

CSE EDUINSIDE

Department Newsletter

Department of Computer Science and
Engineering, SOE, DSU, Harohalli



DAYANANDA SAGAR
UNIVERSITY



VISION AND MISSION OF THE INSTITUTE

VISION

To be a centre of excellence in education, research & training, innovation & entrepreneurship and to produce citizens with exceptional leadership qualities to serve national and global needs.

MISSION

To achieve our objectives in an environment that enhances creativity, innovation and scholarly pursuits while adhering to our vision.

VISION AND MISSION OF THE SCHOOL

VISION

To transform life through Excellence and Innovation in Engineering Education and Research with an emphasis on Sustainable, Inclusive Technology and Global needs.

MISSION

To Develop School of Engineering at Dayananda Sagar University, as Center of Excellence by imparting Quality Education and Research to generate highly Competent, Skilled and Humane manpower to face emerging Technological, Scientific and Social challenges with Ethics, Integrity, Credibility and Social concern.



VISION AND MISSION OF THE DEPARTMENT

VISION

To be recognized as a department of eminence in Computer Science and Engineering focusing on sustainability, inclusive technologies and societal needs.

MISSION

The Department of Computer Science and Engineering is committed to:

M1: Impart quality technical education by designing and delivering contemporary Computer Science Engineering curricula while emphasizing leadership, ethics, values and integrity.

M2: Transform professionals into technically competent through industry-academia collaboration and innovation ecosystem.

M3: Prepare Computer Science and Engineering graduates to meet ever-growing societal needs.

ABOUT THE DEPARTMENT



The Department of Computer Science & Engineering was started in the year 2015. It offers Undergraduate Programme, B. Tech Computer Science & Engineering, which prepares students for the current and future demands of industry and the research world.

The Department offers a Master's Programme namely, M. Tech in Computer Science & Engineering. This programme prepares students to become leaders in knowledge driven professions. In order to provide ample opportunity for innovation and research, the department offers Doctoral Programme (PhD) in Computer Science & Engineering and allied areas.

The Department has collaborated with NTTF to offer Two Vocational Degree Programmes namely, B.Voc in Information Technology (Data Analytics), and B.Voc in Computer Engineering & IT Infrastructure. B.Voc is a three-year duration undergraduate programme. This program builds specific job skills in students so that they can serve the industries better.

The Department of Computer Science and Engineering (CSE) has thirty four faculty members with the doctorate degree and twenty eight pursuing the doctoral studies Programs offered by the Department include all sub disciplines and intellectual enterprises of Computer Science and Engineering Discipline.

The faculty members in the Department are active in the Research Areas of Artificial Intelligence, Machine Learning, Data Science, Network Security, Networks & IoT. Wireless Networks, Block Chain Technologies, Big Data, Data Mining, Data Analytics, Cloud Computing, Image Processing, Computer Vision and Video Analytics, Information Retrieval, etc. Apart from core courses, the Department also offers Liberal Studies Courses (as per NEP- 2020). Liberal studies focuses on creating synergy between Humanities, Social Sciences, Performing arts, Law, Management, Fine Arts, Yoga, Painting, Music etc.

Department has well equipped and state-of-the-art Laboratories to train students in various technologies. The Department also makes use of the Innovation Laboratories such as NVidia's High Performance Computing Lab & Analog Devices Lab to train its UG and PG students in the respective technology areas and research.

The Department also conducts value added courses on emerging technologies and industry specific domains. These courses are conducted beyond college hours/summer semester by the faculty of the department. The Department has MoU's with IT Industries like NVIDIA, Analog Devices, UiPath and CodeChef. Department also has several MOU's with academia such as Nokia University, Purdue Indiana University. The Department encourages students to take up MOOC based online courses in NPTEL, Coursera, Udacity and edX. The Department organizes Symposia, Exhibitions, Conferences, Seminars, Hackathons, and Workshops for both students and Faculty.

The Department has many Adjunct Professors/Professor of Practice who typically have positions at Industry or other institutions to bring in the industry expertise and research regour in our programmes. provide specialized supervision of student projects.

The students of CSE Department are placed in various top MNCs like IBM, Accenture, Capgemini, Cognizant, Wipro, Infosys, Mindtree, Intel, Mercedes Benz, Sap Labs etc. with an emolument in the range of 4.78 Lakhs to 27 Lakhs per annum.

DEAN'S MESSAGE



DR. UDAYA KUMAR REDDY K R
DEAN, SCHOOL OF ENGINEERING,
DSU

**BE YOU
BE THE DIFFERENCE!!!**

Welcome to the new way of learning at School of Engineering (SoE) of Dayananda Sagar University (DSU). At SoE, we are committed to helping you to make a positive difference in the world.

We at SoE are immensely proud to provide all of our students with an outstanding education that equips them with the skills, experience, and confidence required to stand out from the crowd. The School promotes Culture of Excellence including the culture of Interdisciplinary, Research, Creativity, Innovations, and Entrepreneurship on various Cutting-Edge Technologies. We at SoE, provide the World-Class Education that is Student-centric, Research-centric, and Educational space where all of our students will have a transformative education, learn to be independent critical thinkers, be societally and ethically responsible, and to have a broad understanding of the world. We value ability, not background, and we support all of our students to achieve their potential. We want you to enjoy your time here, confident that, upon completion of Engineering degree program under SoE, you will have the knowledge, expertise, and employability skills to set you on your chosen career path. The decision you make about where to study is an extremely important one. I am pleased you are considering the School of Engineering at DSU, and hope that you choose to continue your education with us.

BEST WISHES !

CHAIRMAN'S MESSAGE



DR. GIRISHA G S
PROFESSOR AND CHAIRMAN

Welcome to the Department of Computer Science & Engineering, School of Engineering at Dayananda Sagar University!

It is a matter of pride for me to present Issue 2, Volume 5 of the CSE Newsletter for the academic year 2025-26.

We are publishing this newsletter four times a year, providing you with regular updates about student and faculty achievements, as well as academic and research activities in the department.

In this issue, we are delighted to showcase the achievements and highlights of the department from the past three months.

I sincerely thank the editorial board, staff, and students for their wholehearted support in the preparation of this newsletter. I also invite you to share your comments and suggestions with us on how we can make this newsletter more meaningful to you.

BEST WISHES !

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DAYANANDA SAGAR
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SEMINARS / WEBINARS / TECHNICAL TALKS



GUEST LECTURE- “WRITE SMART, PRESENT BETTER - A LATEX WORKSHOP”

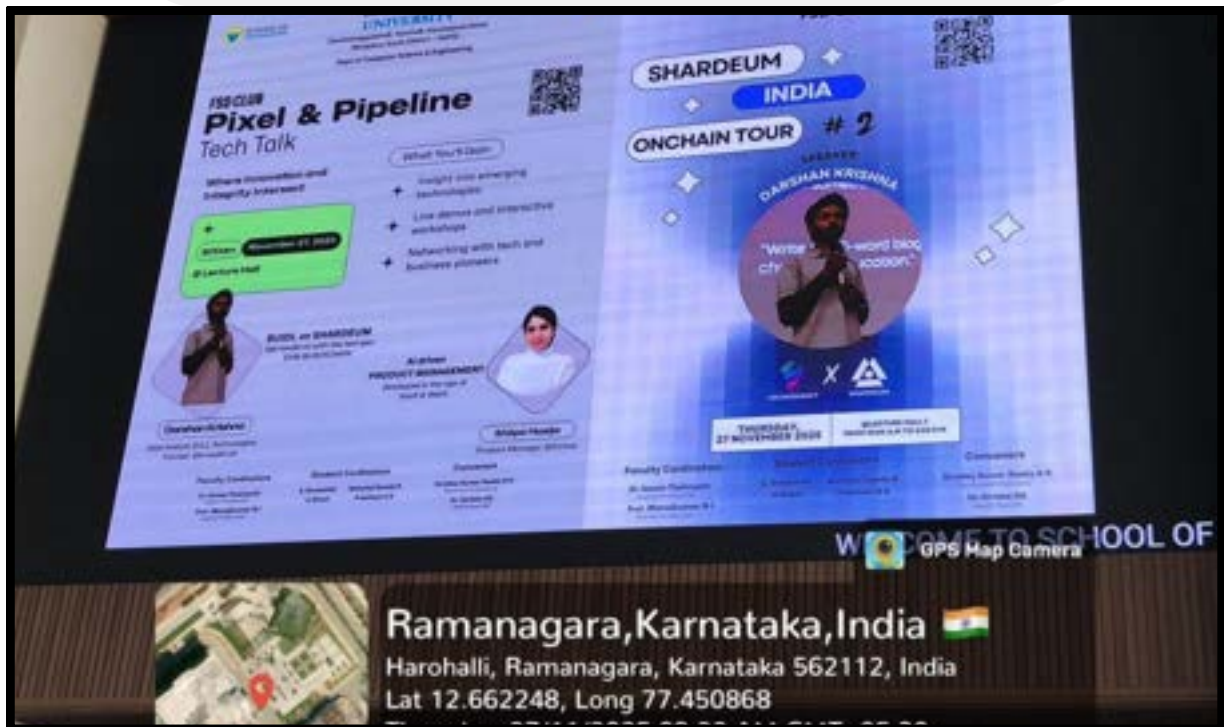


Dr. Savitha Hiremath, Associate Professor in the Department of CSE, School of Engineering, Dayananda Sagar University Served as a resource person for one-day hands-on workshop titled “Write Smart, Present Better - A LaTeX Workshop” on Wednesday, 05 November 2025, from 9:00 AM to 4:00 PM organized by the Department of Computer Science and Business Systems at Dayananda Sagar College of Engineering. The session was conducted in Room No. 506, 5th Floor, NEB Block, DSCE, and provided an engaging and interactive learning environment for participants.

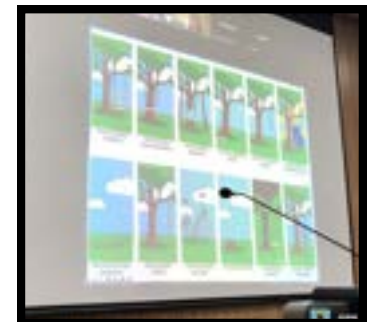


The workshop emphasized technical documentation and research paper preparation using LaTeX, aiming to strengthen the academic writing capabilities of both students and faculty members. Participants gained hands-on experience in working with LaTeX templates for research articles and learned to create professional presentations using the tool. By the end of the session, attendees were well-equipped with the skills required to develop structured, high-quality academic documents and presentations.

FSD CLUB - PIXEL& PIPELINE -TECH TALK



The Department of Computer Science & Engineering at Dayananda Sagar University organized a tech-focused event titled “Pixel & Pipeline - Tech Talk” under the banner of the FSD Club on November 27, 2025, at 9:00 AM in the Lecture Hall. The event was structured to provide students with insights into emerging technologies, hands-on demos, and interactive workshops. Featuring two impactful sessions – “Build on Shardeum” by Darshan Krishna, Data Analyst at ILL Technologies and founder of Kwackraft, and “AI-driven Product Management” by Shilpa Hasija, Product Manager at Omind—the event successfully bridged the gap between technical innovation and real-world industry practices. Students were introduced to blockchain fundamentals, EVM-based development, AI-driven strategies, and modern SaaS/Web3 product workflows, making the program both enriching and professionally relevant.



The event was meticulously coordinated by a dedicated team of faculty and student organizers. The Faculty Coordinators included Dr. Gouthu Thithyethri, Prof. Manohar K N, and Prof. Manjunath N I, who provided academic leadership and guided the planning of the session. The Student Coordinators—S. Shreenidhi, G. Nithesh, Nishchal Gowda R, and Preetham H S—ensured smooth execution, participant engagement, and logistics management. The program was convened under the supervision of Dr. Uday Kumar Reddy K R and Dr. Giridhar S, whose support contributed to the success of the event. The session concluded with enthusiastic participation, valuable industry insights, and networking opportunities with tech and product professionals.

TECHNICAL TALK ON “FORK THE FUTURE”



The Department of Computer Science & Engineering at Dayananda Sagar University conducted “Fork the Future”, a power-packed technical session conducted on 28th November 2025 by DSU-ACM Student Chapter.



The session Hands-on, practical mastery of:

Git & GitHub

Blockchain fundamentals

Smart Contracts & Web3

AI tools & LLM workflows

The resource persons were ACM members and DSU students from 8th and 3rd Semester, Department of Computer Science and Engineering.

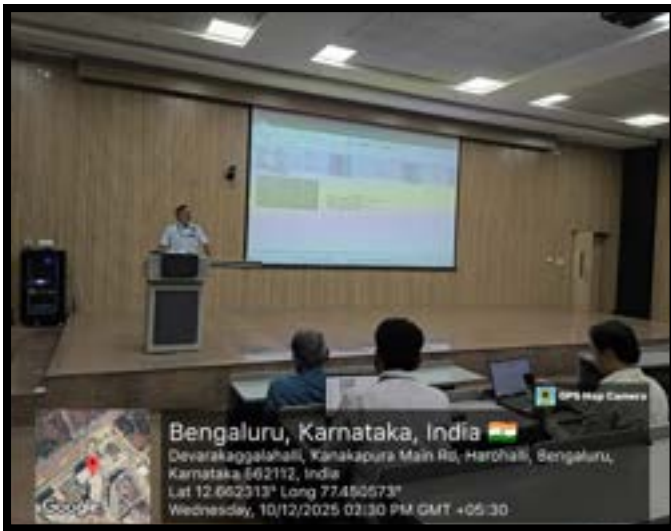
Sameer Katte and Sai Jadhav, 8th sem students took sessions on AI tools and Blockchain respectively. They have won almost 5 hackathons out of 7 participated. Their session was primarily to make the first and second year students familiar with the know-how of the practical implementation of projects. Arjit Kulkarni, 3rd semester student gave the hands on session on working with Git & GitHub, that is a must for all the hackathons for version control of the projects. There were 85 participants from different departments of SoE, DSU. The session was inspiring and informative for the 2nd and 1st year students and was highly appreciated by students

HANDS-ON SESSION ON CO-PO ATTAINMENT CALCULATION AS PER NBA GUIDELINES



The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University organized a Hands-on session on CO-PO Attainment calculation as per NBA Guidelines on 10 Dec 2025 at LH 4. The Department NBA team, Dr. Basavaraj N Hiremath, Professor, Dr. Savitha Hiremath, Associate Professor, Dr. Meenakshi Malhotra, Associate Professor and Dr. P Naresh, Assistant Professor organized a hands-on session on CO-PO attainment calculation for all faculty members of the Computer Science and Engineering department, 65 faculty members attended the session. The primary objective of the workshop was to enable faculty to clearly understand and accurately implement the CO-PO mapping and attainment calculation process in line with NBA requirements.

The session emphasized practical, outcome-based education practices to ensure uniformity in attainment procedures across courses. Faculty members actively participated by working on real course attainment sheets during the session. Dr. Bipin Kumar Rai, Associate Chair and Professor, Department of CSE, thoroughly reviewed the attainment sheets and explained the calculation process step by step, addressing both direct and indirect attainment components. He clarified target setting, assessment weightage, and final PO attainment derivation.



Based on the suggestions given by the Chairperson Dr. Girisha G S, faculty were advised to maintain consistency in assessment methods, ensure proper documentation of evidence, and periodically review attainment levels for continuous improvement. Faculty were also encouraged to incorporate corrective actions wherever attainment levels fall below the target. Dr. Savitha Hiremath, Associate Professor, Department of CSE, clarified the doubts raised by the faculty members and provided general guidelines for accurately working on the CO-PO attainment calculation sheets. The interactive session allowed participants to clarify doubts. The workshop concluded with a collective understanding of standardized procedures, contributing to effective NBA compliance and continuous quality improvement within the department.

Faculty Coordinators:

Dr. Basavaraj N Hiremath, Professor

Dr. Savitha Hiremath, Associate Professor

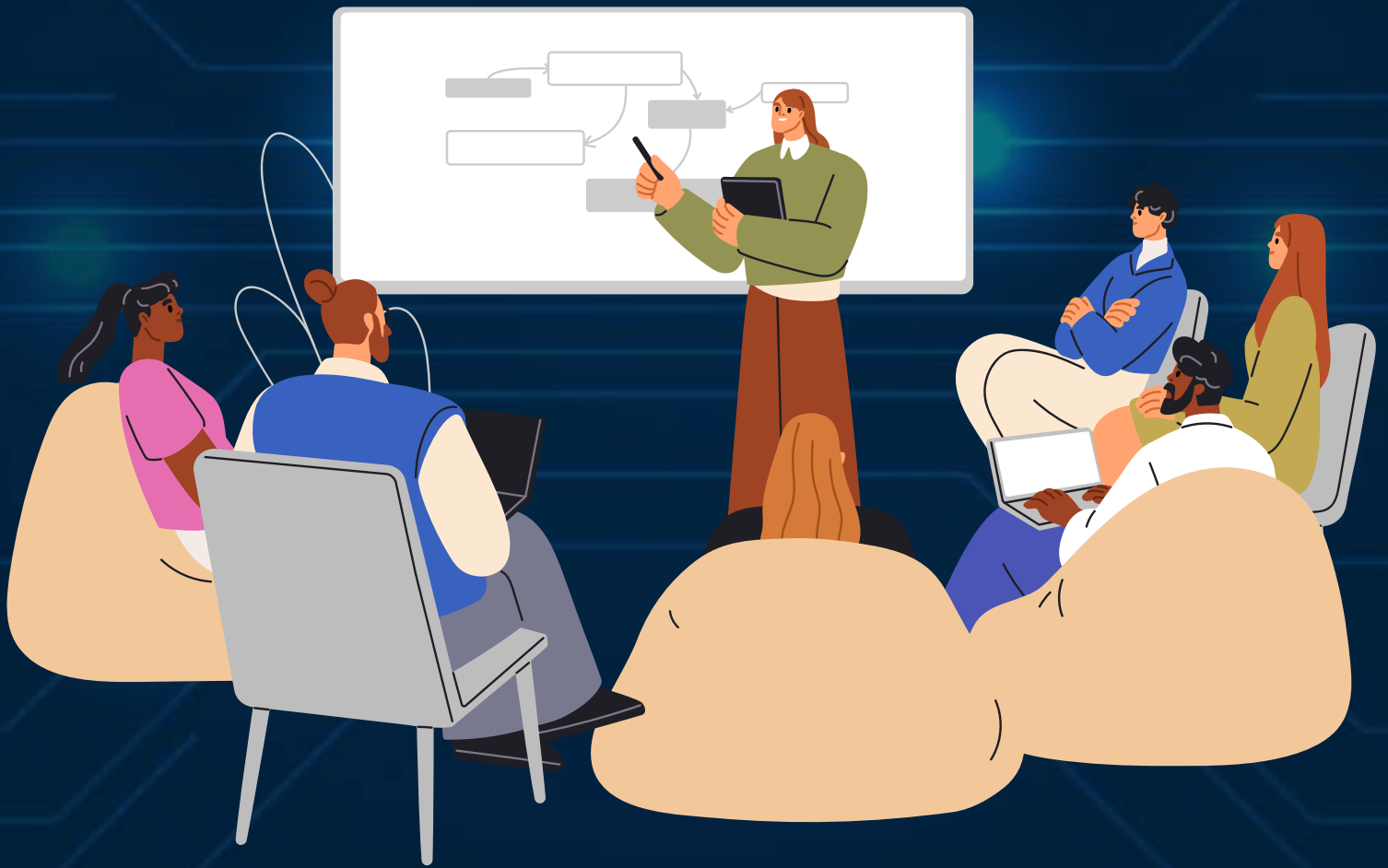
Dr. Meenakshi Malhotra, Associate Professor

Dr. P Naresh, Assistant Professor



DAYANANDA SAGAR
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WORKSHOPS/SKILL DEVELOPMENT PROGRAMS



ONE DAY WORKSHOP ON “ENGINEER’S EDGE - HACKING IMPOSTER SYNDROME”



The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, organized an empowering and experiential session titled “Engineer’s Edge Hacking Imposter Syndrome.” conducted on 17th October 2025. The workshop aimed to help engineering students recognize and overcome self-doubt, enhance emotional intelligence, and develop a confident, growth-oriented mindset key attributes for personal and professional success.

The event began with a warm welcome by Dr. Girisha G. S, Chairperson of the Department of CSE, who emphasized the importance of confidence and self-belief in engineering education. He highlighted how sessions like these help students cultivate the mental agility and resilience required in today’s rapidly evolving technological world. The engaging session was facilitated by Dr. Sivananda Reddy, a Certified Professional Coach (ICF-PCC), Corporate Wellness Expert, and Student Success Strategist, with Dr. S.V.K.R. Rajeswari, a Life Coach and Motivational Speaker, as the co-facilitator. Dr. Sivananda Reddy led the students through an insightful journey into understanding Imposter Syndrome, the internalized fear of being “not good enough” despite evidence of competence. He introduced powerful mental frameworks and reflective tools to help students “debug self-doubt and code confidence.”



One of the most captivating parts of the session was the hands-on activity titled “Code Your Confidence,” where Dr. Reddy introduced students to a Neuro-Linguistic Programming (NLP)-based technique called the “Confidence Anchor.” This tool enabled students to create a personal anchor, a simple yet powerful method to access confidence, clarity, and focus instantly. The interactive exercise received huge applause and created an energetic, positive environment in the hall.

Co-facilitator Dr. Rajeswari shared her personal stories of resilience and transformation, which deeply resonated with the students. Her experiences served as a reminder that vulnerability and authenticity are strengths, not weaknesses, in one’s professional journey.

The session was highly appreciated by students, who found it both inspiring and practical. Many participants shared that they could relate to the concepts discussed and were excited to apply the Confidence Anchor technique in real-life academic and personal situations. The interactive design and engaging facilitation style made the entire workshop memorable and meaningful.

Faculty Coordinators:

Dr. Sivananda Reddy, Associate Professor, Dept. of CSE

Dr. Rajeswari, Assistant Professor, Dept of AI/ML

THREE-DAYS MATLAB WORKSHOP ON IMAGE PROCESSING AND
COMPUTER VISION APPLICATIONS
BY MATHWORKS IN ASSOCIATION WITH COREEL



The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, organized a two-day workshop on the MATLAB platform, conducted by an industry expert from MathWorks on 17th, 18th and 19th October 2025. The workshop focused on providing participants with hands-on experience in fundamental and advanced MATLAB applications, specifically in the domains of digital image processing and machine learning. Over the two days, participants progressed from basic MATLAB operations to building, training, and deploying sophisticated classification models, including a Convolutional Neural Network (CNN). The workshop proved to be exceptionally valuable, equipping attendees with practical skills and providing significant insights for future technical projects.

Session 1: Foundations of MATLAB and Introduction to Image Handling

This session introduced the MATLAB environment, explaining key components like the Command Window, Editor, Workspace, and Current Folder. We learned MATLAB's core syntax and its matrix-based structure. Practical exercises focused on basic image operations using `imread()`, `imshow()`, and `imwrite()` to load, display, and save images.

Session 2: Core Image Processing Techniques

We explored fundamental image preprocessing methods essential for computer vision. The session covered color space conversions such as RGB to grayscale and grayscale to binary using thresholding. We also analyzed how images are represented as numerical matrices and how pixel values change during these conversions.

Session 3: Applying Machine Learning for Object Detection

This session focused on using MATLAB's pre-trained machine learning models for object detection. We implemented a face detector, likely using the Viola-Jones algorithm, to identify faces in images. The concept was further extended to detect multiple object types, displaying bounding boxes and labels for each recognized item.

Session 4: Building a Convolutional Neural Network (CNN)

In the final session, we learned to design, train, and evaluate a CNN for multi-class image classification. We built a model to classify six flower types using layers like Convolution, ReLU, Max-Pooling, and Fully Connected. After configuring training options and running trainNetwork, the model achieved high accuracy on validation images.

Convenors

Dr.Udaya Kumar Reddy , Dean, SoE, DSU.

Dr.Girisha G.S, Chairperson CSE, SoE, DSU.

Presented by :

Mr. Avinash, Senior Application Engineer,
CoreEL Technologies

Faculty Organizers

Dr.Praveen Kulkarni, Assoc.Prof CSE, SoE.

Dr.RenukaDevi M N Asst.Prof CSE, SoE.

Dr.Rajesh T M Chairperson CSME, SoE.

Student Coordinators

Ms.Madiha Khan, 3rd Sem.

Ms.Mouna S, 3rd Sem.

Mr.Ibrahim Sharif, 5th Sem.



ONE DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS
(PATENT AND COPY RIGHTS)



SCHOOL OF ENGINEERING
DAYANANDA SAGAR UNIVERSITY
School of Engineering
Devarakaggalahalli, Harohalli, Kanakapura Road, Bengaluru South Dist - 562112
Department of Computer Science and Engineering

ONE DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHT (PATENT AND COPY RIGHTS)

Resource Person :
Dr. K.Vengatesan, Professor, CSE Dept

Organized By
Department of Computer Science and Engineering

Venue :
LH3, LH4, LH5

Date & Time :
17 November 2025 at 2:30 pm - 3:30 pm
Mode : Offline

Target Audience
50 Sem students (CSE)

The Department of Computer Science and Engineering organized a One-Day Workshop on Intellectual Property Rights (Patent and Copyrights) on 17 November 2025 with the objective of equipping 5th Semester CSE students with essential knowledge on IPR and its growing importance in the fields of innovation, research, and technology development. The workshop aimed to familiarize participants with different types of intellectual property, their relevance, and the protection they offer to both technological innovations and creative works. It also focused on introducing the procedural aspects of patent filing at both national and international levels, thereby promoting awareness of the legal frameworks governing intellectual property.

The session was delivered by Dr. K. Vengatesan, Professor, CSE Department, who provided in-depth insights into patent drafting, legal prerequisites, documentation, and examination procedures. Students gained practical understanding of how to prepare and file patent applications, and the interactive discussions enhanced their conceptual clarity on copyrights, patents, and related rights.



The workshop was coordinated by Dr. George Fernandez, Associate Professor, CSE Department, whose efforts ensured the smooth and effective conduct of the event. Overall, the workshop successfully strengthened students' knowledge of IPR and encouraged them to pursue innovation with awareness of legal protection mechanisms.

Faculty coordinator:

Dr. George Fernandez I, Associate professor, Department of CSE

ONE DAY WORKSHOP ON XR TECHNOLOGIES



International Institute of Technology, Bangalore
One day workshop on XR technologies
Organized by
Department of Aerospace Engineering
and
Department of Computer Science & Engineering

Workshop Topic:-
"XR Technologies: Shaping the Future of Engineering Education and Industry"

Mr. Prahlad Sarnad is an XR and Industrial Metaverse expert with 25+ years of experience across aerospace and digital technologies. As Global CoE Lead at Tech Mahindra, he directs AR/VR/MR solutions using Metaverse, Unity, and Unreal Engine for engineering and manufacturing. A Six Sigma Black Belt and former Cosmo aerospace engineer, he has led major digital transformation initiatives and represented Tech Mahindra at global events like the IAF World Congress in Barcelona and the emerging aerospace forum.

Mr. Prahlad Sarnad
XR Leader | Industrial Metaverse Expert |
Global CoE Head - Tech Mahindra

CONVENERS

Dr. Rajendra BS Chairman Department of Aerospace Engineering	Dr. Biju Ramachandran Professor Department of Aerospace Engineering	Dr. Mahesh Professor of Practice Department of Aerospace Engineering
Dr. Divya GS Chairwoman Department of Computer Science & Engineering	Dr. J. Subashini Rajan Professor Department of Computer Science & Engineering	Dr. Anurag Rameshbabu Associate Professor Department of Industrial Design & Engineering

Date: 27/11/25, Venue: LH - 2, Timings: 10:30 AM onwards





The Department of Computer Science & Engineering and Department of Aerospace Engineering at the Dayananda Sagar University jointly organized a one-day workshop on XR Technologies on 27/11/2025 at LH-2. Centered on the theme “XR Technologies: Shaping the Future of Engineering Education and Industry,” the workshop introduced students to emerging immersive technologies such as AR, VR, MR, and Metaverse platforms that are reshaping the engineering world. The event aimed to enhance participants' understanding of next-generation digital tools that play a vital role in aerospace, manufacturing, and modern computing applications. The expert session was delivered by Mr. Prahlad Sarnad, XR Leader and Industrial Metaverse Expert at Tech Mahindra, who shared his deep expertise in AR/VR/MR solutions, digital transformation, and industrial metaverse engineering and even internship opportunities as well they demonstrated the usage of Flight simulation. The workshop was coordinated by Dr. Nagaraja SR, Dr. Girisha GS, Dr. BVN Ramakumar, Dr. J. Sebastian Nixon, Dr. Mathew, and Dr. George Fernandez I, whose collaborative efforts ensured the smooth conduct of the program. The event witnessed enthusiastic participation from students and faculty, concluding with valuable discussions on the future potential of XR technologies in education, research, and industry advancements.

AWARENESS PROGRAM FOR 7TH SEM STUDENTS ABOUT PROJECT AND INTERNSHIP



The Department of Computer Science & Engineering at Dayananda Sagar University conducted an Awareness program for 7th semester students regarding 8th semester project phase2 and internship on 28 Nov 2025 for all 9 sections in LH4 and LH5 by Dr. Sivananda Reddy instructed about project phase 2 and Dr. George fernandez instructed about the internship program. The session helped students understand academic expectations, industry requirements, and the roadmap for successful project and internship completion. It also encouraged students to plan early and align their work with current technological trends. The interactive discussions clarified student's doubts and provided clarity on documentation, timelines, and evaluation criteria. Overall, the program was highly informative and prepared students for a smooth transition into their final semester.



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EVENTS/PROFESSIONAL SOCIETIES/CLUB ACTIVITIES/FDP



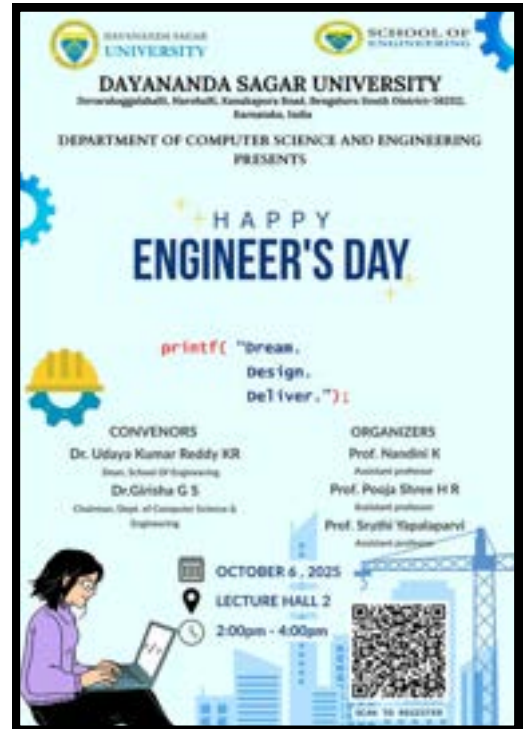
ENGINEER'S DAY



The Department of Computer Science & Engineering, SoE, Dayananda Sagar University organized Engineer's Day held on 06 October 2025. The Engineers' Day 2025 celebration commenced with a warm welcome by the student hosts, who introduced the significance of the day and highlighted the vital role of engineers in shaping society. The event began with an insightful presentation where students showcased a glimpse of ancient engineering wonders of India, emphasizing the country's rich legacy of innovation and craftsmanship.

The occasion was graced by Dr. Girisha G S, Chairperson, Department of CSE, and Dr. Basavaraj N. Hiremath, Professor, CSE, who addressed the gathering with inspiring speeches. They spoke about the contributions of great engineers, the current technological advancements, and the future scope of engineering in driving sustainable growth and innovation.

A special segment featured a video byte presentation from faculty members across the department, where professors extended their heartfelt wishes for Happy Engineers' Day and shared their personal experiences and insights from their professional journeys, motivating students to pursue excellence in their fields.





Following the formal session, a series of fun games and interactive activities such as Technical Dumb Charades, Pictionary, and Logo Guessing were organized to engage and entertain the students, promoting teamwork, creativity. Both students and faculty members participated enthusiastically, making the event lively. The event concluded with a vote of thanks, expressing gratitude to the faculty, students, and organizers for making the celebration a memorable and inspiring experience.

Faculty event organizers:

Prof. Nandini K, Assistant Professor

Prof. Poojashree H R, Assistant Professor

Prof Srithi Yapalparvi, Assistant Professor

THE LEADERSHIP LAB: LEADERSHIP IS NOT TAUGHT



DSU-ACM and the Career club of Department of Computer Science & Engineering, SoE, Dayananda Sagar University organized “The Leadership Lab: Leadership is not Taught” held on 16 October 2025 event organized under ACM club and Career club. KD’s Garage is a leadership and identity lab not a lecture, but an immersion. Every activity feels like a challenge or a game, but each one carries a hidden story about trust, ego, chaos, or identity. Students don’t just learn leadership; they experience it. The goal is simple: Discover personal strengths and blind spots in real time.



The Leadership Lab was an activity-based event, the resource person has asked a maximum of 30 participants. A total of 28 students registered and 26 participated in the event. Students were grouped into 5 teams with 5-6 Students each time. There were a total of 4 activities. The first activity was experiencing the leadership in total silence. The second activity addressed the leadership in chaos situation, where the group was given a situation and the team has to work through it.

Faculty Coordinators:

Dr. Meenakshi Malhotra, Associate Professor, Dept. of CSE

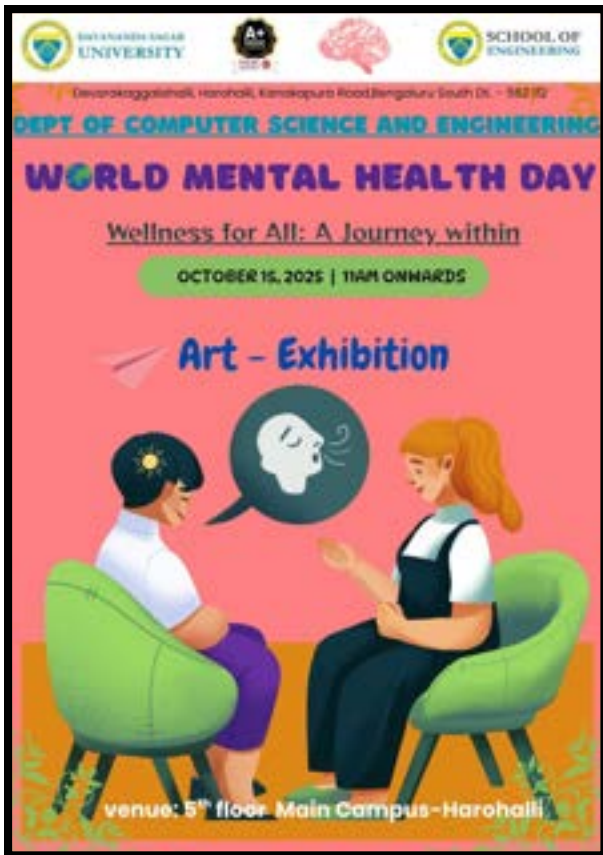
Dr. Revathi V, Associate Chairperson and Associate Professor, Dept. of CSE

Student Coordinators:

Mr. Arjit Kulkarni (3rd Sem CSE)

Syed Fuzail (7th Sem CSE)

WORLD MENTAL HEALTH DAY



The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, organized a Mental Health Awareness Event aimed to promote emotional wellbeing among students and faculty of the Computer Science and Engineering Department on 15 October 2025. The event was graced by chief guest Girisha G, Chairperson of CSE, who emphasized the importance of mental wellbeing in academic life and shared practical strategies for managing stress, anxiety, and emotional resilience. Prof. Manojkumar N I, Assistant Professor, Department of CSE, coordinator for the event also addressed the gathering, highlighting the significance of creating a supportive institutional environment through open communication and timely assistance. The program began with a warm welcome and an introduction that underlined the growing importance of mental health in today's demanding academic atmosphere. Experts discussed challenges such as stress, career pressure, and personal struggles while guiding students to recognize early signs of anxiety, depression, and burnout.



They encouraged participants to view seeking help as a sign of strength rather than weakness. Engaging discussions introduced coping strategies, mindfulness practices, and techniques for maintaining balance in life. Faculty members were urged to support students showing emotional distress. Interactive sessions and activities helped students express their thoughts and learn self-care methods, while informational materials on counselling and mental health resources were shared. The event concluded with a powerful message on empathy, awareness, and prioritizing mental health, successfully fostering a positive and stigma-free environment that supports both academic success and personal wellbeing.

Faculty Coordinators

Prof. MANOJKUMAR N I, Assistant professor, Dept of CSE

BANGALORE UNIVERSITY COLLABORATION CONCLAVE
(NBUC) 2025 AT NOKIA BELL LABS



The Department of Computer Science & Engineering, SoE, Dayananda Sagar University be a part in “The Nokia Bell Labs - Bangalore University Collaboration Conclave (NBUC) 2025” was held on 3rd November, 2025 at Nokia Bell Labs, Bengaluru, bringing together students, researchers, and innovators from various universities to present cutting-edge projects in the fields of Artificial Intelligence, Edge Computing, and Embedded Systems.

The conclave served as a platform for showcasing innovative ideas, fostering collaboration between academia and industry, and promoting hands-on problem-solving through real-world challenges. Along with Dr. Sivananda Reddy, Prof. Santhosh M and the 7th Sem students (SAMEER KATTE, S G SUMANTH, SATWIK KASHYAP and SHAIK FAHAD) have participated In this

The 7th Semester CSE students of Dayananda Sagar University emerged as winners of the “Best Implemented Industry Project” award for their outstanding work on the Next-Gen TinyML Smart Weather Station Challenge. The project demonstrated the integration of TinyML and Edge Computing to develop a compact, energy-efficient weather monitoring system powered by a 6KB AI model running entirely on microcontroller boards. This innovation reflects a significant step toward sustainable and intelligent edge-based solutions for real-world applications.

DEBATE COMPETITION ON “GENDER EQUALITY:
PERSPECTIVES FOR A BALANCED SOCIETY”



The poster features logos for School of Engineering, Institutions Innovation Council, Anveshana, IEEE Computer Society, and A+ grade. The text includes the university name, address, department, and competition title. It also lists the date (27th November 2025), time (1:30 PM to 4 PM), and venue (A538, 5th floor, A block). There are illustrations of a balance scale and a group of people. The poster lists the faculty coordinator, convenors, and student coordinators.

DAYANANDA SAGAR UNIVERSITY
Devarakaggalahalli, Marohalli, Kanakapura Road, Bengaluru South District - 562112, Karnataka, India
School of Engineering
Department of Computer Science & Engineering
A Debate Competition on
Gender Equality: Perspectives for a Balanced Society
Student Voices and Views A world where talent, not gender, defines opportunity

Date: 27th November 2025.
Time: 1:30 PM to 4 PM
Venue: A538, 5th floor, A block

Faculty Coordinator
Dr. Basavaraj N Hiremath, Faculty Advisor, IEEE CS & Professor, Dept. of CSE
Dr. Savitha Hiremath, Associate Prof., Dept. of CSE
Prof. Nandini K, Asst. Prof., Dept. of CSE
Prof. Shilpa Sudheendran, Asst. Prof., Dept. of CSE

Student Coordinators
Pavan Kumar G R, Sanjana R G, Rahila M S

Convenors
Dr. Udaya Kumar Reddy K R, Dean, SOE, DSU
Dr. Girisha G S, Chairperson, CSE

Prizes for the Best teams

GENDER EQUALITY



The Department of Computer Science and Engineering successfully conducted the Debate Competition on “Gender Equality: Perspectives for a Balanced Society” during 27th November 2025. Students actively participated and presented well-researched viewpoints, thoughtful arguments, and constructive counterpoints. Their clarity of thought, analytical abilities, and professionalism highlighted their awareness and commitment to promoting equality and inclusiveness. Several enthusiastic teams took part in the competition, and two teams were awarded the Winner and Runner-up trophies for their outstanding performances.



We extend our sincere gratitude to Dr. Girisha G. S., Chairperson, Department of CSE, for his constant motivation and support. Our heartfelt appreciation also goes to the Jury Members - Dr. Seema Tharannum and Dr. Revathi V – for their expert evaluation and fair judgment. We thank the event organizers – Dr. Basavaraj N. Hiremath, Faculty Advisor, IEEE CS; Dr. Savitha Hiremath, Associate Professor; Prof. Nandini K, Assistant Professor; and Prof. Shilpa Sudheendran, Assistant Professor – for their coordinated efforts in planning and executing the event. We also acknowledge the enthusiastic participation of students, faculty members, and student coordinators, whose contributions ensured the smooth and successful conduct of the programme.

HACK DAYS @DSU



The CSE Department of DSU, in collaboration with Major League Hacking (MLH), successfully hosted Hack Days @ DSU, an exciting 6-hour mini hackathon that encouraged rapid innovation, teamwork, and hands-on problem-solving.



The event was conducted under the guidance of Dr. Bipin Kumar Rai, Professor, CSE whose support ensured a smooth and engaging experience for all participants.

The hackathon concluded with impressive project demos, the evaluation of the projects were carried out by Prof. Mala B A. After which the winning teams were awarded Google Swag Kits, MLH stickers and other exciting goodies, celebrating their creativity and technical excellence.

Winners

- Sneha & Sneha M P
- Morugesh & Avula
- Jiya Patel & Chinmayi
- Aditya & Jai Shankar

DSU IGNITES: ISF JUNICORN SUMMIT DUBAI



The Department of Computer Science & Engineering at Dayananda Sagar University is a part of DSU Ignites:ISF Unicorn Summit Dubai held on DSU campus on 26th November 2025. Dayananda Sagar University, in collaboration with the International Startup Foundation (ISF), is organizing the DSU Ignites: ISF Unicorn Summit Dubai - Curtain Raiser. This landmark event aims to foster global entrepreneurial exposure, strengthen innovation leadership and inspire a dynamic startup culture among students and faculty. The program will bring together 20-25 C-suite leaders and eminent speakers from prestigious multinational companies, including ISF delegates. The sessions will offer insights into the global startup ecosystem, innovation strategies and emerging entrepreneurial opportunities.

Leadership Round Table (Pre-Event Exclusive)

An exclusive Leadership Round Table will convene DSU leadership with distinguished corporate leaders to discuss:

- Global innovation frameworks
- Startup and scale-up pathways
- Opportunities for rural and urban youth entrepreneurship
- Strengthening academia-industry synergy



Key Sessions

- Keynote Addresses by global industry and innovation leaders
- Panel Discussion on “Startups and Entrepreneurship”
- Interactive Sessions with students and faculty on innovation trends and entrepreneurial avenues

The Unicorn Summit Curtain Raiser will:

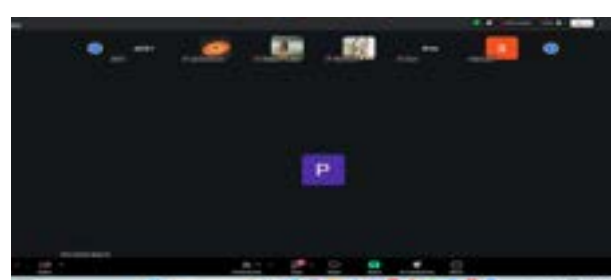
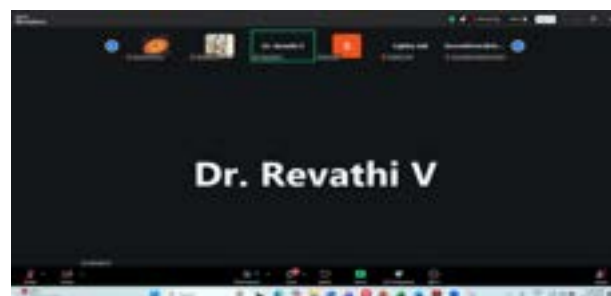
- Enhance DSU’s global connect
- Expand industry partnerships
- Promote innovation-driven academic culture
- Encourage entrepreneurial thinking among students
- Align with DSU’s mission of cultivating leadership and global competitiveness

Event Coordinators:

Corporate Relations Office: Dr. Savitha Rani

Faculty Coordinators: Dr. Vinutha & Dr. Kartik S. Tandel

PARENT TEACHER MEETING FOR 5TH SEM ODD
2025-26 BATCH



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University conducted Parents - Teachers Meeting for 3rd & 5th semester students on December 05th, 2025. The meeting began with a welcome address by the Chairman, followed by a highlighting the department's curriculum, department achievements, including academic results, workshops, and industry collaborations and Associate Chairperson address the Placement activities by Dr. Revathi V. Class advisor discussed students' academic performance, attendance, and the importance of skill development. The detailed insights into the academic performances of students, highlighting both strengths and areas needing improvement. Parents were provided with individualized reports and feedback on their wards academic standing and were encouraged to actively participate in their wards educational journey. The PTM also included discussions on the importance of extracurricular activities in holistic student development. Parents were informed about the various clubs, sports teams, and cultural activities available at the college, emphasizing the role of these activities in shaping an all-rounded individual. Dr. Girisha G S, Professor and Chairman, shared observations regarding students' behaviour, social interactions, and overall attitude in and outside the classroom. He gave a short introduction of department activities, College website, important web pages, Curriculum and the important links in the website. Also, explained about the curriculum design methodology and sought inputs from parents about the curriculum.

PROFESSIONAL ELECTIVE-II AWARENESS SESSION
6TH SEMESTER EVEN SEM 2025-26



6th Semester B. Tech CSE**Professional Elective -III**

Sl. No	Course code	Course Code	Course Name	Faculty assigned to address Students
1	ML	24CS3614	Machine Learning for Healthcare	Dr. Kumar Dilip
		24CS3615	Generative AI	Dr. Natarajan Venkateswaran
2	Gaming, Animation & Immersive Learning	24CS3616	Game Development	Bharath B
3	Networks, IOT, Cloud & Security	24CS3617	Internet of Things	Dr. Naitik S T
		24CS3618	Blockchain & Distributed ledger	Dr. Bipin
4	Data Science	24CS3619	Data Science	Dr. Gokul Krishnan
5	General Computer Science	24CS3620	DevOps	Dr. Senthil Kumar
		24CS3621	Quantum Computing	Dr. Meenakshi Malhotra

The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University organized a Professional Elective-II awareness session for the upcoming 6th-semester students on 1st December 2025 for the academic year 2025-26. The session aimed to create awareness about the upcoming professional electives and to guide students in making well-informed choices. During the program, the designated faculty members provided detailed insights into each elective offered, explaining the core topics, practical significance, and Inform that elective registration will be done through ERP

Professional Elective -II				
Sl. No	Domain	Course Code	Course Name	Faculty assigned to address Students
1	ML	24CS3606	Deep Learning	Dr. Gousia Thahniyath
		24CS3607	Computer Vision	Prof. Roshan Sanu
2	Gaming, Animation & Immersive Learning	24CS3608	Animation &VFX	Prof. Prolay Biswas
3	Networks, IOT, Cloud & Security	24CS3609	Cryptography	Dr. Naitik S T
		24CS3610	Cloud Computing	Ms. Suganthi S
4	Data Science		Cloud Data warehouse and Data Lakes	Dr. Tanvir
5	General Computer Science		Agile Methodology	Dr. Senthil Kumar
			MOOC-Course yet to be decided will announce shortly	

overall scope.

- About the essence of the subject proposed to be offered
- Why the subject to be studied
- A summary to be explained about how this will help future scope and career perspective.
- Any general prerequisite to be explained and the applications to be used in the current trend.

SMART INDIA HACKATHON 2025 WINNERS



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University students participated in Smart India Hackathon 2025 held at Indian Institute of Technology (IIT) Dharwad on 09 Dec 2025. Team Sinister Six of Department of Computer Science and Engineering has made us immensely proud by emerging as Winners at the Grand Finale of Smart India Hackathon 2025 with a Cash Prize: ₹1,50,000, held at Indian Institute of Technology (IIT) Dharwad.

Team Members are

- Mr. Rahul H. Jadvani
- Mr. Sachin P. Baluragi
- Mr. Sai Kumar V. Jadhav
- Mr. Sameer S. Katte
- Ms. Manavi P
- Mr. Sai Shravan V

and the Mentor:

Dr. Meenakshi Malhotra, Associate Professor, Department of Computer Science and Engineering





The team developed an innovative solution framework aligned with “Swadeshi for Atmanirbhar Bharat - Travel & Tourism” , aimed at strengthening India’s tourism ecosystem. Their idea has strong potential to boost the current scenario of the tourism industry, including hotels, travel services, and allied sectors.

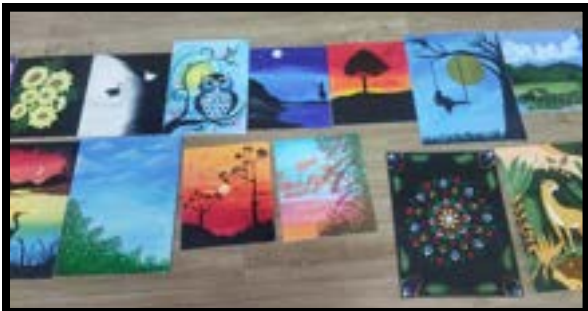
Congratulations to the entire team and mentor for this remarkable achievement and for contributing towards Atmanirbhar Bharat through innovation and technology.

We extend our sincere gratitude to Dr. Udaya Kumar Reddy K. R., Dean, School of Engineering, Dayananda Sagar University, and Dr. Girisha G. S., Chairperson, Department of Computer Science and Engineering, for their continuous support throughout Smart India Hackathon 2025.

Our heartfelt thanks to Dr. Basavaraj N. Hiremath, SPoC - SIH 2025 and Professor, Department of CSE, for his constant motivation, insightful guidance, and unwavering encouragement to the teams, both in their journey to the finals and during the grand finale.

We also express our appreciation to the Internal Hackathon Team—Dr. Savitha Hiremath, Associate Professor, Department of CSE, Dr. Gayathri T, Assistant Professor, Department of CSE, and Prof. Muthu Bala N., Assistant Professor, Department of CSE for their unwavering support and significant contributions toward the successful participation of our teams in SIH 2025.

PAINTING COMPETITION



PAINTING COMPETITION



The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University organized a Liberal Studies: Painting Competition on December 4, 2025, providing students with a vibrant platform to express their creativity beyond academics. The event witnessed enthusiastic participation of our department, who showcased their artistic talents through diverse themes, colors, and techniques. The competition encouraged students to explore imagination, originality, and emotional expression, highlighting the importance of art in holistic education.

The painting competition served as an enriching experience, fostering creativity, stress relief, and cultural appreciation among students. The accompanying art exhibition provided an opportunity for participants to proudly display their artwork and receive appreciation from peers and faculty. Such initiatives by the university play a vital role in nurturing well-rounded individuals by balancing technical knowledge with creative and artistic growth.

Faculty coordinator:

Prof. Manojkumar N I , Assistant professor, Department of CSE



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INDUSTRIAL VISITS/ EXTENSION ACTIVITIES



INDUSTRY VISIT TO INFOSYS CAMPUS UNDER TEACH SPARK 3.0



The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, was a part of celebrated the theme TechSpark 3.0 by Infosys springboard at the Infosys campus event conducted on October 28th 2025.

Our students got an exciting opportunity to visit Infosys industry campus under Teach Spark 3.0, featuring a Tech Talk by Mr. Suyash Singh, CEO of GalaxEye, on the topic “Digitization of Space Technology” (space technology domain), and this session promises to be highly insightful and inspiring. In addition to the tech talk, they have got opportunities such as tech-oriented project showcases and other engagements during the event period in the upcoming days, which will be scheduled till mid of November 2025

The students of the school of engineering from the Computer science and engineering and Aerospace engineering department gained valuable insights into how rockets are built by ISRO and private space partners. They enjoyed the expert session and learned about new developments in the aerospace and engineering fields. The visit helped them connect their classroom learning with real world applications.



During the session, the guest CEO of Galaxy Eye spoke about Mission Dristi, the world's first multi-sensor satellite powered by their Synfused OptoSAR Technology, which combines SAR and MSI on the same platform. The students were excited to learn about this innovation and its use in space research and earth observation. The session motivated them to gain more practical experience and take part in research and industry-based projects.

Thanks to the Infosys springboard team Ms Pruthvi Adishesha and our faculty Prof Anurag Gupta for coordinating with the students team.

Faculty Coordinator:

Prof Anurag Gupta, Assistant Professor, Dept. of CSE

INDUSTRY VISIT TO INFOSYS BANGALORE DC CAMPUS TO CELEBRATING TECH 2025



The Department of Computer Science & Engineering, SoE, Dayananda Sagar University attended the “Celebrating Tech 2025” event held on 20th November 2025 at the Infosys Bangalore DC campus. Students have been nominated for the Internship at Infosys.

The event featured several project presentations from the previous batch of internship teams, evaluated by industry experts. The discussions and suggestions shared during the sessions were highly insightful and helped our students understand the expectations and standards required for high-quality industry projects. The students also had the opportunity to interact in person with the Infosys team and discuss the ongoing projects currently being developed at Infosys. We extend our sincere thanks to our Chairperson, Dr. Girisha G. S. Sir and the Infosys Springboard SPoC, Dr. Basavaraj N. Hiremath Sir, for creating this valuable opportunity for our students to participate in such events.

Faculty coordinator:

Dr. Savitha Hiremath, Dept of CSE

INDUSTRIAL VISIT TO U R RAO SATELLITE CENTRE (URSC), ISRO



The Department of Computer Science and Engineering, Dayananda Sagar University, organized an industrial visit to the U R Rao Satellite Centre (URSC), ISRO on 25 November 2025, where students had a wonderful and inspiring learning experience. Senior scientists at the URSC Exhibition Centre explained the latest satellite launch technologies and recent innovations in space research, giving students valuable insights into India's advancements in the space sector.

We extend our sincere thanks to Dr. Girisha G. S., Chairperson, for providing this excellent opportunity, and to the Transport Department for arranging timely transportation. We also express our gratitude to the DSU Management for their continued support.

Faculty coordinator:

Dr. Renukadevi M N, Assistant Professor, Dept. of CSE

Dr. Praveen Kulkarni, Associate Professor, Dept. of CSE

OUTREACH ACTIVITY ON “TECH LITERACY AND HYGIENE AWARENESS CAMP FOR PRIMARY GRADE STUDENTS”



The poster features logos for IEEE Computer Society, School of Engineering, and Dayananda Sagar University. The text is centered and uses a mix of white, yellow, and blue colors. Logos include the IEEE Computer Society symbol, the School of Engineering crest, and a stylized head with a gear for a brain.

IEEE COMPUTER SOCIETY

SCHOOL OF ENGINEERING

DAYANANDA SAGAR UNIVERSITY
Harohalli, Kanakapura main road, Bengaluru South dist.-562112

SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
TECH LITERACY AND HYGIENE AWARENESS
CAMP FOR PRIMARY GRADE STUDENTS
AN OUTREACH ACTIVITY

CONVENORS:
Dr. Udaya Kumar Reddy K R,
Dean, SOE,DSU
Dr. Girisha G S, Chairperson, CSE

FACULTY COORDINATORS:
Dr. Basavaraj N Hiremath
Faculty Advisor, IEEE Computer Society &
Professor, Dept. of CSE
Dr. Savitha Hiremath
IEEE Member & Associate Professor,
Dept. of CSE
Prof. Nandini K
Assistant Professor,
Dept. of CSE
Dr. Chetan V Sagarnal
Assistant Professor,
Dept. of CSE

TIME:- 11 AM --2:30 PM
DATE:- 20/NOV/2025
VENUE:- Government Higher Primary School, Hosa gabbadi Kanakapura Road, Bengaluru

STUDENT COORDINATORS:

- Soham R Hiremath
- Sanjana R G
- Rahila M S
- Kiran B
- Vishwas Mutha
- Roohan R Kulkarni

The Department of Computer Science & Engineering, SoE, Dayananda Sagar University was a part of outreach activity “Tech Literacy and Hygiene Awareness Camp for Primary Grade Students” on 20 Nov 2025. Outreach initiative organized by the Department of Computer Science & Engineering in association with the IEEE Computer Society and the Data Analytics and Visualization Club. Tech Literacy and Hygiene Awareness Camp for Primary Grade Students aimed at introducing young learners to basic technology concepts while also promoting essential hygiene practices through engaging activities and fun learning sessions for the Primary grade students.



Extend gratitude to Chairperson, Dr. Girisha G S, dept of CSE, Dr. Revathi, and Dr. Basavaraj N Hiremath Sir for their guidance and support throughout the event.

Faculty coordinator:

Dr. Basavraj N Hiremath

Dr. Savitha Hiremath

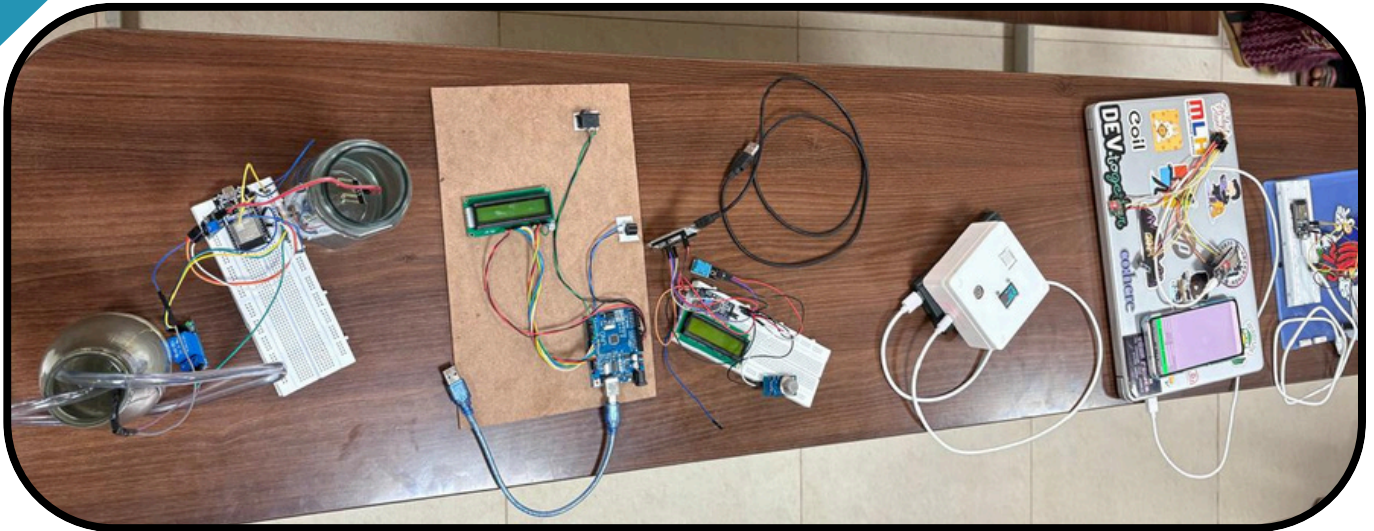
Prof. Nandini K

Dr. Chetan V Sagarnal

IOT PROJECT EXPO



The Department of Computer Science & Engineering at Dayananda Sagar University organized IoT Project Expo to 7th sem on 28 Nov 2025. The Project Expo 2025 showcased innovative solutions developed by students across multiple departments, focusing on IoT, security, sustainability, and smart systems. The expo aimed to encourage problem-solving, creative thinking, and practical application of modern technologies. A total of eight multidisciplinary projects were exhibited, demonstrating strong technical skills and societal relevance. The event provided a platform for students to present prototypes, receive expert feedback, and explore opportunities for further development and commercialization.



The Project Expo 2025 successfully highlighted the innovation capacity of students and encouraged hands-on learning in IoT, automation, security, and sustainable technologies. The showcased projects demonstrated strong potential for societal impact and real-world implementation. The institution will continue to support such initiatives to strengthen research, innovation, and industry collaboration.

DIGITAL LOGIC DESIGN - PROJECT EXPO



The Department of Computer Science & Engineering, SoE, Dayananda Sagar University conducted The Digital Logic Design Lab Project Expo on 26th and 27th Nov 2025 during lab hours to showcase student-built digital system prototypes implemented on the Edge Spartan-7 FPGA Kit. The expo aimed to strengthen students' understanding of combinational and sequential logic, finite-state machines, FPGA programming, and real-time digital system design. Students demonstrated working models designed using Verilog/VHDL, test benches, timing simulations, and real-time FPGA deployment.



DIGITAL LOGIC DESIGN


DISPLAYING A CUSTOM MESSAGE

16X2 LCD USING FPGA SPARTAN EDGE 7

MEMBERS:-
 SHRAMIT SARUPYA SWAIN, 3J, 39, ENG24CS0655
 SHUBHANGI JHA, 3J, 46, ENG24CS0662
 SUKUMAR KONGARA, 3J, 60, ENG24CS0677

TITLE: DISPLAYING MESSAGE

NAME	ROLL NO.
ROPFUVETA SAKHA	01
SAMARTH P REDDY	10
SHISHIR VENKAT	33

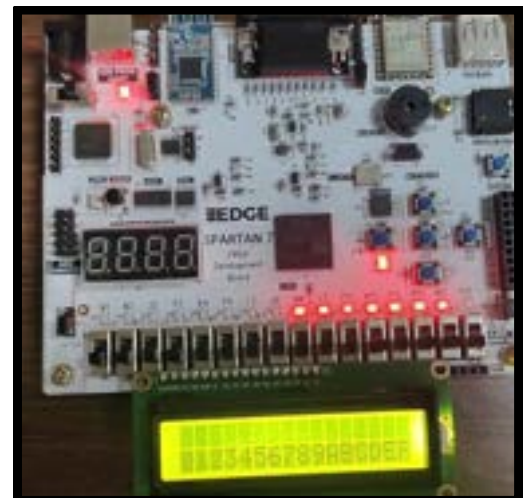


Interactive Dual Digit Counter

Based on Spartan FPGA 7 Board



USN: SAYAN HALDER (ENG24CS0642)
 SHIVAM KUMAR (ENG24CS0650)
 SANIDYA JAIN (ENG24CS0633)



The expo provided a platform for creativity, innovation, and practical learning using industry-relevant FPGA technology. The Digital Logic Design Lab Project Expo provided an excellent platform for students to apply digital design concepts using FPGA technology. The Edge Spartan-7 FPGA served as a powerful tool enabling students to create innovative, real-time digital prototypes. The event showcased the technical capability, creativity, and problem-solving abilities of the students, aligning with the institution's goals of hands-on learning, innovation, and research-driven education.

EXTENSION ACTIVITY ON “PLASTIC-FREE RALLY”



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University actively participated in the Plastic-Free Rally held on 05 December 2025 as part of the 100-Day Swachh Abhiyan conducted at T. Hosahalli. The rally was an awareness-driven initiative aimed at reducing the use of single-use plastics and promoting eco-friendly alternatives. Students and faculty members came together to engage with the local community, spreading awareness on responsible waste disposal, cleanliness, and the importance of adopting sustainable practices in everyday life. Through enthusiastic student participation, informative interactions, and collective action, the rally emphasized responsible consumption and sustainable lifestyle choices. This initiative strongly aligns with the United Nations Sustainable Development Goal 12: Responsible Consumption and Production, encouraging individuals to minimize environmental impact and protect natural resources. The active involvement of Dayananda Sagar University students reflected their commitment to social responsibility, environmental stewardship, and the vision of a cleaner, greener future.

Faculty Coordinator:

Prof . Pavithra D, Assistant Professor, Dept. of CSE



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PLACEMENTS



PLACEMENTS



SL NO	USN No	FULL NAME	Company	CTC
1	ENG22CS0252	ARYABHISHEK VERMA	Phonepe	22.5
2	ENG22CS0534	B DHEERENDRA ACHAR	Phonepe	22.5
3	ENG22CS0292	DHRUV RAVI	Phonepe	22.5
4	ENG22CS0129	RAHUL H JADVANI	Phonepe	22.5
5	ENG22CS0172	SMRITI SANJAY ELIGAR	Phonepe	22.5
6	ENG22CS0164	SHIVANI K	Vivnovation	20
7	ENG22CS0092	LIKITH SOMANNA C M	NEW RELIC	19
8	ENG22CS0095	M NAVEEN	NEW RELIC	19
9	ENG22CS0229	ADRIAN RONAN DAS	NEW RELIC	19
10	ENG22CS0314	HARINI SRI S	Google IT Services India Pvt Ltd	16.2
11	ENG22CS0083	KRISHNA IDNANI	ZETA	16
12	ENG22CS0182	SPANDANA K.R	OpenText	15

SL NO	USN No	FULL NAME	Company	CTC
13	ENG22CS0200	UMABHARATHI N M	OpenText	15
14	ENG22CS0578	ROHAN JAISWAL	Whatfix	12
15	ENG22CS0140	S G SUMANTH	Aparoksha Financial Services	12
16	ENG22CS0201	V NETHRAVATHI	Oracle OFSS	9.82
17	ENG22CS0068	HARSHITHA A N	PHINIA Delphi	9
18	ENG22CS0032	BILAL AHMED NAUSHAD KALBURGI	Eurofins IT solutions	8.7
19	ENG22CS0603	VARIKUTI DAYANANDAREDD Y	Nokia	8.25
20	ENG22CS0051	DIVYA D A	Nokia	8.25
21	ENG22CS0485	TENZIN KALDEN	Nokia	8.25
22	ENG22CS0121	PRAJWAL B R	Nokia	8.25
23	ENG22CS0022	APOORVA K R	Nokia	8.25

SL NO	USN No	FULL NAME	Company	CTC
24	ENG22CS0085	KUSHALA REDDY B P	Nokia	8.25
25	Eng22cs0155	SATWIK KASHYAP	Nokia	8.25
26	ENG22CS0038	CHANDAN N S	Nokia	8.25
27	ENG22CS0319	HARSHITHA PG	Nokia	8.25
28	ENG22CS0066	HARISH LONI	Edgeverve Systems	8
29	ENG22CS0161	SHASHANK S	Edgeverve Systems	8
30	ENG22CS0083	KRISHNA IDNANI	42 Gears	8
31	ENG22CS0088	LEKHAK M	CDM Smith	8
32	ENG22CS0529	ANUSHA KOGUNDEMATT	StoneX	8
33	ENG22CS0281	CHIRANJEEV KAPOOR	Clarivate	7.5
34	ENG22CS0123	PRATHAM U K	Fractal Analytics	7

SL NO	USN No	FULL NAME	Company	CTC
35	ENG22CS0135	RAKSHIT KOPPAD	Fractal Analytics	7
36	ENG22CS0110	NEETHU J	Cognizant	6.75
37	ENG22CS0043	CLIFFORD THIYAM	Pelatro	6.5
38	ENG22CS0093	LIKITHA M R	Pelatro	6.5
39	ENG22CS0108	NANDINI R	Pelatro	6.5
40	ENG22CS0158	SHAIK FAHAD	Pelatro	6.5
41	ENG22CS0272	C V DHATRI	Pelatro	6.5
42	ENG22CS0021	ANUSRI RAO	DataGrokr	6
43	ENG22CS0153	SATHISH S	DataGrokr	6
44	ENG22CS0402	R S CHIRAAG	Talview	6
45	ENG22CS0236	AMRITA SHIVAKUMAR HARAVI	RedAnt Technologies	6

SL NO	USN No	FULL NAME	Company	CTC
46	ENG22CS0435	SAMIR KUMAR	Intimetec	5.5
47	ENG22CS0170	SINCHANA M	MathCo	5.5
48	ENG22CS0211	YASH SONI	MathCo	5.5
49	ENG22CS0283	D N PADMASHRI	MathCo	5.5
50	ENG22CS0404	RAHUL KUMAR SAHOO	MathCo	5.5
51	ENG22CS0547	GUNDA PRANAV ADITYA	MathCo	5.5
52	ENG22CS0147	SAMARTH KUSHWAHA	Solutionec Private Ltd	5
53	ENG22CS0196	TANUJA DEVARAMANI	Solutionec Private Ltd	5
54	ENG22CS0263	BATCHU CHAITANYA SAI KUMAR	Solutionec Private Ltd	5
55	ENG22CS0397	PRIYANKA DAS	Solutionec Private Ltd	5

SL NO	USN No	FULL NAME	Company	CTC
56	ENG22CS0311	GUNUPUDI AMRUTHA SHARON	HALMA INDIA	4.8
57	ENG23CS1022	AKSHATA MAHANTESH ATHANI	HALMA INDIA	4.8
58	ENG22CS0020	ANUSHREE S	SAP	4.56
59	ENG22CS0265	BHAVANARI SHIVA SATWIK	SISA Information Security	4.5
60	ENG22CS0453	SHISHIRA CHANDRA V	SISA Information Security	4.5
61	ENG22CS0207	VIKRAM G RATHOD	Cognizant	4
62	ENG22CS0510	VIVEK S H	Cognizant	4
63	ENG22CS0255	ASHTON DEON BRAGGS	Cognizant	4
64	ENG22CS0543	GAUTAM SUHAS S	Cognizant	4
65	ENG22CS0013	AKSHAY J	Edgeverve Systems	3.6
66	ENG22CS0423	S RAKSHITHA	Edgeverve Systems	3.6



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FACULTY ACHIEVEMENTS



FACULTY ACHIEVEMENTS



Prof. Mala B A, Assistant Professor, Department of CSE, published a research paper titled “VISION AID–A Light Weight Blind Assistance Tool Using IoT and Computer Vision Techniques” in the Scopus indexed Springer LNNS series “Data Mining and Information Security” Proceedings of ICDMIS 2024, Volume 1 ISBN 978-981-96-6046-9, https://doi.org/10.1007/978-981-96-6046-9_16.



Prof. Diana George, Assistant Professor, Department of CSE has received “women in research excellence- Global Woman of Science award” from ELEVATEX Awards 2025 at International Conference on Artificial Intelligence and Networking (ICAIN-2025) Organized by BITS Pilani, Dubai Campus in association with Indian Institute of Information Technology, Allahabad Springer LNNS (Indexed in DBLP EI Compendex, INSPEC, SCImago, SCOPUS , WTI AG, zbMATH) on 6th - 7th October 2025.

Prof. H. A. Sharath, Assistant Professor, Department of CSE published a research work in the Q1 journal named IEEE Access with the title “Quantum-Resilient Cryptography: A Survey on Classical and Quantum Algorithms” during October 2025.



FACULTY ACHIEVEMENTS



Dr. Renuka Devi M N, Dr. P Naresh, Dr. Shreekant Salotagi, Assistant Professors and Dr. Praveen Kulkarni, Dr. Sridhar S K, Associate Professors, Department of CSE presented a research paper titled “Predictive Modeling of Cardiovascular Disorders through Hybridized Ensemble Strategies and Deep Neural Architectures for Enhanced Diagnostic Accuracy” at the 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025) organized by RVS College of Engineering and Technology (RVSCET), Coimbatore, India on 6th to 8th October 2025.



Prof. Bharath B, Assistant Professor, Department of CSE presented a research paper titled “Trustworthy AI-Powered Multimodal Biofeedback for Stress Management: An Explainable, Privacy-preserving and Fairness-Aware Framework” at the 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025) organized by RVS College of Engineering and Technology (RVSCET), Coimbatore, India on 6th to 8th October 2025.

FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Pooja Shree H R, Prof. Mala B A, Assistant Professors and Dr. George Fernandez I, Associate Professor, Department of CSE presented research paper titled “Sustainable IoT for Healthcare: An Energy-Aware Approach for Remote Patient Monitoring” at the IEEE Technical sponsored Second International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF2025) held at St. Joseph’s Institute of Technology (Autonomous), Chennai, TamilNadu, India on 09 & 10, October 2025.

Dr. George Fernandez I, Associate Professor, Department of CSE presented a research paper titled “Pharmaceutical Quality Assurance via Transformer-Based Deep Learning Models for Automated Tablet Defect Detection” at the IEEE Technical sponsored Second International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF2025) held at St. Joseph’s Institute of Technology (Autonomous), Chennai, TamilNadu, India on 09 & 10, October 2025.



FACULTY ACHIEVEMENTS



Prof. Sweta Chopdar, Prof. Soumadip Mondal, Prof. Mithun Kumar, Prof. Sruthi Y, Prof. Diana George, Assistant Professor and Dr. George Fernandez I, Associate Professor, Department of CSE presented a research paper titled “Carbon-Aware AI Workload Scheduling with Renewable Energy Sources” at the IEEE Technical sponsored Second International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF2025) held at St. Joseph’s Institute of Technology (Autonomous), Chennai, TamilNadu, India on 09 & 10, October 2025.

FACULTY ACHIEVEMENTS



Dr. George Fernandez I, Associate Professor and Prof. Diana George, Assistant Professor, Department of CSE presented a research paper titled “Pattern-Driven Multimodel Brain Imaging Fusion for Early Vision Defect Detection” at the IEEE Technical sponsored Second International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF2025) held at St. Joseph’s Institute of Technology (Autonomous), Chennai, TamilNadu, India on 09 & 10, October 2025.

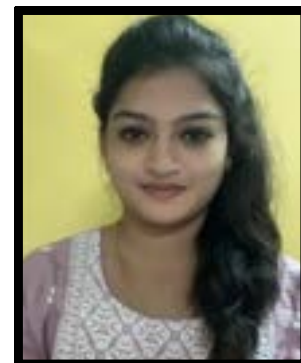
Dr. George Fernandez I, Associate Professor, Department of CSE presented a research paper titled “TDP-QIMLE: A Novel Temporal Differential Privacy with Quantum-Inspired Multi-Layer Encryption Framework for Secure EHR Data Storage in Cloud Computing” at the IEEE Technical sponsored Second International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF2025) held at St. Joseph’s Institute of Technology (Autonomous), Chennai, TamilNadu, India on 09 & 10, October 2025.



FACULTY ACHIEVEMENTS



Dr. George Fernandez I and Dr. Revathi V, Associate Professors, Department of CSE Served as a Session chair at the IEEE Technical sponsored Second International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF2025) held at St. Joseph's Institute of Technology (Autonomous), Chennai, TamilNadu, India on 09 & 10, October 2025.



Prof. Sushma D S, Assistant Professor, Department of CSE has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Explainable AI (XAI): A Deep Dive into AI Transparency and Interpretability at VIT Bhopal University from 06/10/2025 to 11/10/2025.

FACULTY ACHIEVEMENTS



Prof. Bharath M B and Prof. Pooja Shree H R, Assistant Professors Department of CSE presented research paper titled “AvianTrack: Real-Time Bird Species Detection and Classification in Streaming Video via YOLOv8” at the International Conference on Artificial Intelligence and Networking (ICAIN-2025) organized jointly by BITS Pilani, Dubai Campus, UAE in association with the Indian Institute of Information Technology, Allahabad, India & Universal Innovators, Delhi, India on 6th - 7th October 2025.



Dr. Gokulakrishnan S, Assistant Professor Department of CSE has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Recent Advances in IoT and AI for a Smarter Future for Revolutionizing Society at Academy of Maritime Education and Training Deemed to be University from 13/10/2025 to 18/10/2025.

FACULTY ACHIEVEMENTS



Prof. Kavyashree I Pattan, Dr. Renukadevi M.N, Prof. Pooja Shree H R, Prof. Nandini K, Prof. Arpita Paria, Assistant Professors, and Dr. Revathi V, Associate Professor, published a paper titled “NeuroGaitAssist: Advanced Gait Analysis for Detecting Neurological Disorders and Aiding Paralysis Patients” in the IEEE during October 2025, which was presented at the 9th International Conference on Inventive Systems and Control (ICISC-2025).

FACULTY ACHIEVEMENTS



Dr. Natarajan Venkateswaran, Professor of Dept. of Computer Science and Engineering, has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Explainable AI (XAI): A Deep Dive into AI Transparency and Interpretability at VIT Bhopal University from 06/10/2025 to 11/10/2025.



Dr. Savitha Hiremath, Associate Professor, Department of CSE, participated as a Resource Person in the One Day Faculty Development Program on “Document Preparation and Research Writing using LaTeX” organized by the Department of Computer Science and Engineering, RV Institute of Technology and Management, Bengaluru, on 9th October 2025.

FACULTY ACHIEVEMENTS



Prof. Muthu Bala. N, Assistant Professor, Department of CSE presented a research paper titled “New Parent App: A Mobile based Baby Growth and Milestone Tracker with Chatbot Support” in the three-day International Conference on Sustainable Communication Networks and Application (ICSCN 2025) organized by Bharath Niketan Engineering College Thimmarasanaickanoor, Aundipatty, Theni Dt, held during 15-17, October 2025.



Prof. Muthu Bala. N, Assistant Professor, Department of CSE presented a research paper titled “AI Enabled Smart Healthcare System for Intelligent Patient Management” at the 2nd International Conference on Electronic Circuits and Signaling Technologies ICECST 2025 organised by Lincoln University College Petaling Jaya, Malaysia on 23-25, October 2025.

Dr. Renukadevi M.N, Assistant Professor, Department of CSE has received a Seed Money Amount of Rs. 3,08,063 as a principal Investigator for the Project Titled “Novel Deep Learning Framework for Analyzing Classroom Video and Audio-Text Features to Transform Teaching Strategies” for 2 years from Dayananda Sagar University during October 2025.



FACULTY ACHIEVEMENTS



Dr. Sridhar S K, Dr. Praveen Kulkarni, Associate Professors, Dr Naresh P, Dr. Naitik S T, Dr. Shreekanth Salotagi, Assistant Professors, and Mr. Jayesh Ranjan(ENG23CS0326), 3rd year student, Department of CSE successfully presented a research paper titled “Detection of Speech Oriented Fraud Using Supervised Machine Learning Algorithms” and received the “Best Paper award” in the 2nd International Conference on Software, Systems and Information Technology (SSITCON-2025) completed SSITCON -2025 Conference on 17th & 18th October, 2025.

FACULTY ACHIEVEMENTS



Dr. Girisha G S, Professor and Chairperson, Department of CSE published an Indian patent titled “Hybrid SRGAN-CNN-LSTM Model for Classifying Dysgraphia in Primary School Children Using Handwritten Images” during 17th October 2025 with the application number 202541087117.



Prof. Benaka Santhosha S, Assistant Professor, Department of CSE, presented a research paper titled “Improving Lung CT clarity Using Frequency - Domain Artifact Reduction” and won the “Best Paper Award” at the International Conference on Emerging Technologies in Electronics and Green Energy (ICETEG 2025) held at JSS Science and Technology University, Mysuru, during 10th and 11th October, 2025.

FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Gaurav Kumar, Prof. Yashaswini H C, Prof. Pooja Shree H R, Assistant Professors and Dr. Kumar Dilip, Associate Professor, Department of CSE, published an Indian patent titled “Wearable Sweat Biosensor Patch for Non-Invasive Health Monitoring” during 31st October 2025 with the application number 202541094988.



Prof. Muthu Bala. N, Assistant Professor, Department of CSE presented a research paper titled “Dynamic Storytelling with AI: Real-Time Adaptation of Narratives Through NLP and Generative Models” in the Hinweis Fourth International Conference on Networking, Communication and Computing Technology, NCCT 2025 during 25th to 26th October 2025.

FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Vishwas D B, Prof. Yashaswini H C, Assistant Professors, Department of CSE has Presented a Paper entitled “Federated Learning Approaches for Privacy - Preserving XSS Detection” in the IEEE International Conference on Communication, Computer, and Information Technology (IC3IT-2025) organized at Mysuru Royal Institute of Technology, Mandya, India on 24h and 25 October 2025 in association with IEEE Bangalore Section and IEEE Mysore.

FACULTY ACHIEVEMENTS



Prof. Sweta Chopdar, Prof. Soumadip Mondal, Prof. Mithun Kumar, Prof. Sruthi Y, Prof. Diana George, Prof. Sumy Joseph, Assistant Professors and Dr. George Fernandez I, Associate Professor, Department of CSE published an Indian patent titled “Method and System for Multi-Objective Optimization of AI Workloads Using Carbon Intensity and Renewable Energy Forecasting” during 31st October 2025 with the application number 202541093796.

Dr. Revathi V, Associate Professor, Department of CSE, Contributed as reviewer for the "International Conference on Digital Technology and Engineering (ICDTE-2025)" held from 16th to 17th October 2025" organized by RV Institute of Technology and Management in collaboration with Springer.



FACULTY ACHIEVEMENTS



Prof. Muthu Bala. N, Assistant Professor, Department of CSE presented a research paper titled “A Review on Lung cancer detection Using deep learning techniques on CT and CXR Imaging: A synthesis of Ten key studies” at the International Conference on Digital Technology and Engineering (ICDTE-2025) organized by RV Institute of Technology and Management (RVITM) during 16-17 October 2025.



Prof. Arpita Paria, Assistant Professor, Department of CSE successfully presented research work titled “Glaucoma Detection using Deep Learning on Retinal Fundus Images” has submitted the paper which has been approved and presented for publication in the Hinweis Fourth International Conference on Networking, Communication and Computing Technology, NCCT-2025 during October 25-26, 2025.



Prof. Nandini K, Assistant Professor, Department of CSE successfully presented research work titled “Forest Fire Detection using Next-Gen Technologies for Ecosystem Protection” has submitted the paper which has been approved and presented for publication in the Hinweis Fourth International Conference on Networking, Communication and Computing Technology, NCCT-2025 during October 25-26, 2025.

FACULTY ACHIEVEMENTS



Prof. Arpita Paria, Prof. Kavyashree I Pattan, Dr. Renukadevi M.N, Prof. Nandini K, Assistant Professors, Dr. Revathi V , Dr. Savitha Hiremath, Associate Professors, Department of CSE successfully presented research work titled "Comparative Evaluation of Machine Learning Models for "Calorie Burn Prediction Using Regression Metrics" at the "INCSTIC Conference" 1st International Conference on Smart Technologies and Intelligent Computing, during 17th - 18th October, 2025.

FACULTY ACHIEVEMENTS



Prof. Benaka Santhosha S, Assistant Professor, Department of CSE has successfully defended his Final Ph.D Viva Voice on the research work titled “ Enhancing Image Security through Encryption methods” under the guidance of Dr. Sudheesh K V, Professor, Vidya Vardhaka College of Engineering, Mysore, affiliated to Visvesvaraya Technological University, Belagavi, during 3rd November 2025.



Dr. Bipin Kumar Rai, Professor, Department of CSE published a research article titled: “A quantum-driven multi-stage framework integrating variational entanglement, reinforcement learning, and federated explainability for climate-resilient farming” in Scientific Reports (SCIE Q1, Impact Factor 4.3) – Springer Nature, Volume 15, Article 38363 (2025), on 3 November 2025.

FACULTY ACHIEVEMENTS



Dr. S. Ramesh, Professor, Department of CSE has been awarded the title of “Kalpa Acharya” for his remarkable achievements and contributions, at the Bharat Education Excellence Awards (BEEA) during 8th November 2025. The event was graced and presided over by Dr. Buddha Chandrasekhar, Chief Coordinating Officer, AICTE, Ministry of Education, Government of India, and CEO of Anuvadini AI.



Prof. Bharath B, Assistant Professor, Department of CSE, has successfully presented the paper titled “Smart Classroom and Timetable Scheduling System using Hybrid Graph Coloring and Cloud Optimization” at the 9th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2025), organised by RVS Technical Campus, Coimbatore, India, on 5-7, November 2025.

FACULTY ACHIEVEMENTS



Dr. Sivananda Lahari Reddy, Associate Professor and Dr. Bipin Kumar Rai, Professor, Department of CSE published a research article titled “Proof-of-Metrology (PoM): A Blockchain Consensus for Tamper-Proof Calibration in Adversarial Cyber-Physical Systems” in the IEEE Access Q1, Scopus/SCIE indexed, with Impact Factor (IF): 3.6 during 20th November 2025.



Dr Arunkumar Gopu, Associate Professor, Department of CSE, delighted to be a Special Invitee at PhDEdits Conference Session, a wonderful initiative by Ph.D. scholars, for Ph.D. scholars, fostering collaboration and knowledge exchange. Organised by IEEE Communications Society, Bangalore chapter during 12th November 2025.

FACULTY ACHIEVEMENTS



Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE, published a research article titled “Online Alert System for DDoS Attack Detection and Prevention Using Machine Learning Classification Algorithms” in Cogent Engineering, a Taylor and Francis Q2 journal, on 18 November 2025..



Dr. Revathi V and Dr. George Fernandez I, Associate Professors, Department of CSE are Contributed as reviewer for the papers submitted to the International Conference on “Intelligent Systems for Pioneering Innovation in Robotics and Electric Mobility” - INSPIRE 2025 (IEEE Conference #67328) organized by Mangalore Institute of Technology & Engineering, Moodabidri, India, on 20 & 21 November, 2025.

FACULTY ACHIEVEMENTS



Dr George Fernandez I, Associate professor, Department of CSE, Served as a Reviewer for 1 manuscript at the European Journal Of Computer Sciences And Informatics during 20th November 20 2025.



Dr. Damodharan D, Assistant Professor, Department of CSE, for sharing his valuable knowledge on Theme “Quantum Computing: The Next Frontier in Computation” as Resource Person during the Faculty Development Program on Frontiers of Quantum Computing: Innovations and Applications in Contemporary Science and Engineering which took Place on 3rd Nov 2025 at Annamacharya Institute of Technology and science Kadapa DIST, AP.

FACULTY ACHIEVEMENTS

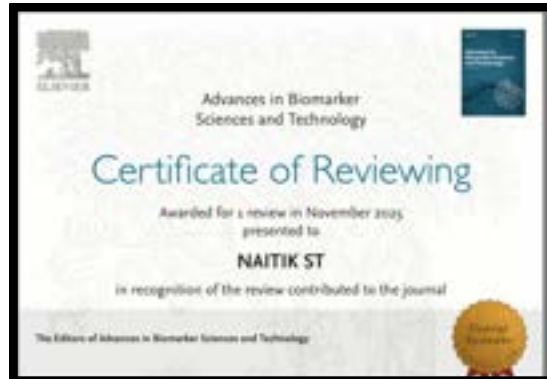


Dr. Prabhakar. M, Professor, Department of CSE published an IEEE paper titled "Implementing Blockchain Technology in Intelligent Sensor Networks for Enhanced Data Integrity" which was presented at 2025 International Conference on Intelligent Communication Networks and Computational Techniques (ICICNCT) in Bidar, India during 18th November 2025.

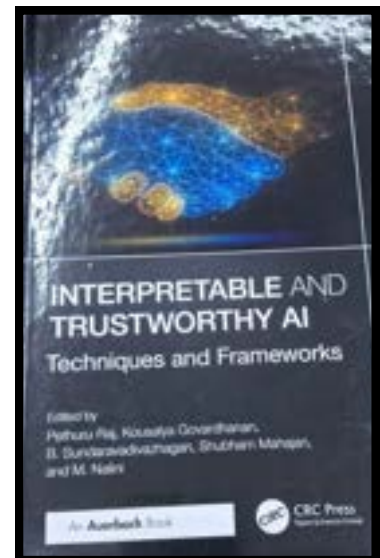


Dr. J. Sebastian Nixon and Dr. Girisha G S, Professors, Department of CSE published an Indian Patent titled "Multi-Layered Quantum Cryptographic Framework to Enhance the Quantum Communication Security" in the field of Communication with the application no 202541097376 during 14/11/2025.

FACULTY ACHIEVEMENTS



Dr. Naitik ST, Assistant Professor, Department of CSE, has Awarded a Elsevier - Certificate of Reviewing in the journal Advances in Biomarker Sciences and Technology for 1 review during November 2025.



Dr. Sivananda Lahari Reddy, Associate Professor, Department of CSE has published a book chapter titled “ Bridging Concepts to Reality” in the CRC Press (Taylor & Francis Group) with the book titled - Interpretable and Trustworthy AI during November 2025.

FACULTY ACHIEVEMENTS



Dr. Gokulakrishnan S, Assistant Professor, Department of CSE, published a co-authored book titled “Bridging Human and Machine Intelligence Through Deep Learning” , by Pandit Publications. at Sivakasi, Tamil Nadu with the ISBN 978-93-48908-81-0 during November 2025.



Prof. Bharath B, Assistant Professor, Department of CSE, has successfully presented the paper titled “Real-Time Public Transport Tracking for Small Cities: An IoT and AI-based Approach” at the 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2025) organized by the Department of Information Technology, Hindusthan Institute of Technology, Coimbatore, India, on 24-26 November 2025.

FACULTY ACHIEVEMENTS



Prof. Bharath M B and Prof. Mala B A, Assistant Professors, Department of CSE, has successfully published an Indian Patent titled “Secure Transaction Protocol for Payments Without Internet Connectivity” in the field of Electronics with the application no 202541110200 during 28/11/2025.



Dr. Naitik ST, Assistant Professor and Dr. George Fernandez Associate Professor, Department of CSE contributed as a Reviewers, during the IEEE International Conference on Electrical, Electronics and Computer Science with Advance Power Technologies - A Future Trend (ICE2CPT 2025), organized by the Department of Electrical Engineering, National Institute of Technology Jamshedpur, in association with the IEEE Kolkata Section, IEEE Industrial Electronics Society and IEEE Student Branch, NIT Jamshedpur, held from 29th to 31st October 2025.

FACULTY ACHIEVEMENTS



Dr N. Bharathiraja, Associate Professor, Department of CSE, has successfully published a research paper titled “Enhancing environmental sustainability through real-time bio-waste detection using YOLOv6-CSP and relevance vector machine for improved waste management” in the Journal Measurement, with DOI: 10.1016/j.measurement.2025.119370, by the Publisher Elsevier, SCIE/Scopus Indexed - Q1, Impact Factor:5.6, during November 2025.



Dr N. Bharathiraja, Associate Professor, Department of CSE, has successfully published a research paper titled “Enhancing Road Safety Through Wearable Sensor Technology and Explainable Artificial Intelligence: A Novel Approach To Cognitive Load Monitoring in Driving” in the International Journal of Intelligent Transportation Systems Research, 1-24. DOI <https://doi.org/10.1007/s13177-025-00545-1>, by the Publisher Springer, WOS/Scopus Indexed - Q2 Journal during November 2025.



Dr N. Bharathiraja, Associate Professor, Department of CSE, has successfully published a research paper titled “Development of Hybrid Explainable Artificial Intelligence With Swin Vision Transformer Intrusion Detection for Securing VANETs From Attacks” in the Wiley publications Q2 journal named Transactions on Emerging Telecommunications Technologies and DOI <https://doi.org/10.1002/ett.70280>, during November 2025.



FACULTY ACHIEVEMENTS



Prof. Nandini K, Assistant Professor, Department of CSE, has successfully presented and received best paper for the title "Sustainable E-Waste Management in 5G Smart Communities Using Blockchain" in the AICTE-VAANI sponsored 3-day bilingual national conference on "Smart Cities for the future: Enhancing sustainability through IoT and AI integration" organized by Cambridge Institute of Technology, Bengaluru during 6th to 8th November 2025.



Dr George Fernandez I, Associate Professor, Prof. Sowmya H D and Prof. Soumadip Mondal, Assistant Professors, Department of CSE published the research paper in IEEE entitled "Intelligent Load Balancing for AI-Enhanced Edge-Cloud Architectures" which was presented in the IEEE Technical Sponsored 1st International Conference on Recent Innovation Science, Engineering and Technology (ICRISET 2025) Jeppiaar Institute of Technology Chennai, Tamil Nadu, India, during 29th November 2025.



FACULTY ACHIEVEMENTS



Dr. Meenakshi Malhotra, Associate Professor, Department of CSE successfully published a book Chapter titled “AI-Enabled IADF Framework for MHD Diagnosis in AI and Data Engineering for Healthcare” in the 1st Edition, November 2025 with the book name “ AI and Data Engineering for Healthcare” , DOI: <https://doi.org/10.1201/9781003600947-11>.



Dr. Meenakshi Malhotra, Associate Professor, Dr. Girisha G S, Professor, and Mr. Giridhar S T (ENG23CSE004), M. Tech Student, Department of CSE, published the research paper in IEEE entitled “LLM-Based Dysarthric Communication Aid with Text and Voice Output” which was presented in the IEEE Technical Sponsored 1st International Conference on Recent Innovation Science, Engineering and Technology (ICRISET 2025) Jeppiaar Institute of Technology Chennai, Tamil Nadu, India, during 29th November 2025.

FACULTY ACHIEVEMENTS



Prof. Diana George, Assistant Professor and Dr George Fernandez I, Associate Professor, Department of CSE published the research paper in IEEE entitled “AI-Driven Integration of Multimodal Neuroimaging for Vision Defect Detection and Classification” which was presented in the IEEE Technical Sponsored 1st International Conference on Recent Innovation Science, Engineering and Technology (ICRISET 2025) Jeppiaar Institute of Technology Chennai, Tamil Nadu, India, during 29th November 2025.



Prof. Diana George, Assistant Professor and Dr George Fernandez I, Associate Professor, Department of CSE published the research paper in IEEE entitled “Automated Wireless Charging System for Electric Vehicles Using Cloud Control” which was presented in the IEEE Technical Sponsored 1st International Conference on Recent Innovation Science, Engineering and Technology (ICRISET 2025) Jeppiaar Institute of Technology Chennai, Tamil Nadu, India, during 29th November 2025.



FACULTY ACHIEVEMENTS

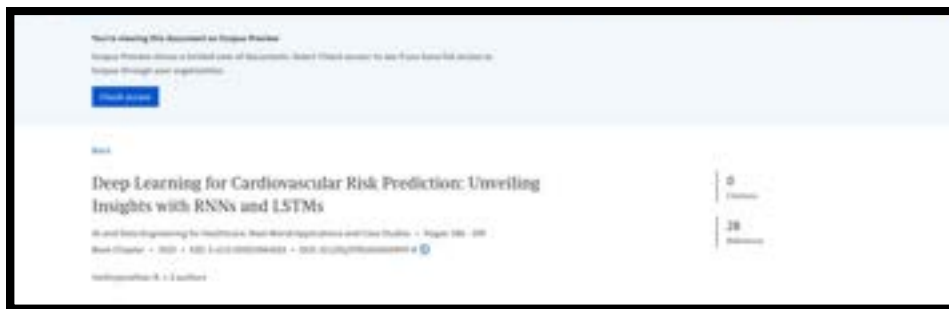


Dr George Fernandez I, Associate Professor, Dr. Girisha G S, Professor and Mr. K Sai Harsha Vardhan (ENG23CSE006), M. Tech Student, Department of CSE, published the research paper in IEEE entitled “Medical Imaging of Automated Diagnosis with Deep Learning Cloud-Based Framework” which was presented in the IEEE Technical Sponsored 1st International Conference on Recent Innovation Science, Engineering and Technology (ICRISET 2025) Jeppiaar Institute of Technology Chennai, Tamil Nadu, India, during 29th November 2025.

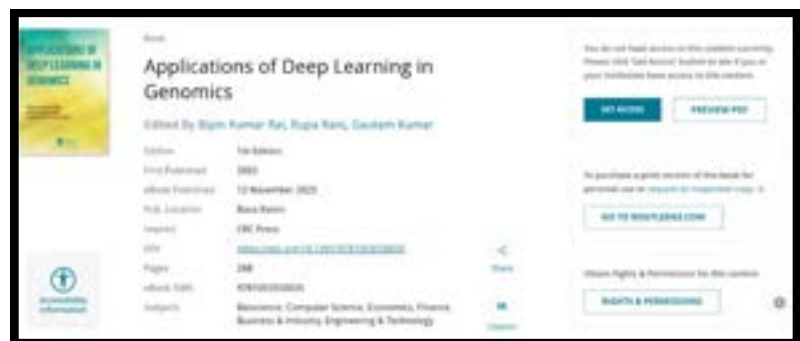


Prof. Bharath B, Assistant Professor, Department of CSE presented the paper titled “A Hybrid CNN-LSTM Framework for Spatiotemporal Prediction of Rockfall Hazards Using TLS, UAV Photogrammetry, and Geotechnical Sensor Data at the 2 International Conference on Data Engineering & Machine Intelligence (ICDEMI-2025) Organized by GITAM School of Computer Science Engineering (GSCSE) , and GITAM (Deemed to be University) , Bengaluru on 27 & 28 November 2025.

FACULTY ACHIEVEMENTS



Dr. Revathi V, Associate Professor, Dr. Girisha G S, Professor, Mr. Venkatesh P, Department of CSE published a scopus indexed book chapter titled “Deep Learning for Cardiovascular Risk Prediction: Unveiling Insights with RNNs and LSTMs” with the book name “AI and Data Engineering for Healthcare: Real-World Applications and Case Studies” Pages: 186 - 199 Book Chapter 2025EID: 2-s2.0-105023564163, DOI: 10.1201/9781003600947-8 during December 2025.



Dr. Bipin Kumar Rai, Professor, Department of CSE published a book titled “Applications of Deep Learning in Genomics” with the publisher Taylor and Francis group CRC Press with DOI <https://doi.org/10.1201/9781003558835> and eBook ISBN 9781003558835, indexed in scopus during December 2025.

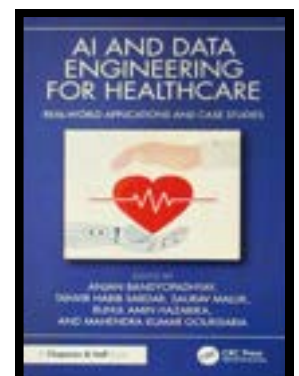
FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Mala B A, Prof. Yashaswini H C, Prof. Pooja Shree H R, Assistant Professors, Department of CSE has presented a paper titled “Smart Farming with Low-Cost Sensors: Helping Indian Farmers Save Water, Improve Soil Health and Increase Crop Yields” at the 2025 6th International Conference on Communication, Computing & Industry 6.0 (C2I6), held on 5th and 6th December 2025, in association with the IEEE Bangalore Section, organized by CMR Institute of Technology, Bengaluru.

Dr. Tanvir H Sardar, Associate Professor, Department of CSE published an Scopus indexed edited book titled “AI and Data Engineering for Healthcare: Real-World Applications and Case Studies” , published by CRC Press (Taylor & Francis), during December 2025.

<https://www.scopus.com/pages/publications/105023561136>.



FACULTY ACHIEVEMENTS



Dr. Natarajan Venkateswaran, Professor of Dept. of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, Bengaluru has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on “Recent Advances in Quantum Technology and its Applications” at Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior from 24/11/2025 to 29/11/2025.



Prof. Bharath M B, Prof. Gaurav Kumar, Assistant Professors, Dr. Kumar Dilip, Associate Professor, Dr. J S Nixon, Professor, Department of CSE successfully published an Indian Patent titled “Blockchain-Integrated Adaptive IoT Framework for Secure and Explainable Health Data Exchange and Diagnosis Support” in the field of Computer Science with the application no 202541112591 during 05/12/2025.



FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Mala B A, Prof. Pooja Shree H R, Assistant Professors, Department of CSE has presented a IEEE paper titled “LightRPL-IDS: A Lightweight Machine Learning-Based Intrusion Detection Framework for RPL-Enabled IoT Networks” in the 9th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS-2025) held from 20-22 November 2025, organized by the RV College of Engineering, Bengaluru, India and published during 19th December 2025.



Prof. Bharath M B, Prof. Mala B A, Prof. Pooja Shree H R, Assistant Professors, Department of CSE has presented a paper entitled “Cloud-Powered Federated Learning for Global Healthcare Diagnostics: Privacy Preserving Multi-Cloud Architecture” in the “International Conference on Information Management & Machine Intelligence (ICIMMI-2025)” held during DECEMBER 15-16, 2025 online at Poornima Institute of Engineering & Technology, Jaipur, Rajasthan.



FACULTY ACHIEVEMENTS



Dr. Tanvir Habib Sardar, Dr. Praveen Kulkarni, Associate Professors, and Dr. Pannagi Naresh, Assistant Professor, Department of CSE published a research article entitled “Quantum-Optimised Probabilistic U-Net with Quantum Entropy Calibration and Active Annotation for Reliable Sparse-Label MRI Brain Lesion Segmentations” in IEEE Access, an SCI & Scopus indexed Q1 journal with DOI: 10.1109/ACCESS.2025.3639179, Impact Factor: 3.6 during December 2025.



Dr. Tanvir Habib Sardar, Dr. Praveen Kulkarni, Associate Professors, and Dr. Pannagi Naresh, Assistant Professor, Department of CSE published a research article entitled "Multiscale Tumor Characterization in Histopathology via Self-Distilled Transformers and Topology-Aware Visual Encoding" in the Springer nature Scopus Indexed, Q1, SCIE Journal named Scientific Reports during December 2025. <https://www.nature.com/articles/s41598-025-27748-6>.



FACULTY ACHIEVEMENTS



Prof. Bharath B. Assistant Professor Department of CSE published a research article in IEEE entitled “Trustworthy AI-Powered Multimodal Biofeedback for Stress Management: An Explainable, PrivacyPreserving, and Fairness-Aware Framework” which was presented in the 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA) during 16th December 2025.



Dr. Ramesh Sekaran, Professor, Dr. George Fernandez I, Dr. Arunkumar Gopu, Dr. Jeeva S, Associate Professors, Department of CSE has presented a paper on “Automated Glaucoma Identification: A GAN-EVCNN Framework for Accurate and Efficient Diagnosis” in the 9th International Conference on “Micro-electronics and Telecommunication Engineering” (ICMETE 2025) organized by the Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad, U.P., India on 4th-5th December 2025.



FACULTY ACHIEVEMENTS



Dr. Revathi V, Dr. Arunkumar Gopu, Associate Professors, Mrs. Kavitha C, Research Scholar, Department of CSE published an Indian Patent titled “System and Method for Autonomous Vehicle Navigation Using Deep Reinforcement Learning Integrated with Variational Autoencoder” in the field of Electronics with the application no 202541111917 during 05/12/2025.



Dr. Benaka Santhosha S, Assistant Professor, Department of CSE has Presented paper entitled “Enhanced Passive Radar DOA Estimation Using Wigner-Ville Distribution and MUSIC Algorithm in Noisy Environments” for 5th IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC-2025) organized by the Department of Electronics and Telecommunication Engineering, Sri Siddhartha Institute of Technology, Tumakuru, in association with IEEE Bangalore Section, during 10-11 December, 2025.

FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Mala B A, Prof. Pooja Shree H R, Assistant Professors, Department of CSE has presented a paper entitled “Trust -Enhanced Blockchain-Cloud Integration Framework for Secure and Scalable Data Management” in 2025 1st International Conference on Advancement in Futuristic Technologies (ICAFT) online during 19th to 20th December 2025.

Dr N. Bharathiraja, Associate Professor, Department of CSE, has successfully published a research paper titled “Enhancing Autonomous Vehicle Security in Intelligent Transportation Systems through Quantum Computing and Optimisation-Based Federated Learning” in the Journal named International Journal of Heavy Vehicle Systems by the Publisher Inderscience Publishers with Impact Factor: 0.8 Vol. 32, Issue No. 6, Pages: pp 776-797, Indexing in Scopus & SCIE-indexed, Q3 rank during 3rd December 2025. DOI: <https://doi.org/10.1504/IJHVS.2025.150217>



FACULTY ACHIEVEMENTS



Prof. Bharath M B, Prof. Mala B A, Assistant Professors, Dr. Kumar Dilip, Associate Professor, Department of CSE has presented a paper entitled “Zero-Knowledge Privacy-Preserving Federated Learning for Cross-Institutional Medical Imaging Diagnostics” in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.

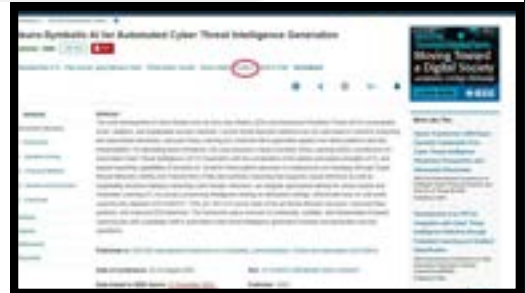


Prof. Muthu Bala. N, Assistant Professor, Department of CSE has published a research paper titled “Plant Leaf Disease Detection using MobileNetV2” in the ITM Web of Conferences indexed in Web of Science during December 2025.

FACULTY ACHIEVEMENTS



Prof. Fenita F, Assistant Professor, Department of CSE has published a paper in IEEE entitled “Neuro-Symbolic AI for Automated Cyber Threat Intelligence Generation” which was presented in the 2025 9th International Conference on Computing, Communication, Control and Automation (ICCCBEA) during 15th December 2025. DOI: [10.1109/ICCCBEA65967.2025.11284257](https://doi.org/10.1109/ICCCBEA65967.2025.11284257)



Prof. Fenita F, Assistant Professor, Department of CSE has presented a paper entitled “AI-Powered Predictive Ransomware and Malware Detection for Edge and Cloud Systems” at the IEEE Sponsored 2025 International Conference on NexGen Networks and Cybernetics (IC2NC) online held at Nandha Engineering College, Erode, India, during December 1-3, 2025.



Prof. Mala B A, Assistant Professor, Department of CSE has presented a paper entitled “Blockchain-based Trust and Privacy-Preserving Authentication using Federated Learning in Pharmaceutical Supply Chain” in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.



FACULTY ACHIEVEMENTS



Dr. Renukadevi M N, Assistant Professor, Department of CSE has published a scopus indexed book chapter titled “Attention-Based Convolutional Neural Networks for Arrhythmia Detection from ECG Data” with the book name “AI and Data Engineering for Healthcare: Real-World Applications and Case Studies” during December 2025, with DOI: 10.1201/9781003600947-2.



Dr. RenukaDevi M.N, Assistant Professor, Department of CSE, has actively participated in a 5-day Faculty Development Programme entitled “Generative AI for everyone: Tools, Techniques, and Real-World Impact” from 15.12.2025 to 19.12.2025 organized by Internal Quality Assurance Cell, St.Antony’s College of Arts and Sciences for Women (Autonomous), Amala Annai Nagar, Thamaraijadi, Dindigul in association with NeuroFinch EdTech, Bangalore.

FACULTY ACHIEVEMENTS



Dr. Praveen Kulkarni, Associate Professor, Dr. P Naresh, Dr. M N RenukaDevi, Prof. Kavyashree I Pattan, Prof. Yashpal Gupta, Assistant Professors, Department of CSE has published a paper in Scopus indexed Q3 journal with the title “MedGRU-SVC: A Hybrid ConvGRU and Support Vector Clustering Framework for Interpretable Anomaly Detection in Medical Radiographs” in the Mathematical Modelling of Engineering Problems journal during December 2025.



Dr. Jeeva S, Dr. George Fernandez I, Associate Professors, Dr. Ramesh Sekaran, Professor, Department of CSE, Dayananda Sagar University, presented a paper titled “Hybrid Deep Texture Learning for Automated Glaucoma Detection from Fundus Images” in the Eighth International Conference on Futuristic Trends in Networks and Computing Technologies (FTNCT'08), organised by the Department of Computer Science and Information Technology, KIET Deemed to be University, Ghaziabad, approved by the Procedia Computer Science Journal (Elsevier), from December 18th - 20th, 2025.





DAYANANDA SAGAR
UNIVERSITY

STUDENT ACHIEVEMENTS



STUDENT ACHIEVEMENTS



Mr. Prajwal B R (ENG22CS0121), Mr. Pratham U K (ENG22CS0123), Mr. Nithin P Hegde(ENG22CS0113), Mr. Goyal Raj(ENG22CS1034), Final year CSE Students and Prof. Mala B A, Prof. Bharath M B, Assistant Professors, Department of CSE presented research paper titled “DeFiHomes: A Secure and Transparent Decentralized Real Estate Platform with Smart Contract-Driven Actions” at the 2nd International Conference on Data Mining and Information Security ICDMIS 2025 (Hybrid Mode) on 7th & 8th October 2025 in collaboration with Eminent College of Management & Technology (ECMT) and University of Puthisastra, Cambodia.



Ms. Sneha M P (ENG22CS0176), Ms. Sneha (ENG22CS0173), Ms. Sinchana k (ENG22CS0169), Ms. Shashikala (ENG22CS0163), Final year CSE Students and Prof. Mala B A, Prof. Bharath M B, Assistant Professors, Department of CSE presented research paper titled “Secure and Auditable Electronic Health Record Management Using AES Encryption and Blockchain Verification for Rural Clinics” at the International Conference on Emerging Technologies in Electronics and Green Energy (ICETEG- 2025) in association with the IEEE Bangalore Section during 10-11 October 2025 at JSS Science and Technology University, Mysuru, Karnataka.



Ms. Arpita Sahoo (ENG23CS0271), 3rd year CSE student successfully participated in The NASA International Space Apps Challenge 2025 during October 4-5 2025 organized by DSU.



STUDENT ACHIEVEMENTS



Mr. Madhumithan S (ENG22CS0096), Mr. K Murugesh (ENG22CS0078), Mr. Mahesh R (ENG22CS0097), Mr. Anand Kumar (ENG23CS1040), Final year CSE Students and Prof. Mala B A, Assistant Professor, Department of CSE presented research paper titled “IoT-Guard: AI-Powered Intrusion Detection for Securing IoT Networks” at the International Conference on Emerging Technologies in Electronics and Green Energy (ICETEG- 2025) in association with the IEEE Bangalore Section during 10-11 October 2025 at JSS Science and Technology University, Mysuru, Karnataka.

Ms. Linga Reddy Gari Kavyanjali (ENG21CS0205), Mr. K. Amaresh Srujan Gupta (ENG21CS0178), Mr. Jonnavaram Gireesh Reddy (ENG21CS0171), Mr. Markapuram Lokesh Kumar (ENG21CS0225), 2025 passed out batch of CSE Students and Prof. Kavyashree I Pattan, Prof. Nandini K, Assistant Professors, Department of CSE presented research paper titled “A Smart Electricity Meter Using IoT for Real-Time Monitoring and Remote Control” at the International Conference on Emerging Technologies in Electronics and Green Energy (ICETEG- 2025) in association with the IEEE Bangalore Section during 10-11 October 2025 at JSS Science and Technology University, Mysuru, Karnataka.



STUDENT ACHIEVEMENTS



Mr. Pavan Kumar G R (ENG23CS0131), Mr. Prajwal Jyotiba Shindhe (ENG23CS0137) and Mr. Aditya Nayak (ENG23CS0009), 3rd year CSE students has a team Vade Gopal has secured the RunnerUp position with cash prize Rs.5000 for the Project titled : "Aura Wellness" - An AI platform for Stress Management in the AI/ML domain at the TechFusion 2025 Inter-College Hackathon held on October 14-15 organized by Dayananda Sagar Academy of Technology and Management, Bengaluru.



Ms. Ridhi Golchha (ENG23CS0164) and Mr. Tejas HR (ENG23CS0480), 3rd year CSE students successfully participated and were awarded as a global nominee in the top 10 teams at The NASA International Space Apps Challenge 2025 during October 4-5 2025 hosted by Dayananda Sagar University.

STUDENT ACHIEVEMENTS



Mr. Pavan Kumar G R (ENG23CS0131), Mr. Omkar S G (ENG23CS0128), Mr. Ibrahim Sharif (ENG23CS0078), Mr. Viresh Hiremath (ENG24CS1020) and Mr. P Gnanesh (ENG23CS0129) 3rd year CSE students as team, Cosmo Connect successfully participated and was awarded as a Local Award Winner (Special Recognition) at the 2025 NASA International Space Apps Challenge, hosted by Dayananda Sagar University during October 4-5 2025.

STUDENT ACHIEVEMENTS



Mr. Sidmal Madhan (ENG23CS0189) and Mr. Sumanth K M (ENG23CS0201) 3rd year CSE students has a team Code4o2 secured the Runners-Up position with cash prize Rs.5000 for the Project titled "Vayu Sahayog" - An AI platform for air quality management in the Datasience domain at the TechFusion 2025 Inter-College Hackathon held on October 14-15 organized by Dayananda Sagar Academy of Technology and Management, Bengaluru.

Ms. B R Lakshmi (ENG24CSE009) , M Tech 2nd semester Student, Department of CSE, Dr. Rajesh T M, Associate Professor, Dr. Renuka Devi M N, Prof. Kavyashree I Pattan, Dr P. Naresh, Prof. Yashpal Gupta S, Assistant Professors published a paper titled "Automated Detection of Phishing Websites Using Machine Learning Techniques" in the IEEE during October 2025, which was presented at the 9th International Conference on Inventive Systems and Control (ICISC-2025).



Mr. Mohammed Amirul Aman (ENG22CS0104), Mr. Raghavendragoud (ENG22CS0127), Mr. Raja Mohamad(ENG22CS0131) and Mr. Puneeth (ENG22CS0125) Final Year CSE Students under the guidance of Prof. Kavyashree I Pattan, Assistant Professor, published a paper titled "Multi-Disease Detection Using Hybrid Models and Transfer Learning: Cardiovascular, Pulmonary, Retinal and Renal" in the IEEE during October 2025, which was presented at the 9th International Conference on Inventive Systems and Control (ICISC-2025).



STUDENT ACHIEVEMENTS



Mr. Subhash Rathod (ENG22CS0188), Final Year CSE Student, and Prof. Kavyashree I Pattan, Dr. Renukadevi M N, Dr. P Naresh, Assistant Professors, and Dr. Praveen Kulkarni, Associate Professor, Department of CSE presented a paper titled “Autism Spectrum Disorder of Computational Prediction using Machine Learning” in the three-day International Conference on Sustainable Communication Networks and Application (ICSCN 2025), organized by Bharath Niketan Engineering College Thimmarasanaickanoor, Aundipatty, Theni Dt, held during 15-17, October 2025.

STUDENT ACHIEVEMENTS



Mr. Chandan N S (ENG22CS0038), Ms. Divya Neelappa Marangappanavar (ENG22CS0053), Mr. Honna Reddy G (ENG22CS0071), Ms. Indira S(ENG22CS0073), Final Year CSE Students under the guidance of Prof. Shilpa Sudheendran, Assistant Professor, Published a paper titled “Deep Learning based Goiter Detection and classification for Automated Severity Assessment” in the IEEE during October 2025, which was presented at the 9th International Conference on Inventive Systems and Control (ICISC-2025).



Mr. Chandan N S (ENG22CS0038), Ms. Divya Neelappa Marangappanavar (ENG22CS0053), Mr. Honna Reddy G (ENG22CS0071), Ms. Indira S(ENG22CS0073), Final Year CSE Students under the guidance of Prof. Mala B A, Assistant Professor, published a paper titled “Intelligent Failure Detection in Industrial Machines Using Hybrid ML and Anomaly Scores” in the IEEE during October 2025, which was presented at the 9th International Conference on Inventive Systems and Control (ICISC-2025).



Mr. Kumar Ayush(ENG22CS0347), Ms. Medha Sree Anand(ENG22CS0562), Final Year CSE Students and Dr. Tanvir Habib Sardar, Associate Professor, Prof. Tanaya Bala Behera, Assistant Professor, published a paper titled “Scalable Detection of Profile Cloning in Social Networks using MapReduce-based Machine Learning” in the IEEE during October 2025, which was presented at the 9th International Conference on Inventive Systems and Control (ICISC-2025).



STUDENT ACHIEVEMENTS



Mr. Clifford Thiyam (ENG22CS0043), Ms. Deolin Avrel Saldanha (ENG22CS0048), Ms. C. V. Dhatri (ENG22CS0272), Ms. Chadalavada Akshaya (ENG22CS0273), Final year CSE Students under the guidance of Prof. Mala B A, Assistant Professor, Department of CSE presented research paper titled “Enhancing Food (Turmeric) Supply Chain Transparency Using Automated Smart Contracts” offline at the 9th IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2025 IEEE DISCOVER), under IEEE Mangalore Subsection, 2025, organized by P. A. College of Engineering, Mangaluru, Karnataka, during October 17 - 18, 2025.



Mr. S Shreenidhi (ENG23CS0169), Mr. VINITH S (ENG23CS0221) and Mr. Jithin Gowda N (ENG23CS0328) 3rd year CSE students as team Cosmic X Coders successfully participated and was awarded as a Global Nominees at the 2025 NASA International Space Apps Challenge, hosted by Dayananda Sagar University during October 4-5 2025

STUDENT ACHIEVEMENTS



Mr. Raghav Thakur (ENG23CS0413), 3rd year CSE student Participated in Capture the Flag at Kalpavikas 1.0, organised by the School of Computer Science and Engineering (SoCSE), RV University on 10 and 11 October 2025 and secured the 4th rank in the event.



Mr. Abhay J Kashyap (ENG23CS0505), 3rd year CSE student Participated in TechFusion 2025, organized by the Department of Computer Science and Engineering in IoT and Cyber security including Blockchain Technology at Dayananda Sagar Academy of Technology and Management, Bengaluru, held from October 13-15, 2025.



Mr. Ved Ashoka Shetty (ENG23CS0493), 3rd year CSE student Participated in a Promptathon 2025 organized by Department of CSE-AIML, DSU on 16th October 2025.



Ms. Yashmitha P, (ENG23CS0230), 3rd year CSE student successfully participated in The NASA International Space Apps Challenge 2025 during October 4-5 2025 organized by DSU.



Ms. Unnati Rana (ENG23CS0670), 3rd year CSE student has been selected as a Google Student Ambassador (GSA), during September 2025 and she has been recognized as the Top Performer for the month October 2025 in overall Karnataka under the program.



STUDENT ACHIEVEMENTS



Ms. Ramyashree B (ENG23CS0161), 3rd year CSE student has successfully completed an online course on Pandas in Kaggle during 24th October 2025 and Network Fundamentals course in the Infosys Springboard online platform during October 22, 2025.



Ms. Diya S Reddy(5A) and Ms. I Impana CK(ENG23CS0079), 3rd year CSE student Participated in TechFusion 2025, organized by the Department of Computer Science and Engineering in IoT and Cyber security including Blockchain Technology at Dayananda Sagar Academy of Technology and Management, Bengaluru, held from October 13-15, 2025.



Ms. Maski Sneha (ENG23CS0109) and Ms. Roopa Nagaraj Doddamani (ENG23CS0166) 3rd year CSE students have successfully participated in Career Guidance Webinars conducted by Skill Dunia Edutech (ISO-certified organization) and also in collaboration with E-Cell IIT Hyderabad on 26th October 2025.

STUDENT ACHIEVEMENTS



Mr. Sidmal Madhan (ENG23CS0189), Mr. Kamran Hussain (ENG24CS1009), Ms. Roopa Nagaraj Doddamani (ENG23CS0166), and Ms. Maski Sneha (ENG23CS0109), 3rd year CSE students has a team Code2Impact participated in the National Level 24-hour Hackathon - Hack IT On'25, organized by the Department of Information Technology, KPR Institute of Engineering and Technology, Coimbatore, in association with IEEE ITS, on 23rd & 24th October 2025 for the project titled "ParyavaranSahyog (JeevaDhara)".

STUDENT ACHIEVEMENTS



ENG22CS0207	Vikram	G Rathod
ENG23CS0066	G	Nithesh
ENG22CS0102	Matin	Raheman Nadaf
ENG24CS0217	Shivaraj	
ENG24CS0125	Manoj	Satish shet
ENG22CS0002	A	Sachin
ENG23CS0107	Manoj	Kumar v
ENG23CS0056	Deekshith	Prasad r
ENG23CS0169	S	Shreenidhi
ENG24CS0017	Akshay	Annappa Naik

Ten Students from CSE, DSU have been selected for the Scholarship Program at PHINIA International, a global technology and automotive solutions company, during 3rd November 2025 and the total scholarship value awarded to the students is ₹10,00,000.



Mr. Sameer S Katte (ENG22CS0148), Mr. S G Samanth (ENG22CS0140), Mr. Sheikh Fahad (ENG22CS0158) and Mr. Satwik Kashyap (ENG22CS0155), 7th Sem CSE Students, Department of CSE have won the first prize in NoKia Bell Labs - Bangalore University Collaboration Conclave (NBUC) 2025 in Nokia premises under ITU project category during 3rd November 2025.

STUDENT ACHIEVEMENTS



Ms. Ridhi Golchha (ENG23CS0164) and Mr. Tejas H R (ENG23CS0480), 3rd year CSE students have won the “Outstanding Innovative Idea” award at the FirstGen Ideathon 2025, for the project title “NyaySathi - AI Legal Assistant for Every Citizen” conducted by the International Affairs Department, Dayananda Sagar University, on 17th November 2025.



Ms. Ramya Shree B (ENG23CS0161), 3rd year CSE student successfully completed the course on “Market Research - Research Methodology” in the online Infosys Springboard platform on November 12, 2025

STUDENT ACHIEVEMENTS



Mr. Nithin Katariye V (ENG24CS0151), 2nd year CSE student participated and won Second Runner-up of the Prompt to Product Hackathon, held on the 21st and 22nd of November, organized by School of Engineering, DSU, Harohalli.



Ms. Marati Koushika (ENG24CS0779), Ms. Shreshtha Kalita(ENG24CS0801) and Mr. Prajwal T (ENG24CS0788), 2nd year CSE students took part in the Sparda 3.0 Hackathon under the "PromptVerse" event at City Engineering College on 20th November 2025. The theme was Business, Productivity and Innovation and the Solution was StepZero, a Business Legal Aid platform that helps individuals navigate legal procedures easily and won first place with a cash prize of Rs. 5000.

STUDENT ACHIEVEMENTS



Ms. Sayee Avinash Dahake (ENG23CS0448), 3rd year CSE student successfully completed the 12 weeks course on “Cyber Security and Privacy” in NPTEL exam received Elite with 83% and topper 1% in NPTEL exam during November 2025.



Mr. Havish Ram P (ENG21CS0157), Mr. Swaraj Khan(ENG21CS0433), Mr. V Kartik(ENG21CS0456), Mr. Manoj Kumar Asher B(ENG21CS0221), 2025 completed batch of CSE students and Dr. Sasikala Nagarajan, Assistant Professor, Department of CSE has successfully published an Indian Patent titled “AI-Driven Threat Detection and Women Safety Enhancement in Surveillance System” in the field of Computer Science with the application no 202541096879 during 28/11/2025.

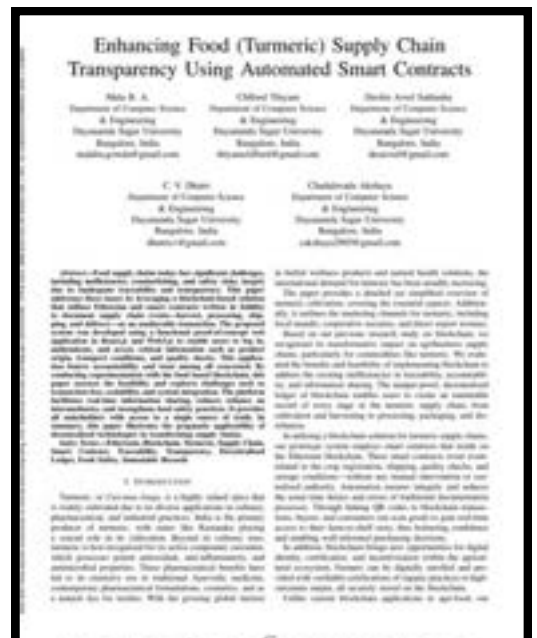
STUDENT ACHIEVEMENTS



Ms.Pihu Mittal (ENG22CS0391), Mr. Vaibhav V.B (ENG22CS0491), Mr. Vishal S (ENG22CS0505) final year CSE students under the guidance of Dr Meenakshi Malhotra, Associate Professor published the research paper in IEEE entitled “ AI-driven Academic assistance: Fine tuning LLM for ARXIV” which was presented in the IEEE Technical Sponsored 1st International Conference on Recent Innovation Science, Engineering and Technology (ICRISET 2025) Jeppiaar Institute of Technology Chennai, Tamil Nadu, India, during 29th November 2025.



Mr. Clifford Thiyam (ENG22CS0043), Ms. Deolin Avrel Saldanha (ENG22CS0048), Ms. C. V. Dhatri (ENG22CS0272), Ms. Chadalavada Akshaya (ENG22CS0273), Final year CSE Students under the guidance of Prof. Mala B A, Assistant Professor, Department of CSE published research paper titled “Enhancing Food (Turmeric) Supply Chain Transparency Using Automated Smart Contracts” in IEEE which was presented in the 9th IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2025 IEEE DISCOVER), under IEEE Mangalore Subsection, 2025, organized by P. A. College of Engineering, Mangaluru, Karnataka, during 2nd December 2025.



STUDENT ACHIEVEMENTS



Mr. Rahul H. Jadvani (ENG22CS0129), Mr. Sai Kumar V. Jadhav (ENG22CS0145), Mr. Sameer S. Katte (ENG22CS0148), Ms. Manavi P(ENG23CS0101) and Mr. Sai Shrawan V (ENG22CS0144), CSE Students under the Mentorship of Dr. Meenakshi Malhotra, Associate Professor, Department of CSE has a Team Sinister Six who emerged as Winners at the Grand Finale of Smart India Hackathon 2025 with a Cash Prize: ₹1,50,000, held at Indian Institute of Technology (IIT) Dharwad. The team developed an innovative solution framework aligned with “Swadeshi for Atmanirbhar Bharat - Travel & Tourism” , aimed at strengthening India’s tourism ecosystem.

STUDENT ACHIEVEMENTS



Mr. D A Ajay (ENG24CS0052), 2nd year CSE student participated and Qualified as finalists in the Cognisance Arena Competitions organized as part of the conference on INNOVATIVE SOLUTIONS FOR INDIA-JAPAN SYNERGY hosted by the Indian Institute of Science, India and India-Japan Laboratory at Keio University, Japan. 4-5 December, 2025



Mr. Shaik Fahad (ENG22CS0158), Mr. Sathisha S (ENG22CS0153), Mr. Satwik Kashyap (ENG22CS0155), Mr. Shashank S (ENG22CS0161), final year CSE students under the guidance of Dr. Savitha Hiremath Associate Professor, Department of CSE has presented a IEEE paper titled "Quantum-Secured File Transfer System" at the 9th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS-2025) held from 20-22 November 2025, organized by the RV College of Engineering, Bengaluru, India and published during 19th December 2025.



STUDENT ACHIEVEMENTS



Mr. Kumar Ayush(ENG22CS0347), Ms. Medha Sree Anand(ENG22CS0562), Mr. Abhay Prakash Choubey(ENG22CS0221), Mr. Anuska Bhar(ENG22CS0247) final year CSE students under the guidance of Prof. Shilpa Sudheendran, Prof. Anisha Dawar, Assistant Professors, has successfully presented a paper entitled “SafeRoute: A Survey on GPS-Guided Assistive Sticks for Enhanced Mobility and Safety” at the 4th International Conference on Automation, Computing and Renewable Systems (ICACRS 2025) organised by Mount Zion College of Engineering and Technology (Autonomous), Pudukkottai, Tamil Nadu, India on 10-12,

STUDENT ACHIEVEMENTS



Ms. Sinchana K (ENG22CS0169), Ms. Sanjana A(ENG22CS0150), Ms. Umabharathi (ENG22CS0200), Mr. Veeresh M Patri (ENG22CS0203) final year CSE students under the guidance of Prof. Bharath M B, Prof. Mala B A, Assistant Professors, Department of CSE are presented a paper titled “Intelligent Wearable Biosensors for Integrated Stress, Substance Use and Chronic Health Monitoring” offline in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.

STUDENT ACHIEVEMENTS



Ms. K. Kavya (ENG22CS0076), final year CSE student under the guidance of Dr. Revathi V, Associate Professor, Prof. Nandini K, Assistant Professor, Department of CSE has presented a paper titled “Digital twin model for simulating urban road traffic flows” offline in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.



Ms. S Gowthami(ENG22CS0063), Ms. N B Jahnvi (ENG22CS0074), Ms. Kushala Reddy B P (ENG22CS0085), Ms. Kusum Kumari(ENG22CS0086), final year CSE students under the guidance of Dr. Savitha Hiremath, Associate Professor, Department of CSE has presented a IEEE paper titled “Unfair Trading Detection System-A Hybrid Approach” at the 9th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS-2025) held from 20-22 November 2025, organized by the RV College of Engineering, Bengaluru, India and published during 19th December 2025.

STUDENT ACHIEVEMENTS



Ms. Namratha B M(ENG22CS0107), final year CSE student, Dr. Revathi V, Dr. Savitha Hiremath, Associate Professors, Dr. Basavaraj N Hiremath, Professor, Department of CSE has presented a paper titled “Multilingual automatic quiz generation from e-learning pdf using NLP pipelines” in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.



Mr. Veeresh M. Patri (ENG22CS0203), final year CSE student, Dr. Revathi V, Dr. George Fernandez I, Associate Professors, Department of CSE has presented a paper titled “Smart Gesture Interpretation and Speech Synthesis System using AI” in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.



STUDENT ACHIEVEMENTS



Ms. Likhitha M(ENG22CS0091), final year CSE student, Dr. Revathi V, Associate Professor, Dr. Girisha G S, Professor, Department of CSE has presented a paper titled “Predictive Modeling for Crop and Fertilizer Selection Based on Soil Characteristics” in the 3rd International Conference on Emerging Computation and Information Technologies (ICECIT-2025) Organized by the Departments of Computer Science & Engineering and Information Science & Engineering, Siddaganga Institute of Technology, Tumakuru, Karnataka, India on 19th and 20th December 2025.

EDITORIAL COMMITTEE



Faculty Coordinators



Prof. Mala B A
Assistant Professor



Prof. Yashaswini H C
Assistant Professor

Student Coordinators



Mr. Pavan Kumar G R
3rd Year



Mr. Ibrahim Sharif
3rd Year



PROGRAM OUTCOMES (PO'S)



PO1 - Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 - Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 - Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 - Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5 - Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6 - The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 - Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 - Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 - Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 - Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 - Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 - Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)



After few years of graduation, the graduates of Computer Science and Engineering will be able to:

PEO1: Apply appropriate theory, practices and tools in the design, implementation, maintenance and evaluation of computing in the work place or in higher education.

PEO2: Exhibit professional skills in solving challenging problems in their career and advance to leadership roles.

PEO3: Become effective innovator, researcher, and entrepreneur to provide technical solutions for socio-economic challenges.

PROGRAM SPECIFIC OUTCOMES (PSO'S)



Engineering Graduates will be able to:

PSO1: Design and Integrate software and hardware systems by following standard software engineering principles in the areas related to IOT, Cloud, Networks, Security, Embedded Systems, and Artificial Intelligence of varying complexity.

PSO2: Design and Implement application software systems by applying the concepts of Programming languages, Machine Learning, Mobile Computing, and Data Science that meet the automation requirements of society and Industry.

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