



# **SAMBHRAM**

## **INSTITUTE OF TECHNOLOGY**

# **ELITE NEWSLETTER**

**FEBRUARY - JULY 2025**



**VOLUME 16**

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

**ISSUE NO : 23**



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# SAMBHRAM INSTITUTE OF TECHNOLOGY

## OUR MISSION

**OUR MISSION IS TO PROVIDE WORK ORIENTED EDUCATION COMBINED WITH ETHICAL VALUES, CHARACTER BUILDING IN CONTEXT OF TODAY'S MILLENNIUM. OUR AIM IS TO TEACH STUDENTS THE ETHICAL VALUES, AND BUILD CHARACTER ALONG WITH WORK ORIENTED COURSE. HENCE, WE STRIVE TO TRAVEL BEYOND THE BOUNDARIES OF MERE BOOKS. WE HAVE REALIZED THAT THE FUTURE IS ABSTRACT AND UNKNOWN BUT THE YOUTH IN OUR HANDS ARE REAL AND CAN BE MOULDED.**

## OUR VISION

**THE FUTURE IS EMBODIED IN THE PRESENT GENERATION. PROFESSIONAL EDUCATION COMBINED WITH PRACTICAL EXPOSURE TO CREATE VALUES IN THE STUDENTS WHO ARE THE FUTURE OF OUR NATION.**

*"The Roots of education are bitter, but the fruit is sweet." - Aristotle*

It is my pleasure to congratulate the editorial board on this special occasion of releasing the department newsletter for the period **February to July 2025**. It is truly encouraging to see a considerable number of winners and active participants in co-curricular and extracurricular activities. This certainly reflects the dedication, capability, and quality skill sets of both our students and staff, who continually bring laurels to the institution.

Our students are well-equipped to meet the challenges of the ever-evolving academic and professional world. A newsletter of this nature, highlighting the achievements of the SaIT family, serves as a meaningful recognition of their hard work and contributions. I sincerely wish them all the very best in their future endeavors and continued success in all walks of life.

**Dr. V. Nagaraj**  
Chairman  
Sambhram Group of Institutions



## CHAIRMAN & PRINCIPAL'S NOTE



The Release of this newsletter marks the beginning of a vibrant initiative aimed at showcasing the academic accomplishments of our prestigious institution to the wider competitive world. Sambhram Institute of Technology has made remarkable progress over the years, steadily overcoming challenges and achieving new milestones. This success is a testament to the collective efforts and unwavering dedication of the Management, Faculty, and Students. I extend my heartfelt congratulations to everyone for their continued commitment and contribution.

**Dr. H. G. Chandrakanth**  
Principal  
Sambhram Institute of Technology



## DEAN'S NOTE

It is a matter of great pride and satisfaction for Sambhram IT is going to release this Edition of the College News Letter from (COLLEGE/ DEPT OF SAIT) shortly. The College has made tremendous progress in all areas of academic, non-academics, capacity building activities relevant to staff and students. The College has achieved milestone in getting NBA(National Board of Accreditation, New Delhi) and shortly going to get NAAC accreditation. I am confident that this publication of (COLLEGE / Department) News Letter will send a positive signal to the staff, students and the person's who are interested in the Technical education and Technology based activities. Our college News Letter is like a mirror which showcase the clear picture of all of activities undertaken in our COLLEGE/ Department and also develops writing skills among students in particular and teaching faculty in general.

I congratulate and thank the Editorial Board of this News Letter who have played wonderful role in accomplishing the task in Record time.

I express my deep sense of gratitude to the Management of SAIT and our beloved Principal Dr. H. G. CHANDRAKANTH for their continued guidance, encouragement and support in conduction of all our Technical activities in the campus. Also my heartfelt Congratulations once again to all the members of the Editorial Board, Teaching and Non-teaching staff members and Students of our college for their keen interest evinced and compliment them for their untiring efforts in bringing out the College / Dept. news letter. With Best Wishes.

**Dr. M. N. Sreerangaraju**  
**Dean**  
**Sambhram Institute of Technology**  
**(Academics)**

# MESSAGE FROM HOD'S



## DR. T. JOHN PETER HOD, CSE

The Computer Science and Engineering department stands as a beacon of digital transformation, where students and faculty collaborate to shape the future. We're in the midst of an exciting era where technology is the driving force behind almost every aspect of our lives. At CSE, we're committed to preparing our students to be leaders in this digital age. We provide them with the knowledge and skills needed to navigate the ever-changing tech landscape and make a meaningful impact.

## DR. RAVISHANKAR. C. V HOD, ECE

The Department of Electronics and Communication Engineering is more than just an academic division — it is a vibrant center of innovation and discovery. Here, students and faculty actively collaborate on cutting-edge research, continually pushing the frontiers of technology. We are committed to preparing our students for the fast-evolving world of electrical and computer engineering by equipping them with the knowledge and skills needed to address some of the world's most critical challenges. From artificial intelligence and cybersecurity to renewable energy and the Internet of Things, we embrace emerging technologies with enthusiasm. I eagerly look forward to the continued excellence and impactful contributions of our students and faculty.



## DR. LATHA. P. H HOD, ISE

The Department of Information Science and Engineering is a dynamic and forward-thinking hub that nurtures innovation, creativity, and technical excellence. Our faculty and students work collaboratively to explore emerging technologies and develop solutions that shape the digital future.





## BASIC SCIENCE DEPARTMENT

**Dr. APPAJI GOWDA.**



The Department of Basic Science forms the academic foundation upon which all branches of engineering are built. It plays a vital role in shaping the analytical thinking, scientific temperament, and problem-solving abilities of first-year students. With a dedicated team of faculty members specializing in Mathematics, Physics & chemistry

**Dr. SANGEETHA. R HOD, CSE**

**CYBER SECURITY**



Learning cybersecurity is essential in today's digital age for safeguarding sensitive information, preventing cyber threats, and ensuring the security of online interactions. Given the escalating frequency and complexity of cyberattacks, comprehending cybersecurity empowers both individuals and organizations to protect their digital assets, preserve privacy, and foster a secure online environment.

The Department of CSE (Cyber Security) in Sambhram Institute of Technology emphasizes the importance of bridging the gap between theory and real-world applications. This emphasis equips students to become adept problem solvers and proficient security professionals. With a focus on hands-on experience, collaborative projects, and industry partnerships, we prepare our students to confront the intricate challenges of the contemporary digital landscape. Our goal is not solely to excel in cybersecurity but also to make a positive contribution to our interconnected world.

## DEPARTMENT OF PHYSICS



**Dr. Jagadeesh Gowda G V**  
**Prof. & HOD,**  
**Department of Physics**

The Physics department at our institution is dedicated to providing a comprehensive education in the fundamental principles of physics to our Engineering students. Our experienced faculty members employ innovative teaching-learning methods, including experiments, simulations, and real-world applications, to foster a deeper understanding of complex concepts. Research activities are thriving in the department, with faculty collaborating on projects in cutting-edge areas like materials science, and condensed matter physics. Our state-of-the-art laboratories provide hands-on experience, enabling students to explore and experiment with various phenomena. The department's commitment to academic excellence and innovation is evident in its consistent achievements. The department's focus on interdisciplinary research and collaboration has also led to publications in reputable International Journals

## DEPARTMENT OF CHEMISTRY



**Dr. Manju M**  
**Prof. & HOD,**  
**Department of Chemistry**

The Department of Chemistry at Sambhram Institute of Technology, established in 2001, is committed to fostering intellectual growth and providing quality education to undergraduate students across all engineering disciplines. With a focus on engineering chemistry and its laboratory courses, the department is dedicated to teaching, training, and shaping the next generation of scientists and engineers. The faculty consists of five highly qualified and experienced members, including two with Ph.D. qualifications, alongside two dedicated non-teaching staff, all working together to create a dynamic and thriving academic environment. Our department is also at the forefront of cutting-edge research, addressing both fundamental and applied challenges in various chemistry disciplines. With state-of-the-art research facilities and well-equipped laboratories, students have the opportunity to explore and innovate in their studies. Emphasizing interdisciplinary collaboration, we encourage students and faculty to engage in cross-disciplinary research, understanding that significant advancements often emerge from the intersection of diverse scientific fields.



## **DEPARTMENT OF MBA HOD'S MESSAGE**



**Prof. C. R. Krishnaprasad  
HOD - Department of MBA**

**Sambhram Institute of Technology MBA Department An introduction to the World of Corporate**  
**Welcome to the MBA College in Bangalore. Combining theoretical insight with practical experience, our program prepares students with the tools necessary for a competitive business environment. Our curriculum imparts essential knowledge in fields like finance, marketing, HR, business analytics, and entrepreneurship, with prime focus on real-world learning via case studies, industry exposure, and live projects. Which you will begin to experience in this inspiring seminar, which our experienced faculty & vibrant learning environment encourages critical thinking, leadership & innovative. We strive to create professionals who can adapt to changing market trends and excel in their careers. I encourage our students to embrace challenges, seize opportunities, and aim for excellence in all their endeavors.**



## **Dr.Nagaraja P - AIML**



**It gives me immense pleasure to present this edition of our AIML department newsletter. As we stand at the forefront of technological transformation, our department continues to nurture innovation, critical thinking, and research-driven learning. The world of Artificial Intelligence and Machine Learning is evolving rapidly, and our students and faculty have been actively contributing to this dynamic landscape through academic excellence, cutting-edge projects, workshops, hackathons, and industry collaborations.**

## **Dr. B. Vani Data Science**



**Dr. B. Vani  
HOD AI&DS**

**The Department of Data Science that focuses on practical applications of collected and analyzed data is Data Science engineering. It is a multidisciplinary field encompassing Computer Science, Computational Mathematics, Statistics, and Management. The department has good infrastructure and computing facilities for academic and Research activities. The department has well experienced highly qualified, dedicated faculties to support students in their academics, co-curricular, extracurricular and personals. The department has a strong prominence on innovation and research. Data Science enables companies to efficiently understand gigantic data from multiple sources and derive valuable insights to make smarter data-driven decisions. Data Science is widely used in various industry domains, including marketing, healthcare, finance, banking, policy work, and more. Our institution provides students with a platform to improve their employment skills and also provide opportunities to work on consultancy projects and internships.**

# CHIEF EDITOR'S NOTE



## Dear Valued Readers

**It is with great pride and enthusiasm that I welcome you to this new edition of our department newsletter. This issue brings together a compelling blend of knowledge, innovation, and progress from the ever-evolving domain of Electrical and Computer Engineering.**

**Our team has passionately assembled a rich compilation of research highlights, technological advancements, and academic achievements that showcase the dynamic spirit of our faculty and students. From groundbreaking projects to forward-looking insights, every piece within these pages reflects our commitment to excellence and innovation.**

**We hope this newsletter not only informs but also inspires—encouraging dialogue, collaboration, and a deeper engagement with the field. I sincerely thank all the contributors who made this edition possible and invite our readers to immerse themselves in the exciting frontiers of SaIT**

**Best Regards,  
Dr. Ravishankar. C. V  
Chief Editor  
Newsletter Editorial board**



# "Together, we Achieve more."

## EDITORIAL BOARD

"Welcome to the freshest instalment of our engineering college newsletter! Step into the thrilling realm of innovation and advancement, where we serve as your bridge. Our editorial squad is wholeheartedly committed to delivering compelling narratives, remarkable accomplishments, and the latest in groundbreaking research from our vibrant campus. We're a harmonious engine, propelling the triumph of this publication. Our pledge is to bring you the utmost in engineering brilliance. Keep an eye out, stay motivated, and remain linked with our vibrant community."



### CHIEF EDITOR

**Dr. Ravishankar. C. V** Chief  
Coordinator  
Dept. of ECE



### Faculty Coordinators

**Prof. Nithiya K - ECE**  
**Prof. Saranya B- CSE**  
**Prof. Nayana HR- Basic science**  
**Prof. Mamatha B L- AI&DS**  
**Dr. Sanjeetha & Prof. Ganga -**  
**Cybersecurity**  
**Prof. Vikas - AIML**  
**Prof. Soumyashree - ISE**  
**Prof. Nida - MBA**

### LEAD -EDITOR : FEBRUARY - JULY 2025 EDITION



**Prof. Nithiya K ,**  
AP/ECE



### STUDENT EDITORS

**1. Manoj Rathod , Cybersecurity**  
**2. Adhithya Kulkarni, CSE**

# **ACKNOWLEDGEMENT**

**The price of success is hard work, dedication to the job at hand, and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand."**

**It gives us immense pleasure to release the 13th edition of the College Newsletter "The ELITE NEWSLETTER".**

**We would like to express our deep gratitude to Dr. V. Nagaraj, The Honourable Chairman, The Dean Academics & The Dean Research, Dr. H. G. Chandrakanth, The Principal, Sambhram Institute of Technology, in bringing out this magazine.**

**We take pride in acknowledging the insightful guidance of Dr. Ravishankar. C. V, Head of the Department, ECE in making of the magazine. Of the many people who have been enormously helpful in the production of the magazine, we are very grateful to the lead coordinators Prof. Nithiya K and other student &**

**Faculty coordinators**

**We would like to offer our special thanks to the faculty of CSE and ECE. Their support, encouragement and credible ideas have been a great contribution in the successful completion of this magazine.**



# PREFACE

The Sambhram Institute of Technology was established by a team of experts who are a perfect blend of industry and academia. The founders of this Institution and others, who are associated with us, are eminent educationists, distinguished personalities and philanthropic minded persons who have laid a solid foundation and are nurturing it to grow phenomenally. With commendable dedication, determination, optimistic and indomitable courage, the managing committee members have pledged to shape the institution to an agigantic position in the near future. It was Established in 2001 with four engineering branches namely Computer Science, Electronics & Communication, Information Science & Mechanical, today SaIT offers 5 Under Graduate Engineering programmes, 2 Master Degree programmes and 5 Doctoral programmes and rated among top Engineering Institutions in the Bangalore. Current annual student intake for Undergraduate Programmes & Post Graduate Programmes in Engineering is around 1200.

SaIT aims at an integral training of students forming them into genuine persons with relevant skills, values and attributes in such a way that they are enabled to develop a career sensitive to the challenging world of technological advancement and to live for the prosperity of every human being. We cultivate the basic qualities among students to build up a strong character and imbibe a sense of moral, ethical and spiritual values. Towards this end, we are imparting an integral training to transform students to genuine citizens for the prosperity of every man and woman in our country.

The Sambhram Institute of Technology is committed to create quality professionals to meet the emerging industrial and social needs through innovative teaching applied research, Industrial Interaction, Placing faith in human values and aiming at continual improvement in all activities. We strive to provide the quality education that meets the need and aspirations of the students, employers and society. The institute aims to respond to all of these groups by providing curriculum and support which is necessary to enable the progression and to allow individuals to grow, develop and become universally accepted technocrat.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**February 2025 – July 2025**

The Department of Computer Science and Engineering (CSE) is dedicated to keeping pace with the rapidly evolving world of technology by continuously updating and refining its academic programs. With a strong emphasis on a forward-thinking and rigorous curriculum, the department ensures that students gain a deep understanding of core concepts such as information theory, computational models, and algorithmic problem-solving. This foundation empowers them to craft creative and effective solutions to complex real-world problems.

Moving beyond conventional programming and software engineering, the CSE program encourages a multidisciplinary approach by incorporating cutting-edge fields like artificial intelligence, machine learning, cybersecurity, and data science. This broadened perspective helps students develop not only advanced technical competencies but also essential soft skills like creativity, adaptability, and critical thinking—qualities crucial for thriving in today’s fast-paced digital world.

Hands-on learning forms an integral part of the CSE experience. The curriculum includes practical projects, internships, and research engagements that bring theoretical knowledge to life. These experiences enable students to sharpen their analytical and collaborative skills, preparing them for diverse roles in both technical and leadership positions. The program also places strong emphasis on teamwork, effective communication, and leadership development.

A vibrant center for research and innovation, the department offers students and faculty a platform to engage with emerging technologies through real-time projects and collaborations with industry partners. With access to advanced laboratories, modern facilities, and strategic industry tie-ups,

students stay connected to evolving trends and practices, gaining the confidence to lead in a tech-driven future.

As demand for computer science professionals continues to rise across sectors—ranging from global tech companies and startups to public sector organizations and research institutions—CSE graduates enjoy a wide array of career opportunities. Their skills in areas such as software development, data analytics, cybersecurity, and robotics open doors to impactful and dynamic professional paths.

CSE graduates are not just skilled technologists; they are changemakers contributing to innovation and societal transformation through technology-driven solutions. The department is committed to nurturing this potential, shaping future-ready professionals who possess the knowledge, vision, and drive to lead in the digital era.

Through a strong focus on academic excellence, interdisciplinary learning, and real-world application, the Department of Computer Science and Engineering continues to shape the future of both technology and society. It remains a vital force in preparing the next generation of innovators, entrepreneurs, and thought leaders.

### **PAPERS/ PATENTS PUBLISHED OR PRESENTED BY FACULTIES/STUDENTS**

1. Dr. K. Anatha Padmanabha presented his research paper titled “An Efficient Model to Detect Power Fluctuation in Solar Systems using Machine Learning” at an international conference organized by IIT Roorkee.
2. Prof. Indi Jayashree M. presented a paper titled “Economic Analysis based on Regional Attributes in Uzbekistan Models for Fruit and Crop Categorization” at the International Conference on Technology Enabled Economic Changes, held on 27–28 February 2025 at Amity University, Uzbekistan.
3. Dr. T. John Peter presented a paper titled “Role of Artificial Neural Networks and Back Propagation Algorithm for Change in Learning

- Rate and Momentum Value for Different Prediction” on 6th and 7th March 2025 at the 3rd International Conference on Science and Applications of Generative, Explainable Artificial Intelligence and Machine Learning (SAGE – AIML’25), held in association with AIMIST University, Malaysia, and Riyadh ELM University, Kingdom of Saudi Arabia.
4. Dr. K. Balakrishnan served as a reviewer for two research papers submitted to the 2nd International Conference on Data Science & Exploration in Artificial Intelligence, organized by Manipal Academy of Higher Education (MAHE), Dubai, scheduled for 7th and 8th April 2025.
  5. Prof. Mallamma C. G. published a paper titled “Online Chatbot Based Ticketing System for Museum” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), ISSN: 2582-5208, Volume 07, Issue 03.
  6. Prof. Sunita B. published a paper titled “Cyber-Bullying Detection Using Machine Learning Algorithm” in the International Journal of Progressive Research in Engineering Management and Science (IJPREMS), ISSN: 2582-5208, Volume 07, Issue 03.
  7. Dr. K. Balakrishnan published a paper titled “A Novel Approach for Weed Detection and Classification using Advanced Computational Technique” in the International Research Journal of Modernization in Engineering Technology and Science, ISSN: 2582-5208, Volume 07, Issue 04.
  8. Prof. Anuradha U. successfully registered a design titled “Smart Wearable Apparatus for Real Time Health Analytics” with the Indian Patent Office on 28th April 2025.
  9. Dr. K. Balakrishnan published the paper “GOTOGETHER—Smart Vehicle Pooling System” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), ISSN: 2582-5208, Volume 07, Issue 05, Q2 Journal.
  10. Dr. K. Balakrishnan published the paper “Agriculture Research and Crop Prediction” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), ISSN: 2582-5208, Volume 07, Issue 05, Q2 Journal. Dr. K. Balakrishnan reviewed a research paper titled “CHATBOT FOR HEALTHCARE: DIAGNOSIS OF ACUTE DISEASES IN RURAL AREAS OF INDIA” for the Journal of Visualized Experiments (ISSN: 1940087X, Volume 07, Issue 05).
  11. Prof. Anuradha U. published a paper titled “DECENTRALIZED WEB 3.0 TRANSACTION APPLICATION” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), ISSN: 2582-5208, Volume 07, Issue 05.
  12. Prof. Sunita B. published the paper “MULTIPLE DISEASE PREDICTION USING MACHINE LEARNING” in the International Research Journal on Advanced Engineering Hub (IRJAEH), Vol. 03, Issue 04, ISSN: 2348-1269.
  13. Prof. Sunita B. published the paper “SEVERITY DETECTION OF DIABETIC RETINOPATHY USING ML” in the International Journal of Research and Analytical Reviews (IJRAR), Vol. 12, Issue 02, ISSN: 2584-2137.
  14. Prof. Suchitra Devi A. published a paper titled “ENHANCING DDOS ATTACK DETECTION AND MITIGATION IN STN USING ENSEMBLE ONLINE MACHINE LEARNING MODEL” in the Journal of Engineering Science (UGC CARE Group A), ISSN: 0377-9254, Volume 16, Issue 05, and completed the NPTEL course on “Machine Learning using Python Programming.”
  15. Prof. Ravi S. P. presented a paper titled “INTRODUCE GENERATIVE AI FOR SYNTHETIC DATA GENERATION” at the International Conference on Advancements and Future Trends in Collaborative Technologies – Engineering, Social Sciences, Humanities & Management (ESHM 2025) organized by Sambhram Institute of Technology.

16. Prof. Mallamma C. G. published a paper titled “Enhancing Seismic Data with Generative Adversarial Network for Affordable MEMS Sensors” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), ISSN: 2582-5208, Volume 07, Issue 05.
17. Dr. T. John Peter published a paper titled “Semantic Analysis of Kannada Summaries Using Machine Learning” in the *Journal of Information Systems Engineering and Management*, Q3 Journal, ISSN: 2468-4376, Volume 9(4s).
18. Prof. Sunita B. published a paper titled “Semantic Analysis of Kannada Summaries Using Machine Learning” in the *Journal of Information Systems Engineering and Management*, a Q3 Journal (ISSN: 2468-4376), Volume 9(4s).
19. Prof. Indi Jayashree M. published a paper titled “A Multi-Model Machine Learning Framework for Smart IoT Data Mining” in the *Journal of Information Systems Engineering and Management*, a Q3 Journal (ISSN: 2468-4376), Volume 10(53s).



2. Dr. K. Balakrishnan, Prof. Anuradha U, Prof. Saranya B, Prof. Jyothi S. S, Prof. Suchitra Devi A served as the Coordinator for AI Innovation Day, an intercollegiate ideathon held on 27/02/2025 in collaboration with OSCode, Microsoft, ID8NXT, and Bhashini, with 220 participants.



### **RESEARCH SCHOLARS' OPEN SEMINAR COMPLETIONS AT OUR RESEARCH CENTRE**

1. Dr. T. John Peter guided his research scholar, Ms. Sowmya B., to the successful completion of her Open Seminar
2. Dr. T. John Peter successfully guided his research scholar, Ms. Asha M. L., in the completion of her Open Seminar.

### **FACULTIES EVENT'S ORGANIZED / PIONEERED / PARTICIPATION HIGHLIGHTS**

1. Dr. K. Balakrishnan coordinated the Leo Conference organized on 19/02/2025, which witnessed the participation of 300 attendees

3. Prof. Saranya B., Prof. Gnaneshwari T. R., and Prof. Anitha K. successfully completed the Universal Human Values (UHV) certification, enhancing their understanding of value-based education and ethical teaching practices.
4. Prof. Saranya B. obtained membership in the International Association of Engineers (IAENG) with membership number 510019.
5. Dr. K. Balakrishnan, Dr. Asha S. R., Prof. Mallamma C. G., Prof. Rajaraman G., Prof. Deepa S. Bhat, Prof. Gnaneshwari T. R., Prof. M. Giridhar Rao, Prof. Saranya B., Prof. Poovidha S., Prof. Sourna Lakshmi P., Prof. Anuradha V., Prof. Anita K., Prof. Bhargavi G., Prof. Jyothi S. S., Prof. Sunita

- B., Prof. Savitha Masali, Prof. Suchitra Devi A., and Prof. Anuradha U. participated in the 5-day Faculty Development Program on Cyber Security organized by ExcelR from 14th to 20th February 2025.
6. Dr. K. Balakrishnan, Dr. Asha S. R., Prof. Mallamma C. G., Prof. Deepa S. Bhat, Prof. Gnaneshwari T. R., Prof. Hanumantha Rao K. R., Prof. Saranya B., Prof. Anuradha V., Prof. Anita K., Prof. Sunita B., Prof. Suchitra Devi A., and Prof. Anuradha U. participated in the 5-day National Faculty Development Program on AI Tools organized by Dayananda Sagar Academy of Technology and Management and Brainovision Solutions India Pvt. Ltd. from 17th to 21st February 2025
  7. Dr. K. Balakrishnan participated in the 10-day Faculty Development Program on Next Generation Networks and Its Security organized by E&ICT Academy, NIT-Warangal, and Cambridge Institute of Technology, Bengaluru, from 5th to 15th February 2025.
  8. Prof. Gnaneshwari T. R., Prof. Saranya B., and Prof. Anita K. participated in the webinar on Scientific Writing and Publishing conducted by Springer Nature on 19th February 2025.
  9. Prof. Poovidha S. and Prof. Surna Lakshmi P. participated in the one-week Faculty Development Program on Microsoft Power BI Data Analyst Associate organized by ICT Academy at ACS College of Engineering from 3rd to 7th February 2025.
  10. Dr. Asha S. R. participated in the webinar titled “Art of AI: Its Integration to Teaching Pedagogies and Responsible Use” organized by ZEP Research on 3rd March 2025.
  11. Prof. Mallamma C. G. represented Sambhram Institute of Technology at the VTU Youth Fest organized by Global Academy of Technology on 24th March 2025.
  12. Prof. Saranya B., Prof. Anuradha U., Prof. Gnaneshwari T. R., and Prof. Surna Lakshmi P. coordinated the Student Development Program on Cloud Infrastructure Management and Automation for Industry, conducted from 17th to 22nd March 2025 for 6th-semester students, which saw participation from 250 students.
  13. Prof. Anuradha U. and Prof. Suchitra Devi A. coordinated Pink 2Kthon, a walkathon focused on women’s empowerment and well-being, organized on 8th March 2025, which attracted 250 participants. Additionally, the event saw active participation from 200 attendees.
  14. Dr. K. Balakrishnan, Dr. Asha S. R., Prof. Suchitra Devi A., Prof. Surna Lakshmi P., Prof. Gnaneshwari T. R., Prof. Jyothi S. S., Prof. Bhargavi G., Prof. Mallamma C. G., Prof. Indi Jayashree, Prof. Saranya B., Prof. Giridhar Rao M., Prof. Poovidha S., Prof. Savitha Masali, Prof. Anuradha V., Prof. Anita K., Prof. Hanumantha Rao K. R., Prof. Anuradha U., and Prof. Sunita B. participated in the 5-day Faculty Development Program on Blockchain & Web3 organized by ExcelR from 10th to 17th March 2025.
  15. Dr. K. Balakrishnan and Prof. Indi Jayashree participated in the 15-day Faculty Development Program on Deep Learning organized by SkillDzire in collaboration with AICTE from 17th to 31st March 2025.
  16. Prof. Surna Lakshmi P., Prof. Gnaneshwari T. R., Prof. Mallamma C. G., Prof. Saranya B., Prof. Poovidha S., Prof. Anita K., Dr. Asha S. R., and Prof. Anuradha U. participated in the 15-day Faculty Development Program on Artificial Intelligence organized by SkillDzire in collaboration with AICTE from 17th to 31st March 2025.
  17. Dr. K. Balakrishnan coordinated a Blood Donation Camp in association with Lions Blood Bank, Vijayanagara, on 9th April 2025, which was attended by 157 participants.
  18. Dr. K. Balakrishnan coordinated the Ambedkar Jayanthi Celebrations on 15th April 2025, with 70 participants.



19. Dr. K. Balakrishnan organized a Technical Talk on AI Agents and Auto GPTs in collaboration with the OSCode community on 29th April 2025, with 200 participants.



20. Dr. K. Balakrishnan, Dr. Asha S. R., Prof. Saranya B., Prof. Anuradha U., Prof. Anuradha V., Prof. Suchitra Devi A., Prof. Gnaneshwari T. R., Prof. Sourna Lakshmi P., Prof. Poovidha S., Prof. Sunita B., Prof. Jyothi S. S., Prof. Anitha K., Prof. Savita Masali, Prof. Giridhar Rao M., and Prof. Indi Jayashree M. participated in the 5-day Faculty Development Program on Generative AI and Prompt Engineering organized by ExcelR EdTech Pvt. Ltd. from 21st to 25th April 2025.

21. Prof. Saranya B., Prof. Gnaneshwari T. R., and Prof. Anitha K. participated in the 15-day Faculty Development Program on AI organized by Swayam Plus and Skill Deziire from 17th to 31st March 2025.

22. Dr. K. Balakrishnan coordinated a 1-week Student Development Program on Unstructured Database Design and Management for Current Technology in association with VTricks Technologies from

05/05/2025 to 10/05/2025, attended by 227 participants.



23. Dr. K. Balakrishnan and Prof. Mallamma C. G coordinated the Graduation Day event on 09/05/2025 with 700 participants.

24. Dr. K. Balakrishnan served as Jury for the SAP Hackfest Ideathon Regional Round conducted on 14/05/2025 with 324 participants.

25. Prof. Hanumantha Rao K. R., Prof. Giridhar Rao M., Prof. Anitha K., Prof. Jyothi S. S., Prof. Gnaneshwari T. R., Prof. Sourna Lakshmi P., and Prof. Saranya B. served as coordinators for various committees (Food and Stage, File and Invitation, Gowns, and Program Committees) during the Graduation Day event on 09/05/2025, which hosted 700 participants.



26. Dr. K. Balakrishnan, Prof. Anuradha U., Prof. Giridhar Rao M., Prof. Sunita B., Prof. Anita K., Prof. Jyothi S. S., Prof. Gnaneshwari T. R., Prof. Savita Masali, Prof. Suchitra Devi A., Prof. Anuradha V., Prof. Poovidha S., Prof. Sourna Lakshmi P., Prof. Indi Jayshree M., Prof. Bhargavi G., and Prof. Saranya B. participated in the 5-Day Faculty Development Program on AI Agents organized by ExcelR EdTech Pvt. Ltd. from 12/05/2025 to 16/05/2025.

27. Dr. K. Balakrishnan coordinated the World Environment Day celebrations on 05/06/2025 at Veterinary College, Hebbal, in association with Nation First Citizen Soldier NGO. (100 Participants)
28. Dr. K. Balakrishnan coordinated a Technical Session on AI Skill Sprint on 11/06/2025, in association with OSCode community. (70 Participants)
29. Dr. K. Balakrishnan coordinated the International Yoga Day celebrations on 21/06/2025 at Elements Mall, Thanisandra, in association with Nation First Citizen Soldier NGO. (100 Participants)
30. Dr. K. Balakrishnan, Prof. Suchitra Devi A, Prof. Saranya B. coordinated the International Yoga Day celebrations on 21/06/2025 at SaIT Premises, in association with Brahma Kumaris Rajyoga Foundation. (50 Participants)
31. Dr. K. Balakrishnan, Prof. Anuradha U., Prof. Giridhar Rao M., Prof. Sunita B., Prof. Anita K., Prof. Jyothi S. S., Prof. Gnaneshwari T. R., Prof. Savita Masali, Prof. Suchitra Devi A., Prof. Anuradha V., Prof. Poovidha S., Prof. Sourna Lakshmi P., Prof. Saranya B., Prof. Mallamma C. G., and Prof. Mohanapriya M. participated in the 5-day National Faculty Development Program on Research Structuring and Publication Process organized by the Centre for Research and Training, National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, from 23rd to 27th June 2025.
32. Prof. Anuradha U. participated in the 5-day Faculty Development Program on Next Gen Data Science: Deep Learning, NLP, and Responsible AI organized by CMR Institute of Technology (CMRIT), Bengaluru, from 16th to 20th June 2025.
33. Prof. Saranya B., Prof. Gnaneshwari T. R., and Prof. Anitha K. participated in the 15-day Faculty Development Program on Generative AI and Agentic AI organized by ExcelR EdTech Pvt. Ltd. from 9th to 27th June 2025.

34. Prof. Suchitra Devi A. participated in the 2-day workshop titled “Latex for Beginners: Write Your First Research Paper” held from 26th to 27th June 2025.

### **EVENTS /ACTIVITIES CONDUCTED BY DEPARTMENT**

1. On 27<sup>th</sup> February 2025, the Department of Computer Science and Engineering organized AI Innovation Day, an intercollegiate ideathon conducted in collaboration with OSCode, Microsoft, ID8NXT, and Bhashini. The event brought together 220 students from various colleges to participate in innovative challenges focused on artificial intelligence. This initiative provided a dynamic platform for students to showcase their creativity, enhance their technical skills, and collaborate with peers, fostering a spirit of innovation and practical problem-solving within the AI domain.
2. On 29<sup>th</sup> April 2025, the Department of Computer Science and Engineering organized a Technical Talk on AI Agents and Auto GPTs in association with the OSCode community, attended by all CSE students.
3. The Department of Computer Science and Engineering organized a 1-week Student Development Program (SDP) on “Unstructured Database Design and Management for Current Technology” from 05/05/2025 to 10/05/2025 in association with VTricks Technologies for all 3rd semester students.
4. On 11<sup>th</sup> June 2025, the Department of Computer Science and Engineering organized a Technical Session on “AI Skill Sprint” in association with the OSCode community. The event aimed to enhance students' practical skills and knowledge in artificial intelligence through interactive learning.

### **PLACED STUDENTS –VIII SEMESTER**

1. Here is the full list of placement sentences in the requested format:

2. Amitha Raj B (1ST21CS016) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
3. Aparna Biswas (1ST21CS026) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
4. Brunda U (1ST21CS044) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
5. Chalana K (1ST21CS046) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
6. Deeksha M (1ST21CS058) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
7. Impana K (1ST21CS084) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
8. Kotluru Sai Yasritha (1ST21CS097) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
9. Shalu Singh (1ST21CS187) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
10. Vinutha Pv (1ST21CS238) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
11. Yama Hyndavi (1ST21CS246) was placed at Infosys as a Systems Engineer on 13/02/2025 with a package of 3.6 LPA.
12. Manasa D (1ST21CS109) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
13. Chandrika M (1ST21CS050) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
14. Yama Hyndavi (1ST21CS246) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
15. Vinutha Pv (1ST21CS238) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
16. Sushmitha S (1ST21CS218) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
17. Pavani Yadla (1ST21CS171) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
18. Shalu Singh (1ST21CS187) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
19. Venkatesh N (1ST21CS229) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
20. Impana K (1ST21CS084) was placed at HCL TECH as a Graduate Engineer Trainee on 20/02/2025 with a package of 4.25 LPA.
21. Pavani Yadla (1ST21CS171) was placed at Evosys as an Associate Consultant on 01/03/2025 with a package of 3.5 LPA.
22. Aparna Biswas (1ST21CS026) was placed at Evosys as an Associate Consultant on 01/03/2025 with a package of 3.5 LPA.
23. Shalu Singh (1ST21CS187) was placed at Evosys as an Associate Consultant on 01/03/2025 with a package of 3.5 LPA.
24. T Vikas Kumar (1ST21CS223) was placed at Evosys as an Associate Consultant on 01/03/2025 with a package of 3.5 LPA.
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31. Vinutha Pv (1ST21CS238) was placed at Evosys as an Associate Consultant on 01/03/2025 with a package of 3.5 LPA.

32. Pavani Yadla (1ST21CS171) was placed at Accenture as a Software Engineer on 20/03/2025 with a package of 4.5 LPA.
33. Aparna Biswas (1ST21CS026) was placed at Accenture as a Software Engineer on 20/03/2025 with a package of 4.5 LPA.
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46. Deeksha M (1ST21CS058) was placed at Accenture as a Software Engineer on 20/03/2025 with a package of 4.5 LPA.
47. Impana K (1ST21CS084) was placed at Accenture as a Software Engineer on 20/03/2025 with a package of 4.5 LPA.
48. A Anshu Banu (1ST21CS022) was placed at Unisys India Pvt Ltd as an Advisor Tech support Desk on 08/07/2025 with a package of 4 LPA.

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

**FEBRUARY 2025-JULY 2025**

The AI&DS (Artificial Intelligence and Data Science) Artificial Intelligence and Data Science are one of the many branches of science, engineering, and technology. Engineering in Artificial Intelligence and Data Science is a core technologies like Machine learning, Artificial Intelligence, Data warehouse, Data mining, Scripting language, Product development, Mathematical modelling. This course also gives importance to areas like big data analytics, fuzzy technologies, and artificial neural networks. It helps students in getting ready with skills to perform decisions that are based on data analysis.



The department has a strong prominence on innovation and research. Data Science enables companies to efficiently understand gigantic data from multiple sources and derive valuable insights to make smarter data-driven decisions. Data Science is widely used in various industry domains, including marketing, healthcare, finance, banking, policy work, and more. Our institution provides students with a platform to improve their employment skills and also provide opportunities to work on consultancy projects and internships.

### VISION

To encourage the inquisitiveness in a student and make him to understand the fundamentals of science to exploit for the development of new technology.

### MISSION

To feed the engineer with fine aspects of science which make them to understand, exploit and innovate; leading to the technological advancement of future world.

## FACULTY ATTENDED EVENT OFF-ON CAMPUS

1. Dr Mamatha M and Vishwanath Rajput A, attended Two days Faculty Development Program Empowering VTU Faculty Through Advanced Training with NVIDIA

**Date:** 16/4/2025 & 17/4/2025

**Location:** NVIDIA Headquarters, Bangalore

**Organized by:** NVIDIA in collaboration with Visvesvaraya Technological University (VTU), Belagavi

Over 60 faculty members from 37 VTU-affiliated colleges participated in a transformative two-day training program hosted at NVIDIA's Bangalore office. The initiative aimed to empower educators with cutting-edge knowledge and hands-on experience in emerging technologies.

The program provided a unique opportunity for faculty to deepen their understanding of AI and related technologies, equipping them to bring advanced insights back to their classrooms and inspire the next generation of engineers and innovators.





**Participants Group Photo**



2. Dr. Vani B and Dr. Mamatha M from AI&DS Department, SaIT, went for Industrial Visit Event on 15/5/2025.

L&T Industry Visit- TECHgium Flagship Program

Location: L&T Tech Park, Bangalore

Organized by: L&T, Bangalore

TECHgium is an open-initiative by L&T Technology Services. The initiative was first launched by LTTS in 2016 to ignite young minds and provide exposure to real challenges faced by global industry. 8<sup>th</sup> edition of Techgium focused on nurturing future-ready engineering talent through immersive exposure to cutting edge challenges and industry collaboration. Over 30 guests were invited for the industry visit and to evaluate the innovative projects exhibited by students of different engineering colleges across India participated in TECHgium. The guests were given an opportunity to grade the students projects exhibited in L&T campus.



3. Prof. Mamatha B.L. from AI&DS Department, attended for participating in the one-week professional Development Programme on “Mastering Edge Analytics and Prompt Engineering for innovation in Teaching and Learning” organized by Department of Computer science and Engineering and IEEE-SB-SMC, Vardhaman College of Engineering Hyderabad from 11<sup>th</sup>-15<sup>th</sup> February 2025



4. Prof. Mamatha B L, from AI&DS Department attended One week National Level Faculty Development Program on AI Tools Organized by DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT in associated with Brainovision Solutions India Pvt Ltd in collaboration with ALL iNdia Council for Technical Education(AICTE) During the period of 17<sup>th</sup> to 21<sup>st</sup> February 2025.



7. Dr. Vani B, Dr. Mamatha M, Prof Mamatha B L, Prof Vishwanath Rajaput participated in Faculty Development Program on Generative AI and Prompt Engineering Organized by the Khalsa College for women, Ludhiana (Punjab) New Horizon College of Engineering Department of MCA, Bangalore, Karnataka, in Collaboration with ExcelR Edtech Pvt, Ltd.

5. Prof. Mamatha B L, from AI&DS Department, attended Five Days National Faculty Development Programme on Research Structuring & Publication Process created & powered by center for Research& Training, National Foundation for Entrepreneurship Development, Coimbatore, Tamil Nadu on 23-37 June 2025.



6. Prof. Mamatha B L, from AI&DS Department attended Online UI and UX Design Quiz on 8/06/25 organized by ProProfs.





## SKILL DEVELOPMENT FOR STUDENTS

1. Seven Days Skill Development Program conducted for 4<sup>th</sup>-SEM AI&DS student based on “Structured and Unstructured Data design and management for current technology needs” from 5/5/2025 to 11/5/2025.

- Database Fundamentals, Overview of RDBMS, SQL Basics, CRUD Operations.
- SQL joins, Understanding Constraints, Aggregations & Grouping, Hands-on Activity
- Indexing and query Optimization, Common SQL performance Tuning Techniques Transaction and ACID Properties



2. Seven Days Skill Development Program Conducted for 6<sup>th</sup> SEM AI&DS students Based on “Cloud Infrastructure Management and Automation for Industry” Conducted by Vtricks on 17/3/2025 to 23/03/25 in AI&DS Lab, SaIT, Bangalore.

**SAMBHRAM INSTITUTE OF TECHNOLOGY**  
Ambabhevari Temple Road, Jalahalli East, M.S. Patya, Vidyaranyapura post, Bangalore-97

**Department of Artificial intelligence and Data Science**

**vtricks** Cordially invites to  
**One week Skill Development Programme**  
On  
**"STRUCTURED AND UNSTRUCTURED DATABASE DESIGN AND MANAGEMENT FOR CURRENT TECHNOLOGY NEEDS"**  
from 05/05/2025 to 11/05/2025  
Inauguration  
05/05/2025 @ 9:30 am  
Resource Person  
**Mr. Mahendra**  
Vtricks Technologies  
Program Co-ordinators  
Dr. Mamatha M, Assoc. Prof, AI&DS-SaIT | Prof. Mamatha B.L, Asst. Prof, AI&DS-SaIT  
Invited By  
Dr. B. Vani, HOD, AI&DS-SaIT | Prof. Vishwanath Rajput, Asst. Prof, AI&DS-SaIT  
Supported by SaIT Student Chapters- CSI, IETE, ISTE, IEEE and EWD  
Venue: AI&DS Lab

**SAMBHRAM INSTITUTE OF TECHNOLOGY**  
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Inauguration  
17/03/2025 @ 9:30 am  
Resource Person  
**Mr. Vinay Krishna Murthy**  
Vtricks Technologies  
Chief Patrons  
Smt. Dhanya Nagaraj, Director-SD | Dr. V. Nagaraj, Chairman-SD  
Patrons  
Dr. M.N. Sreerangaraju, Dean/Academic-SaIT | Dr. H.G. Chandrakanth, Campus Director/Principal-SaIT | Dr. B. Vani, HOD, Dept. of AI&DS-SaIT  
Program Co-ordinators  
Dr. Mamatha M, Assoc. Prof- Dept. of AI&DS-SaIT | Prof. Mamatha B.L, Asst. Prof- Dept. of AI&DS-SaIT | Prof. Vishwanath Rajput, Asst. Prof- Dept. of AI&DS-SaIT  
Supported by SaIT Student Chapters- CSI, IETE, ISTE, IEEE and EWD  
Venue: AI&DS Lab



4. As part of our academic initiative to enhance practical learning, students from Artificial Intelligence and Data science 4<sup>th</sup> SEM undertook an industrial visit to the **Indian Space Research Organisation (ISRO)** at Satellite Town, Old Airport Table ,Bengaluru, on April 3rd, 2025.



3. Department of Artificial Intelligence and Data Science organized a Talk for 4<sup>th</sup> sem and 6<sup>th</sup> sem students regarding “Raising Capital and Managing Finance for Startup”. Talk by Mr. Sammod Wadappi Managing Director, Virabh Research Solutions & Consultancy Pvt. Ltd.





**STUDENTS PARTICIPATED IN HACKATHON, WORKSHOP, CO-CARICULAR ACTIVITIES**

1. Inter college Hackathon organized by Acharya college, Bangalore, Simba GPT, Acharyas AI Fest-2025 held on the 24<sup>th</sup> and 25<sup>th</sup> of Mrach 2025 our 4<sup>th</sup> sem students from AI&DS, SaIT participated in that Hackathon event



Participants Certificate





2. Deepesh 2<sup>nd</sup> SEM student, Department of AI&DS, SaIT Got prize for Photography, competition held by VTU FEST YUKTI-2K25



### 3. Debate Competition

Kavana S 6<sup>th</sup> SEM students from Artificial Intelligence and Data science participated in Inter-college Debate conducted by 35<sup>th</sup> Rotary Yadalam nanjajiah shetty on 17/2/2025



5. 4<sup>th</sup> SEM AI&DS Department students along with Prof. Vishwanath Rajputh visited IISC Open Day Exhibition on 1/3/2025, Indian Institute of Science, Bengaluru, Different departments at IISc set up exhibitions and stalls to explain their research. Some of them include: Aerospace Engineering: Demos of drones and flight simulations. Computer Science: AI, machine learning, and cybersecurity models. Electronics and Robotics: Smart devices, embedded systems, and energy saving technology. Physics: Superconductors, magnetism, and laser experiments.





6. 6<sup>th</sup> SEM AI&DS Students Visited Industrial Visit SAP Labs, Bangalore. MD ARSLAN CHINTHAN L HARSHINI K POORVIKA B, on 26/4/2025. This visit provided both students and teachers with a glimpse into the corporate world and the latest advancements in research and technology. It served as a valuable opportunity for young minds to learn and be inspired by the fields of science and technology. and Data Science. It provided a unique opportunity to bridge the gap between academic learning and real-world industry practices. The interaction with industry professionals, exposure to cutting-edge technologies, and a deeper understanding of corporate work culture have undoubtedly broadened our perspectives. Such visits are instrumental in inspiring students to pursue innovation and excellence in their chosen fields, and we are grateful for the chance to learn from one of the leading global technology firms.

7. 6<sup>th</sup> SEM AI&DS Department students DHANUSH CM, PAVAN and GOLLA JYOTHIKA, along with Prof. Vishwanath Rajaput Visit CGI company, Electronic city Phase1, Bangalore on 10/05/2025, CGI Microsoft conducted One day Student Development Program based on Future Ready AI Summit 2025.

SDP based on the Topics AI, AI for Social Good, Microsoft Learn for PowerBI, discuss with student what they can do next Bild with purpose, collaborate, Learn and use of open Tools, Stay Ethical, Lead the change.

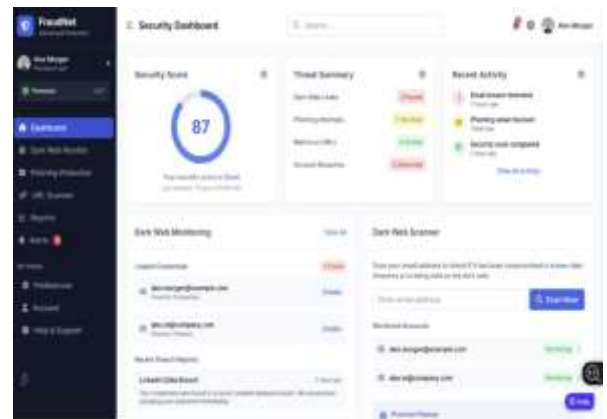




They selected in First round and competed in 2<sup>nd</sup> round National Level SAP Hackathon Conducted in Sambhram Institute of Technology.



In second round they created Dashboard for FraudNet



## 8. Hackathon.

4<sup>th</sup> Sem AI&DS Students participated in SAP Hackathon, Supriya, Manohar, Radhika K L, Adithya G T, Yashaswini, 2-round SAP Hackathon Competition conducted in Sambhram Institute of Technology.

In First round they selected Topic Fraud Net: BY - INVCTUS

Cybersecurity through Design Thinking  
Pinpointing Core Problems

Current cybersecurity solutions suffer from fragmented tools, poor threat visibility, and a lack of real-time risk scores, making effective defense challenging.

Fraud Net's Advantages

Fraud Net significantly enhances threat detection, streamlines decision-making, and improves incident response through its unified and intuitive platform

Better Threat Detection

Fraud Net catches dangers early—like spotting phishing websites or leaked data—before they can cause harm

Smarter Decision

It doesn't just throw data at you. It shows clear warnings and suggestions, so teams know exactly what to do.

Improved Response

Faster incident Resolution

9. 6<sup>th</sup> Sem AI&DS Department students participated in Hackathon conducted by BGS College of Engineering and Technology. 11<sup>th</sup> and 12<sup>th</sup> April 2025. The Grand BGSCET Hackathon ADVAYA.
10. 6<sup>th</sup> Sem Students Bharath R participated in the 2025 Statewide Engineering IT Quiz Conducted by TCS TechBytes An Inter College QUIZ On IT Organised by TATA Consultancy Services and Board for IT Education Standards, Governments of Karnataka.



11. Poster Presentation

4<sup>th</sup> and 6<sup>th</sup> sem students participated in Poster Presentation event on occasion of Institution Research Open Day-2025 celebrated on 25/4/25 organised by Sambhram Institute of Technology, Bangalore



The Poster Presentation event was conducted on 25th April 2025. The venue for the event was the AI-DS class room B-303. The event was scheduled from 10:00 AM to 4:00 PM and witnessed active participation from students belonging to the Artificial Intelligence and Data Science Department.

- Poster Presentation event offers multitude of outcomes, Knowledge Dissemination, Posters presentation serves as a platform to share research findings, project outcomes, or innovative ideas with a broader audience, contributing to the advancement of knowledge within field.
- The process of creating and presenting a poster, especially when answering questions, enhances a presenter's ability to communicate effectively and manage discussions

The projects and posters were evaluated by a distinguished panel of judges:

Judge 1: Dr. Sandhya G, Head of the Department, AI & ML, M.S. Engineering College

Judge 2: Dr. Mamatha M, Associate Professor, AI&DS, SaIT.

The judges interacted with the participants, assessed the projects based on predefined criteria, and provided valuable feedback for further improvement.

**FIRST PRIZE WINNER**

Bharath R, Bibhudatta Behera, Keerthana A L ML-ACM for SAT NETWORKS



**SECOND PRIZE WINNER**

Arun Joshi, Nikethana, Nithin

Smart Vision: AI-powered system for Real-Time suspicious Activity



**THIRD PRIZE WINNER**

Levin k Varghese, Meghana P, Kavya B Quantum Intelligence Merging AI and Quantum computing for unpredicted power



12. Renewable Energy and Power Plant, Project Models presented by 6<sup>th</sup> Sem, AI&DS students Dr. Narayan B. Dodapattar Sir Mechanical Department on 26/5/2025 venue Mechanical Seminar Hall, SaIT, Bangalore. Different types of Renewable Energy Resource Models Exhibited by Students.

- Harnessing the Power of the Sun
- The Eternal Power of Sun
- Application Of Wing Wheel Energy
- Solar Street Light



## **DEPARTMENT OF CSE (Cyber Security)**

**FEB 2025 - JULY 2025**

### **ABOUT THE DEPARTMENT**

The Department of CSE (Cyber Security) is established in the year 2022 with a sanctioned intake of 60 students. The department has well-experienced faculty with expertise in cybersecurity. It has state-of-the-art laboratories with licensed software and unlimited internet access. The Department conducts project competitions, hackathons, seminars, technical talks, and various other events to upgrade the skills of the students. Students get exposure to real-time projects, consultancy projects, and sponsored projects in the area of cybersecurity. Students are encouraged to become part of Professional societies like IEEE, CSI, ISTE, etc., and participate in their events. Students are trained to conduct research and innovation in cybersecurity and publish research papers in reputed conferences and journals. Students will be placed in leading national and multinational companies based on their performance and merit. Students are encouraged to go for higher studies and required guidance is provided by the department.

The Department of Computer Science & Engineering (Cybersecurity) was established in 2022 with a sanctioned intake of 60 students. The department has well-experienced faculty with expertise in cybersecurity. It has state-of-the-art laboratories with licensed software and unlimited internet access. The Department conducts project competitions, hackathons, seminars, technical talks, and various other events to upgrade the skills

of the students. Students gain exposure to real-time, consultancy, and sponsored projects in the area of cybersecurity. Students are encouraged to join professional societies, such as IEEE, CSI, and ISTE, and participate in their events. Students are trained to conduct research and innovation in cybersecurity, and they publish research papers in reputable conferences and journals. Students will be placed in leading national and multinational companies based on their performance and merit. Students are encouraged to pursue higher education, and the department provides the necessary guidance.

The Cybersecurity Department aims to empower current students with hands-on skills and ethical values, preparing them to protect our nation's digital realm with expertise and integrity.

### **FACULTIES' EVENTS ORGANIZED / PIONEERED/PARTICIPATION HIGHLIGHTS**

#### **Dr. Sanjeetha R:**

- Attended One Week FDP on "From Data to Deployment: A practical Approach to AI, NLP and MLOps" organized by the Department of Information Science and Engineering & Department of Computer Science and Engineering, from 24th February to 1st March 2025 at Ramaiah Institute of Technology, Bengaluru.
- Attended a talk on the VTU Consortium training program on EBSCO & IEEE resources, on 18-02-2025 at SaIT.
- Attended a 1-week FDP on "Enhancing Cognitive Computing with Generative AI: Advances, Challenges, and Applications " organized by the Department of Artificial Intelligence & Department of Artificial

Intelligence and Data Science, from 3rd to 7th March 2025 at Ramaiah Institute of Technology.

### **Prof. B. Ganga**

- Coordinator for the Institutional Research Open Day (IROD-25) on 25th April 2025, SaIT.
- Completed 30 hours of a training program on “Cybersecurity” organized by Excelr from 17<sup>th</sup> March to 7<sup>th</sup> April 2025.
- Coordinator for Six-day skill development program and one-day hackathon for 6<sup>th</sup> semester students of the CSE (Cyber Security) department from 5<sup>th</sup> May to 11<sup>th</sup> May.

### **Prof. Manjula K B**

- Attended One Week online FDP on “Blockchain & Web3” organized by Sri Sidharatha Institute of Technology in collaboration with ExcelR from 10<sup>th</sup> March to 17<sup>th</sup> March.
- Coordinated the Institutional Research Open Day (IROD-25) on 25<sup>th</sup> April 2025, SaIT.
- Completed 30 hours of a training program on “Cybersecurity” organized by Excelr from 17<sup>th</sup> March to 7<sup>th</sup> April 2025.
- Coordinated for the SAP HACKFEST in association with NextGrid for the 1<sup>st</sup> round held on 14<sup>th</sup> May 2025, at Sambhram Institute of Technology.
- Coordinator for a 6-day skill development program and a 1-day hackathon for 4<sup>th</sup> semester students of the CSE (Cyber Security) Department from 5<sup>th</sup> to 18<sup>th</sup> May.
- Completed NPTEL course and certification on
  - Microprocessors and interfacing

- Computer Networks and the Internet Protocol
- Microprocessors and Microcontrollers, received certificates.

- Attended 5 days Online FDP on “AI Agents” organized by Excelr from 12<sup>th</sup> May to 16<sup>th</sup> May 2025.
- Recognized as NPTEL STAR JAN-APR 2025 for completing six Courses
- Participated in the Technical Workshop for NPTEL Stars held on 6<sup>th</sup> July 2025 at IIT Madras.

### **Prof. Snehal Rathi**

- Participated in the college youth ideathon 2025-Faculty Development workshop-“Academic to Entrepreneur-Harnessing knowledge for impact” on 18-02-2025, conducted online.
- Attended One Week online FDP on “Blockchain & Web3” organized by Sri Sidharatha Institute of Technology in collaboration with ExcelR from 10<sup>th</sup> March to 17<sup>th</sup> March.
- Attended IISC Open Day on 1<sup>st</sup> March 2025, IISC, Bangalore.
- Coordinated the Institutional Research Open Day (IROD-25) on 25<sup>th</sup> April 2025, SaIT.
- Attended 5-day Online FDP on “AI Agents” organized by Excelr from 12<sup>th</sup> May to 16<sup>th</sup> May 2025.

## **FACULTIES CONDUCTION OF /FDP/CONFERENCE/ TECHNICAL TALK/PATENTS/ ACHIEVEMENTS**

- R. Sanjeetha. "An Automated Deep Neural Network (DNN) and Support Vector

Machine (SVM) Model for Facial Emotion Classification." In 2025 2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), pp. 1-7. IEEE, 2025. doi: 10.1109/RMKMATE64874.2025.11042392

- R. Sanjeetha. "Deep Belief Networks (DBN) for cloud-based malware detection and Analysis." In 2025 2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), pp. 1-7. IEEE, 2025. doi: 10.1109/RMKMATE64874.2025.11042424

- R. Sanjeetha. "Diabetic Retinopathy detection using Region based convolutional neural network (RCNN) and classification based on Retinal Fundus Images." In 2025 2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), pp. 1-7. IEEE, 2025. doi: 10.1109/RMKMATE64874.2025.11042613

- B.Ganga," Serverless cloud computing architecture for high performance AI Processing", Indian Patent App.202541035287

### **STUDENTS' METRIC ACTIVITIES EVENT CONDUCTED / PARTICIPATIONS**

- Students of 6th Semester Coordinated for AI Innovation Day on 27-02-2025, SaIT.
- Students of 6th Semester Participated in AI Innovation Day on 27-02-2025, SaIT.
- Naveen T S and Harsh Raj Chauhan won 2nd and 3rd prize, respectively, in the quiz of EBSCO training on VTU.
- Students of the 6<sup>th</sup> semester attended a talk on the VTU Consortium training program on EBSCO & IEEE resources, and

received certificates.

- Vinay H P, Sangam B S, Sangamesh To tiger, performed a Skit in the 24<sup>th</sup> VTU Youth Fest on 25-03-2025, Global Academy of Technology.
- Deepika P, participated in the 24<sup>th</sup> VTU Youth Fest-On Spot Painting and Coorting on 25-03-2025, Global Academy of Technology.
- Gara Advait Participated in hackathon REimagiNEWaste,7th Edition to tackle textile waste from 15<sup>th</sup> to 23<sup>rd</sup> March, 2025, NIFT, Bengaluru,
- 4th Semester Students Attended IISC Open Day on 1St March 2025, IISC, Bangalore.
- K Chandrakanth completed an Online Course on Digital Forensics Examiner in March 2025.
- Students of 6<sup>th</sup> semester Participated in institutional research open day (IROD-25) 25<sup>th</sup> April 2025SaIT.
- Students of the 6th semester visited the Industrial Visit to the SAP Lab on 26<sup>th</sup> April 2025
- Students of 4th semester attended placement training organized by the placement department in collaboration with Genesis from 21-04-25 to 25-04-25, SaIT.
- Deepak Kumar Rikhi completed the Course certification on Introduction to CIP Program in April 2025.
- Students of the 4th and 6<sup>th</sup> semesters selected for the 2nd level in the SAP hackathon held on 14<sup>th</sup> May 2025, SaIT.
- Students of the 4th and 6th semesters won Prizes. A hackathon was held at the department during the skill development program.

## EVENTS/ ACTIVITIES CONDUCTED BY THE DEPARTMENT

- Six-day skill development program on “Industrial Cyber Security” from 05-05-2025 to 10-05-2025 for 6<sup>th</sup> Semester.
- One-day hackathon on “HackOps: Industrial Cyber Security” for 6<sup>th</sup> semester

on 11-05-2025.

- Six-day skill development program on “Cyber Security Immersion” from 12-05-2025 to 17-05-2025 for 4<sup>th</sup> Semester.
- One-day hackathon on “Secure Sphere” for 4<sup>th</sup> semester on 18-05-2025.



Invitation Copy of Institutional Research Open Day & Invitation Copy of Skill Development Training program on “Industrial Cyber Security” for 6<sup>th</sup> Semester



Invitation Copy of Skill Development Training program on “Cyber Security immersion” for 4<sup>th</sup> Sem


**SAMBHRAM**  
 INSTITUTE OF TECHNOLOGY

**Department of CSE ( Cyber Security)**  
 In association with IQAC - SaIT, IIC - SaIT  
 Supported by student chapters of IETE,IEEE,ISTE &  
 Student forum - Cyber Ninja

**Cordially invites you for Hackathon**  
**HackOps: Industrial Cybersecurity**



CONDUCTED BY - SUPRAJA TECHNOLOGIES

**Chief Patrons**

Smt.Dhanya Nagaraj DIRECTOR , SGI	Sri. B. N. Nagaraj (IPS-Retd.) CEO-SGI	Dr. V. Nagaraj CHAIRMAN , SGI
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**Patrons**

Dr K. Anathapadmanabha Incharge Hod - CSE ( CY)	Dr M.N Sree Rangaraju Dean - Academics, SaIT	Dr H.G Chandrakanth Principal , SaIT
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**Invited By**

Ms Snehal Rathi Asst . Prof . CSE(CY)	Mrs Manjula K.B Asst . Prof . CSE(CY)	Mrs B. Ganga Asst . Prof . CSE(CY)
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**DATE : 11th May , 2025**  
**VENUE: Advanced Cyber Security LAB**  
**TIME : 9:00 a.m to 5:00 p.m**

Invitation Copy of Hackathon on “HackOps: Industrial Cybersecurity” for 6<sup>th</sup> Semester – 2025


**SAMBHRAM**  
 INSTITUTE OF TECHNOLOGY

**Department of CSE ( Cyber Security)**  
 In association with IQAC - SaIT, IIC - SaIT  
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 Student forum - Cyber Ninja

**Cordially invites you for Hackathon**  
**Secure Sphere**



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**Invited By**

Ms Snehal Rathi Asst . Prof . CSE(CY)	Mrs Manjula K.B Asst . Prof . CSE(CY)	Mrs B. Ganga Asst . Prof . CSE(CY)
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**DATE : 18th May, 2025**  
**VENUE : Advanced Cyber Security LAB**  
**TIME : 9:00 a.m to 5:00 p.m**

Invitation Copy of Hackathon on “Secure Sphere” for 4<sup>th</sup> Semester – 2025



Skill Development Program on “Soft Skill Training” conducted by Genesis for 4<sup>th</sup> Semester – 2025



Students' Participation in Women's Day celebration



Student Participation in Leo and Youth Exchange



Student Participation in Graduation Day, SaIT



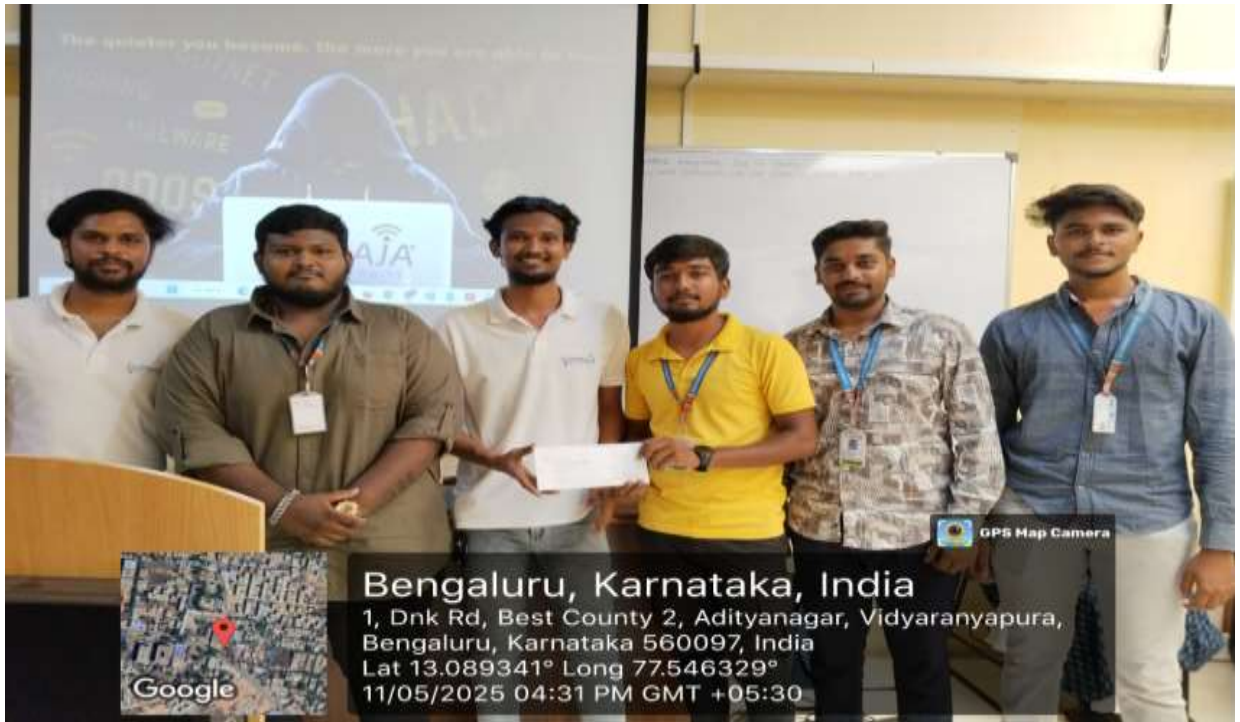
Participation in VTU Youth Fest at Global Academy of Technology



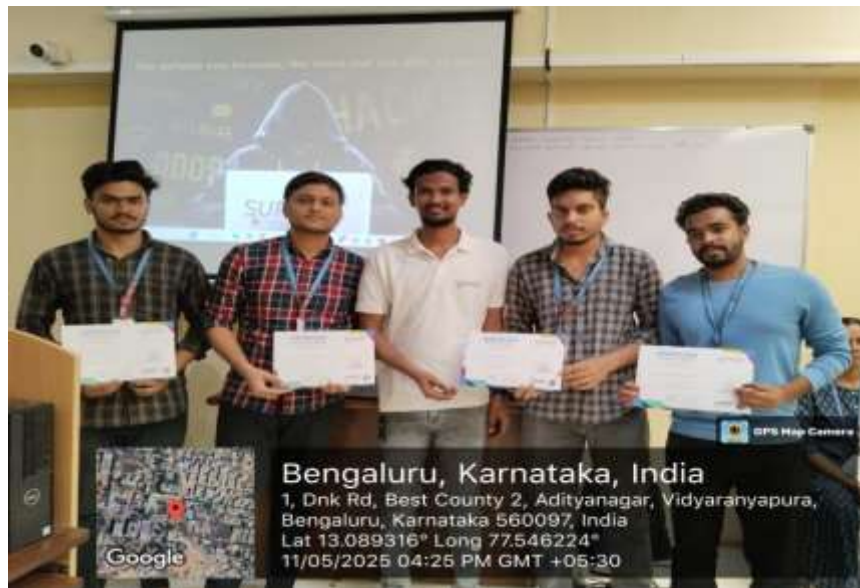
Skill Development Program on “Industrial Cyber Security” Conducted for 6<sup>th</sup> Semester Students



Skill Development Program on “Industrial Cyber Security” Conducted for 6<sup>th</sup> Semester Students



Winners of Hackathon “HackOps: Industrial Cyber Security” – 6<sup>th</sup> sem 2025



2<sup>nd</sup> prize winners of Hackathon “HackOps: Industrial Cyber Security” – 6<sup>th</sup> sem 2025



3<sup>rd</sup> prize winners of Hackathon “HackOps: Industrial Cyber Security” – 6<sup>th</sup> sem 2025



Winners of Hackathon “Secure Sphere” 2025 – 4<sup>th</sup> Semester



2<sup>nd</sup> prize winners of Hackathon “Secure Sphere” 2025 4<sup>th</sup> Semester



3<sup>rd</sup> prize winners of Hackathon “Secure Sphere” 2025 4<sup>th</sup> Semester



Industrial visit from 6<sup>th</sup> Semester Students



Students' Participation in "Blood Donation Camp" organized by Leo Club



Students' Participation in "Environmental Day" conducted by LEO Club



CSE(CY) Students attended IISc Open Day

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEBRUARY 2025 – JULY 2025

VOLUME 16: ISSUE23

The Department of Electronics and Communication Engineering (ECE) at Sambhram Institute of Technology, under the leadership of **Dr. Ravishankar (HoD)**, continues to flourish as a hub of academic excellence and innovation in 2025. With a curriculum aligned to NEP-2020 and Industry 4.0, the department emphasizes cutting-edge domains like AI, IoT, VLSI, Embedded Systems, and 5G Communication. Supported by experienced faculty, advanced laboratories, and strong industry collaborations, the department fosters research, hands-on learning, and student-centric development.

Key highlights include national-level project participation, certified programs such as Jetson AI, successful internships, and impressive placement records. Through its holistic approach to engineering education, the department remains committed to producing industry-ready professionals. **Prof. K. Nithiya** serves as the newsletter coordinator since 3.5 years and for February 2025 – June 2025

curating and presenting the department's milestones and achievements for the year.



**Dr. Ravishankar C.V , HOD – ECE IETE  
chairman, Bangalore**

## ACHIEVEMENTS BY FACULTY & STUDENTS:

The Institution of Electronics and Telecommunication Engineers  
Bangalore Center

Department of Electronics and Communication Engineering  
We cordially invite you to the Inauguration of  
**IETE STUDENT CHAPTER (ISF)**

**Chief Guest**  
  
Dr. C.V. Ravishankar  
Chairman, IETE Bangalore

**Guest of Honour**  
  
Mr. Harsha Anjanappa  
Executive committee member  
Cloud technical architecture manager  
(Accenture)

Date: 8th May 2025  
Time: 10.29 AM to 12.29 PM  
Venue: AV Hall  
second floor (D Block)

Dr. K. Venkateswaram  
Professor, ECE dept.  
IETE Coordinator

Dr. Pappa M.  
HOD,  
ECE Dept

Dr. Sanjay Jain  
Principal  
CMRIT

- **Dr.Ravishankar C.V** appeared as chief guest in CMRIT for inauguration of IETE student chapter (ISF) On May 8, 2025
- **Dr. Sowndeswari S** received her **Ph.D.** on February 8, 2025, marking a significant milestone in her academic career.



- **Final-year ECE students Sneha, Anuhya, Spoorthi, and Kavya G** won **1st prize** at the *Engineering Fair 2025*, held from March 18–20, 2025, at the Visvesvaraya Industrial & Technological Museum.
- **Student teams led by Mahendar, Deepak, Shilpa, Bhavana, and Rupesh Kumar** were **shortlisted** for KSCST funding under the 47th Student Project Programme on March 15, 2025.
- **Dr. Shreesha Kalkoor M** was **appointed as a VTU research supervisor** on April 21, 2025, overseeing scholar Bhargavi Kulkarni from the ECE department.
- **Dr. C. V. Ravishankar** delivered a **webinar** on "Gender Equality in Digital Transformation" via Zoom on May 19, 2025,

commemorating World Telecommunication and Information Society Day, hosted by The Institution of Engineers (India).

- **Seven ECE department projects were selected as semi-finalists for Anveshana 2025**, the science and engineering fair organized by Agastya International Foundation in collaboration with IEEE CUTM Student Branch.
- **Anveshana 2025 received sponsorship totaling ₹7,15,040**, which included ₹1,00,000 dedicated to prize money, provided by Synopsys (India) Pvt Ltd
- **Sneha, Anuhya, Spoorthi, and Kavya G**, final-year ECE students, achieved **1st prize at the Engineering Fair 2025** held from **March 18 to March 20, 2025**, at the Visvesvaraya Industrial & Technological Museum in Bengaluru
- **Five student teams comprising Mahendar, Deepak, Shilpa, Bhavana, and Rupesh Kumar** were shortlisted on **March 15, 2025**, for funding under the Karnataka State Council for Science and Technology (KSCST) Student Project Programme.

#### **FACULTIES PURSUING PH.D / RESEARCH WORK DETAILS**

Prof.Khamer, Prof.Bhargavi kulkarni Prof.Anupama Hongal from ECE are currently pursuing their research work

## EVENTS PARTICIPATION BY ECE FACULTIES/ STUDENTS

- 1) **LIC inspection** was held on **February 24, 2025**, and involved all ECE faculty and students to ensure compliance with departmental standards.
- 2) **Department meeting** took place on **February 21, 2025**, with full attendance by ECE faculty, and lasted from 11:00 to 12:15.
- 3) **Newsletter Board meeting** occurred on **February 13, 2025**, attended by 15 members across departments; the session was guided by Editor-in-Chief and HOD **Dr. C. V. Ravishankar**.
- 4) **Semester Commencement for IV and VI** semesters took place on **February 10, 2025**, with around 183 students marking the start of their academic term.
- 5) **World Radio Day 2025** was celebrated on **February 13, 2025**, with all ECE faculty in attendance. The event featured **Dr. Narasimha Swamy** as Chief Guest, an opening address by **Dr. C. V. Ravishankar**, and **Dr. Chandrakanth** (SaIT Principal) as Guest of Honour.
- 6) **International Day of Girls and Women in Science** event was organized by the Women's Cell on **February 14, 2025**,

coordinated by **Prof. Khamer** and **Prof. Nithiya**, and featured **Dr. V. Susheela Devi** from IISc Bengaluru as the Guest of Honour

- 7) **EBSCO Information Services Training**, led by trainer **Lakshpat Naruka**, was completed and certified by **Prof. Nithiya** on **February 18, 2025**.



- 8) **Online FDP on Cybersecurity (G-4)** was undertaken by **Prof. Srivani** and **Prof. Bhargavi** from **February 14 to February 20, 2025**.
- 9) **Online FDP on AI Tools** was attended by **Mrs. Shahina** at Dr. Ambedkar Institute of Technology from **February 17 to February 21, 2025**.
- 10) **International Conference on Intelligent Systems & Computational Networks (ICISCN 2025)** concluded with certification for **Prof. Nithiya** on **February 22, 2025**.
- 11) **Online FDP on Research Methodology & IPR** took place from

**February 24 to March 1, 2025**, participated in by **Prof. Srivani** and **Prof. Bhargavi** via Geethanjali Institute of Science and Technology.

12) **Workshop on Chip Design to Tapeout at SJC Institute of Technology** was attended by **Mrs. Shahina**, **Prof. Anupama**, and **Dr. Sowndeswari S** from **February 3 to February 8, 2025**.

13) **Innovation Express exhibition** took place from **February 14 to 15, 2025**, where **Dr. Sowndeswari S** served as Judge and Chief Experience Leader alongside **Dilip Kumar**.

14) **Streamlining Administrative Processes with Technology, IoT & VLSI (SDP)** online program was completed by **Mrs. Shahina** and **Mrs. Sumamma B N** from **February 27 to March 1, 2025**.

15) **Offline SDP on IoT & Its Applications** was then taken up by the same duo from **March 3 to March 10, 2025**.

16) **Offline session on VLSI Chip Design to Tapeout using Cadence Tool** was completed by **Mrs. Shahina** and **Mrs. Sumamma B N** from **March 10 to March 15, 2025**.

17) **Staff Orientation Program** for non-teaching faculty occurred on **March 7, 2025**, attended by **Mrs. Shahina**, **Mrs. Sumamma B N**, and **Mrs. Megha J D**.

18) **Health Awareness Session (Menstrual Hygiene)** was held on **March 27, 2025**, with all lady faculty and female students; **Mrs. Vedashree HR-WHM** was the Guest of Honour.

19) **Corporate Talk for MBA Students** was organized on **March 27, 2025**, in the CSE Seminar Hall featuring **Karthik**, Campus Recruitment Lead, as Guest of Honour.

20) **FDP on Future Trends in Machine Learning & Data-Science Driven IoT Applications** was attended by **Prof. Nithiya K** from **March 13 to March 17, 2025**, hosted by Haldia Institute of Technology.

21) **Jalave Jeeva Oath Campaign (Water Conservation)** was taken on **March 25, 2025**, by **Prof. Nithiya**, **Prof. Anupama**, **Prof. Bhargavi**, and separately by a group including **Sahina**, **Megha**, **Suma**, **Sowndeswari**, **Natraj**, **Srivani**, **Khameer Unnisa**, and **Chaitanya**.



#### **Jalave Jeeva Program**

22) **IoT & Its Applications (SDP) session** was coordinated by **Dr. Sowndeswari** and **Prof. Anupama** for IV and VI semester students on **March 3, 2025**.



23) **VLSI Chip Design to Tapeout session** in the EC Seminar Hall was attended by all ECE faculty from **March 10 to March 15, 2025.**

24) **Pink Walkathon**, a Women's Cell initiative, was held on **March 8, 2025**, coordinated by **Prof. Nithiya** and **Prof. Khamer Unnisa.**



**Pink Walkathon , ECE coordinators**

**Prof. Nithiya and Prof.**

**Khmer Unnisa**

25) **Generative AI FDP: Advances, Challenges & Applications** was led by **Prof. Chaitanya** on **March 3, 2025**, at MSRIT.

26) **“Wireless Traffic Capturing” webinar** was hosted by **Prof. Nithiya** via KOEING Institute on **March 10, 2025.**

27) **“Curve guard – A Hairpin Bend Accident Prevention System”** paper was presented by **Dr. Sowndeswari** at Christ University's ISSF 2025 on **March 13, 2025.**

28) **ISF Faculty Coordinator Certification** was awarded to **Dr. Sowndeswari** by IETE Bangalore on **March 8, 2025**, during International Women's Day celebrations.

29) **ASSOCHAM webinar on SEP** was attended by **Dr. Ravishankar**, ECE HOD, on **March 27, 2025.**

30) **Design Innovation Clinic (CMTI)** shortlisted seven VI semester batches on **March 15, 2025.**

31) **Talk on Bloom's Taxonomy** was delivered by **Dr. Sowndeswari** for ECE & CS faculty on **March 21, 2025.**

32) **FDP on Chip Design to Tapeout** was attended by **Dr. Shreesha KM** from **February 3 to February 8, 2025**, at SJC Institute of Technology.

33) **VTU Techno-Cultural Fest “YUKTI 2K25”** was attended on April 3, 2025, by Prof. C. Srivani and SaIT students. During the fest, Basavaraj (VI sem ECE) won 1st prize in photography, and Abhishek M (IV sem ECE) secured 3rd prize in face painting.

34) **PRATIRA-2025**, the 18th Series National Level Inter-College Project Competition & Ideathon, was held on April 4, 2025, at Sambhram Institute of Technology. It was coordinated by Prof. Chaitanya Danamraju and Prof. Nithiya K, with participation from all ECE staff and students. A total of 122 teams competed in the contest.



35) **Ambedkar Jayanti celebration** took place in the ECE seminar hall on April 15, 2025, organized by Prof. Anupama Hongal and attended by IV A & B semester students.

36) **Cera-Ve Consultation** was attended on April 17, 2025, by all ECE staff and students at the SaIT campus.

37) **“Co-pilot PowerPoint” webinar**, organized by Koeing Solution Pvt Ltd, was attended by Prof. Nithiya on April 18, 2025.



38) **Genesis Training placement program** was conducted from April 21 to April 25, 2025, for IV A & B section students.

39) **IROD-2025 Open Day** was held on April 25, 2025, coordinated by Dr. Shreeshha Kalkoor M, with registration managed by Prof. Nithiya K and Prof. Bhargavi; the event saw participation from all ECE faculty as well as VI & VIII semester students.

40) **Website details update** occurred on April 26, 2025, when Prof. Nithiya K submitted the revised content to Techie Mr. Narayana on the SaIT campus.

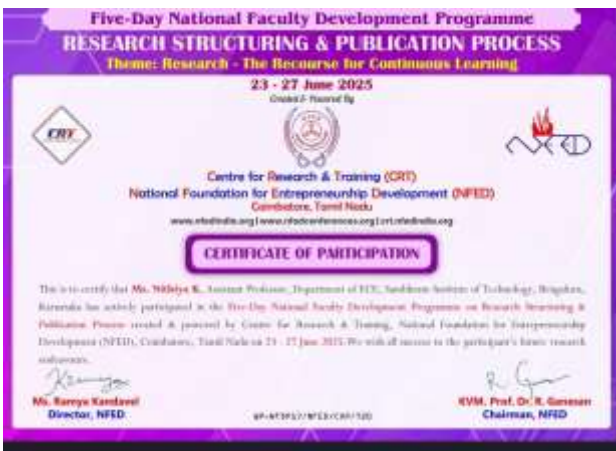
41) **IEEE International Conference on Knowledge Engineering & Communication Systems** took place from April 28 to April 29, 2025, at SJC Institute of Technology, where

Dr. Sowndeswari S represented the department.

42) **International conference** at SIT Tumkur was reviewed by Dr. Shreesha Kalkoor M on April 6, 2025, serving in the role of conference reviewer



43) Prof. Nithiya K, Prof. Srivani, Dr. Shreesha Kalkoor, and Prof. Anupama Hongal attended a 5-day Faculty Development Program on “Research Structuring & Publication Process” from 23rd to 27th June 2025, organized by the Centre of Research & Training, NFED.



44) Dr. Shreesha Kalkoor served as a reviewer for ICRIET 2025 at KS Institute of Technology (9th–10th May 2025), for ICSSSES 2025 at SIT, Tumkur (21st–22nd March 2025), and is currently reviewing papers for ICICCS 2025 at JSSATE, Bangalore.

45) On 5th June 2025, Dr. Sowndeswari S represented the department during World Environment Day celebrations held at Dr. T Thimmiah Institute of Technology.

46) Prof. Bharath S, Prof. Khamer Unnisa, and Prof. Nithiya K coordinated the **SAP Hackfest 2025 – State Hub Round (Semi-Final)** held on 5th July 2025 at the **SaIT campus**.

47) From 23rd to 27th June 2025, Prof. Bharath S, Prof. Khamer Unnisa, Prof. Srivani, Prof. Nithiya K, and Dr. Shreesha Kalkoor successfully completed a Faculty Development Program on “**Research Structuring & Publication Process**” organized by **NFED** in an online mode.

48) Prof. Nithiya K received certification for **NPTEL + Workshop on Effective Teaching**, completed on 9th May 2025 through the NPTEL platform.



49) On 6th July 2025, Prof. Bhargavi Arun Kulkarni participated in a **Technical Workshop for NPTEL Stars**, hosted by **IIT Madras**.



**Prof. Bhargavi @NPTEL Star program**

50) To commemorate the birth anniversary of Late Prof. B.S. Sonde, a **memorial lecture** was attended by **Dr. C.V. Ravishankar, Dr. Shreesha K.M, Prof. Sowndeswari S, Prof. Anupama H, Prof. Khamer Unnisa, Prof. Natraja P.R, and Prof. Srivani** on 22nd July

2025 at the **IETE Bangalore Centre, Ganganagar.**



51) From 24th to 26th July 2025, Prof. Bhargavi Arun Kulkarni attended a **Faculty Development Program on Effective Teaching in Engineering Education** held at **SKIT, Bangalore.**

52) On 25th July 2025, Prof. Sowndeswari S represented the department in a **collaborative initiative under the Sanchar Mitra Scheme**, hosted by the **Department of Telecommunications, Government of India, Bangalore.**

1) **India, Bangalore.**



53.) **Dr.Sowndeswari S** receiving **Best Teacher Award** from **Sri. N R Narayana Murthy**, Co-Founder Infosys.



**Prof. Anupama Hongal** receiving **Best Teacher Award** from **Sri. N R Narayana Murthy**, Co-Founder Infosys.

#### EVENTS HIGHLIGHTS

1. **YUKTI 2K25 (VTU Techno-Cultural Fest)** took place on **April 3, 2025**, at Muddenahalli and was attended by Prof. C. Srivani along with SaIT students. Basavaraj (VI sem, ECE) won 1st prize in photography, and Abhishek M (IV sem, ECE) secured 3rd prize in face painting
2. **PRATIRA-2025 (18th National Level Inter-College Project Competition & Ideathon)** was held on **April 4, 2025**, at Sambhram Institute of Technology. Coordinated by Prof. Chaitanya Danamraju and Prof. Nithiya K, all ECE staff and students participated, with 122 teams competing
3. **Ambedkar Jayanthi celebration** was organized in the ECE Seminar Hall on **April**

**15, 2025**, by Prof. Anupama Hongal and attended by IV A & B semester students.

4. **Cera-Ve Consultation** took place on **April 17, 2025**, and was attended by all ECE staff and students on the SaIT campus.



5. **Genesis Training placement program** ran from **April 21 to April 25, 2025**, for IV A & B section students.
6. **IROD-2025 Open Day** was held on **April 25, 2025**, coordinated by Dr. Shreesha Kalkoor M, with registration by Prof. Nithiya K and Prof. Bhargavi; attended by all ECE faculty and VI & VIII semester students.
7. **Website update for SaIT** was completed on **April 26, 2025**, by Prof. Nithiya K, who submitted the updates to Techie Mr. Narayana for updating the site
8. **IEEE International Conference on Knowledge Engineering & Communication Systems** occurred from **April 28–29, 2025**, at

SJC Institute of Technology, with Dr. Sowndeswari S representing SaIT.

- 9) **International conference review at SIT Tumkur** was conducted by Dr. Shreesha Kalkoor M on **April 6, 2025**, in the role of reviewer.



### EVENTS CONDUCTED BY ECE DEPARTMENT

- 1) **The World Radio Day 2025** was celebrated on **13th February 2025** at the **ECE Seminar Hall**, Sambhram Institute of Technology, Bangalore, under the banner of the **IETE Student Chapter – SaIT**. The event highlighted the significance and legacy of radio as a powerful communication medium. A special address was delivered by **Sri. R. Narasimha Swamy**, Retd. Dy. Director General (Engineering), Prasar Bharti, and Director at Varpas Media Technologies Pvt. Ltd., Bengaluru, who shared insights on the rich history and evolution of radio.
- 2) **LIC inspection (semiconductor)** took place on **February 24, 2025**, involving all ECE

faculty and students in a Monday session to streamline quality compliance.

- 3) **Newsletter board meeting** occurred on **February 13, 2025**, with 15 department board members; the session was led by Editor-in-Chief and HOD Dr. C. V. Ravishankar.
- 4) **Semester commencement** for IV and VI semesters was conducted on **February 10, 2025**, marking the start of the term for 183 students.
- 5) **IA marks entry session** for first-year subjects took place on **February 22, 2025**, with Prof. Nithiya, Dr. Shreesha, and Prof. Natraj overseeing.
- 6) **World Radio Day 2025 celebration** was recognized on **February 13, 2025**, with all ECE faculty attending. The event featured a keynote address by Dr. Narasimha Swamy as Chief Guest, an opening by Dr. Ravishankar CV, and a guest presentation by Dr. Chandrakanth, Principal of SaIT
- 7) **Industrial Visit to Electronic Training Institute, Bengaluru** was conducted on **March 29, 2025**, with 19 ECE faculty and student members participating, coordinated by Prof. Bhargavi.



**Industry visit on March 29, 2025, by IV-Semester -ECE**

8) **Pink Walkathon (Women’s Cell Event)** was held on **March 8, 2025**, with 50 ECE students participating. The event was coordinated by Prof. Nithiya and Prof. Khamer Unnisa.

9) **SDP on VLSI Chip Design to Tapeout using Cadence Tool**, featuring resource person Mr. Shivam Kumar (MD of Golden Barrel Technologies), took place on **March 10, 2025**, for VI & IV semester

students. The session was coordinated by Prof. Anupama and Dr. S.Sowndeswari

10) Dr. Ravishankar CV appeared as distinguished speaker organized by tech dialogues in May, 2025 for a topic discussion on AI.

**TECH DIALOGUES 2025**

**Master Class on Application Of Emerging Technologies**

**DISTINGUISHED SPEAKER**

**Dr. C.V. Ravishankar**  
Chairman, ITC, Bangalore  
Professor & IOD  
Sardar Vallabhbhai Institute of Technology  
Bangalore

**DISCUSSION TOPIC**  
AI - Present Trends, Business & Job prospects, and Expected professional growth for present engineers

**Saturday, May 3rd, Time: 6:00 - 7:30pm**  
Google Meet **SESSION LINK**  
<https://meet.google.com/zcd-mctd-qlkx>

**REGISTRATION LINK**  
<https://meet.google.com/zcd-mctd-qlkx>

**Disclaimer/Notes**  
1. All students attending at the session will receive 'Certificate of Participation'  
2. We have also included an AI-enabled Certification process which tests the level of learning obtained by the student from the session (Pre-AI generated MCQ questions) and defines students with grading, depending upon their performance. The session content is used strictly for setting up the question bank.

**SAMBHRAM INSTITUTE OF TECHNOLOGY**  
Ambabhavani Temple Road, Jalahalli East, M. S. Palya, Vidyanarayapura Post, Bangalore-97

**Department of Electronics and Communication Engineering**  
in association with

**IIC - SaIT & IQAC - SaIT**  
supported by

**Goldenbarrel Technologies Pvt. Limited**

cordially invites you to

**Five Days Skill Development Course**  
on  
**"VLSI - CHIP DESIGN TO TAPEOUT USING CADENCE TOOL"**  
(10/03/2025 to 14/03/2025)

**Inauguration**  
on  
**10th March 2025**

**Resource Person & Guest of Honour**  
**Mr. Shiva Kumar**  
Managing Director  
Goldenbarrel Technologies Pvt. Ltd.

**Chief Patrons**  
**Smt. Dhanya Nagaraj** Director, SGI  
**Sri. B. N. Nagaraj** IPS(Retd.), CEO, SGI  
**Dr. V. Nagaraj** Chairman, SGI

**Patrons**  
**Dr. M. N. Sreerangaraju** Dean - Academics, SaIT  
**Dr. H. G. Chandrakanth** Principal, SaIT

**Invited by**  
**Prof. Khamer Unnisa** Asst. Prof., Dept. of ECE, SaIT  
**Prof. Anupama Hongal** Asst. Prof., Dept. of ECE, SaIT  
**Dr. S. Sowndeswari** Assoc. Prof., Dept. of ECE, SaIT  
**Dr. Ravishankar C.V.** HOD, Dept. of ECE, SaIT  
IEEE-SaIT & Program Co-ordinator ISTE-SaIT & Program Co-ordinator IETE-ISP & Program Co-ordinator IEEECoverer

Supported by Student Chapters of SaIT - IETE, ISTE & IEEE & IETE - Bangalore

Venue: ECE Seminar Hall Timings: 9:30AM

11) **PRATIRA-2025 – 18th Series Inter-Collegiate Project & Ideathon Contest**

took place on **April 4, 2025**, with **300 members** participating. Coordinators were Prof. Nithiya K and Prof. Chaitanya Danamaraju

12) **Ambedkar Jayanti celebration** was held on **April 15, 2025**, with **IV A & B semester students** attending under the coordination of Prof. Anupama Hongal.

13) **Institutional Research Open Day 2025 (IROD-2025)** took place on **April 25, 2025**, with **175 ECE faculty and VI & VIII semester students** participating. Coordinators were Dr. Shreesha Kalkoor M and Prof. Nithiya K

14) **Shrusti 2025 – Mini Project Exhibition (9th Series)** took place on **May 3, 2025**, coordinated by Prof. Natraj and Prof. Chaitanya Danamaraju, showcasing projects by IV semester students.

15) **SAP-Hackfest 2025 Ideathon (Regional Round)** was conducted on **May 14, 2025**, featuring around 110 participating teams. The event was coordinated by Prof. Bharath. This aligns with the national-level SAP Hackfest 2025 series, which emphasized idea-based pitches under themes like sustainable business and ethical AI models

16) **EC Day 2025** was celebrated on **May 15, 2025**, with full participation from ECE students and staff, coordinated by Prof. Bharath and Prof. Anupama Hongal.



**Dr. C. V. Ravishankar, Dr. M. N. Sreerangaraju, Coordinators and alumni students**



17.) **International Conference 2025** occurred on **May 24, 2025**, involving VI semester students and external participants, coordinated by Dr. Sowndeswari S and Prof. Anupama Hongal.



18.) **SaIT Graduation Day 2025** took place on **May 9, 2025**, featuring VIII semester students. The event was organized with registrations by Prof. Nithiya K and Prof. Bhargavi A K.



19.) **VTU lab externals** for VIII semester students began from **May 26 to May 30, 2025**, covering project work and internship external examinations.

20.) **VTU Convocation Form Submission** occurred on **May 26, 2025**, coordinated by Prof. Nithiya K for VIII semester students.

21.) **VTU Exam & Backlog Applications Submission** for VIII semester students took

place from **May 22 to May 26, 2025** coordinated by Prof. Nithiya K.

22.) The department celebrated International Yoga Day on 21st June 2025 in association with Brahma Kumaris Rajyoga Foundation. Prof. Bhargavi, Prof. Nithiya K, Dr. Sowndeswari S, Prof. Srivani, Prof. Anupama Hongal, and Mrs. Megha coordinated the event, with BK Kavitha from Rajyoga Center and Basava Dhyana Center as chief guests.

23.) Vacation slots for faculty were approved in the ERP portal on 15th June 2025, initiated by Dr. Sowndeswari S and team, and approved by Dr. Ravishankar C.V.

24.) A student counsellor meeting was held on 2nd June 2025 in the DSP Lab, attended by Prof. Nithiya K, Prof. Bharath S, Prof. Bhargavi, Dr. Shreesha, Prof. Natraj, Prof. Chaitanya, and Prof. Srivani.

25.) Dr. Shreesha Kalkoor allotted as guide for research scholar under VTU during the current semester and has contributed as the question paper setter for both VTU Ph.D. and UG courses on 9th June 2025.

### STUDENTS ACHIEVEMENTS

- M. Abishek , Student of IV semester won III rd prize for face painting , at VTU



M Abhishek from ECE 4TH SEM WON 3RD PRIZE in face painting

- **Ruthika Shetty & Darshan final year student** was selected as the **Leader of Health Club Activities under the M POWER MNDS initiative**, under the mentorship of **Dr. Ravishankar C.V**



- Final year ECE student **Sahana Bhai** and her team presenting their project guided by **Prof.K.Nithiya** in Visveswaraya Technological

museum on March 18, 2025. Totally 3 batches attended this event

## PLACED STUDENTS

1. **Infosys placements held on February 15, 2025**, saw **Akhilaa S** and **Sneha R** successfully placed, each securing a **package of ₹3.6 LPA**.



**Akhilaa S** Hired as Systems Engineer

2. **Aviotron Aerospace** selected **7 students** as STEM Trainers, each receiving a **package of ₹3.8 LPA**. These graduates were placed on **February 15, 2025**



**G.Bhavana** –Placed in **Aviotron Aerospace** as **STEAM engineer**



Sahana bhai - Placed in **Aviotron Aerospace**  
as **STEAM engineer**

**3. Technologics Global Pvt. Ltd.** placed **2 students** as Software Trainees, each earning a **package of ₹4 LPA**. This placement drive reflects the strong placement support offered by Technologics

**4.Foxconn Bengaluru** conducted a **pool-campus drive** hired **1 student** as a **Trainee Engineer** with a **package of ₹3.8 LPA**.

**5.Soundarya M.R, Nagesh US, Shilpa K, Likitha RV , Ankit anurag** placed in Place Mantra on 19/6/25 for 4-6 LPA as Trainee engineers

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



**Dr. Nagaraja P**

### HOD MESSAGE & ABOUT THE DEPARTMENT

Artificial Intelligence and Machine learning (AI & ML) Department is one of the premier departments, started in the year 2022 with an intake of 60 students. The Department has good infrastructure and computing equipments supported by high speed Ethernet and wireless networks. The Department has a comprehensive curriculum on topics related to all aspects of Artificial Intelligence and Machine learning (AI & ML) with more emphasis on practical learning and integrates multidisciplinary activities to foster holistic development, enhancing students' knowledge, skills, and professional ethics.. The course structure is in line with latest advances in technology to equip the students with the latest developments in Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement learning, NLP, Human Computer Interaction, Data Science, Meta Heuristics, Computer Vision, Business Intelligence, and other interdisciplinary areas.

Pursuing AI and ML offers a promising career path with opportunities in cutting-edge industries and roles. It remains as the most preferred choice of all the students seeking admission in SAIT. We sincerely welcome the young talents to pursue studies, understand the changing technology and apply it for innovative ideas.

The department of Artificial intelligence and Machine learning at Sambhram Institute of Technology was established in the year 2022. It offers program at UG level. The institution and the department is affiliated to Visvesvaraya Technological University. The Artificial Intelligence and Machine Learning (AI & ML) Department is at the forefront of technological innovation, equipping students with the expertise to develop cutting-edge intelligent systems. This department serves as a hub of creativity and research, where students explore advanced algorithms, data-driven decision-making, and real-world problem-solving. With a curriculum blending theoretical foundations and practical applications, it empowers future engineers to push the boundaries of what machines can achieve. It encompass a vast spectrum of technical skills such as deep learning, neural networks, natural language processing, computer vision, and robotics. However, mastering AI & ML is not just about coding and algorithms—it demands critical thinking, creativity, problem-solving, and ethical reasoning. The ability to work in teams, communicate complex ideas effectively, and adapt to ever-evolving technologies is just as crucial. AI & ML have become the driving forces behind transformational change in society. From healthcare innovations to self-driving cars redefining transportation, the influence of AI is profound. These technologies are not just reshaping industries; they are improving lives, making the world smarter, safer, and more efficient. College students are the torchbearers of innovation, actively contributing to society through AI-driven projects, research initiatives, and entrepreneurial ventures. The college provides an ecosystem that fuels curiosity and fosters innovation. With state-of-the-art laboratories, expert mentorship, and industry tie-ups, students get unparalleled exposure to the latest AI trends. Through hackathons, internships, and collaborations with industries, they are not only gaining hands-on experience but also making meaningful contributions to technological advancements.

Artificial

Intelligence and Machine Learning are not just subjects—they are constantly evolving revolutions. As AI progresses from automation to human-like reasoning, fields like quantum computing, explainable AI, and ethical AI governance are gaining momentum. In this dynamic landscape, students and educators must stay ahead by embracing continuous learning and fearless. Through dedication, collaboration, and visionary thinking, the AI & ML Department is sculpting the engineers of tomorrow, preparing them to lead, innovate, and create a better, more intelligent future.

## **VISION**

To impart high quality professional training with sound footing on basis of principles of information Technology and to promote cutting edge research in fast changing field. to make our students technologically superior and ethically strong who in turn contribute to the advancement of society and mankind.

## **MISSION**

Evolve as a "CENTRE OF EXCELLENCE" to offer Technical Education and Research opportunities of very high standard to student develop the total personality of the individual and to facilitate transformation.

**M1:** To establish an environment that has the necessary infrastructure and human resources to impart domain knowledge meticulously.

**M2:** To implement experiential learning so that capable and industry ready students are produced every year.

**M3:** To groom students from the perspective of innovation and leadership.

**M4:** In still values of professional ethics, social responsibility, environment concern and lifelong learning.

## **TEACHING LEARNING PROCESS**

At the Department, our teaching and learning process is designed to provide students with a robust foundation in the curriculum while fostering critical thinking and practical skills.

An overview:

**Curriculum:** Our curriculum is thoughtfully structured to cover fundamental concepts in the subjects while offering flexibility for specialization in various disciplines. We integrate theoretical knowledge with hands-on laboratory experience to provide holistic education

**Interactive Classes:** Our classes are conducted in an interactive and engaging manner, fostering active participation and open discussions. We believe in creating a dynamic learning environment where students can ask questions, explore ideas, and challenge conventional thinking.

**Laboratory Work:** Laboratory work is an integral part of our teaching process. It allows students to apply theoretical knowledge in practical experiments, enhancing their problem-solving and analytical skills.

**Mentorship:** Our faculty members are not just educators but mentors who are accessible to students for academic and career guidance. We believe in nurturing talent and helping students reach their full potential.

**Assessment:** We have a rigorous assessment system in place to evaluate student progress and ensure that learning outcomes are met. Feedback is provided to help students continuously improve.

At the Department, we are committed to preparing our students for successful careers in academia, industry, and research. Our teaching and learning process is designed to inspire a lifelong passion for the subject and a commitment to scientific excellence.

## **FACILITIES**

Artificial Intelligence and Machine Learning Department of Sambhram Institute of Technology, affiliated with Visvesvaraya Technological University (VTU), boasts state-of-the-art computing facilities designed to support advanced academic and research activities. Each laboratory is meticulously designed to accommodate 30 students per session, fostering an environment conducive to collaborative learning and hands-on experience. The department is equipped with a total of 60 computer systems, complemented by essential peripheral devices, to ensure comprehensive access to cutting-edge technology.

To guarantee uninterrupted learning and research, all laboratories are supported by an efficient UPS power backup system. Additionally, the computer systems are seamlessly connected through a robust Wi-Fi and Local Area Network (LAN), enabling efficient data exchange and resource sharing across the laboratories. Furthermore, all laboratories are equipped with modern projector facilities to facilitate interactive teaching, presentations, and demonstrations. These facilities collectively provide an optimal environment for students and faculty to engage in academic excellence and technological innovation.

The Department is conducting Seminars, Workshops, Technical Talks, Guest lectures and various other technical and non-technical events with hands-on experience regularly for the benefit of students.

Key Skills in Artificial Intelligence and Machine Learning:

- Machine Learning.
- Deep Learning and Reinforcement learning.
- Generative AI & Prompt Engineering.
- Data analytics with R, Power BI and Tableau.
- Deep Neural Network Architectures.
- Natural Language Processing.
- Big Data for Machine Learning.

## AI & ML PROJECTS

Conversational AI

Mood based music recommendation system

Autonomous Vehicle

Disease detection system

Braille code generator for blind,

Autonomous drones or robots,

smart city traffic, optimization tools and many more...

## FACULTY PARTICIPATION IN FDP

1. Prof. Vikas M S has participated in one day workshop on Data Visualization on Power BI and Tablean conducted by the Department of ISE and AI&DS on 19<sup>th</sup> October, 2025



2. Prof. Vikas M S has been awarded certificate of participation in Faculty Development Program on Cyber Security from 14<sup>th</sup> Feb to 20<sup>th</sup> Feb 2025.

3. Prof. Vikas M S has been awarded certificate of participation in Faculty Development Program on Generative AI and Prompt Engineering from 21<sup>st</sup> April to 25<sup>th</sup> April 2025.

4. Prof. Vikas M S has been awarded certificate of Appreciation from Department of AI&ML in recognition of his valuable contribution and dedicated involvement as Faculty Coordinator for Institutional Research Open Day-2025.





8. Prof Saritha Kishore has been awarded Certificate of Participation in Faculty Development Program on Cyber Security from 14<sup>th</sup> -20<sup>th</sup> Feb 2025.

## STUDENTS PARTICIPATION IN HACKATHON

To encourage practical problem-solving and innovation, students are actively participating in national and international hackathons. These competitions provide an opportunity to apply AI, ML, and software development skills to real-world challenges.

### Benefits of Hackathons

Hands-on Learning: Students work on real-world projects and solve industry problems.



5. Prof. Vikas M S has participated in 3 Days Faculty Development Program on Celonis Process Mining using the Celonis Process Intelligence Platform conducted by ICT Academy from 7<sup>th</sup> may to 9<sup>th</sup> may 2025 at BMN Institute of Technology.

6. Prof. Vikas M S has been awarded the Certificate of Publication in Recognition of publication of the paper titled Posture Assessment Using Pose Detection in Python.

7. Prof. Vikas M S has participated in Faculty Development Program on Mathematics for Artificial Intelligence from 21<sup>st</sup> – 25<sup>th</sup> July 2025 at Ramaiah



Teamwork & Collaboration: Encourages students to work in teams, improving their team-building and leadership skills.

Networking Opportunities: Provides exposure to industry experts, mentors, and recruiters.

Recognition & Prizes: Winning or participating in hackathons enhances resumes and career prospects. The Head of the Department (HOD) and faculty members actively support students in their academic and extracurricular activities. Their continuous

guidance ensures that students get the best opportunities to learn, explore, and innovate.

### HOD's Support

- ★ Encourages student participation in hackathons
- ★ Provides access to research opportunities and industry collaborations.



Institute of Technology.

★ Ensures a student-friendly learning environment that fosters creativity.

Faculty Support

✦ Guides students in preparing for technical competitions and presentations.

✦ Provides mentorship and project supervision.

1. Shreyas M L, 6<sup>th</sup> sem has won First prize in the 48



hour hackathon of the National Level Online Hackathon, CodeStorm 2025 held from 9 – 15 March, 2025 organized by the Department of Computer Science and Applications, Christ Academy Institutions for Advanced Studies.

2. Shree Lakshmi L Kastoori, Jansi P, Venu S L, 4<sup>th</sup> sem has won the AI Innovation day title at Regional level which was organized by Bhashini, supported by Microsoft and powered by ID8NXT.

**STUDENTS PARTICIPATION IN TRAINING PROGRAMS& COURSE**

1. D Yogamrutha, 6<sup>th</sup> sem has completed 4



hours of Data Analytics using Power BI Workshop with END-



2. TO-END Project Organized by Tech Tip24.



2. Shravani M L, 6<sup>th</sup> sem has successfully completed the live workshop on Generative AI Tools on 15<sup>th</sup> March 2025.

3. Imran Ahamad, 4<sup>th</sup> sem has successfully completed Deep Learning essentials course conducted by IBM on July 22<sup>nd</sup> 2025.

**STUDENTS PARTICIPATION IN COMPETITIONS AND WINNERS**



1. Shreyas M L, 6<sup>th</sup> sem has secured 1<sup>st</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.



Institutional Research Open Day-2025 at Sambhram



2. Shravani M L, 6<sup>th</sup> sem has secured 1<sup>st</sup> prize in poster presentation held on the occasion of



Institute of Technology.

8. Usha H, 4<sup>th</sup> sem has secured 3<sup>rd</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.



Institutional Research Open Day-2025 at Sambhram Institute of Technology.

3. Vishwas S N, 6<sup>th</sup> sem has secured 1<sup>st</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.



4. Shraddha, 6<sup>th</sup> sem has secured 2<sup>nd</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.

5. Sukruth R, 6<sup>th</sup> sem has secured 2<sup>nd</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.

6. Imran Ahmad, 4<sup>th</sup> sem has secured 3<sup>rd</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.

7. B M Tushyath, 4<sup>th</sup> sem has secured 3<sup>rd</sup> prize in poster presentation held on the occasion of



9. Thrisha R, 4<sup>th</sup> sem has secured 3<sup>rd</sup> prize in poster presentation held on the occasion of Institutional Research Open Day-2025 at Sambhram Institute of Technology.

## INDUSTRIAL VISIT

An Industrial Visit is an educational tour designed to provide students with real-world exposure to industry operations, technologies, and innovations. It allows students to bridge the gap between theoretical knowledge and practical applications by interacting with professionals and observing industry processes firsthand. The Department organized an industrial visit to the ISRO Exhibition near HAL, providing students with an immersive learning experience in space technology and satellite applications.

The exhibition showcased India's space achievements, satellite missions, and



advancements in aerospace technology, giving students a deep understanding of ISRO's contributions to space exploration and scientific research.

### Key Highlights of the Visit

- ✓ **Live Demonstrations:** Students explored models of rockets, satellites, and space exploration systems.
- ✓ **Interaction with Experts:** Scientists and engineers provided insights into satellite technology, space research, and upcoming ISRO missions.

✓ **AI & Space Research:** Discussions on how AI and automation are playing a role in modern space exploration.

✓ **Career Guidance:** Students gained knowledge about career opportunities in aerospace, satellite technology, and AI applications in space research.

The visit was a great success, enriching students' understanding of space technology and its intersection with artificial intelligence and machine learning.

## VISIT TO IISC



The students of the Department of Artificial Intelligence and Machine Learning had the enriching



opportunity to visit the Indian Institute of Science (IISc), Bangalore for its annual Open Day event. This visit allowed students to witness cutting-edge

research, innovations, and technological advancements happening at one of India's premier research institutions.

This educational trip was more than just a visit—it was a transformative learning experience that broadened the horizons of aspiring engineers. We thank the faculty coordinators and IISc for making this memorable learning journey possible.

## WOMENS DAY CELEBRATION



On the occasion of International Women's Day, our college took a meaningful step towards social change and community health by organizing a rally dedicated to cancer awareness and anti-tobacco advocacy. The event was not only a celebration of womanhood but also a platform to promote public health and empowerment.

The rally was led by students and faculty members from the Department of Artificial Intelligence and Machine Learning, along with participants from other departments, who marched with enthusiasm, holding placards and raising slogans to spread awareness among the local community.

### Key Highlights of the Rally:

**Cancer Awareness:** Informative posters and slogans educated the public on early detection, preventive measures, and the importance of regular health check-ups—especially for women, who are often affected by breast and cervical cancers.

## STUDENTS SKILL DEVELOPMENT PROGRAM (SDP)

The Department of Artificial Intelligence and Machine Learning recently hosted a Skill

Development Program in collaboration with Vtricks Technologies on the topic “Structured and Unstructured Database Design and Management for Current Technology Needs.”



This insightful session aimed to bridge theoretical knowledge with real-world application, equipping students with skills relevant to today's data-driven technological landscape.

### Key Highlights of the Program:

**Understanding Database Types:** Students gained a clear distinction between structured (like SQL-based) and unstructured (such as NoSQL, document-based, and big data systems) databases.

**Industry Relevance:** Experts from Vtricks shared current industry trends, practical design methodologies, and performance optimization techniques essential for efficient database management.

**Interactive Learning:** The session encouraged student interaction, with live Q&A and conceptual clarity discussions, ensuring active engagement and deeper



understanding.

**Enhanced Technical Skills:** Students developed practical knowledge of database technologies used in modern industries, preparing them for internships and job roles.

**Career Readiness:** The session helped students understand how data is stored, accessed, and analysed in real-time applications, increasing their confidence in handling backend systems and data-centric projects.

**Project Improvement:** Many students expressed that the session helped them rethink their current project architectures, especially in choosing the right database models.

**Broader Perspective:** Exposure to both traditional and modern data management systems helped students adapt to diverse tech stacks, a critical skill for future software engineers and data professionals.

This event marks another step towards our department's commitment to fostering skill-based education and industry readiness among students. We extend our gratitude to Vtricks Technologies for delivering a session that was both enlightening and impactful.

## BLOOD DONATION CAMPAIGN



1. Venu S L awarded Certificate of Appreciation in recognition of his valuable contribution to save many precious lives by donating blood on 9<sup>th</sup> April 2025.

## FOOD WALK -AIML

1. Team-The Hungry Hikers has won 1<sup>st</sup> prize at the department food walk competition.

2. Team- The Foodie Footsteps.



3. Team- Tasty Trekkers.

4. Team- Mile & Meals.

5. Team- Flavour Finders.

## NSS (NATIONAL SERVICE SCHEME)

The National Service Scheme (NSS) is a Central Sector Scheme of the Government of India, launched in 1969 the birth centenary year of Mahatma Gandhi. It is implemented by the Ministry of Youth Affairs & Sports. The main objective of NSS is to develop the personality and character of student youth through voluntary community service.

**Motto:**

“Not Me, But You” – This reflects the essence of democratic living and upholds the need for selfless service and appreciation of other person's point of view.

**Objectives of NSS:**

- To understand the community in which the volunteers work.

- To develop a sense of social and civic responsibility.
- To use their education in finding practical solutions to individual and community problems.
- To develop leadership qualities and democratic attitudes.
- To gain skills in mobilizing community participation.
- To promote national integration and social harmony.

**Impact on Students:**

- Enhances leadership and teamwork skills.
- Improves problem-solving and communication abilities.
- Builds a sense of responsibility towards society.
- Helps students understand rural life and real-world challenges.
- Encourages them to be proactive citizens and



change-makers.



## DEPARTMENT OF BASIC SCIENCE

**FEBRUARY – JULY 2025**

### DEPARTMENT OF MATHEMATICS

#### EVENTS PARTICIPATION

##### Dr Appaji Gowda

- Attended FDP on Exploring linear Algebra & Graph theory with sage Math from 3-7th Feb 2025

##### Venkatesh M.G

- FDP on Cyber security 14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- “Two days workshop on Latex for academic writing”
- “Seminar on role of graph theory in Various fields”
- “5 days online national faculty development program on research structuring and publication process”

##### Nayana H.R

- Attended FDP on “Cyber security “14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- Attended FDP on “Recent trends in graph theory “– 3<sup>rd</sup> -7<sup>th</sup> march 2025
- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025
- Expert talk (online) on “sudoku number of a graph
- “Two days workshop on Latex for academic writing” from 3-4<sup>th</sup> June 25
- Attended Expert talk on “Need of Fuzzy numbers in Grading System”- 13<sup>th</sup> June 25
- Attended “Seminar on role of graph theory in Various fields” on 18<sup>th</sup> june25
- Participated on “5 days online National faculty development program on Research

Structuring and Publication process” from 23-27<sup>th</sup> June25

##### Dharani .B.Shetty

- Attended FDP on “Cyber security “14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- Attended FDP on “Recent trends in graph theory “– 3<sup>rd</sup> -7<sup>th</sup> march 2025
- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025
- “Two days workshop on Latex for academic writing” from 3-4<sup>th</sup> June 25
- Attended Expert talk on “Need of Fuzzy numbers in Grading System”- 13<sup>th</sup> June 25
- Attended “Seminar on role of graph theory in Various fields” on 18<sup>th</sup> june25
- Participated on “5 days online National faculty development program on Research Structuring and Publication process” from 23-27<sup>th</sup> June25

##### Kalavathi.N

- Attended FDP on “Cyber security “14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- Attended FDP on “Recent trends in graph theory “– 3<sup>rd</sup> -7<sup>th</sup> march 2025
- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025
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- Participated on “5 days online National faculty development program on Research Structuring and Publication process” from 23-27<sup>th</sup> June25

##### Sushmitha.B

- Attended FDP on “Cyber security “14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025
- “Two days workshop on Latex for academic writing” from 3-4<sup>th</sup> June 25
- Attended “Seminar on role of graph theory in Various fields” on 18<sup>th</sup> june25

- Participated on “5 days online National faculty development program on Research Structuring and Publication process” from 23-27<sup>th</sup> June25

Asha.A.L

- Attended FDP on “Cyber security “14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- Attended FDP on “Recent trends in graph theory “– 3<sup>rd</sup> -7<sup>th</sup> march 2025
- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025
- “Two days workshop on Latex for academic writing” from 3-4<sup>th</sup> June 25
- Attended “Seminar on role of graph theory in Various fields” on 18<sup>th</sup> june25
- Participated on “5 days online National faculty development program on Research Structuring and Publication process” from 23-27<sup>th</sup> June25
- Participated in an Executive Training Program on MATLAB – 25<sup>TH</sup> -27<sup>TH</sup> March 25

**Ram Tuls.M**

- Attended FDP on “Cyber security “14<sup>th</sup> feb - 20<sup>th</sup> feb 2025
- Attended FDP on “Recent trends in graph theory “– 3<sup>rd</sup> -7<sup>th</sup> march 2025
- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025
- “Two days workshop on Latex for academic writing” from 3-4<sup>th</sup> June 25
- Attended Expert talk on “Need of Fuzzy numbers in Grading System”- 13<sup>th</sup> June 25
- Attended “Seminar on role of graph theory in Various fields” on 18<sup>th</sup> june25
- Participated on “5 days online National faculty development program on Research Structuring and Publication process” from 23-27<sup>th</sup> June25

**Aishwarya.m.Gowda**

- Attended FDP on “Math behind GPS technology” -18<sup>th</sup> march 2025

- “Two days workshop on Latex for academic writing” from 3-4<sup>th</sup> June 25
- Attended “Seminar on role of graph theory in Various fields” on 18<sup>th</sup> june25
- Participated on “5 days online National faculty development program on Research Structuring and Publication process” from 23-27<sup>th</sup> June25

## DEPARTMENT OF PHYSICS

**Dr Bhavana HV**

- Participated in FDP on Cyber security on 14th Feb to 20th Feb 2025.
- FDP on Research paper writing and publishing in SCI/Scopus Indexed journals on 4th Jan to 6th Jan 2025.

### ❖ Department of Chemistry

**Leela TD**

- Wayanamac Education Trust Don Bosco Institute of Technology
- 5 days Online Faculty Development Programme on Innovations in Material Science & Engineering for Promoting Sustainability- 2025 -10-14th March 2025

**Monika TD**

- Wayanamac Education Trust Don Bosco Institute of Technology
- 5 days Online Faculty Development Programme on Innovations in Material Science & Engineering for Promoting Sustainability- 2025 -10-14th March 2025

**Krithika K.**

- Wayanamac Education Trust Don Bosco Institute of Technology
- 5 days Online Faculty Development Programme on Innovations in Material Science & Engineering for Promoting Sustainability- 2025 -10-14th March 2025

- FDP on NEP-2020: Orientation & Sensitization under Malaviya Mission - Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), MoE, GoI, organized by UGC-MMTTC, JNV University, Jodhpur, Rajasthan, from 17 to 25 March 2025 with grade A+.

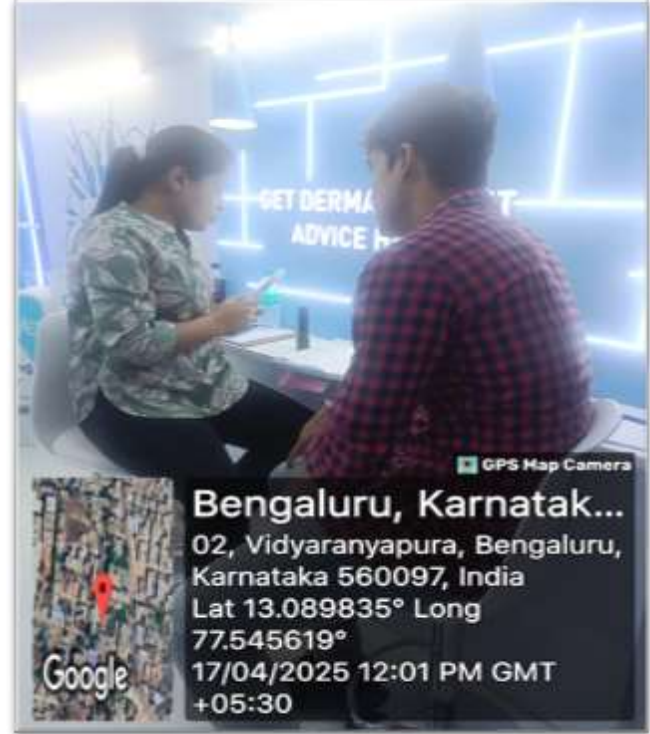
## **EVENT'S ORGANIZED / PIONEERED / PARTICIPATION HIGHLIGHTS**

### **CeraVe Skin Consultation & Giveaway**



The CeraVe Skin Consultation and Giveaway event was held at Sambhram Institute of Technology (SAIT) on 17th April 2025. The event aimed to spread awareness about skincare among students and staffs, while also providing personalized dermatological advice and product exposure through the CeraVe brand. 560 registrations were made and around 300 students consulted the Doctor.





## Report on Health Awareness Program on Women Health Matters – Menstrual Hygiene at SaIT on 27/03/2025

On March 27th, 2025, the Women’s Cell at SaIT, in collaboration with the IIC Cell, organized an insightful and impactful **Health Awareness Program on Women Health Matters, focusing on Menstrual Hygiene**. The event aimed to raise awareness about the importance of menstrual health, hygiene practices, and the critical role they play in overall well-being. The program was held from



**2 PM onwards**, drawing a large group of students, faculty, and distinguished guests.

management. Her address focused on educating participants about proper hygiene practices, overcoming societal taboos, and promoting better menstrual health.

The session concluded successfully, leaving a lasting impact on the attendees and contributing to a broader conversation about women's health and hygiene.

Overall, the program was a great success, fostering an open and informative environment where attendees gained valuable knowledge and practical insights into menstrual health. The event contributed to raising awareness about menstrual hygiene and empowering women with the knowledge to take better care of their health.

### **Photos of the event**







## **Science Day -2025:**

Date: 28/02/2025 Venue C BLOCK

**Organized by: Department of Basic Science**

Sambhram Institutions. Introduction National Science Day was celebrated with great enthusiasm at Sambhram Institutions on 28/02/2025 between 10:00 AM-1:00 PM to commemorate the Evolution of

2. Poster Exhibition One of the highlights of the day was the Poster Exhibition on the theme “Science and Technology for Sustainable Future.”

## Student's Insight:

Students participated at College Open day



Students participated at Inter college Cultural Events







Participated in National Open day 2025 At IISC Bangalore with Students



Mathematics Department at IISC Bangalore



# Department of MBA

February 2025 - July 2025



The Department of MBA at Sambhram Institute of Technology (SaIT) offers a comprehensive management program affiliated with Visvesvaraya Technological University (VTU). Designed to equip students with essential business and leadership skills, the program provides specializations in Finance, Marketing, Human Resources, and Business Analytics. The curriculum integrates theoretical concepts with practical applications through case studies, industry projects, and interactive learning methods. With a strong emphasis on real-world exposure, students benefit from internships, guest lectures, and workshops that help them develop analytical and strategic thinking abilities.

Led by Prof. C R Krishna Prasad, the department has a team of experienced faculty members with academic and industry expertise. The well-equipped infrastructure, including smart classrooms, a modern library, and advanced computer labs, enhances the learning experience. The placement cell actively collaborates with reputed organizations, ensuring students receive ample internship and job opportunities. Additionally, career development programs focusing on soft skills, interview preparation, and corporate networking further strengthen students' readiness for the business world. With a blend of academic excellence, industry relevance, and career support, the MBA department at SaIT is a strong choice for aspiring management professionals.

# Activities Organised by Department of MBA

## 1. Green Initiative - 17/02/2025



On 17th February 2025, the Department of MBA at Sambhram Institute of Technology proudly organized a Green Initiative as part of its commitment to environmental sustainability and social responsibility. The event aimed to raise awareness among students and faculty about eco-friendly practices and the urgent need for environmental conservation. Activities such as a tree plantation drive, eco-awareness poster exhibition, and a seminar on sustainable living were conducted, encouraging active student participation. The initiative not only promoted green values but also inspired future managers to incorporate sustainability into business practices.

## 2. Session on achieving problem solution fit and product market fit - 28/02/2025



The Department of MBA at Sambhram Institute of Technology organized an insightful session on "Achieving Problem-Solution Fit and Product-Market Fit" on 28/02/2025. The session aimed to enhance students' understanding of key startup validation concepts essential for entrepreneurial success. Through real-world examples and interactive discussions, students explored how to identify customer problems accurately, design viable solutions, and align products with market demands. The session provided valuable learning on innovation, value creation, and market alignment, equipping students with practical frameworks to refine business ideas and validate them effectively before market launch.

# Activities Organised by Department of MBA

## 3. Resume Building Session - 10/03/2025



The Department of MBA at Sambhram Institute of Technology conducted a Resume Building Session on 10/03/2025, aimed at enhancing the employability skills of students. The session focused on guiding students to create professional, impactful, and industry-relevant resumes tailored to various job roles. Key aspects such as structure, content, formatting, and the importance of showcasing achievements and skills were covered in detail.

## 4. Aptitude and Reasoning Testing - 11/03/2025



The Department of MBA at Sambhram Institute of Technology organized an Aptitude and Reasoning Testing session on 11/03/2025 to help students strengthen their problem-solving and analytical skills. The session included practice questions on quantitative aptitude, logical reasoning, and verbal ability, which are essential for placement preparation. It provided students with an opportunity to assess their strengths and areas for improvement.

# Activities Organised by Department of MBA

5. Group Discussion Session - 12/03/2025
6. Visit to ISEC - 13/05/2025



The Department of MBA at Sambhram Institute of Technology conducted a Group Discussion Session on 12/03/2025 to enhance students' communication, critical thinking, and team collaboration skills. The session involved discussions on current topics and business issues, helping students improve their confidence, articulation, and ability to present viewpoints effectively—skills essential for placement and professional success.

On 13/05/2025, the Department of MBA at Sambhram Institute of Technology arranged an educational visit to the Institute for Social and Economic Change (ISEC). The visit offered students meaningful exposure to research in social and economic development, public policy, and related areas. Engaging with experts and learning about ongoing projects helped students connect theoretical concepts with practical insights, enhancing their understanding of real-world policy and development challenges.

# Activities Organised by Department of MBA

## 7. POSH - 21/05/2025



On 21/05/2025, the Department of MBA at Sambhram Institute of Technology held an awareness session on the Prevention of Sexual Harassment (POSH). The session focused on informing students about their rights, the importance of respectful conduct in the workplace, and the legal framework of the POSH Act. It highlighted the procedures for reporting and addressing complaints, promoting a culture of safety and inclusivity. The session aimed to prepare students to foster respectful and harassment-free professional environments.

## 8. World Environmental Day - 05/06/2025



The Department of MBA at Sambhram Institute of Technology observed World Environment Day on 05/06/2025 to promote environmental awareness and responsibility among students. Various activities were organized to highlight the importance of sustainability, conservation, and eco-friendly practices. The event encouraged students to reflect on their role in protecting the environment and inspired them to adopt greener habits for a sustainable future.

# Activities Organised by Department of MBA

## ç. Workshop on Copyright on Occasion of World IPR Day - 0ç/06/2025



On 0ç/06/2025, the Department of MBA at Sambhram Institute of Technology organized a workshop on Copyright in observance of World Intellectual Property Rights (IPR) Day. The session aimed to educate students on the significance of copyright laws, their role in protecting creative works, and the broader impact of IPR on innovation and business. It helped students gain a better understanding of legal protections for intellectual assets and the importance of respecting intellectual property in professional settings.

# Industrial Visit

## 1. KSIC - 16/05/2025



On 16/05/2025, the Department of MBA at Sambhram Institute of Technology organized an industrial visit to Karnataka Silk Industries Corporation (KSIC). The visit provided students with firsthand exposure to the manufacturing and processing of silk, showcasing various stages from raw silk production to finished products. It offered valuable insights into operations, quality control, and supply chain practices within the textile industry, enhancing students' practical understanding of industrial processes and business functions.

# Experiential Learning

## 1. IKEA - 25/02/2025



On 25/02/2025, the Department of MBA at Sambhram Institute of Technology organized an experiential learning visit to IKEA. The visit aimed to provide students with practical insights into global retail operations, customer experience strategies, and supply chain management. Observing IKEA's store layout, product displays, and sustainable business practices helped students connect classroom concepts with real-world applications, enriching their understanding of international business and retail management.

## 2. Lulu Mall - 26/06/2025



On 26/06/2025, the Department of MBA at Sambhram Institute of Technology organized an experiential learning visit to Lulu Mall. The visit aimed to expose students to modern retail operations, consumer behavior, visual merchandising, and service management practices. By observing the functioning of various retail outlets and interacting with store personnel, students gained practical insights into retail strategies and customer engagement techniques, enhancing their understanding of the dynamic retail environment.

## Extra - Curricular Activities

### 1. The Price of Awareness - 2ç/05/2025



On 2ç/05/2025, the Department of MBA at Sambhram Institute of Technology presented a thought-provoking skit titled “The Price of Awareness.” The skit aimed to raise awareness about critical social issues and the consequences of ignorance or indifference. Through impactful storytelling and engaging performances, students highlighted the importance of being informed, responsible, and proactive citizens. The skit effectively conveyed its message, encouraging the audience to reflect on societal challenges and the role of awareness in driving positive change.

# Faculty Development Programme Attended by Faculties

Prof. Vanishree G M attended 5 Day National Faculty Development Programme - Research Structuring and Publication Process - 23/06/2025 - 27/06/2025

Prof. Kanika attended 5 Day National Faculty Development Programme - Research Structuring and Publication Process - 23/06/2025 - 27/06/2025



Prof. Sheikh Nida Afreen A attended 5 Day National Faculty Development Programme - Research Structuring and Publication Process - 23/06/2025 - 27/06/2025

Prof. Rashmi D attended 5 Day National Faculty Development Programme - Research Structuring and Publication Process - 23/06/2025 - 27/06/2025



# Faculty Development Programme Attended by Faculties

Prof. Vanishree G M attended 5 Day FDP on High Impact Research Writing in the Era of AI Organised by School of Commerce and Management Studies Dayananda Sagar University - 21/04/2025 - 25/04/2025

Prof. Kanika attended 5 Day FDP on High Impact Research Writing in the Era of AI Organised by School of Commerce and Management Studies Dayananda Sagar University - 21/04/2025 - 25/04/2025



Prof. Sheikh Nida Afreem A attended 5 Day FDP on High Impact Research Writing in the Era of AI Organised by School of Commerce and Management Studies Dayananda Sagar University - 21/04/2025 - 25/04/2025

Prof. Rashmi D attended 5 Day FDP on High Impact Research Writing in the Era of AI Organised by School of Commerce and Management Studies Dayananda Sagar University - 21/04/2025 - 25/04/2025



# Faculty Development Programme Attended by Faculties

**Prof. Vanishree G M attended 6 Days FDP on Elevating Research Excellence: Methods, Tools and Ethics Organised by R&D Cell in Association with IQAC, Nagarjuna College of Management Studies - 03/02/2025 - 08/02/2025**



**Prof. Kanika attended 6 Days FDP on Elevating Research Excellence: Methods, Tools and Ethics Organised by R&D Cell in Association with IQAC, Nagarjuna College of Management Studies - 03/02/2025 - 08/02/2025**



**Prof. Sheikh Nida Afreen A attended 6 Days FDP on Elevating Research Excellence: Methods, Tools and Ethics Organised by R&D Cell in Association with IQAC, Nagarjuna College of Management Studies - 03/02/2025 - 08/02/2025**



# Conferences Attended by Faculties

Prof. Vanishree G M attended International Conference on Innovative Horizons-Uniting Management, Accounting, Sustainability and Technology - 22/03/2025



Prof. Kanika attended International Conference on Innovative Horizons-Uniting Management, Accounting, Sustainability and Technology - 22/03/2025



Prof. Sheikh Nida Afreen A attended International Conference on Innovative Horizons- Uniting Management, Accounting, Sustainability and Technology - 22/03/2025



Prof. Rashmi D attended International Conference on Innovative Horizons-Uniting Management, Accounting, Sustainability and Technology - 22/03/2025



# Conferences Attended by Faculties

Prof. Vanishree G M attended International Conference on AI Applications in Architecture, Design, Engineering and Management (ICAI-ADEM 2025) - 10/05/2025



Prof. Kanika attended International Conference on AI Applications in Architecture, Design, Engineering and Management (ICAI-ADEM 2025) - 10/05/2025



Prof. Sheikh Nida Afreen A attended International Conference on AI Applications in Architecture, Design, Engineering and Management (ICAI-ADEM 2025) - 10/05/2025



Prof. Rashmi D attended International Conference on AI Applications in Architecture, Design, Engineering and Management (ICAI-ADEM 2025) - 10/05/2025



# Conferences Attended by Faculties

Prof. Vanishree G M attended 5<sup>th</sup> International Conference on Vikasit Bharat 2047: Sustainable Business Development Strategies for Inclusive Growth - 10/03/2025



Prof. Kanika attended 5<sup>th</sup> International Conference on Vikasit Bharat 2047: Sustainable Business Development Strategies for Inclusive Growth - 10/03/2025



Prof. Sheikh Nida Afreen A attended 5<sup>th</sup> International Conference on Vikasit Bharat 2047: Sustainable Business Development Strategies for Inclusive Growth - 10/03/2025



# Conferences Attended by Faculties

Prof. Vanishree G M attended 1 Day National Seminar on Inclusive Insurance - A Vision for 2047 and Need for Universal Social Security - 14/03/2025

Prof. Kanika attended 1 Day National Seminar on Inclusive Insurance - A Vision for 2047 and Need for Universal Social Security - 14/03/2025



Prof. Sheikh Nida Afreeen A 1 Day National Seminar on Inclusive Insurance - A Vision for 2047 and Need for Universal Social Security - 14/03/2025



## STUDENTS CORNER - ARTS



Artwork created by Fathima Nandini, 4<sup>th</sup> semester, Cybersecurity



Artwork created by Fathima Nandini, 4<sup>th</sup> semester, Cybersecurity



Artwork created by Fathima Nandini, 4<sup>th</sup> semester, Cybersecurity



Artwork created by Fathima Nandini, 4<sup>th</sup> semester, Cybersecurity



Artwork created by Fathima Nandini, 4<sup>th</sup> semester, Cybersecurity



Artwork created by Vinay H P, 6<sup>th</sup> semester, Cybersecurity



Artwork created by Vinay H P, 6<sup>th</sup> semester, Cybersecurity



Artwork created by Vinay H P, 6<sup>th</sup> semester, Cybersecurity



Artwork created by Vinay H P, 6<sup>th</sup> semester, Cybersecurity



Artwork created by Vinay H P, 6<sup>th</sup> semester



Artwork created by Deepika P, 6<sup>th</sup> semester, Cybersecurity



Artwork created by Deepika P, 6<sup>th</sup> semester



Artwork created by Deepika P, 6<sup>th</sup> semester



Artwork created by Deepika P, 6<sup>th</sup> semester



Artwork created by Deepika P, 6<sup>th</sup> semester



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Artwork created by Deepika P, 6<sup>th</sup> semester



Artwork created by Deepika P, 6<sup>th</sup> semester



Artwork created by Deepika P, 6<sup>th</sup> semester



Art by Jaanu (Bsec CSE –II semester)

## POEMS WRITTEN BY A STUDENT

### **Pain:**

I was shivering in pain  
I lay there in vain.  
I began to think about you, to remember a different warmth i had felt before.  
But this time i felt a dark pit of Coldness.  
How?  
How could you do this to me?  
How could you make me feel this.  
How much pain does warmth turn my inside into coldness.  
As i lay which seemed like my death bed.  
I remembered the times when you made my cheeks red.  
The memory of all the gifts,  
the secret sneak trips,  
Tears down my lips.  
The questions of why's?  
"Take my hand,Take my whole life too?".  
I remembered the dreams of the Halley's comet showering in the sky with us,  
But you weren't there.  
I thought you are the key to relax my anxiety.  
But for all I knew you took my life that day so grantedly.  
A case of alcohol was enough to make you forget about me.  
But even in my death bed i thought of we.

**BY - Manasvi V,4<sup>th</sup> Semester**

### **Euphoria:**

Here she goes again,  
Her minds in a state of trouble  
Her body feels like it is about to crumble.  
I cry out loud with pain whilst being on mute  
Dressing up with makeup and hairs looking cute.  
She addresses others pain while masking hers  
She's done cascading herself  
For all bad things come to an end  
Momentary joy is all she gets  
Looking down to herself is all she does

### **Apocalypse**

I can hear the sounds of anger next door as I wake off my eyes and hear the  
rage,sadness and scared voices of my surrounding.  
The demon has taken us down.  
The flame of victory is burnt and bursted.  
  
The river flows with the shade of human as his blood flows with the waters.  
Can't change the words.  
Can't take up responsibility.  
Can't unhurt back.

Damage is done!  
The choice of opportunity lies on the women whose hurt,alone and hundreds of hers are  
waiting on her.

She can either run from the demon or she can fight for her hundreds.



She listens to the pounding heart of her animal and tells her soul-



"It's gonna be okay, love"

- **Yogini V, 6<sup>th</sup> Semester**

ಹರೇ ಕೃಷ್ಣ  

ಕಗತ್ತಲೆಯು ಎಷ್ಟೇ ಕರಾಳವಾಗಿದ್ದರು  
ಸಣ್ಣ ಕಿರಣವು ಭರವಸೆಯ ಬೆಳಕನ್ನು ಚಿಲ್ಲುವುದು  
ದುಷ್ಟತನವು ಎಷ್ಟೇ ಕಾಲ ಮೆರೆದರು  
ಧರ್ಮ ತಪ್ಪದೆ ಅಧರ್ಮವನ್ನು ಅಳಿಸುವುದು

ಕನ್ನಡ  

ಸುಳ್ಳು ನೀರಿನ ಗುಳ್ಳೆ ಹಾಗೆ ಮುಟ್ಟಿದ್ರೆ ಒಡೆದೋಗುತ್ತೆ  
ಸತ್ಯ ಕಲ್ಲಿನ ಬಂಡೆ ಹಾಗೆ ಯಾವಾಗ್ಲೂ ಗಟ್ಟಿಯಾಗಿ  
ನಿಲ್ಲುತ್ತೆ  
ಕನ್ನಡಿಗರು ಸಹ ಕಲ್ಲಿನ ಬಂಡೆ ಹಾಗೆ ಕೊಟ್ಟ ಮಾತಿಗೆ  
ಎಂದೂ ದೃಢವಾಗಿ ನಿಲ್ಲಾರೆ  
ಕನ್ನಡವನ್ನೇ ಮಾತಾಡಿ ಕನ್ನಡದಲ್ಲೇ ಬೈದಾಡಿ  
ಕನ್ನಡವೇ ಸತ್ಯ ಕನ್ನಡವೇ ನಿತ್ಯ  

ನಗು 😊

ಮನಸ್ಸೊಂದು ಪುಟ್ಟ ಮಗು

ಕಲಿಸಿ ಕೊಡು ಅವಕ್ಕೆ ಕೇವಲ ನಿಷ್ಕಲ್ಮಶ ನಗು ❤️😊

**ARTICLES BY STUDENTS AND  
FACULTIES  
THE POWER OF PERSPECTIVE:  
STORIES THAT INSPIRE**

In a world that moves at lightning speed, it is easy to overlook the quiet strength of perspective — the lens through which we interpret challenges, celebrate victories, and understand the experiences of others. Perspective is not just about viewpoint; it is the foundation of empathy, resilience, and growth. And often, it is through real stories — of people who dared to think differently, act boldly, or persist quietly — that we are reminded of its transformative power. Consider a student who battles personal loss but still manages to top the class, or a young innovator who turns a childhood curiosity into a life-changing invention. Their stories may not always make headlines, but they resonate deeply. They remind us that every individual carries a unique journey shaped not only by circumstances but by how they choose to see those circumstances. Where one person sees failure, another sees feedback. Where one finds frustration, another discovers a new direction. That difference is perspective. What's most inspiring is how perspective can be contagious. A teacher who believes in a struggling student, a friend who listens without judgment, or a leader who sees potential where others see limitations — all plant seeds of change simply through how they view and respond to others. Their stories ripple outward, often changing lives in ways they may never fully realize.

As we navigate academic, professional, or personal paths, taking time to hear and share such stories nurtures not only hope, but also action. They fuel our inner strength, foster compassion, and remind us that even in uncertainty, a shift in perspective can light the way. In this issue, we bring you a collection of stories — from our campus and beyond — that exemplify the power of perspective. We hope they inspire you, challenge you, and above all, encourage you to see the world — and yourself — through a more empowered lens.

- **By Prof Saranya B ,CSE**

**NEWSLETTER – A BRIDGE OF  
COMMUNICATION**

“A newsletter is a periodic publication that shares updates, news, and information with a specific audience. It can be in print or digital form and is widely used by schools, businesses, and organizations to keep people informed. Newsletters strengthen the connection between the sender and readers by providing relevant content, announcements, and highlights. In today's digital era, e-newsletters are a popular and eco-friendly way to stay engaged.”

**Poem:**

*Words that travel, near and far,  
Carrying news of who we are.  
A friendly note, a gentle cheer,  
A newsletter brings loved ones near.*

**BY  
Prof. Nithiya K, ECE –Lead  
Editor  
College Newsletter**

# NEWSLETTER



Words that travel, near and far,  
Carrying news of who we are.  
A friendly note, a gentle cheer,  
A newsletter brings loved ones near.

**BY**

**Prof. Nithiya K, ECE –College Newsletter lead-Coordinator**