of Publication in Journals/ Books

S.No	Name of the Faculty	Title of paper	Name of the Journal	Year of publication	ISSN No.
1	Dr. R. Saraswathi	Enhanced Cardiovascular Monitoring Using Radial Basis Function and Deep Belief Network Fusion	ANGIOTHERAPY	JUL 2024	2207-8843
2	Mrs. R. Padmaja	Fed-DPSDG-WGAN:Differentially Private Synthetic Data Generation for Loan Default Prediction via Federated Wasserstein GAN	IEEE ACCESS	18 March 2025	2169-3536

## List of Faculty Presented in Conference

Name of the Title and Conference Details	Faculty name	Date(s)	Organized by	ISSBN No.	National Conference/International Conference
Early Prediction of Parkinson's Disease with Machine Learning: A KNN Approach	Dr. R. Saraswathi	14-05-25 to 16-05-25	IEEE CIS R P Sarathy Institute of Technology	1979-8-3315-3518-6	International Conference
RIM-SMPC:ReInforced Mondrian in Secure Multi-Party Computation for Privacy-Preserved Credit Risk Assessment	Mrs. R. Padmaja	Access 2025 on 11 <sup>th</sup> to 13 <sup>th</sup> June 2025	Access 2025 Adi Shankara Institute of Eng. & Tech.	-	International Conference

## STUDENTS ACHIEVEMENTS (Jan '25 - June'25)

### Online Courses

S.NO	Certification Course	I MCA & II MCA
1	NPTEL	28

Roll. No.	Name of the Student	Name of the Course	Organizer	Duration
23751F0017	MARASANI NAGA VENI	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
23751F0012	K.MOUNIKA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0001	A KEERTHI	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks

24751F0003	A.MOUNIKA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0005	B.M.NAVEEN REDDY	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0007	BUCHIREDDIGARI ESWAR REDDY	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0008	C.SANDEEP	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0011	D DHARANI KUMAR	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0012	E MOHANRAJ	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0014	G.DURGESH	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0015	K MOHITH	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0016	K.PAVAN KUMAR	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0018	M ESHITHA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0019	M FARHATHSAKINA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0020	M THEJA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0021	MUTHIREVULA VIDYA DEEPTHI	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0022	N HEMANTH	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0023	N MOSINAZ	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0024	P A LAVANYA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0025	P.DHANUSH KUMAR	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0027	PALAKUNTA BHARGAVI	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0028	PASUPULETI MOUNIKA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0030	PUTTI SUDHEER	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0031	PUTTI SUMANTH	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0032	R SESHADRI	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks

24751F0033	R.GIRIDHAR	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0035	S AFREED	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks
24751F0036	S HARI PRIYA	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks

### Papers Presented in Inter /Intra College Conference

S.NO	Name of the Conference	Date	No. of Students
1	4rth International Conference on ICAIES- 2025, SITAMS, Chittoor	25th April 2025	30

### Workshop's/Seminar's Attended

Date of the Event	Title of the Event	No. of Students
08.02.25	Innovative Project Development: A hands-on training	60
22.02.25	A Hands-on Workshop on Introduction to Apache Spark	140
08-03-25	A Hands-on Workshop on Full Stack Web Development with Node JS and React JS Report	61
06-03-25	Fundamentals at AWS Cloud	60

### List of Students Undergoing Internship

S. No	Roll Number	Name Of The Student	Company Name	Internship Certificate Name	Duration
1	23751f0001	A Mounika	Nativesofttech	Python Developer Intern	1 Month
2	23751f0002	A Yaswanth	Nativesofttech	Python Developer Intern	1 Month
3	23751f0004	Bandi Ravi Theja	Nativesofttech	Python Developer Intern	1 Month
4	23751f0005	N R Calebrenswick	Nativesofttech	Python Developer Intern	1 Month
5	23751f0006	G Haripriya	Nativesofttech	Python Developer Intern	1 Month
6	23751f0007	G Jayasree	Nativesofttech	Python Developer Intern	1 Month
7	23751f0008	G Jyoshna	Nativesofttech	Python Developer Intern	1 Month
8	23751f0010	Hayathbaig Rizwanbaig	Nativesofttech	Python Developer Intern	1 Month

		Varshiya			
9	23751f0011	J Kishwanth	Nativesofttech	Python Developer Intern	1 Month
10	23751f0013	K Saritha	Nativesofttech	Python Developer Intern	1 Month
11	23751f0014	Kalepalli Kusuma	Nativesofttech	Python Developer Intern	1 Month
12	23751f0015	Kothapalem Chaithanya Kumar	Nativesofttech	Python Developer Intern	1 Month
13	23751f0016	M Rajesh	Nativesofttech	Python Developer Intern	1 Month
14	23751f0017	Marasani Nagaveni	Nativesofttech	Python Developer Intern	1 Month
15	23751f0018	Muddangala Guna Teja	Nativesofttech	Python Developer Intern	1 Month
16	23751f0019	N Rohini	Nativesofttech	Python Developer Intern	1 Month
17	23751f0020	N Sai Kumar	Nativesofttech	Python Developer Intern	1 Month
18	23751f0021	N Vignesh	Nativesofttech	Artificial Intelligence Intern	1 Month
19	23751f0022	Nimmakayala Jayaprakash	Nativesofttech	Python Developer Intern	1 Month
20	23751f0023	P Girija	Nativesofttech	Android Developer Intern	1 Month
21	23751f0024	P Godhavari	Nativesofttech	Python Developer Intern	1 Month
22	23751f0025	P Harika	Nativesofttech	Python Developer Intern	1 Month
23	23751f0027	P Yaswanth	Nativesofttech	Python Developer Intern	1 Month
24	23751f0028	R Udaykiran	Nativesofttech	Python Developer Intern	1 Month
25	23751f0029	R V Indumathi	Nativesofttech	Python Developer Intern	1 Month
26	23751f0030	S Madhumitha	Nativesofttech	Python Developer Intern	1 Month
27	23751f0031	S Sasikiran	Nativesofttech	Python Developer Intern	1 Month
28	23751f0034	Sudileti Hema	Nativesofttech	Python Developer Intern	1 Month
29	23751f0036	V Vishnu Priya	Nativesofttech	Python Developer Intern	1 Month
30	23751f0037	Vaddani Jaswanth	Nativesofttech	Web Developer Intern	1 Month

## Academic Excellence

S.NO	Name of the Student	CGPA	Place
<b>II MCA</b>			
1	MS. G. JYOSHNA	9.41	FIRST
2	MS. K. KUSUMA	9.39	SECOND
3	MR.M.RAJESH	9.32	THIRD
<b>I MCA</b>			
4	MS. P. A. LAVANYA	9.36	FIRST
5	MS. A. KEERTHI	8.86	SECOND
6	MR. B. ESWAR REDDY	8.86	SECOND
7	MS. M. SAKINA	8.71	THIRD

## Co-Curricular Acheivements

S.NO	Name of the Student	Title of the Paper	Name of the Conference	
1	Mr. M. Rajesh	Enhancing SQL Query Generation With DEEPSTOCHLOG	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	Best Paper Award
2	Mr. S. Sasi Kiran	Freshers's Zone-The Art of Job Search	4rth International Conference on ICAIES-2025, SITAMS, Chittoor	

## Extra-Curricular Achievements

### Volleyball (10.03.2025)

Name	Class	Status
A.YASWANTH	II MCA & II Semester	Participated
KOTHAPALYAM. CHAITHANYA KUMAR	II MCA & II Semester	Participated
NIMMAKAYALA. JAYAPRAKASH	II MCA & II Semester	Participated
VADDANI. JASWANTH	II MCA & II Semester	Participated
B.M.NAVEEN REDDY	I MCA & II Semester	Participated
M THEJA	I MCA & II Semester	Participated
PUTTI SUDHEER	I MCA & II Semester	Participated
R SESHADRI	I MCA & II Semester	Participated
K.PAVAN KUMAR	I MCA & II Semester	Participated
E MOHANRAJ	I MCA & II Semester	Participated

### Kabaddi (03.03.2025)

Name	Class	Status
A.YASWANTH	II MCA & II Semester	Participated
CALEB RENSWICK N R	II MCA & II Semester	Participated
KOTHAPALYAM. CHAITHANYA KUMAR	II MCA & II Semester	Participated
N.VIGNESH	II MCA & II Semester	Participated
NIMMAKAYALA. JAYAPRAKASH	II MCA & II Semester	Participated
S SASI KIRAN	II MCA & II Semester	Participated
VADDANI. JASWANTH	II MCA & II Semester	Participated
B.M.NAVEEN REDDY	I MCA & II Semester	Participated
M THEJA	I MCA & II Semester	Participated
R SESHADRI	I MCA & II Semester	Participated
R.GIRIDHAR	I MCA & II Semester	Participated

### Running Race (19.03.2025)

Name	Class	Status
R SESHADRI	I MCA & II Semester	Participated

### Basketball (03.02.2025)

Name	Class	Status
A.YASWANTH	II MCA & II Semester	Participated
N SAI KUMAR	II MCA & II Semester	Participated
N.VIGNESH	II MCA & II Semester	Participated
NIMMAKAYALA. JAYAPRAKASH	II MCA & II Semester	Participated
VADDANI. JASWANTH	II MCA & II Semester	Participated
R SESHADRI	I MCA & II Semester	Participated
PUTTI SUDHEER	I MCA & II Semester	Participated
N HEMANTH	I MCA & II Semester	Participated
M THEJA	I MCA & II Semester	Participated

### Shot Put (20.03.2025)

Name	Class	Status
E MOHANRAJ	I MCA & II Semester	Participated
PUTTI SUMANTH	I MCA & II Semester	Participated
R.GIRIDHAR	I MCA & II Semester	Participated

**Shuttle Singles (20.03.2025)**

Name	Class	Status
V.VISHNU PRIYA	II MCA & II Semester	Participated
P.HARIKA	II MCA & II Semester	Participated
H R VARSHIYA	II MCA & II Semester	Participated

**Shuttle Doubles (25.03.2025)**

Name	Class	Status
V.VISHNU PRIYA	II MCA & II Semester	Participated
P.HARIKA	II MCA & II Semester	Participated

**Shot Put - Girls (20.03.2025)**

Name	Class	Status
A KEERTHI	I MCA & II Semester	Participated
A.MOUNIKA	I MCA & II Semester	Participated
S HARI PRIYA	I MCA & II Semester	Participated
K.MOUNIKA	I MCA & II Semester	Participated

**Tennikoit (06.03.2025)**

Name	Class	Status
MARASANI NAGAVENI	I MCA & II Semester	Participated
SUDILETI. HEMA	I MCA & II Semester	Participated

**NSS Activity**

Date	Title	No. of Students Attended
27.08.2024	Peaceful Protest Rally on Kolkata's Incident	30 (All II-MCA)

## Freshers Day celebrations

We celebrated Fresher's Day on 04-01-2025 in the MCA Department Seminar Hall. We invited Sri K.Ranganatham Garu, Chairman; Dr.K.L.Narayana Garu, Academic Advisor; Dr.N.Venkatachalapathi Principal; Dr.M.Saravanan Dean-Academics; and Dr.N.Samba Siva Rao Dean (R&D) of SITAMS as Guest of Honour.

The Fresher's Day celebration was organized to welcome the new batch of students and help them integrate into the college community. The event aimed to foster a sense of belonging and camaraderie among them.

### **The event highlights are as follows:**

- **The event commenced** with an inaugural ceremony graced by the presence of the Chairman, Principal, dignitaries, HODs, and faculty members.
- **A lamp-lighting ceremony** was conducted to invoke the blessings of the Almighty.
- **This was followed by students showcasing** their talents through various cultural performances, including dance, music, and drama.
- **Fun games and interactive sessions** were organized to encourage participation and foster connections among students."

Delicious refreshments were served to all attendees, adding to the festive ambiance of the event. Finally, the Fresher's Day celebration was a grand success, leaving everyone with cherished memories. The event not only provided a platform for students to showcase their talents but also helped them build lasting friendships. The infectious energy and enthusiasm of the students made the event truly memorable.





## Sankranthi Sambaralu

Sankranthi Sambaralu was celebrated at SITAMS on 09-01-2025 with festive spirit and enthusiasm. Students participated in various events and received prizes for their performances.



## A Hands-on Workshop on Innovative Project Development

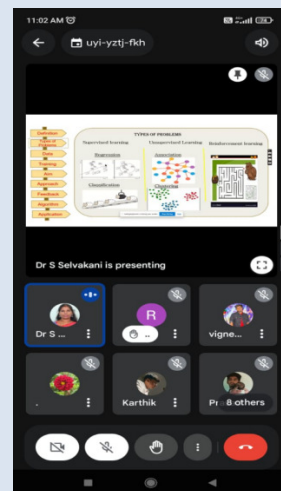
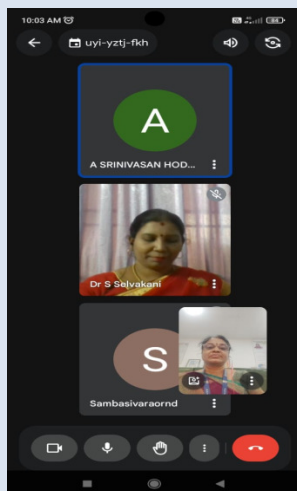
The Department of MCA & CSE-DS organized a one-day workshop on the topic “**Innovative Project Development: A hands-on training**” (Platform- Google Meet) on 08-02-2025 at 409-Seminar Hall, MCA Block. Dr.R.Saraswathi, Head, MCA Department welcomed the gathering. Mr.A.Srinivasan, Head, Department of CSE-DS inaugurated and Dr.N.Venkatachalapathi, Principal, presided over the function. About 145 students and the faculty members belonging to the streams MCA and CSE-DS participated in it and benefited by this program. Dr.S.Selvakani, Assistant Professor & HOD, Department of CS, Government Arts & Science college, Arakkonam was invited as the resource person and they delivered a lecture.

The introductory session was conducted by the speaker, who provided students with guidance on developing innovative projects and offered practical insights.

**Some of the key topics covered in the workshop included:**

- Introduction to Innovation
- Project Planning and Management
- Prototyping and Testing
- Execution & Agile Methodologies
- Case Studies
- Hands-on Workshop
- Future Trends

At last, Ms.S.Hema of the second-year MCA delivered the vote of thanks. Finally, the program concluded with a valedictory session in the presence of all participants, respected dignitaries, staff, and coordinating members.





## A Hands-on Workshop on Introduction to Apache Spark

The Department of MCA & CSE-DS organized a one-day workshop on the topic **“Introduction to Apache Spark”** on 22-02-2025 at Sathya kesava Gallery SITAMS. Dr.N.Venkatachalapathi Principal and Dr.M.Saravanan Dean-Academics inaugurated and presided over the function. Mr.A.Srinivasan Head of CSE-DS and Dr.R.Saraswathi Head, Department of MCA welcomed the gathering and introduced the Chief Guest Dr.T.Vivekanandan, Associate Professor, Apollo University-Chittoor (AP), was the resource person and delivered a lecture.

The introductory session was conducted by the speaker. In this session, students were given guidance on the following topics: Introduction, Core Features of Apache, Components of Apache Spark, Key Concepts, Industry Adoption, Case Studies, Hands-on Workshop, and Future Trends.

Finally, the program concluded with a valedictory session, which was held in the presence of all the participants, respected dignitaries, staff, and coordinating members.



## **A Hands-on Workshop on Full Stack Web Development with Node JS and React JS**

A One Day hands-on workshop on “**Full Stack Web Development with Node JS and React JS**” is organized by Tech Thinkers Association, MCA Department in Association with IIC cell , Sreenivasa Institute of Technology and Management Studies, Chittoor on 08-03-2025 at Lab-I in Computer Block. The Workshop was inaugurated by Dr.N.Venkatachalapathi Garu, Principal, SITAMS.

The Session is given by Mr.M.Prakash, Sr. Software Engineer, Exafluence, Tirupati, Mr.P.Mohan Babu, Analyst Software Engineer, Annalect India Omnicom Group Media Services Pvt Limited and Mr.P.Bhanu Prasad, SAP BO Developer at Tata Consultancy Services .

A "Hands-on Workshop on Full Stack Development with Node.js and React.js" is to provide participants with practical experience in building modern web applications.

### **Topics Covered in this Workshop are**

- Introduction to Full Stack Development Technologies
- React JS benefits
- How to process server side logic using Node JS
- Connecting to MongoDB.
- A small web application with User Interface Design, Server side logic processing and Database

### **Objective of the Workshop**

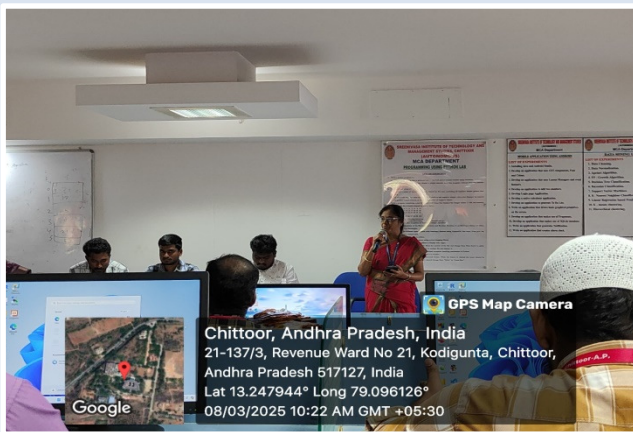
- Understanding Basic Full stack Development Technologies, .
- To guide participants through the process of building a functional, albeit basic, full-stack application from start to finish.
- To provide skills that are highly in demand in the current web development industry.
- To teach the attendees how to debug and solve common problems that appear during the full stack development process

### **Expected Outcomes of the Workshop**

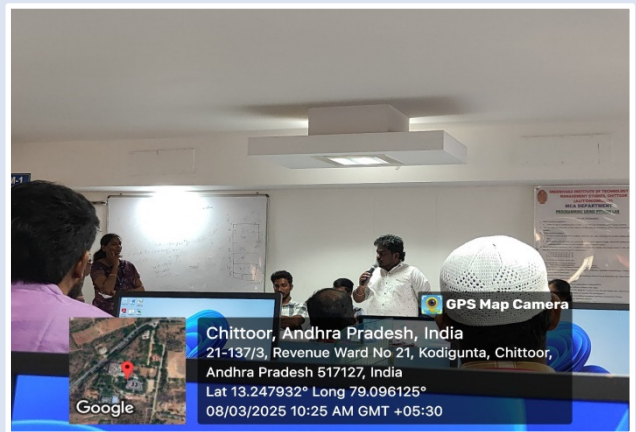
- Participants will understand the fundamental architecture of a full-stack web application.
- They will grasp the roles of Node.js and React.js in the full-stack context.
- They will understand how data flows between the front-end and back-end.
- Participants will gain familiarity with core Node.js concepts like npm, modules, and server-side routing.



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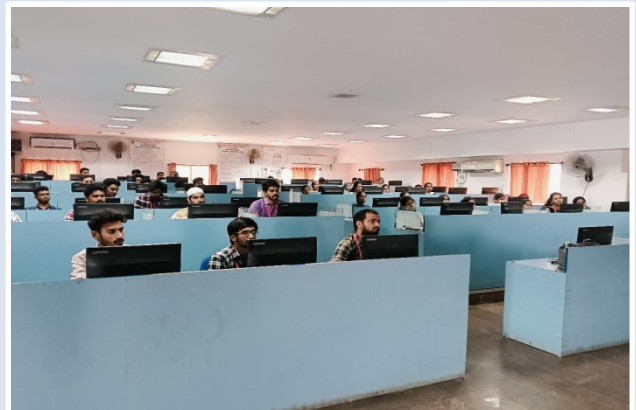
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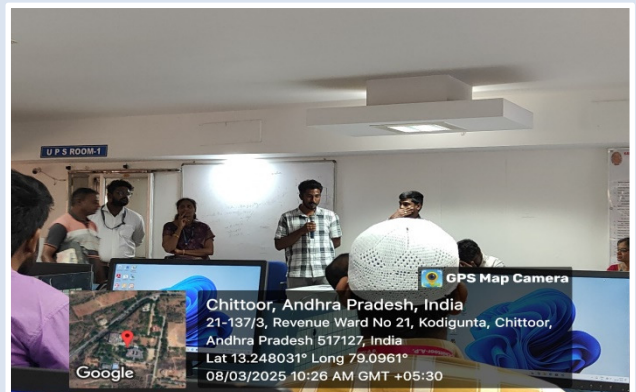
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# SITAMS TALENT MEET

Our college proudly organized the **SITAMS Talent Meet** on **21st and 22nd March 2025**, featuring a range of department-wise technical events. The aim of the event was to provide a platform for students to showcase their technical skills and creativity.

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**  
(Autonomous)  
(Accredited by National Board of Accreditation - CSE,ECE,EEE & MCA)

**A National Level 2 Days Technical Symposium**

**SITAMS TALENT MEET 2025**  
21st & 22nd MARCH, 2025

**TECHNICAL EVENTS :**

- Paper Presentation
- Project Expo
- Technical Quiz
- Code Debugging
- Circuit Debugging
- CAD Modeling
- Hackathon

**NON-TECHNICAL EVENTS :**

- Singing
- Short Film
- Photography
- Treasure Hunt
- Drawing /Painting
- Shuttle/ Badminton
- Per batch 200/-
- Basket ball
- Per batch 500/-

**RS. 100/- per Event**

**SPOT REGISTRATIONS ONLY**

**WIN EXCITING PRIZES**

**Dr. D.Kausikreddy Marg, Musakantibettu, Chittoor**

**Chairman:** Sri. K. Ranganatham  
**Managing Trustee:** Dr. D.K.Kalpaja  
**Academic Advisor:** Dr. K.L.Narayana  
**Principal:** Dr. N.Venkatachalapathi  
**Dean-R&D:** Dr. N.Sambasiva Rao  
**Professor-EEE:** Dr. V.Maheswari  
**Co-Convenor:** Mr. A.Srinivasan, HOD-CDS  
**Secretary:** Sri. D.K.Badri Narayana  
**Dean-Academics:** Dr. M.Saravanan  
**Co-ordinators:** Dr. S.Rajesh-COE, Mr. M.E.Palanivel, HOD-CAI

The Department hosted several exciting and intellectually stimulating events, including:

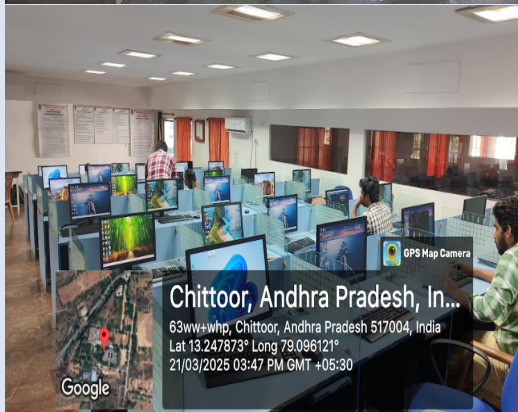
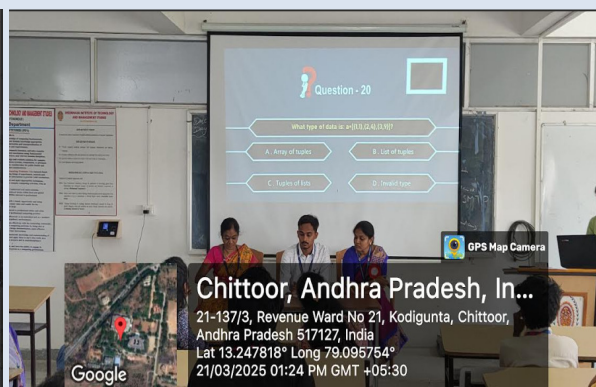
**Debugging**

**Paper Presentation**

**Web Designing**

**Technical Quiz**

Students from various colleges actively participated in these competitions, demonstrating great enthusiasm and technical acumen. Prizes were awarded to outstanding performers, including both our SITAMS students and participants from other institutions.



**Our II MCA students recently completed a project to develop the SITAMS Venue Booking Portal. Their hard work and skills were recognized on March 21st, 2025, when they received a cash prize from our chairman sir**



## **Farewell Day Celebrations**

The farewell celebrations held on 13-04-2025 at SITAMS were filled with joy, emotions, and unforgettable moments. Students lit candles around a beautifully designed rangoli, symbolizing unity and gratitude. Seniors and juniors came together to celebrate with music, dance, and cheerful group photos. A grand cake-cutting ceremony marked the highlight of the evening, capturing everyone's excitement. The event concluded with smiles, hugs, and heartfelt goodbyes as memories were made for a lifetime.







## **SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES**

**AUTONOMOUS – NBA(CSE,ECE, MECH & MCA) ACCREDITED**

Awarded 'A' Grade by Technical Education, Government of Andhra Pradesh

*(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Ananthapuramu)*

**An ISO 9001:2015 Certified Institution**

**Dr. D.K. Audikesavulu Marg (Bangalore-Tirupati Bye-pass Road),**

**Murukambattu Post, CHITTOOR – 517 127**

**Contact: 08572-246299**

**Website: [www.sitams.org](http://www.sitams.org)**