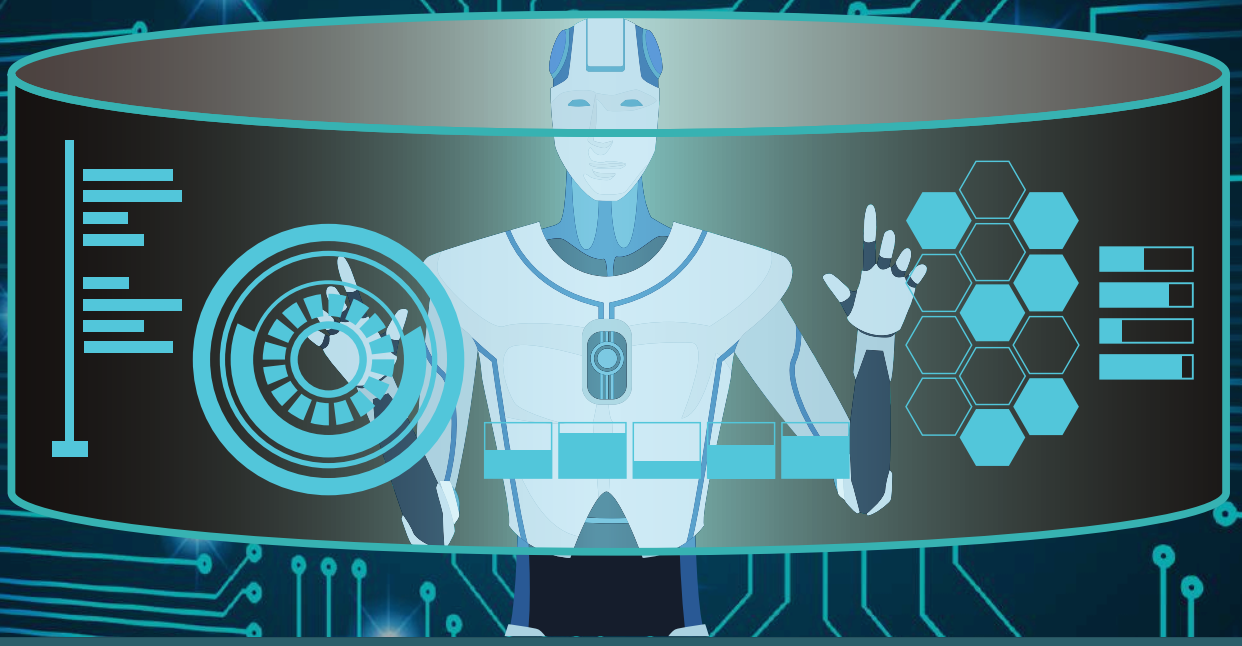
JAN-MAR 2026 VOLUME 05 ISSUE 3



CSE EDUINSIDE

Department Newsletter

Department of Computer Science and Engineering,
SOE, DSU, Harohalli Kanakapura Road,
Bengaluru South Dt - 562 112

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 Vison 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 3, 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 UNIVERSITY

SEMINARS/WEBINARS /TECHNICAL TALKS

EXPERT TALK ON "RESEARCH, INNOVATIONS AND STARTUP IN GENOMICS AND AI"

The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University organized an expert talk on "Research, Innovations and Startup in Genomics and AI" on 14.02.2026 with the objective of exposing faculty members and students to emerging interdisciplinary research opportunities at the intersection of Genomics and Artificial Intelligence. The session highlighted how AI techniques such as machine learning, deep learning, and data analytics are transforming genomic research, enabling faster disease prediction, precision medicine, and personalized healthcare solutions. The event also emphasized innovation-driven research, intellectual property creation, and startup opportunities in biotechnology and AI domains, motivating participants to explore translational research and entrepreneurship.

The expert talk began with a formal welcome and introduction of the resource person. Prof. Malali Gowda delivered an insightful session on the role of Artificial Intelligence in transforming genomic research and healthcare innovation. He explained how AI techniques are used for gene sequencing analysis, disease prediction, drug discovery, and personalized treatment planning. He also emphasized the importance of interdisciplinary collaboration between computer science and biological sciences.

The speaker highlighted various innovation initiatives, startup incubation processes, intellectual property rights, and funding opportunities available for faculty and students. He shared real-world examples of successful startups in genomics and AI, motivating participants to translate research ideas into innovative products and services. The session also included guidance on research proposal writing, publication strategies, and innovation-driven research.

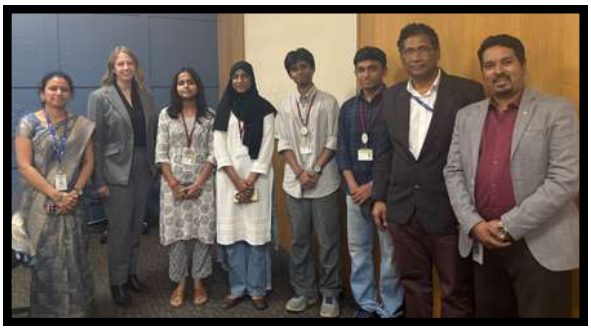
An interactive question-and-answer session followed, where participants clarified their doubts regarding research, startup formation, and career opportunities in Genomics and AI. The event concluded with a vote of thanks, expressing gratitude to the resource person for delivering an inspiring and informative session.

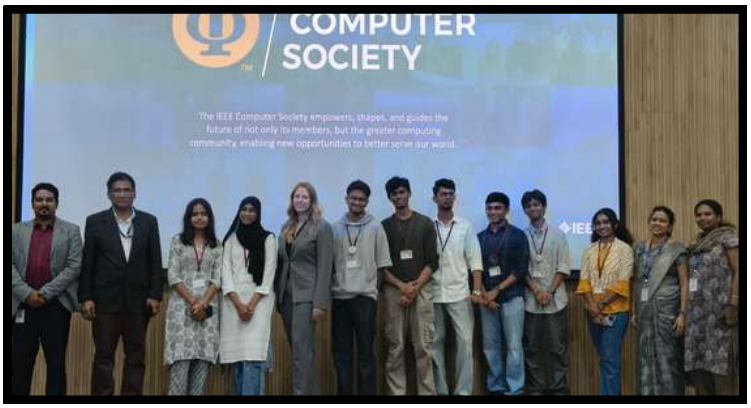
Faculty Coordinators:

Dr.K. Vengatesan, Professor, CSE department

Dr.George Fernandez ,Associate Professor, CSE department

EXPERT TALK ON "DIRECTOR OF MARKETING & SALES" - FROM IEEE COMPUTER SOCIETY





The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University, organized a distinguished talk under the IEEE Computer Society Student Branch on 24th February 2026 at 2 PM in A Block. The session featured Ms. Michelle Tubb, Director of Marketing & Sales, IEEE Computer Society, as the Distinguished Speaker.

She shared valuable insights on global opportunities, professional growth, and the role of IEEE in shaping successful technology careers. The talk emphasized industry engagement, leadership development, and the importance of active participation in professional societies.

Mr Pramod Kumar Senior manager (Education) at IEEE has highlighted the certification opportunity available to enhance industry readiness skills in SWEBOK 4.0., The faculty and other senior professional members of IEEE, Chairpersons have interacted with the speaker about collaborative events that can be planned.

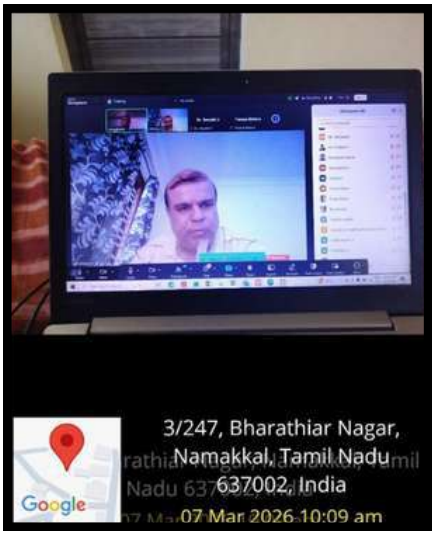
Students and faculty members actively interacted with the speaker, making the session highly engaging and informative. The event was convened under the guidance of Dr. Udaya Kumar Reddy K R, Dean, SOE, and Dr. Girisha G S, Chairperson, CSE.

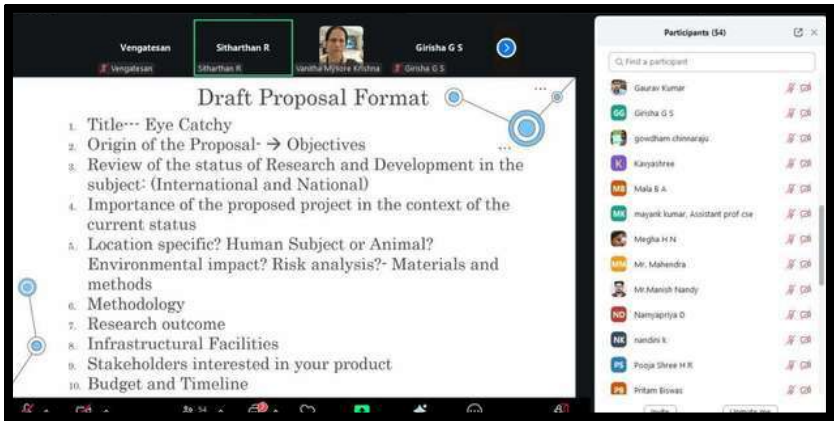
Faculty Coordinator:

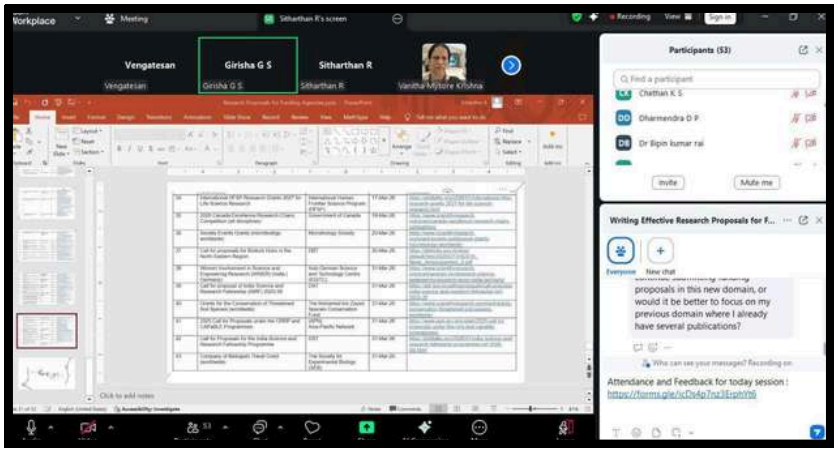
Dr. Basavaraj N Hiremath, Faculty Advisor, IEEE, CS

Dr. Savitha Hiremath, IEEE CS Student Members.

EXPERT TALK ON "WRITING EFFECTIVE RESEARCH PROPOSALS FOR FUNDING AGENCIES"







The Department of Computer Science and Engineering,School of Engineering, Dayananda Sagar University organized a guest lecture on "Writing Effective Research Proposals for Funding Agencies" on 7th March 2026 at 10.00am Online. To enhance the research capabilities of faculty members. The session was delivered by Dr. Sitharthan R, an experienced academician and researcher from Vellore Institute of Technology, Vellore. The lecture aimed to provide valuable insights into proposal writing techniques, funding opportunities, and strategic planning for successful grant acquisition. The event served as a platform for knowledge sharing and encouraged faculty to actively engage in high-quality research and funded projects.The guest lecture commenced with a formal introduction of the resource person, Dr. Sitharthan R, highlighting his academic achievements and research contributions. The session covered key aspects of writing effective research proposals, including identifying research gaps, defining clear objectives, and structuring proposals in accordance with funding agency requirements.

The guest lecture commenced with a formal introduction of the resource person, Dr. Sitharthan R, highlighting his academic achievements and research contributions. The session covered key aspects of writing effective research proposals, including identifying research gaps, defining clear objectives, and structuring proposals in accordance with funding agency requirements.

Dr. Sitharthan elaborated on various national and international funding agencies, proposal formats, and evaluation parameters such as innovation, feasibility, and impact. He emphasized the importance of clarity, originality, and alignment with funding priorities while preparing proposals. Practical examples and case studies were shared to illustrate successful proposal strategies.

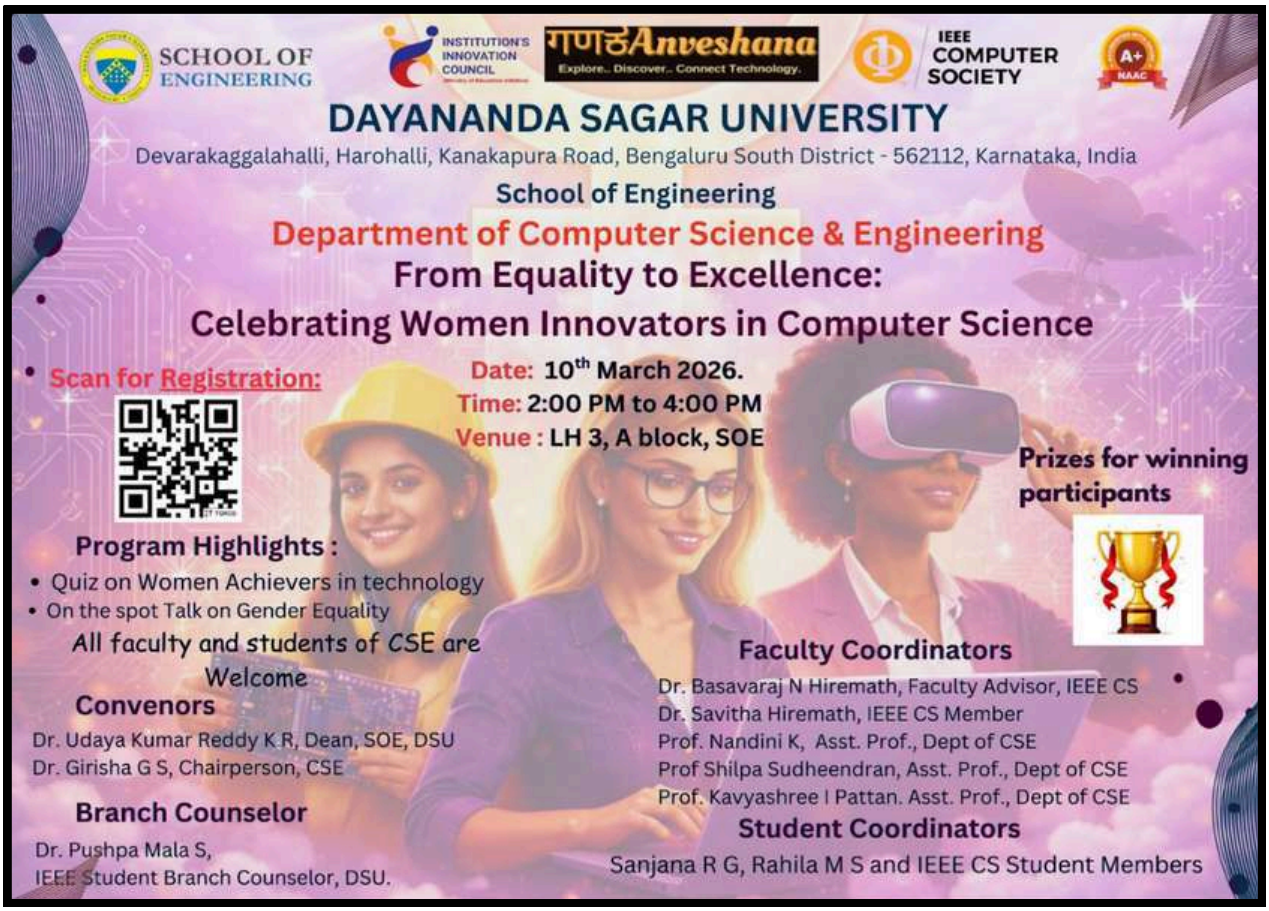
The session also addressed common mistakes in proposal writing and provided tips on improving acceptance rates. Participants were encouraged to actively engage in discussions, ask questions, and explore collaborative opportunities. The interactive nature of the lecture helped faculty gain deeper insights into research planning and proposal development.

Overall, the session was highly informative and motivated faculty members to pursue funded research projects with confidence and strategic planning.

Faculty Coordinator:

Dr.K. Vengatesan, Professor, CSE department

GENDER EQUALITY EVENT - "FROM EQUALITY TO EXCELLENCE: CELEBRATING WOMEN INNOVATORS IN COMPUTER SCIENCE"




DAYANANDA SAGAR UNIVERSITY
School of Engineering
Department of Computer Science & Engineering
From Equality to Excellence:
Celebrating Women Innovators in Computer Science
Program Highlights


DAYANANDA SAGAR UNIVERSITY
Department of Computer Science & Engineering
From Equality to Excellence:
Celebrating Women Innovators in Computer Science

Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, in collaboration with the IEEE Computer Society, successfully organized an event titled "From Equality to Excellence: Celebrating Women Innovators in Computer Science" on 10th March 2026 from 2:00 PM to 4:00 PM at Lecture Hall 3, A Block, School of Engineering. The event was conducted with the objective of promoting awareness about gender equality and recognizing the contributions of women in the field of technology. The program was convened by Dr. Udaya Kumar Reddy K R, Dean, SOE, and Dr. Girisha G S, Chairperson, Department of CSE. The event was coordinated by faculty members Dr. Basavaraj N. Hiremath, Faculty Advisor, IEEE Computer Society, Dr. Savitha Hiremath, Prof. Nandini K, Prof. Shilpa Sudheendran, and Prof. Kavyashree I. Pattan, along with the active support of IEEE CS student coordinators including Sanjana R. G and Rahila M. S.

The program featured engaging activities including a Quiz on Women Achievers in Technology and an On-the-Spot Talk on Gender Equality. Participants enthusiastically shared their perspectives on gender equality by participating in On-the-Spot Talk and highlighted inspiring contributions made by women in computer science and related fields by taking Quiz. The event witnessed active participation from the CSE faculty and students, creating a vibrant platform for discussion and learning. Dr. Gousia Thahniyath and Dr. Sreemathy served as panel members for the On-the-Spot Talk and evaluated the participants. Prizes were awarded to both faculty and student participants for each of the events, recognizing their knowledge, ideas, and communication skills. The session successfully fostered awareness about gender equality while celebrating the achievements of women innovators in technology.

Faculty Coordinators

Dr. Basavaraj N Hiremath, Faculty Advisor, IEEE CS

Dr. Savitha Hiremath, IEEE CS Member

Prof Nandini K, Asst. Prof, Dept of CSE

Prof Shilpa Sudheendran, Asst. Prof, Dept of CSE

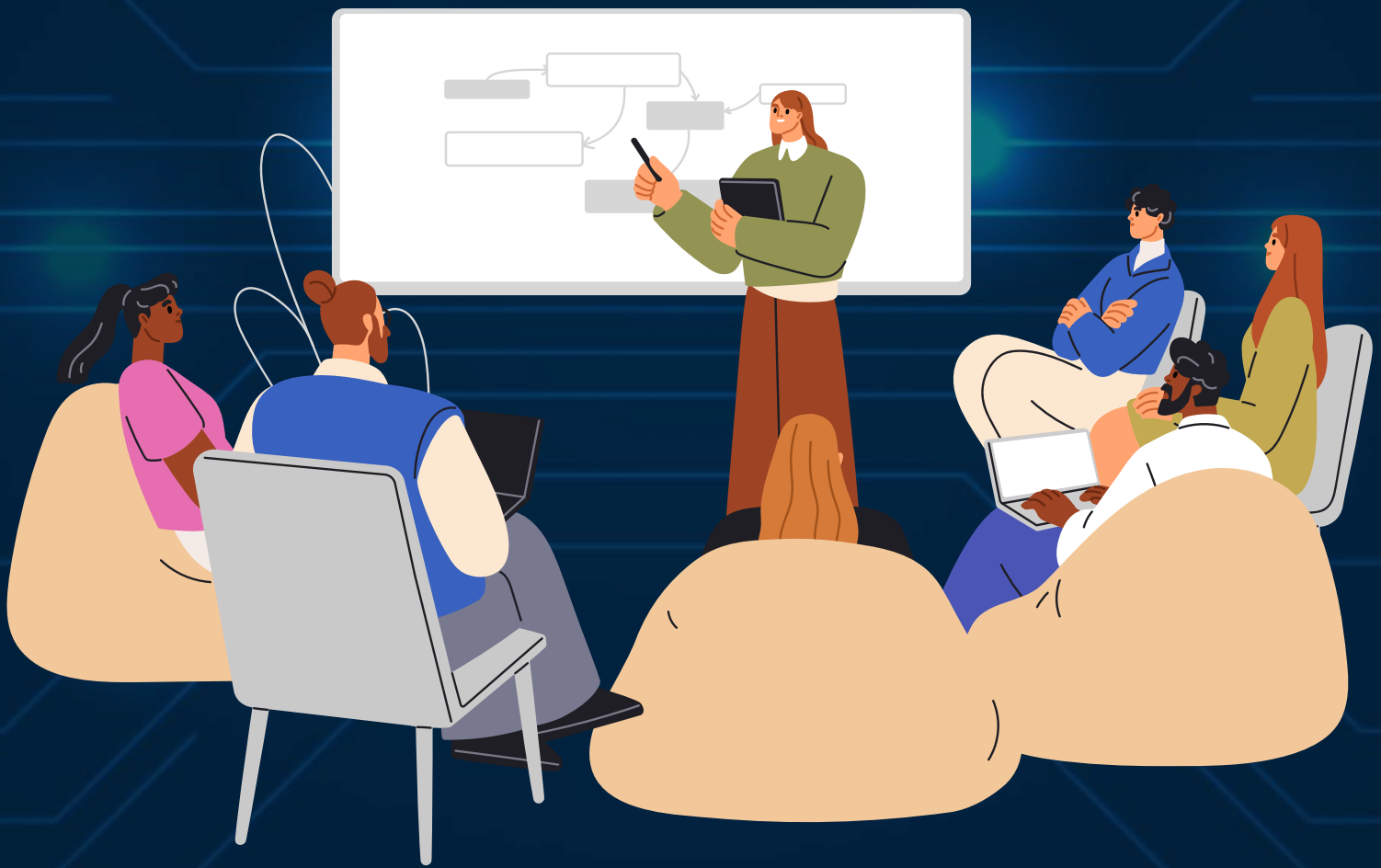
Prof Kavyashree I Pattana, Asst. Prof, Dept of CSE

Student Coordinators

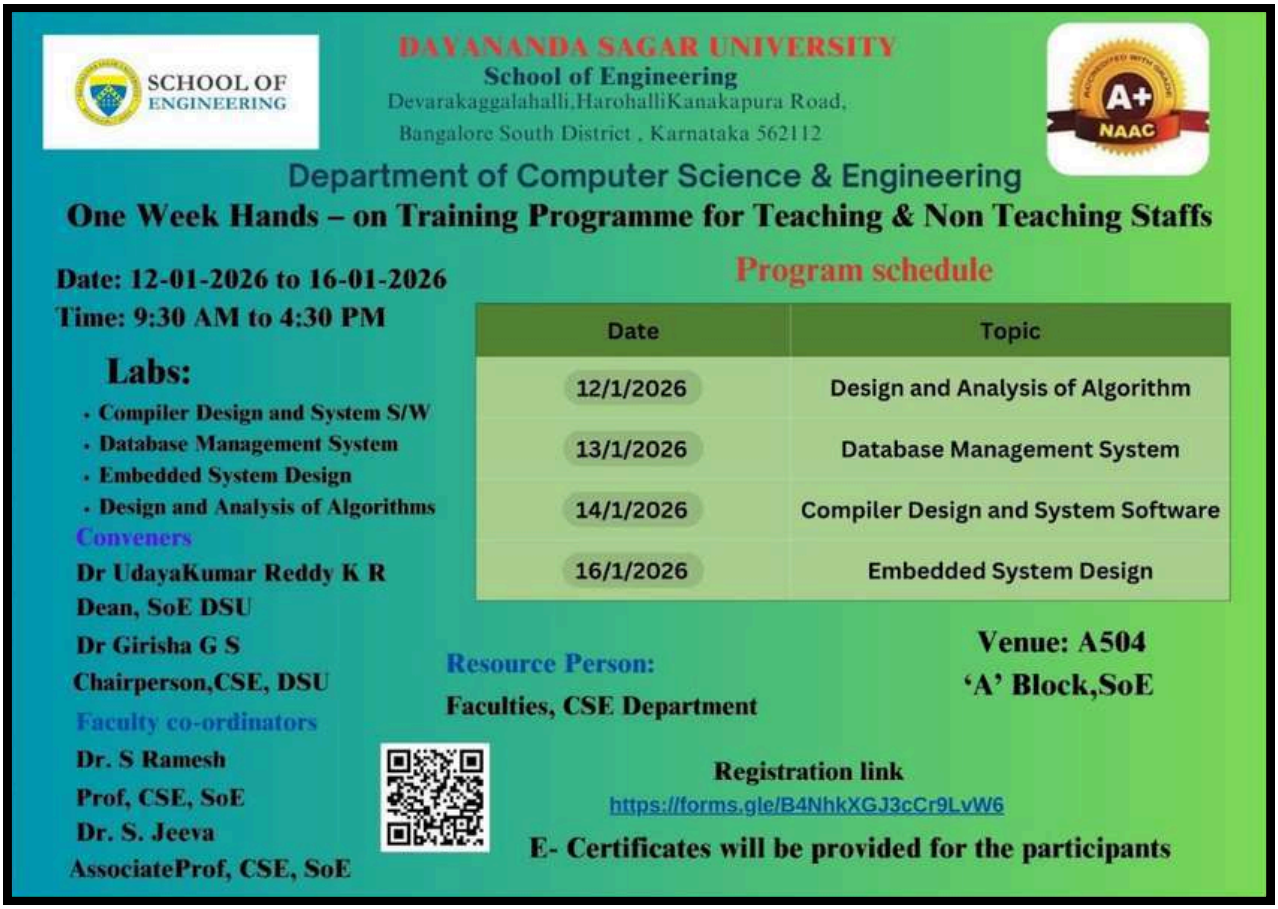
Sanjana R G, Rahila M S and IEEE CS Student Members

DAYANANDA SAGAR UNIVERSITY

WORKSHOPS/SKILL DEVELOPMENT PROGRAMS



ONE-WEEK HANDS-ON TRAINING PROGRAMME FOR TEACHING AND NON-TEACHING STAFFS



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University successfully organized a One-Week Hands-on Training Programme for Teaching and Non-Teaching Staff from 12th January 2026 to 16th January 2026. The programme was designed to enhance the practical knowledge, technical skills, and laboratory-handling capabilities of faculty members and non-teaching staff in core computer science domains.

The programme was formally inaugurated by the Chairperson - CSE, Dr. Girisha G. S., whose gracious presence and inspiring words greatly motivated the participants. In his inaugural address, he emphasized the importance of continuous learning, practical exposure, and skill enhancement for both teaching and non-teaching staff. He encouraged the participants to actively engage in the sessions and make the best use of the hands-on training opportunities provided. The inaugural session set a positive and enthusiastic tone for a week filled with interactive learning, knowledge sharing, and professional development.

Session Highlights:

- Design and Analysis of Algorithms:
- Participants explored algorithmic techniques, time and space complexity analysis, and implementation strategies through practical exercises.
- Database Management Systems (DBMS):
- The DBMS session was highly interactive, covering key concepts such as DDL, DML, queries, joins, and database operations. Participants actively engaged in discussions and hands-on SQL practice.
- Compiler Design and System Software:

Core concepts including Assemblers, Linkers, Loaders, and Compilers were discussed in detail. Topics such as Semantic Analysis, Intermediate Code Generation, Code Optimization, and Code Generation were covered, followed by hands-on training sessions.

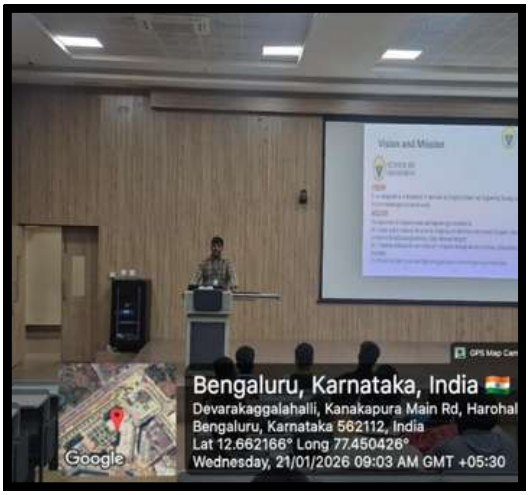
- Embedded System Design:
- The final day focused on embedded systems, hardware-software interfacing, and practical implementation techniques, giving participants valuable exposure to real-time applications.

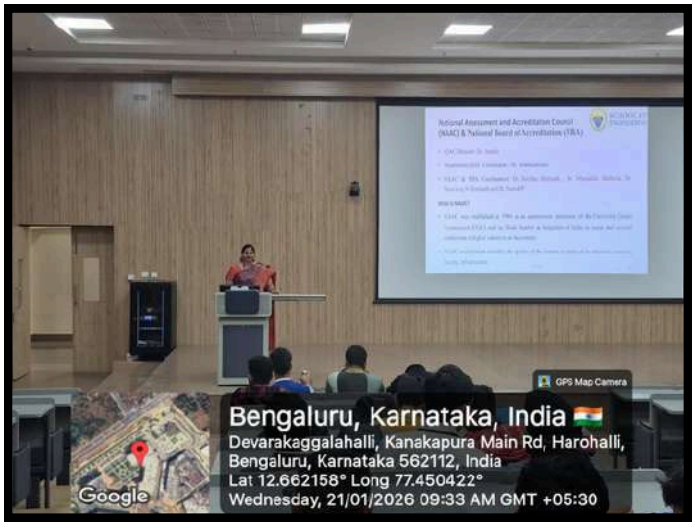
Faculty Coordinator:

Dr. S. Ramesh, Professor-CSE, SoE, DSU

Dr. S. Jeeva, Associate Professor-CSE, SoE, DSU

DEPARTMENT ORIENTATION PROGRAM FOR 3RD YEAR ,6TH SEMESTER 2023-24 BATCH





The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University. The Orientation program was conducted by Computer Science and Engineering for the 3rd Year, 6th Semester students on 21st January 2026 Wednesday during the academic year 2025-26(Even). The objective of this orientation was to welcome students into their new academic year, familiarize them with the upcoming curriculum, departmental activities, industry expectations, and prepare them for advanced learning and professional growth.

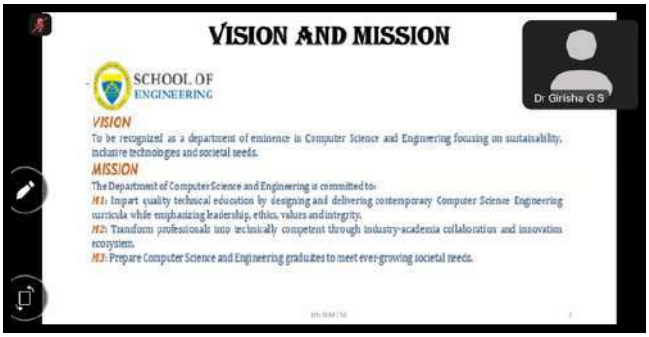
The program was conducted with the following objectives:

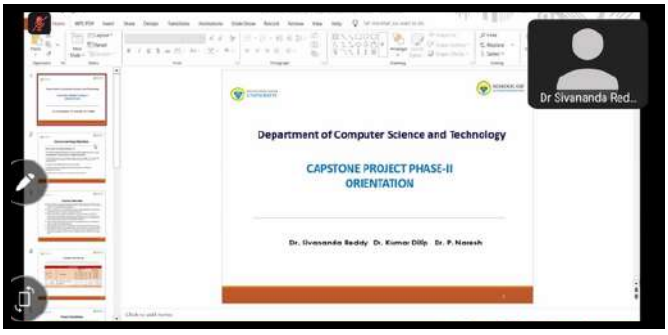
- To familiarize students with the Departmental Vision and Mission.
- Explained the academic scheme and class timetable structure.
- Inform the students about electives, laboratory courses, mini-project work and MOOC(NPTEL).
- Briefed about the internal and semester-end evaluation marks division and the importance of mandatory attendance as per university norms.
- To orient students towards industry-aligned skills such as internships, coding platforms, and certifications.
- To create awareness about placement activities, departmental clubs, and role of the class committee in academic monitoring.
- Briefed students on NBA and NAAC accreditation and outcome-based education.
- Introduced departmental clubs for technical and co-curricular development.
- Explained the use of WhatsApp, Google Mail, and Google Classroom for communication.
- To strengthen awareness of discipline, ethics, professional growth, and active participation in departmental activities.

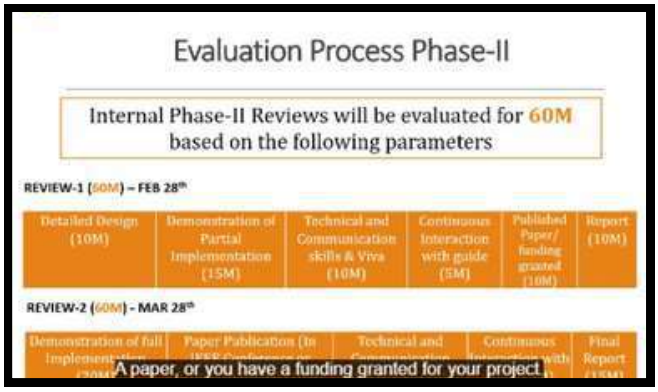
Faculty Coordinator:

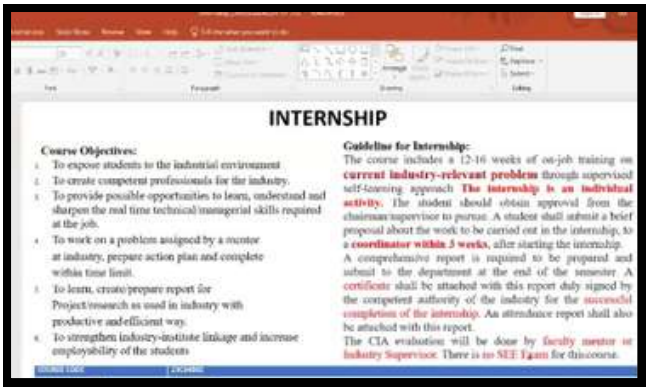
Prof. Sowmya H D, Department of CSE

ORIENTATION PROGRAM 8TH SEM CSE









The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University has conducted an orientation program for 8th semester students on 24th January 2025 for all 9 sections through online mode by batch advisor Santhosh M, placement coordinator Dr Sivananda Reddy, Internship coordinator Dr George Fernandez and Chairperson Dr Girisha G S . In this program they explained about

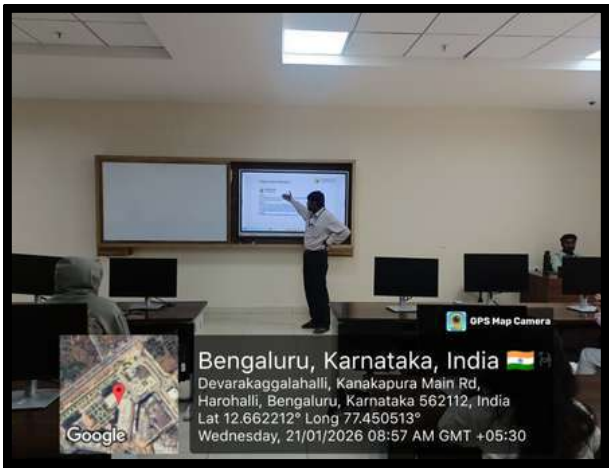
- Department Vision and Mission
- Scheme
- Project review schedules
- Internship details regarding report and exam
- Placement activities
- Examination activities

ORIENTATION PROGRAM FOR 2ND YEAR ,4TH SEMESTER 2024-28 BATCH

The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University has conducted an orientation program conducted for the 2nd Year, 4th Semester students on 21st January 2026 during the academic year 2025-26(Even). The objective of this orientation was to welcome students into their new academic year, familiarize them with the upcoming curriculum, departmental activities, industry expectations, and prepare them for advanced learning and professional growth.

The program was conducted with the following objectives:

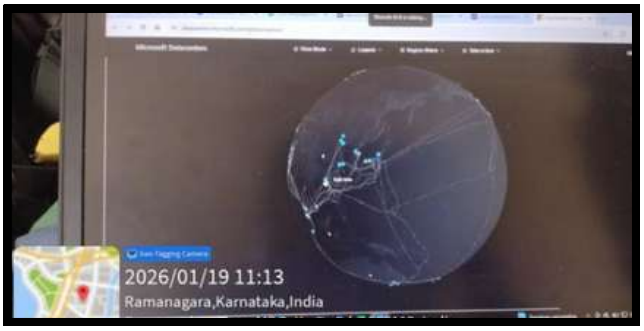
- To familiarize students with the Departmental Vision and Mission.
- Explained the academic scheme and class timetable structure.
- Inform the students about Theory courses, laboratory courses and Skill Enhancement Courses.



• Briefed about the internal and semester-end evaluation marks division and the importance of mandatory attendance as per university norms.
• To orient students towards industry-aligned skills such as internships, coding platforms, and certifications.
• To create awareness about placement activities, departmental clubs, and role of the class committee in academic monitoring.
• Briefed students on NBA and NAAC accreditation and outcome-based education.
• Introduced departmental clubs for technical and co-curricular development.
• Explained the use of WhatsApp, Google Mail, and Google Classroom for communication.
• To strengthen awareness of discipline, ethics, professional growth, and active participation in departmental activities.

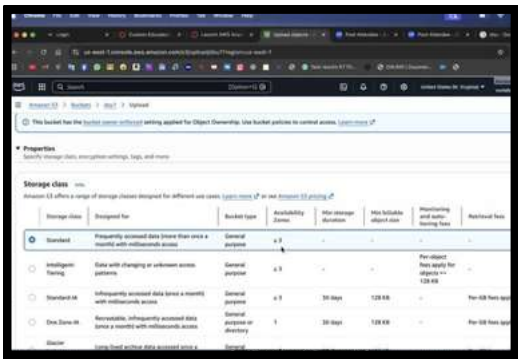
Faculty Coordinator:
Prof. Mutubala, Department of CSE

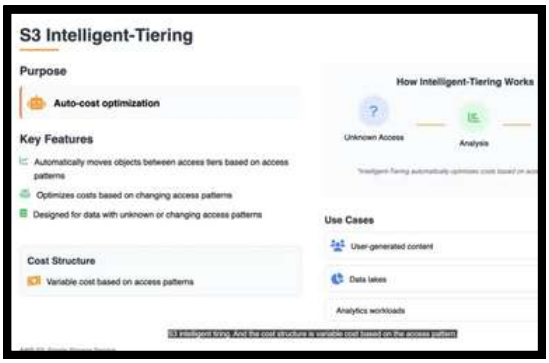
VALUE ADDED COURSE ON: AWS CLOUD PRACTITIONER MASTERY: CONCEPTS TO CERTIFICATION



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University has conducted AWS Cloud Practitioner Mastery: Concepts to Certification from 15 Jan to 20 Jan 2026. This event introduces participants to understand a concise and practical introduction to cloud computing using Amazon Web Services. This is designed to build a strong foundational understanding of AWS core services, security, pricing, and architectural principles, while preparing learners for the AWS Certified Cloud Practitioner exam. By fostering digital skills and innovation, the event supports Quality Education and Decent Work & Economic Growth, advancing global sustainable development goals.

Target audience 4th and 6th Sem Students - Empowered with cutting-edge AI and cloud skills, fostering innovation and leadership for national and global impact.



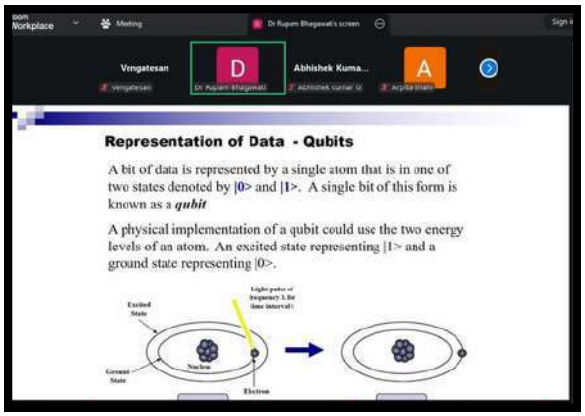


Schedule of the Event:

S.No	Date	Course Outline	Topics Covered	Time
1	15-01-2026	Module 1	Introduction to Cloud Computing and AWS	10.30 am to 4.30 pm
2	16-01-2026	Module 2	AWS Core Services	10.30 am to 4.30 pm
3	17-01-2026	Module 3	Security, Compliance, and Identity Management	10.30 am to 4.30 pm
4	19-01-2026	Module 4	AWS Pricing, Billing, and Cost Management	10.30 am to 4.30 pm
5	20-01-2026	Module 5	Exam Preparation and Real-World Applications	10.30 am to 4.30 pm

Resource Person:
Dr. Gokulakrishnan,Department of CSE
Prof. Bharath M B,Department of CSE
Prof. Soumadip Mondal,Department of CSE
Faculty Coordinator:
Prof. Mutubala, Department of CSE

VALUE ADDED COURSE ON: "QUANTUM MACHINE LEARNING"



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University was conducted online from 05 January 2026 to 10 January 2026. The Value Added Course on Quantum Machine Learning (QML) was organized to introduce participants to the emerging interdisciplinary field that integrates quantum computing principles with machine learning techniques with rapid advancements in quantum technologies, Quantum Machine Learning has gained significant importance in solving complex computational problems beyond the capabilities of classical systems. This course was designed to provide foundational knowledge and practical insights into QML for students and faculty members.

The course was structured into well-defined modules to ensure a progressive learning experience. It began with an Introduction to Quantum Computing and Quantum Machine Learning, covering basic quantum concepts such as qubits, superposition, and entanglement. The Mathematical Foundations for QML module addressed linear algebra, probability, and quantum state representations. The Machine Learning Essentials module provided an overview of classical machine learning concepts, preparing participants for advanced topics. Finally, the Quantum Machine Learning Algorithms module introduced key QML algorithms and their potential applications. Interactive sessions, discussions, and practical examples enhanced participants' understanding. The course successfully met its objectives by equipping learners with foundational and advanced knowledge of Quantum Machine Learning.

Resource Person:

Dr. Rupam Bhagawati, Associate Professor,CSE

Faculty Coordinator:

Dr. K. Vengatesan, Professor, Department of CSE

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

The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University organised "One day workshop on Intellectual Property Right(Patent and Copy Rights)" held on 12th Feb 2026.A One Day Workshop was organized with the aim of creating awareness about the importance of intellectual property rights in academia, research, and innovation. In the present era of knowledge-driven development, understanding Intellectual Property is essential for protecting innovations, research outcomes, and creative works. The workshop served as a platform to introduce participants to the fundamentals of Intellectual Property Rights (IPR) and their relevance in higher education, research, and industry.

The workshop commenced with an inaugural session, followed by expert lectures on the fundamentals of Intellectual Property Rights. The sessions covered topics such as types of IP, importance of IP in research and innovation, patent filing procedures, copyright issues, and commercialization of IP. Interactive discussions and question-and-answer sessions enabled MTech students as participants to clarify their doubts and gain practical understanding. The workshop concluded with a summary of key takeaways, emphasizing the need for awareness and proactive measures in protecting intellectual property.

Faculty Coordinator:
Dr.George Fernandez Associate Professor, CSE Dept

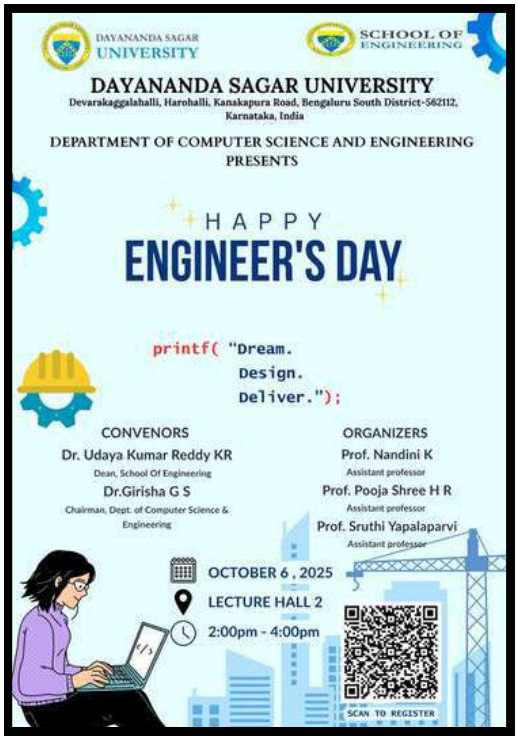
Resource Person:
Dr.K. Vengatesan, Professor, CSE department

DAYANANDA SAGAR UNIVERSITY

EVENTS/PROFESSIONAL SOCIETIES/CLUB ACTIVITIES/FDP

ENGINEER'S DAY

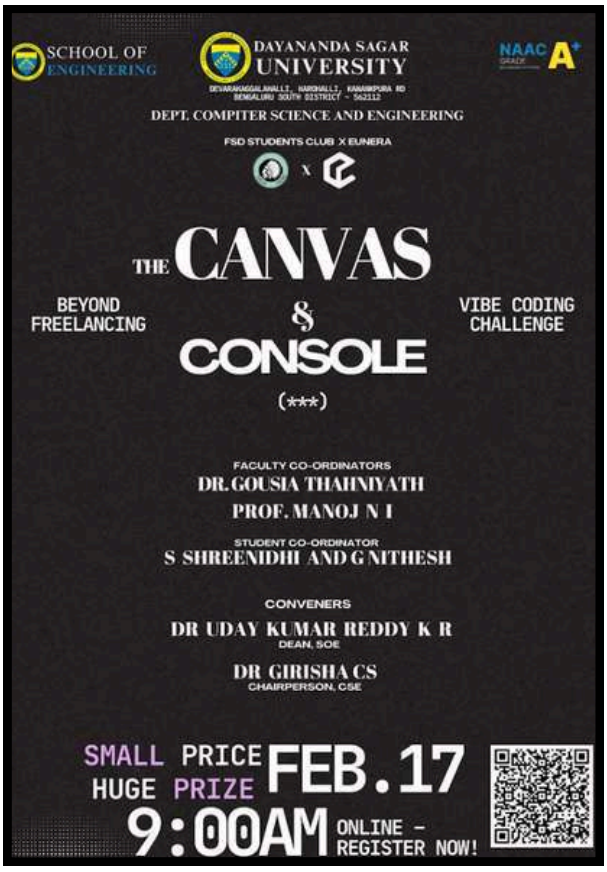
The Department of Computer Science & Engineering, SoE, Dayananda Sagar University organized Engineer's Day held on 06 October 2025. The Engineers' Day 2025 celebration commenced with a warm welcome by the student hosts, who introduced the significance of the day and highlighted the vital role of engineers 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.

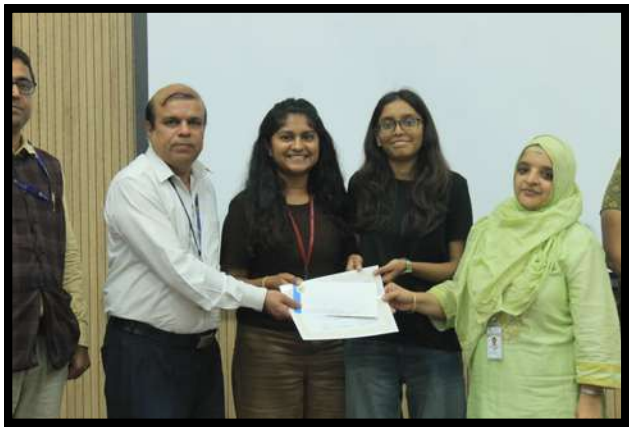
A special segment featured a video byte presentation from faculty members across the department, where professors extended their heartfelt wishes for Happy Engineers' Day and shared their personal experiences and insights from their professional journeys, motivating students to pursue excellence in their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

CLUB ACTIVITY ON CODING CHALLENGE- "THE CANVAS AND CONSOLE: A NEW CHAPTER FOR AURUM - THE LEGION"



The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University organized recently witnessed the highly successful execution of "The Canvas and Console," on Feb 17 2026.An event that marked a historic milestone for the student community. With an impressive turnout of over 150+ participants, the day began with a significant announcement: the rebranding of the FSD Club to Aurum - The Legion. This transition sets the stage for a new era of excellence and specialized technical growth within the department.

The day launched with the "Beyond Freelancing" workshop lead by Rajika Saha(founder Eunera), followed by a high-octane, three-hour "Vibe Coding" Challenge. Teams were split across three tracks, each tackling unique problem statements. By leveraging cutting-edge AI-assisted tools, participants demonstrated the power of rapid execution and creative problem-solving. The session concluded with the crowning of 3 winners and 3 runners-up per track, showcasing the immense potential of our student builders.



This initiative proudly aligns with Sustainable Development Goals (SDG 4: Quality Education) and (SDG 9: Industry, Innovation, and Infrastructure) by fostering an ecosystem where technology meets industry readiness. As DSU pivots toward an AI-first future, Aurum – The Legion is leading the charge in preparing students for a world driven by intelligence and innovation.

Faculty Coordinators:
Dr. Gousia Thahniyath,Associate Professor, CSE department.
Prof Manoj N I, Assistant Professor, CSE department.

E-CELL STUDENTS PARTICIPATED IN THE NASSCOM TECHNOLOGY & LEADERSHIP FORUM 2026

The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University organized Entrepreneurship cell (E-cell) Startup "FLORIX SMRT INFRA SOLUTIONS PVT. LIMITED" held at Fairmont Mumbai on 24-25 February 2026.Founded by Mr. Rajavarman and his team have participated at the NASSCOM Technology & Leadership Forum 2026 – India's most prestigious gathering of technology leaders, policymakers, and innovators. The event spanned interactive keynotes, curated networking sessions, innovation showcases, and industry roundtables covering themes of AI, smart infrastructure, sustainability, and digital transformation.

The NASSCOM TLF 2026 forum has provided an exceptional platform to present our Energy Harvesting Smart Hexagonal Tile to senior decision-makers and explore pathways to commercialisation, policy integration, and strategic partnership.

For the Entrepreneurship Cell team, this was far more than an exhibition – it was a two-day validation exercise. Engaging with Vice Presidents, CTOs, Directors, and policymakers from over 30 organisations gave rich, real-world signals on the market readiness of our technology. Every conversation, whether a five-minute overview or a thirty-minute technical deep-dive, contributed to a sharper understanding of where the Smart Hexagonal Tile fits within India's evolving smart city and green energy landscape. Thanking Dr. Sridhar SK, E-cell SPoC, Dr. Girisha G S, CSE chairman, Dr. Uday Kumar Reddy K R, Dean, SOE and Management of Dayananda Sagar University for the great support.

Faculty Coordinator:

Dr. Sridhar SK, E-cell SPoC, Associate Professor, Department of CSE

WORKSHOP ON "LATEX - FUNDAMENTALS: CRAFTING RESEARCH ARTICLES, PRESENTATIONS AND REPORTS"

The Department of Computer Science and Engineering,School of Engineering, Dayananda Sagar University organized a three-day workshop on "LaTeX - Fundamentals: Crafting Research Articles, Presentations and Reports." The workshop was conducted from 24 March 2026 to 26 March 2026 for 4th semester CSE students.

The session was conducted by Dr. Savitha Hiremath, Associate Professor at Dayananda Sagar University. She began the workshop with an introduction to LaTeX and explained the importance of LaTeX in academic writing and research documentation. The session also covered the advantages of using LaTeX, reasons why LaTeX is widely used in research papers, and some challenges faced by beginners while learning LaTeX.

The participants were introduced to the contents and structure of LaTeX documents. The resource person demonstrated how to use Overleaf, an online LaTeX editor. Students learned how to create an Overleaf account, log in, and create a new project using a blank template.

During the practical session, the basic structure of a LaTeX file was explained. Students practiced creating sections such as introduction, section, subsection, and subsubsection. The workshop also covered adding figures, bullet points using itemize, and numbered lists using enumerate.Further sessions included learning about comments in LaTeX using (%), understanding the .tex file extension, and adding multiple images under the same figure environment.

Students were also trained to create tables and write mathematical equations in LaTeX. Another important topic covered was bibliography and referencing, which is useful for writing research papers. Finally, the workshop included a session on creating presentation slides using LaTeX (Beamer), where participants learned how to design simple and structured presentations.

Overall, the workshop helped students understand the fundamentals of LaTeX and its practical applications in research documentation, reports, and presentations. The sessions were interactive and provided hands-on experience using LaTeX tools.

Resource Person:

Dr. Savitha Hiremath,Associate Professor, Dept of CSE

Faculty Coordinators:

Dr. Rajesh T.M, Associate Professor and Chairperson,Dept of CSME

Dr. Renukadevi, Assistant Professor, Dept of CSE

Dr. Ramesh, Professor, Dept of CSE

Student Coordinators:

Arpita Ghetiya - 4th Semester, Dept of CSE

Sravya P Yeshmala - 4th Semester, Dept of CSE

Madiha Khan - 4th Semester, Dept of CSE

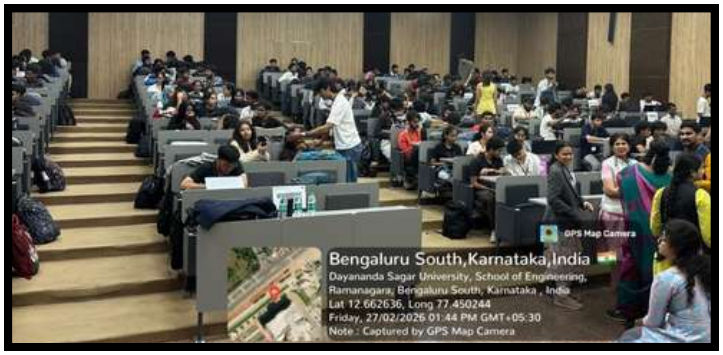
LA CASA DE CODE- 24 HOURS INTERNAL HACKATHON

The Department of Computer Science and Engineering,School of Engineering, Dayananda Sagar University and DSU ACM Student organized a 24-hours internal hackathon held on February 27th and 28th 2026. On-campus 24-hour offline hackathon where shortlisted teams build a working prototype based on their submitted idea. Teams will develop, test, and present their solution in front of the jury. Evaluation will be based on innovation, technical implementation, feasibility, and final presentation.


FIRST RUNNER UP


SECOND RUNNER UP


WINNER



The DSU Internal Hackathon is a 24-hour innovation sprint exclusively for DSU students. The event aims to identify and nurture top problem-solvers and innovators who will represent DSU at the TechFlix National Level Hackathon.

Participants will work in teams to ideate, design, and build impactful solutions aligned with real- world challenges across multiple domains.

Hackathon Tracks

Track 1: AI in Healthcare & Agriculture

Build AI-driven solutions that improve healthcare delivery, diagnostics, patient care, crop yield, precision farming, disease detection, sustainability, or food security.

Track 2: Web3 & Blockchain

Develop decentralized applications, smart contracts, blockchain-based platforms, or Web3 solutions focusing on transparency, security, identity, finance, or governance.

Track 3: Open Innovation

An open track for innovative ideas that do not fall under the above categories. Solutions can address any real-world problem using technology creatively.

Judging Criteria

Innovation & Creativity, Technical Implementation, Feasibility & Scalability, Relevance to the chosen track, Presentation & Demo Quality, Social or Business Impact.

Event Coordinator:

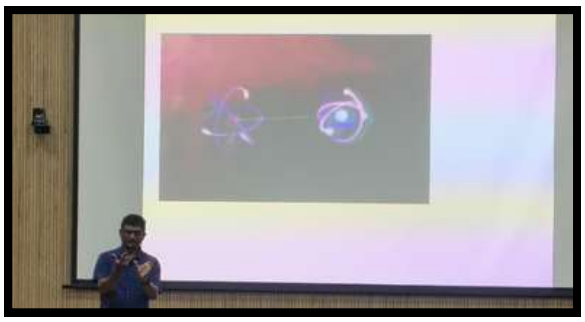
Dr.Meenakshi Malhotra, Associate Professor, CSE department

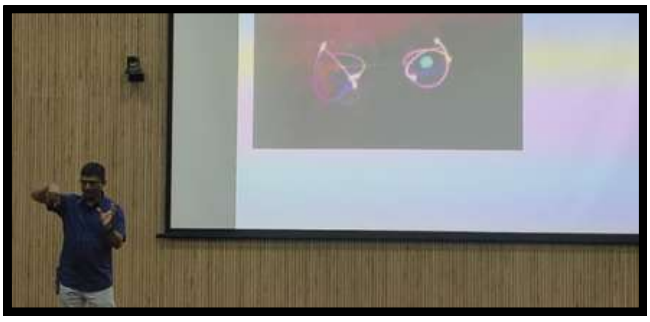
FROM QUANTUM PHYSICS TO QUANTUM COMPUTING: AN INTERDISCIPLINARY JOURNEY


GPS Map Camera
Bengaluru, Karnataka, India
Devarakaggalahalli, Kanakapura Main Rd, Harohalli,
Bengaluru, Karnataka 562112, India
Lat 12.66227° Long 77.450334°
Wednesday, 11/03/2026 11:22 AM GMT +05:30
Google


School of Engineering
Department of Computer Science & Engineering
Session on
From Quantum Physics to Quantum Computing: an interdisciplinary journey
Dr. Vidhyadhiraja N S


Devarakaggalahalli, Harohalli, Kanakapura Road, Bengaluru South District - 562112, Karnataka
School of Engineering
Department of Computer Science & Engineering
Session on
From Quantum Physics to Quantum Computing: an interdisciplina
Objectives of the session:
Understand basic quantum computing principles.
Explore interdisciplinary links between physics and computing.
Identify applications of quantum computing.
Gain hands-on exposure to basic quantum computing tools.
Distinguished Speaker
Dr. Vidhyadhiraja N S
Professor at Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru
Convenors
Chairperson, CSE
Faculty Coordinators





The Department of Computer Science and Engineering, School of Engineering, Dayananda Sagar University, in association with the IEEE Computer Society and the Data Analytics and Visualization Club, organized an insightful session titled "From Quantum Physics to Quantum Computing: An Interdisciplinary Journey" on 11th March 2026 from 10:30 AM to 12:30 PM at Lecture Hall 1, A Block, School of Engineering. The session featured Dr. Vidhyadhiraja N. S., Professor at the Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru, as the distinguished speaker. The program was convened by Dr. Udaya Kumar Reddy K R, Dean, SOE, and Dr. Girisha G S, Chairperson, Department of CSE. The event was coordinated by Dr. Basavaraj N. Hiremath, Faculty Advisor, IEEE CS, and Dr. Savitha Hiremath, IEEE CS Member, with the active support of IEEE CS student members.

During the session, Dr. Vidhyadhiraja N. S. provided an engaging overview of the fundamental principles of quantum computing, explaining how concepts from quantum physics form the foundation for next-generation computing technologies. He introduced key ideas such as quantum bits (qubits), superposition, entanglement, and quantum parallelism, highlighting how these principles enable quantum computers to solve certain complex problems more efficiently than classical computers. The speaker also emphasized the growing importance of interdisciplinary research in this field. Additionally, he briefly demonstrated how quantum computing frameworks and simulation tools can be used for experimentation and learning.The session witnessed enthusiastic participation from faculty members and students, making it an informative and inspiring learning experience for all attendees.

Faculty Coordinators:

Dr. Basavaraj N Hiremath, Faculty Advisor, IEEE CS

Dr. Savitha Hiremath, IEEE CS Member

Student Coordinators

IEEE CS Student Members

DAYANANDA SAGAR UNIVERSITY

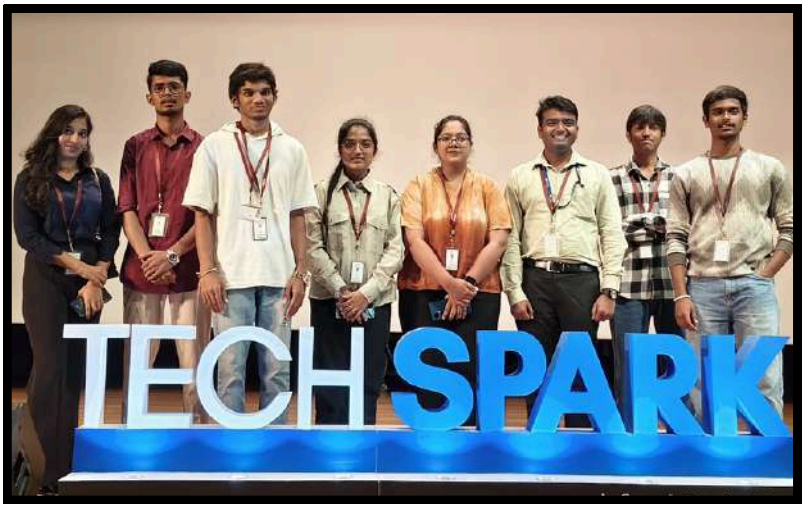
INDUSTRIAL VISITS/ EXTENSION ACTIVITIES

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 Adisesha and our faculty Prof Anurag Gupta for coordinating with the students team.

Faculty Coordinator:

Prof Anurag Gupta, Assistant Professor,Dept. of CSE

NOKIA - INDUSTRIAL VISIT

The Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University. As part of the Nokia-Bangalore University Collaboration (NBUC), a one-day industrial visit to the NOKIA campus was organized on 24th March 2026 for 4th and 6th-semester CSE students, accompanied by Dr. Sivananda Reddy, Dr. Chetan Sagarnal, and Prof. Shilpa Sudheendran. The visit aimed to provide students with meaningful experiential learning by exposing them to real-world telecom technologies and industry practices.

The session featured insights into the evolution from 2G to 5G, hands-on exposure to gNB infrastructure, lab demonstrations, and discussions on the OSI model, enabling students to connect theoretical knowledge with practical implementation. The structured agenda and expert interactions significantly enhanced student's understanding of modern communication systems, reinforcing the importance of industry-academia collaboration in building future-ready engineers.

In conclusion, the industrial visit to Nokia provided a valuable platform for students to bridge the gap between academic concepts and real-world applications. It not only strengthened their understanding of advanced telecom technologies, but also inspired them to explore future career opportunities in the industry. Such initiatives play a crucial role in shaping skilled and industry-ready engineers.

Faculty Coordinator:

Dr. Sivananda Reddy, Associate Professor, Department of CSE

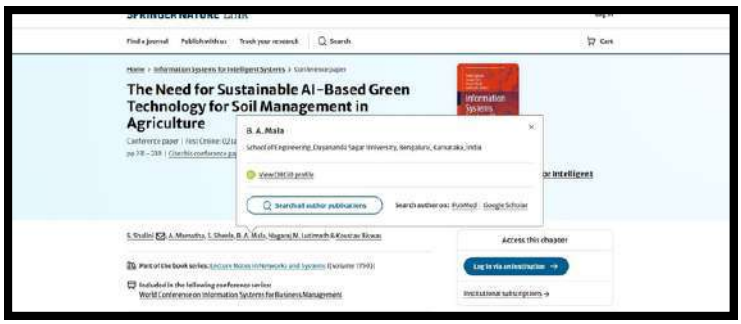
Dr. Chetan Sagarnal, Assistant Professor, Department of CSE

Prof. Shilpa Sudheendran, Assistant Professor, Department of CSE

DAYANANDA SAGAR UNIVERSITY

FACULTY ACHIEVEMENTS

FACULTY ACHIEVEMENTS



Prof. Mala B A, Assistant Professor, Department of CSE published a research paper titled "The Need for Sustainable AI-Based Green Technology for Soil Management in Agriculture" in the Scopus indexed Springer LNNS series "Information Systems for Intelligent Systems" during 02nd January 2026, pp 231-239 https://link.springer.com/chapter/10.1007/978-3-032-12993-2_22.

Dr. Revathi V, and Dr. George Fernandez I, Associate Professors, Department of CSE, received a token of appreciation for their outstanding service at the IEEE SESSION CHAIR Technical Sponsored 5th International Conference on the Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2026) held at St. Joseph's Institute of Technology (Autonomous), Chennai, Tamil Nadu, India on 29th & 30th , January 2026.

Prof. Shilpa Sudheendran, Assistant Professor, Department of CSE has successfully delivered an oral presentation for the paper entitled "AI based Speech Synthesis and Cloning using Natural Language Processing Models: A Comparative Analysis" at the 6th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2026) JCT College of Engineering and Technology, Coimbatore, India. 29-30, January 2026.

FACULTY ACHIEVEMENTS

Prof. Bharath B, Assistant Professor, Department of CSE has presented paper entitled "Serpent -ID: A Deep Learning -Based Mobile Application for Rapid Snake Identification and Bite Management Guidance" in 2026 International Conference on Smart Futuristic Technology (ICSFT) during 02nd to 3rd January 2026.

Dr. K.Vengatesan, Professor, and Dr. Rupam Bhagawati, Associate Professor, Department of CSE has successfully presented the paper titled "Deep NeuralNetwork-Based Retail Business Analysis Using AI for Smart Environments and IoT" at the International Conference on AI-Driven Smart Systems and Ubiquitous Computing (ICAUC 2026) organised by Shinawatra University, Thailand in association with S.E.A College of Engineering and Technology, Bengaluru, Karnataka, India during 19-21, January 2026.

Dr. K. Vengatesan, Professor, Department of CSE has successfully published a paper titled: "Advanced AI Framework for Accurate Detection and Classification of Brain Tumours from MRI Images" at Intelligence-Based Medicine (Elsevier) Q2 Journal, Volume 13, Impact Score 3.30, with ISSN 26665212 during January 2026.
DOI: https://doi.org/10.1016/j.ibmed.2026.100348

FACULTY ACHIEVEMENTS

Prof. Shankramma S, Research Scholar, Dr. Praveen Kulkarni, Dr. Sivananda Reddy, Associate Professors, Dr. M N Renukadevi, Dr. Pannangi Naresh, Assistant Professors, Department of CSE has successfully published an Indian patent titled "A Method and System for Blur-Aware Enhancement, Classification,and Adaptive Restoration of Aerial Images" with the applicant name DSU and application No 202641000801 under department of COMPUTER SCIENCE during 16th January 2026.


B. N. M. Institute of Technology
An Autonomous Institution under VTU.
Technical Co-sponsorer
IEEE IEEE
Certificate
Dr. Revathi Vaithiyanathan of
Dayananda Sagar University has reviewed papers in the
4th IEEE International Conference on "Intelligent and Innovative Technologies in Computing, Electrical and Electronics" organized by Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering, BNMIT Bengaluru during 22nd & 23rd January 2026.

Dr. Revathi V, Associate Professor, Department of CSE, Served as reviewer in 4th IEEE International Conference on " Intelligent and Innovative Technologies in Computing, Electrical and Electronics" organized by Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering, BNMIT Bengaluru during 22nd & 23rd January 2026.

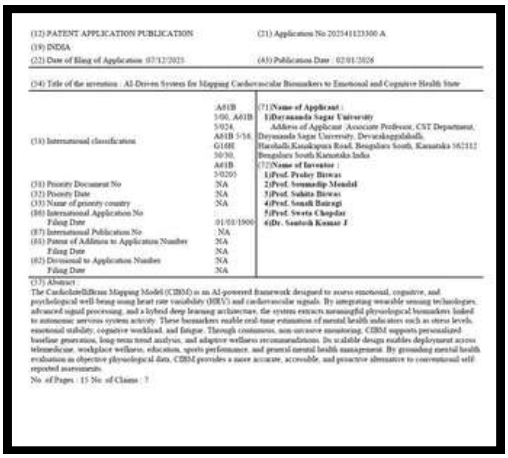
FACULTY ACHIEVEMENTS



Dr. George Fernandez I, Associate Professor, Dr. Benaka Santhosha S, Prof. Kavyashree I Pattan, Assistant Professors, Dept. of CSE, are Successfully presented the research paper entitled "A Time-Efficient and Eminently Reliable Image Encryption Scheme for Secured Multimedia Communication" at the 5th International Conference on the Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2026) held at St. Joseph's Institute of Technology (Autonomous), Chennai, Tamil Nadu, India on 29th & 30th , January 2026.

Prof. Muthu Bala N, Assistant Professor, Department of CSE has served as Reviewer for articles in the Journal of Scientific Research and Reports for an outstanding contribution to the quality of the journal during January 2026.

FACULTY ACHIEVEMENTS

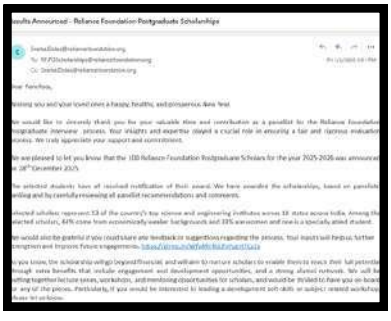


(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2025
(54) Title of the invention : AI-Driven System for Mapping Cardiovascular Biomarkers to Emotional and Cognitive Health State

(51) International classification	:A61B 3/00, A61B 5/024, A61B 5/16, G16H 50/30, A61B 5/0205	(71)Name of Applicant : 1)Devananda Sagar University Address of Applicant :Associate Professor, CST Department, Devananda Sagar University, Devarakaggalahalli, Harohalli,Kanakapura Road, Bengaluru South, Karnataka 562112 Bengaluru South Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Prof. Proloy Biswas
(32) Priority Date	:NA	2)Prof. Soumadip Mondal
(33) Name of priority country	:NA	3)Prof. Suhita Biswas
(86) International Application No Filing Date	:01/01/1900	4)Prof. Sonali Bairagi
(87) International Publication No	:NA	5)Prof. Sweta Chopdar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)Dr. Santosh Kumar J
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
The CardioIntelliStress Mapping Model (CISM) is an AI-powered framework designed to assess emotional, cognitive, and psychological well-being using heart rate variability (HRV) and cardiovascular signals. By integrating wearable sensing technologies, advanced signal processing, and a hybrid deep learning architecture, the system extracts meaningful physiological biomarkers linked to autonomic nervous system activity. These biomarkers enable real-time estimation of mental health indicators such as stress levels, emotional stability, cognitive workload, and fatigue. Through continuous, non-invasive monitoring, CISM supports personalized baseline generation, long-term trend analysis, and adaptive wellness recommendations. Its scalable design enables deployment across telemedicine, workplace wellness, education, sports performance, and general mental health management. By grounding mental health evaluation in objective physiological data, CISM provides a more accurate, accessible, and proactive alternative to conventional self-reported assessments.
No. of Pages : 15 No. of Claims : 7

Prof. Proloy Biswas, Prof. Soumadip Mondal, Prof. Suhita Biswas, Prof. Sonali Bairagi, Prof. Sweta Chopdar, Assistant Professors, Dept. of CSE, are Successfully published an Indian patent with the title "AI-Driven System for Mapping Cardiovascular Biomarkers to Emotional and Cognitive Health State" and application number 202541123300, applicant name DSU on 2nd January 2026.



Results Announced - Reliance Foundation Postgraduate Scholarships

Dear Panelists,

Wishing you and your loved ones a happy, healthy, and prosperous New Year.

We would like to sincerely thank you for your valuable time and contribution as a panelist for the Reliance Foundation Postgraduate Interview process. Your insights and expertise played a crucial role in ensuring a fair and rigorous evaluation process. We truly appreciate your support and commitment.

We are pleased to let you know that the 100 Reliance Foundation Postgraduate Scholars for the year 2025-2026 was announced on 28th December 2025.

The selected students have all received notification of their award. We have awarded the scholarships, based on panelists' ranking and by carefully reviewing all panelist recommendations and comments.

The selected scholars represent 53 of the country's top science and engineering institutes across 18 states across India. Among the selected scholars, 44% come from economically weaker backgrounds and 35% are women and one is a specially abled student.

We would also be grateful if you could share any feedback or suggestions regarding the process. Your inputs will help us further strengthen and improve future engagements.

As you know, the scholarship will go beyond financial, and will aim to nurture scholars to enable them to reach their full potential through extra benefits that include engagement and development opportunities, and a strong alumni network. We will be setting together lecture series, workshops, and mentoring opportunities for scholars, and would be thrilled to have you on board for any of the pieces. Particularly, if you would be interested in leading a development soft skills or subject related workshop, please let us know.

Dr. Natarajan Venkateswaran, Professor of Practice, Department of CSE Successfully completed the prestigious Reliance Foundation PG Scholarship interviews as an Invited Panelist during January 2026

FACULTY ACHIEVEMENTS

Prof. Rupam Sah, Prof. Praveen Gopal Gaonkar, Prof. Manas Singha, Prof. Rupam Bhagawati, Prof. Vengatesan.K, Prof. Aman Aditya, Assistant Professors, Department of CSE has presented paper entitled "A Self-Supervised Learning Framework for LowResource Computer Vision Applications" in 6th International Conference on Image Processing and Capsule Networks (ICIPCN-2026) organised by Kathmandu University, Dhulikhel, Nepal during 27-29 January 2026.

FACULTY ACHIEVEMENTS

Prof. Praveen Gopal Gaonkar, Prof. Manas Singha, Prof. Rupam Sah, Prof. Rupam Bhagawati, Prof. Vengatesan.K, Prof. Bikramjit Saha, Assistant Professors, Department of CSE has presented paper entitled "Graph Neural Networks for Real-Time Misinformation Detection in Social IoT" in 6th International Conference on Image Processing and Capsule Networks (ICIPCN-2026) organised by Kathmandu University, Dhulikhel, Nepal during 27-29 January 2026.

FACULTY ACHIEVEMENTS


Springer icSoftComp2025 CHARUSAT

CERTIFICATE OF APPRECIATION

Gratefully presented to Mr./Ms./Mrs./Dr./Prof.

Dr. Bipin Kumar Rai

In recognition of valuable contributions as a TPC Member to the

Seventh International Conference on

Soft Computing and Its Engineering Applications

organized by Charotar University of Science & Technology (CHARUSAT), Changa, India

Held at Hanoi, Vietnam, from December 09-11, 2025

Dr. Atul Patel (General Chair)

Dr. K. K. Patel (Technical Program Chair)

Dr. Bipin Kumar Rai, Professor, Department of CSE, Served as a valuable contribution as a TPC member of the 7th International Conference on Soft Computing and its Engineering Applications (icSoftComp2025) organized by Charotar University of Science & Technology (CHARUSAT), Changa, India held at Hanoi, Vietnam, from December 09-11, 2025.


Electronics & ICT Academy

Indian Institute of Technology Guwahati

Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India

Certificate of Participation

This is to certify that

Mr. Bharath B

of Dayananda Sagar University

has participated in One-Week Faculty Development Programme on "AI and Cybersecurity for a sustainable future: Innovation in health, Agriculture and smart cities" organized by E&ICT Academy IIT Guwahati held from 05th January – 09th January, 2026 in association with Department of Computer Science and Engineering, Global Academy of Technology, Bengaluru.

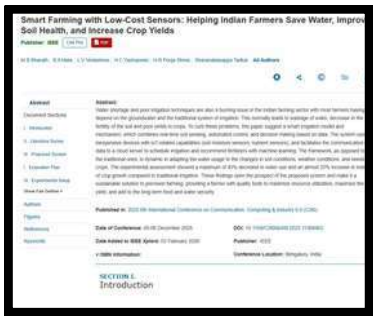
Prof. Bharath B, Assistant Professor, Department of CSE has participated in One-Week Faculty Development Programme on "AI and Cybersecurity for a sustainable future: Innovation in health, Agriculture and smart cities" organized by E&ICT Academy IIT Guwahati held from 05th January – 09th January, 2026 in association with Department of Computer Science and Engineering, Global Academy of Technology, Bengaluru.


Kongunadu

Letter of Appreciation

Dr. Vengatesan. K, Professor, Department of CSE has served as a resource person for a one day seminar on machine learning techniques during 06th February 2026 at Kongunadu College of Engineering and Technology, Trichy.

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 published a paper in IEEE titled "Smart Farming with Low-Cost Sensors: Helping Indian Farmers Save Water, Improve Soil Health and Increase Crop Yields" during 03rd February 2026 which was presented at the 2025 6th International Conference on Communication, Computing & Industry 6.0 (C2I6), in association with the IEEE Bangalore Section, organized by CMR Institute of Technology, Bengaluru.

Prof. Mala B A, Assistant Professor, Department of CSE has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Next GEN Computing HPC, AI & Quantum Technologies at G L BAJAJ GROUP OF INSTITUTIONS from 09/02/2026 to 14/02/2026.

FACULTY ACHIEVEMENTS

Prof. Pooja Shree H R, Prof. Yashaswini H C, Prof. Gaurav Kumar, Prof. Kavyashree I Pattan, Prof. Bharath M B, Prof. Mala B A, Assistant Professors, Department of CSE has published an Indian patent titled "Multi-Stream Gradient Boosting LIGHTGBM Framework for Alzheimer's Disease Diagnosis Using MRI and PET Datasets" with the application number 202641007107 during 06th February 2026 under the applicant name DSU in collaboration with DSATM.

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE contributed as an active reviewer for the journal PLOS Digital during 29th January 2026.

FACULTY ACHIEVEMENTS


VIDYAVARDHINIS COLLEGE OF ENGINEERING & TECHNOLOGY, VASAI

IC3ET 2026

CERTIFICATE OF APPRECIATION

is proudly presented to

Mala B A

Prof. Mala B A, Assistant Professor, Department of CSE has served as a Reviewer for the paper(s) submitted to the International Conference on Communication, Computing and Emerging Technologies - IC3ET 2026, (IEEE Conference Record #64989), held on 9-10 February 2026 at Vidyavardhini's College of Engineering and Technology (VCET), Vasai, and technically co-sponsored by IEEE and IEEE Maharashtra Section.


CERTIFICATE

Of Participation


CERTIFICATE

Of Participation

Prof. Mala B A, Prof. Bharath M B, Assistant Professors, Department of CSE are participated in the 5 Days International Faculty Development Program on "Impact and Influence of AI in the Age of Generative and Agentic AI" organized by the Department of Computer Science, Sister Nivedita University, held from 2nd - 6th February, 2026.


Congratulations on Certificate of Completion – Postdoctoral Research Fellowship, Astana IT University

Laura Aldasheva

Dear Dr. Tanvir Habib Sardar,

Greetings from Astana IT University!

I hope this email finds you in good health and high spirits. It is with great pleasure that I write to you on behalf of the School of Cybersecurity, Astana IT University, Astana, Kazakhstan.

Please find attached herewith your Certificate of Completion for the Postdoctoral Research Fellowship undertaken in the Department of Intelligent

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE has successfully completed a Postdoctoral Research Fellowship in the Department of Intelligent Systems and Cybersecurity under the supervision of Dr Laura Aldasheva, Deputy Director, School of Cybersecurity, and the co-supervision of Dr. Bishwajeet Kumar Pandey, Professor, School of Cybersecurity, Astana IT University, Astana, Kazakhstan, during March 2025 - February 2026.

FACULTY ACHIEVEMENTS

Prof. Pooja Shree H R, Prof. Bharath M B, Prof. Mala B A, Assistant Professors, Department of CSE are presented a paper entitled "Privacy-Preserving Multi-Cloud Federated Digital Twin for Real-Time Stress Monitoring Using Multimodal Wearable Biosensors" online at the International Conference on Emerging Technologies and Future Innovations (ETFI-2026) held from 12 - 14 February 2026 at the School of Engineering and Technology, DES Pune University, Pune.

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE has presented a research papers titled "LLM-Powered Autonomous Security Agents for Next -Generation Cyber Defence" and "AI-Driven Detection of AI-Generated Cyber Attacks: A Framework for Defending Against Generative Adversarial Threats" at the IEEE International Conference on AI in Cybersecurity (ICAIC), University of Houston, Houston, Texas, USA on 20th February 2026.

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 published a paper in IEEE titled "Sustainable IoT for Healthcare: An Energy-Aware Approach for Remote Patient Monitoring" during 17th February 2026 , which was presented 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. https://ieeexplore.ieee.org/document/11379670

Dr. George Fernandez I, Associate Professor, Department of CSE published a paper in IEEE titled "Pharmaceutical Quality Assurance via Transformer-Based Deep Learning Models for Automated Tablet Defect Detection" during 17th February 2026 , which was presented 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. https://ieeexplore.ieee.org/document/11379551

FACULTY ACHIEVEMENTS

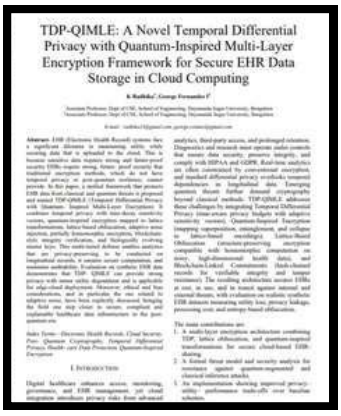

Carbon-Aware AI Workload Scheduling with Renewable Energy Sources

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 published a paper in IEEE titled "Carbon-Aware AI Workload Scheduling with Renewable Energy Sources" during 17th February 2026 , which was presented 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. https://ieeexplore.ieee.org/document/11379472


Pattern-Driven Multimodal Brain Imaging Fusion for Early Vision Defect Detection

Dr. George Fernandez I, Associate Professor and Prof. Diana George, Assistant Professor, Department of CSE published a paper in IEEE titled "Pattern-Driven Multimodel Brain Imaging Fusion for Early Vision Defect Detection" during 17th February 2026 , which was presented 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. https://ieeexplore.ieee.org/document/11379502

FACULTY ACHIEVEMENTS


TDP-QIMLE: A Novel Temporal Differential Privacy with Quantum-Inspired Multi-Layer Encryption Framework for Secure EHR Data Storage in Cloud Computing

Dr. George Fernandez I, Associate Professor, Department of CSE published a paper in IEEE titled "TDP-QIMLE: A Novel Temporal Differential Privacy with Quantum-Inspired Multi-Layer Encryption Framework for Secure EHR Data Storage in Cloud Computing" during 17th February 2026 , which was presented 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.https://ieeexplore.ieee.org/document/11379437


DST ANRF Sponsored 2026 IEEE Conference on Contemporary Computing Innovations (CCIC 2026)

MBU

★CERTIFICATE OF RECOGNITION★

This certificate is a token of gratitude to

Prof. Mala B A, Assistant Professor, Department of CSE has served as a Reviewer for the paper(s) submitted to the successful conduction of DST ANRF Sponsored "2026 IEEE Contemporary Computing Innovations Conference-(CCIC 2026)" , #68129, Technically cosponsored by IEEE Region 10, organized by Department of Data Science, School of Computing, Mohan Babu University, Tirupati, Andhra Pradesh, during 06.02.2026 & 07.02.2026.

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE contributed as a Reviewer for 1 manuscript for Springer Nature Q2 journal named International Journal of Computational Intelligence Systems during 06th February 2026.


SPRINGER NATURE

REVIEWER CERTIFICATE

This certificate is awarded to

Tanvir Sardar

in recognition of their contribution to 1 manuscript in 2026 for

International Journal of Computational Intelligence Systems

FACULTY ACHIEVEMENTS

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE has published a paper titled "Robust machine learning-based mustard seed adulteration detection using multimodal fusion of image, spectral, and colorimetric features" at the Journal of Agriculture and Food Research, a Q1 journal during February 2026.

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE has published a paper in IEEE access titled "Quantum-Secured Fully Distributed Drone Swarm Coordination Using DC-GHZ Keying and Continuous-Time Quantum Walk Routing" a Q1 journal during 26th January 2026.

Dr. Tanvir Habib Sardar, Associate Professor, Department of CSE contributed as a Reviewer and International Programme Committee Member at the IEEE International Conference on AI in Cybersecurity (ICAIC), University of Houston, Houston, Texas, USA on 20th February 2026

FACULTY ACHIEVEMENTS

Ms. Sharvari J N, Research Scholar and Dr. Revathi V, Associate Professor, Department of CSE published a paper in IEEE titled "Predictive Modeling for Alzheimer's Disease:A Survey of Machine Learning and Deep Learning Techniques" during 17th February 2026 , which was presented 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. https://ieeexplore.ieee.org/document/11379663


Predictive Modeling for Alzheimer's Disease:A Survey of Machine Learning and Deep Learning Techniques

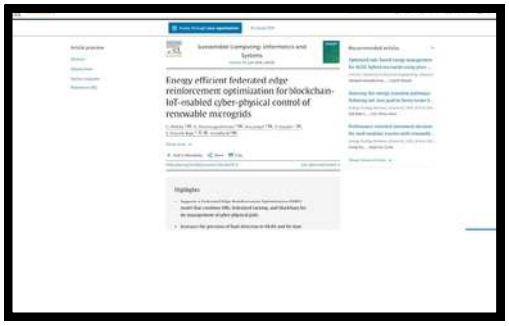

CERTIFICATE
OF COMPLETION
THIS IS TO CERTIFY THAT
Dr SAVITHA HIREMATH
Davanunda Sagar University
has participated and successfully completed the
6 Days National Level Faculty Development Program (FDP) on
Generative & Agentic AI - Tools & Demo's
organized by Department of CSE,
Sardar Vallabhbhai National Institute of Technology(SVNIT)
Technically Co-sponsored by IEEE - Gujarat Section &
partnered with Pantech Solutions (India) Pvt., Ltd.
from 16th - 21st February 2026


CERTIFICATE
OF COMPLETION
THIS IS TO CERTIFY THAT
Mrs.MUTHU BALA N
Davanunda Sagar University, Bangalore
has participated and successfully completed the
6 Days National Level Faculty Development Program (FDP) on
Generative & Agentic AI - Tools & Demo's
organized by Department of CSE,
Sardar Vallabhbhai National Institute of Technology(SVNIT)
Technically Co-sponsored by IEEE - Gujarat Section &
partnered with Pantech Solutions (India) Pvt., Ltd.
from 16th - 21st February 2026


CERTIFICATE
OF COMPLETION
THIS IS TO CERTIFY THAT
Dr REVATHI V
Davanunda Sagar University
has participated and successfully completed the
6 Days National Level Faculty Development Program (FDP) on
Generative & Agentic AI - Tools & Demo's
organized by Department of CSE,
Sardar Vallabhbhai National Institute of Technology(SVNIT)
Technically Co-sponsored by IEEE - Gujarat Section &
partnered with Pantech Solutions (India) Pvt., Ltd.
from 16th - 21st February 2026

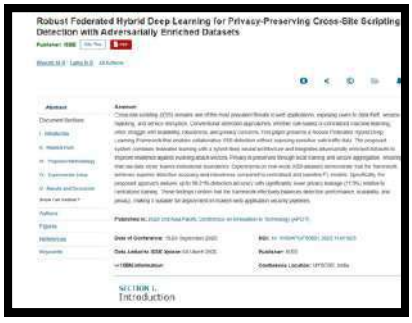
Dr. Revathi V, Dr. Savitha Hiremath, Associate Professors, and Prof. Muthubala N, Assistant Professor, Department of CSE are participated and successfully completed the 6 Days National Level Faculty Development Program (FDP) on Generative & Agentic Al - Tools & Demo's organized by Department of CSE, Sardar Vallabhbhai National Institute of Technology(SVNIT) Technically Co-sponsored by IEEE - Gujarat Section & partnered with Pantech Solutions (India) Pvt., Ltd. from 16th - 21st February 2026.

FACULTY ACHIEVEMENTS



Dr. Gayathri T, Assistant Professor, Department of CSE Published a paper titled "Energy Efficient Federated Edge Reinforcement Optimization for Blockchain-IoT-Enabled Cyber-Physical Control of Renewable Microgrids" in the Q1 Journal named Sustainable Computing: Informatics and Systems during 26th February 2026. DOI: https://doi.org/10.1016/j.suscom.2026.101330

Dr. Revathi V, and Dr. Savitha Hiremath, Associate Professors, Department of CSE attended the Workshop on "AI Tools for Efficient and High-Quality Academic Research", held on 20–21 February 2026, organized by the Center for Applied and Responsible AI (CARA) and the School of Computer Science and Engineering (SoCSE), RV University.



Prof. Bharath M B, Assistant Professor, Department of CSE has published a IEEE paper titled "Robust Federated Hybrid Deep Learning for Privacy-Preserving Cross-Site Scripting Detection with Adversarially Enriched Datasets" during 4th March 2026, which was presented at the 2nd Asia Pacific Conference on Innovation in Technology (APCIT-2025), organized by Vidyavardhaka College of Engineering, Mysuru, India.

FACULTY ACHIEVEMENTS


STELLA MARIS COLLEGE

LETTER OF APPRECIATION

Dr. Vengatesan Krishnasamy, Professor, Department of CSE served as the Resource Person for the One-Day Faculty Development Programme on "Empowering Academicians with Artificial Intelligence Tools and Applications" , organised by the Department of Commerce Shift I in collaboration with Pencil Bitz, conducted in online mode on 10 March 2026.


IEEE IEEE Student Branch NIT Raipur PELS IEEE

BEST PAPER AWARD

This is to certify that

Shivam Sharma, Sumathi D, Poongodi T, Natarajan Venkateswaran

presented a paper entitled

A Glass Box for the Clinic: A Transparent, Dual-LLM Framework for Explainable Medical Report Analysis (PID 337)

received the **Best Paper Award** in the **Fifth International Conference on Power, Control and Computing Technologies (ICPC²T-2026)** held on 11th to 13th March 2026, hosted by the Department of Electrical Engineering, National Institute of Technology Raipur.

Organizing Secretary | Organizing Secretary | Organizing Secretary | Organizing Secretary | Conference Chair

Dr. Natarajan Venkateswaran, Professor of Practice, Department of CSE presented a paper titled "A Glass Box for the Clinic: A Transparent, Dual-LLM Framework for Explainable Medical Report Analysis," and received the Best Paper Award at the Fifth International Conference on Power, Control and Computing Technologies (ICPC2T-2026). The conference was held from 11-13 March 2026 and hosted by the Department of Electrical Engineering, National Institute of Technology Raipur.

Dr. Nixon J S, Professor, Department of CSE published a paper titled "Privacy-Preserving Decentralized AI for Secure Data Sharing in 6G" at the Q3 Journal named Internet Technology Letters by Wiley publications during 25th February 2026.


INTERNET TECHNOLOGY LETTERS

Privacy-Preserving Decentralized AI for Secure Data Sharing in 6G

ABSTRACT

FACULTY ACHIEVEMENTS

Dr. George Fernandez I, Associate Professor, Department of CSE has contributed as a Reviewer in the "2nd IEEE International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI-2026)" organized during February 12-14, 2026 at Gautam Buddha University, Greater Noida (U.P.), India.

Prof. Bharath B, Assistant Professor, Department of CSE has presented a paper titled "An Enhanced Framework for Implementing Data Analytics and AI for Sustainable Business Growth: Pharmaceutical Supply Chain Case Validation" during the 2nd International Conference on Computing for Sustainability and Intelligent Future (COMPSIF 2026), organized by BMS Institute of Technology & Management, Yelahanka, Bengaluru - 560119, during 13, 14 March 2026.

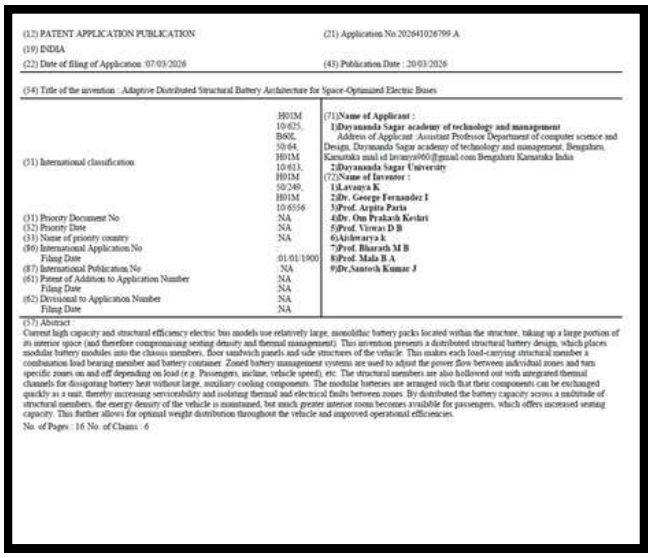
Dr. Sivananda Reddy, Associate Professor, Department of CSE has successfully completed the Agnirava AI Teacher Training Program, conducted by an IN-SPACe (ISRO) Registered Space Tutor, marking a significant step towards integrating advanced technologies into education during 7th January to 16th March 2026.

FACULTY ACHIEVEMENTS

Dr George Fernandez I, Associate Professor, Department of CSE selected to lead editorial leadership of Mesopotamian Journal of Computer Science (MJCSC), Dubai, UAE, during March 2026.
https://mesopotamian.press/journals/index.php/cs/index

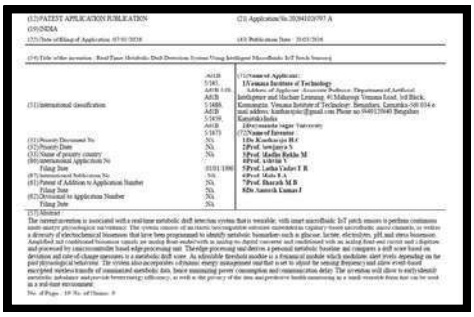

PENINSULA

Invitation to Join Mesopotamian Journal of Computer Science (MJCSC) Editorial Board


(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2026
(21) Application No.202641026799 A
(43) Publication Date : 20/03/2026
(54) Title of the invention : Adaptive Distributed Structural Battery Architecture for Space-Optimized Electric Buses
(51) International classification
H01M 10/625, B60L 50/64, H01M 10/613, H01M 50/249, H01M 10/6556
(31) Priority Document No : NA
(32) Priority Date : NA
(33) Name of priority country : NA
(86) International Application No : -
Filing Date : 01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number : NA
Filing Date : NA
(62) Divisional to Application Number : NA
Filing Date : NA
(71)Name of Applicant :
1)Dayananda Sagar academy of technology and management
Address of Applicant :Assistant Professor Department of computer science and Design, Dayananda Sagar academy of technology and management, Bengaluru, Karnataka mail id lavanya060@gmail.com Bengaluru Karnataka India
2)Dayananda Sagar University
(72)Name of Inventor :
1)Lavanya K
2)Dr. George Fernandez I
3)Prof. Arpita Paria
4)Dr. Om Prakash Kesheri
5)Prof. Viswas D B
6)Aishwarya k
7)Prof. Bharath M B
8)Prof. Mala B A
9)Dr.Santosh Kumar J
(57) Abstract
Current high capacity and structural efficiency electric bus models use relatively large, monolithic battery packs located within the structure, taking up a large portion of its interior space (and therefore compromising seating density and thermal management). This invention presents a distributed structural battery design, which places modular battery modules into the chassis members, floor sandwich panels and side structures of the vehicle. This makes each load-carrying structural member a combination load bearing member and battery container. Zoned battery management systems are used to adjust the power flow between individual zones and turn specific zones on and off depending on load (e.g. Passengers, incline, vehicle speed), etc. The structural members are also hollowed out with integrated thermal channels for dissipating battery heat without large, auxiliary cooling components. The modular batteries are arranged such that their components can be exchanged quickly as a unit, thereby increasing serviceability and isolating thermal and electrical faults between zones. By distributed the battery capacity across a multitude of structural members, the energy density of the vehicle is maintained, but much greater interior room becomes available for passengers, which offers increased seating capacity. This further allows for optimal weight distribution throughout the vehicle and improved operational efficiencies.
No. of Pages : 16 No. of Claims : 6

Dr. George Fernandez I, Associate Professor, Prof. Arpita Paria, Prof. Viswas D B, Prof. Aishwarya k, Prof. Bharath M B, Assistant Professors, Department of CSE published an Indian patent with the tilted "Adaptive Distributed Structural Battery Architecture for Space-Optimized Electric Buses" under the applicant name DSU in collaboration with DSATM with the application number 202641026799 during 20th March 2026.

FACULTY ACHIEVEMENTS



Prof. Mala B A, Prof. Bharath M B, Assistant Professors, Department of CSE published an Indian patent with the tilted "Real-Time Metabolic Drift Detection System Using Intelligent Microfluidic IoT Patch Sensors" under the applicant name DSU with the application number 202641026797 during 20th March 2026.

Dr N. Bharathiraja, Associate Professor, Department of CSE, has successfully published a research paper titled "Self-Evolving Energy Harvesting Framework for IoT Sensor Nodes Using Bio-Inspired Scheduling Algorithms" at the SCIE-indexed, Q2 rank journal named "International Journal of Communication Systems" by Wiley Publisher with Impact Factor: 1.8 Vol: 39, Issue No.: 7, Pages: e70469 during 20th March 2026. DOI: https://doi.org/10.1002/dac.70469

Prof. Bharath B, and Prof. Kavyashree Pattan, Assistant Professors, Department of CSE are completed the Faculty Development Program on Data Science (ML & AI) from 23-02-2026 to 08-03-2026 organized by EICTA Consortium (A Joint Initiative of MeitY and IITs, NITs and IIITs).

DAYANANDA SAGAR UNIVERSITY

STUDENT ACHIEVEMENTS

STUDENT ACHIEVEMENTS

Mr. Pavan Kumar G.R(ENG23CS0131), 3rd year CSE student, DSU as a Team Vade Gopal as has secured First Place at CRACK-A-THON 2026 with cash prize of Rs. 5000, for the project title "AuraWellness: AI-Powered Clinical Mental Health Platform for Hospitals", organised by GDG On Campus Presidency University, for their exceptional innovation and technical excellence during 12th January 2026.

Mr. Arighna Chowdhury (ENG23CS0265), 3rd year CSE student, has received a Gold Award in the 87th Future Star Artist – National Online Art Exhibition & Competition, organized by Manikarnika Art Gallery, held from 23rd December 2025 to 2nd January 2026.

Mr. Shivam Saxena(ENG24CS0652), 2nd year CSE student, participated as team Avakaya and won 1st place with cash prize of Rs.15000 in the IIT Hyderabad for the drone challenge competition as a part of Elan and nVision 2026 during 11th January 2026.

STUDENT ACHIEVEMENTS


2026 International Conference on Smart Futuristic Technology (ICSFT)
2nd – 3rd January, 2026
Certificate
This is to certify that Dr./Prof./Mr./Ms. Harshitha P G has presented paper entitled Machine Learning Models for Emotion Prediction Using Eye-Gaze Features in 2026 International Conference on Smart Futuristic Technology (ICSFT) during 02nd to 3rd January 2026.
Dr. NS Kumar, General Chair
Dr. Dilshad Begum, Organizing Chair


2026 International Conference on Smart Futuristic Technology (ICSFT)
2nd – 3rd January, 2026
Certificate
This is to certify that Dr./Prof./Mr./Ms. Sharon Zachariah has presented paper entitled Machine Learning Models for Emotion Prediction Using Eye-Gaze Features in 2026 International Conference on Smart Futuristic Technology (ICSFT) during 02nd to 3rd January 2026.
Dr. N S Kumar, General Chair
Dr. Dilshad Begum, Organizing Chair


2026 International Conference on Smart Futuristic Technology (ICSFT)
2nd – 3rd January, 2026
Certificate
This is to certify that Dr./Prof./Mr./Ms. Vishaka Biju has presented paper entitled Machine Learning Models for Emotion Prediction Using Eye-Gaze Features in 2026 International Conference on Smart Futuristic Technology (ICSFT) during 02nd to 3rd January 2026.
Dr. N S Kumar, General Chair
Dr. Dilshad Begum, Organizing Chair


2026 International Conference on Smart Futuristic Technology (ICSFT)
2nd – 3rd January, 2026
Certificate
This is to certify that Dr./Prof./Mr./Ms. Shreya Paul has presented paper entitled Machine Learning Models for Emotion Prediction Using Eye-Gaze Features in 2026 International Conference on Smart Futuristic Technology (ICSFT) during 02nd to 3rd January 2026.
Dr. N S Kumar, General Chair
Dr. Dilshad Begum, Organizing Chair


2026 International Conference on Smart Futuristic Technology (ICSFT)
2nd – 3rd January, 2026
Certificate
This is to certify that Dr./Prof./Mr./Ms. Meenakshi Malhotra has presented paper entitled Machine Learning Models for Emotion Prediction Using Eye-Gaze Features in 2026 International Conference on Smart Futuristic Technology (ICSFT) during 02nd to 3rd January 2026.
Dr. N S Kumar, General Chair
Dr. Dilshad Begum, Organizing Chair

Ms. Harshitha P G (ENG22CS0319), Ms. Sharon Zachariah (ENG22CS0588), Ms. Shreya Paul (ENG22CS0458), and Ms. Vishaka Biju(ENG22CS0502), 4th year CSE students under the guidance of Dr. Meenakshi Malhotra, Associate Professor, Department of CSE presented a research paper- "Machine Learning Models for Emotion Prediction using Eyegaze Features" in the conference, "2026 International Conference on Smart Futuristic Technology (ICSFT)" held on 2nd and 3rd of January, 2026.

Ms. Z Barkath Nisha (ENG23CS0235), Ms. Chandana R (ENG23CS0537), Ms. Abburi Manasa (ENG23CS0240), 3rd year CSE Students has a team Pseudocoders participated and won runner up with Cash prize 5K for the Project name : NeuroID, Domain : Health care, organized by VIVITSU hackathon at Hyderabad during 30th and 31st January 2026.

STUDENT ACHIEVEMENTS


Springer ICAIS JCT

CERTIFICATE OF PRESENTATION

This certificate is awarded to

Prajwal B R

who has successfully delivered an oral presentation for the paper entitled

MediTrustChain: Advancing Healthcare Integrity through AI-Driven Blockchain Solutions

at the

6th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2026)

JCT College of Engineering and Technology, Coimbatore, India.

29-30, January 2026


Springer ICAIS JCT

CERTIFICATE OF PRESENTATION

This certificate is awarded to

Ananyaa Iyengar A S

who has successfully delivered an oral presentation for the paper entitled

MediTrustChain: Advancing Healthcare Integrity through AI-Driven Blockchain Solutions

at the

6th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2026)

JCT College of Engineering and Technology, Coimbatore, India.

29-30, January 2026


Springer ICAIS JCT

CERTIFICATE OF PRESENTATION

This certificate is awarded to

Harshitha S

who has successfully delivered an oral presentation for the paper entitled

MediTrustChain: Advancing Healthcare Integrity through AI-Driven Blockchain Solutions

at the

6th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2026)

JCT College of Engineering and Technology, Coimbatore, India.

29-30, January 2026

Mr. Prajwal B R(ENG22CS0121), Ms. Ananyaa Iyengar A S (ENG22CS0524), Ms. Harshitha S (ENG22CS0069), 4th year CSE students under the guidance of Prof. Mala B A, Prof. Bharath M B, Assistant Professors, Department of CSE has successfully delivered an oral presentation for the paper entitled "MediTrustChain: Advancing Healthcare Integrity through AI-Driven Blockchain Solutions" at the 6th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2026) JCT College of Engineering and Technology, Coimbatore, India. 29-30, January 2026.

Mr. Sidmal Madhan (ENG23CS0189), Ms. Trisha H C (ENG24CS3001), Ms. Geethashree K (ENG23CS0559), 3rd year CSE Students has a team Best Shot participated and won first prize with Cash prize 15K for the Project name : Jeeva Dhara, Domain : Sustainability, organized by VIVITSU hackathon at Hyderabad during 30th and 31st January 2026.

Mr. Kumar Ayush (ENG22CS0347), 4th year CSE Student has actively participated in the "GOOGLE STUDENT AMBASSADOR PROGRAM" demonstrating enthusiasm, collaboration, and a strong willingness to learn and contribute during 31st January 2026.


Google Gemini COMMUNIQUE

GOOGLE STUDENT AMBASSADOR PROGRAM

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Kumar Ayush

Of (Dayananda Sagar University)

for active participation in the program, demonstrating enthusiasm, collaboration, and a strong willingness to learn and contribute.

Google Student Ambassador

31 - 12 - 2025

Date

STUDENT ACHIEVEMENTS


Guardian: An Intelligent Women's Safety App

Prof. Tanaya Bala Behera, Assistant professor, Dr. Tanvir Habib Sardar, Associate Professor, Ms. Smriti Singh(ENG21CS0404), Ms.Sunaina Manjunath(ENG21CS0425), and Mr. Syed Safwan Ghouri (ENG21CS0438), 2025 graduated batch of students, Department of CSE published a paper in IEEE with the title "Guardian: An Intelligent Women's Safety App" during 28th January 2026. Which was presented in the 2025 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT).

Mr. Pavan Kumar G.R(ENG23CS0131), Mr. Prajwal Jyotiba Shindhe (ENG23CS0137), 3rd year CSE students, DSU as a Team Vada Gopal has secured the 1st RUNNER-UP position with Rs. 5000 in TechSprint – GDGoC 2025 Hacks, an open-innovation hackathon organized by Google Developer Group On Campus, Visvesvaraya Technological University (VTU), Belagavi in collaboration with Google Developer Group, Belgaum and powered by Hack2skill during 31st January, 2026.

Mr. Devesh M (ENG22CS0538), Final year CSE student working as intern has participated and Won internal hackathon at Bajaj General Insurance with 15k Cash prize for the project title "A Generative AI-based solution" during 6th February 2026.

STUDENT ACHIEVEMENTS

Ms. Aanvi Tomar (ENG24CS0293), Mr. Mohnish N (ENG24CS0529), Mr. Bharath M(ENG24CS0352), Ms. Bhuvana Siri(ENG24CS0359), Mr. Kirthin S(ENG24CS0483), 2nd year CSE students participated and won first place in Humans Care Foundation Mark 1-hackathon held on 12th February with a cash prize of Rs.5000 conducted by Department of CSE(AIML), DSU.

Mr. Pushkar Raj Jaiswal (ENG24CS0598), Mr. Prrajwal Kataokkar (ENG24CS0170), Mr. Aditya Yadav (ENG24CS0313), 2nd year CSE student have participated in EUREKATHON 3.0: A 24 Hrs Hackathon has a team AlgoNova for the project title "Alternative Credit Score Engine System" received "Best in FinTech" domain award organized by the Department of Computer Science and Technology, Dayananda Sagar University (DSU) on 19th and 20th February 2026.

Mr. Chinmay U (ENG24CS0380), 2nd year CSE Student has successfully participated in EUREKATHON 3.0 24-Hour Hackathon organized by Department of Computer Science and Technology held on 19-20 February 2026 at DSU-SOE, Harohalli

STUDENT ACHIEVEMENTS

Mr. Monjit Borah (ENG24CS0533), Mr. Abhinav Mehta (ENG24CS0302), Mr. Aditya M K(ENG24CS0310) 2nd year CSE students have participated in EUREKATHON 3.0: A 24 Hrs Hackathon has a team Ayudham for the project title "Edu-Able, an inclusive EdTech application designed specifically for students with disabilities (visual, hearing, physical, and cognitive challenges), and secured 1st Runner-Up (2nd Prize) in the hackathon with a cash prize of ₹10,000, organized by the Department of Computer Science and Technology, Dayananda Sagar University (DSU) on 19th and 20th February 2026.

Mr. Keerthan V (ENG22CS0340), Mr. Kandula Krishna Chaitanya Reddy (ENG23CS0572), Mr. Medam Arjun (ENG23CS0596) and Ms. Tiriveedhi Chandra Lekha (ENG23CS0484), 3rd year CSE students, DSU as a Team GRIFFYNS under the mentorship of Prof. Pooja Shree H R, Assistant Professor, Department of CSE successfully participated in the 36-hour CODESANGRAM Hackathon and Awarded for SDG Innovation, along with a cash prize of ₹10,000, organized by the Alliance School of Advanced Computing, held from 19th to 21st February 2026.

Soham R Hiremath(ENG24CS670), Ms. Snehalini Dutta (ENG24CS0669), Ms. Shubhangi Jha (ENG24CS0662) 2nd year CSE students participated and won 3rd place in Humans Care Foundation Mark 1- hackathon held on 12th February conducted by Department of CSE(AIML), DSU-SOE, Harohalli.

STUDENT ACHIEVEMENTS

Mr. Soham R Hiremath(ENG24CS0670), Mr. P Sanjay Dheol(ENG24CS0562), Mr. Navnith Krishna G (ENG24CS0546) 2nd year CSE students participated and Won Cash prize of Rs.1500 in the AI/ML track at EUREKATHON 3.0 24-Hour Hackathon organized by Department of Computer Science and Technology held on 19-20 February 2026 at DSU-SOE, Harohalli.

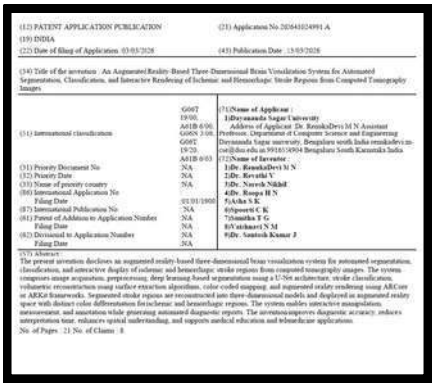
Mr. Soham R Hiremath(ENG24CS670), Ms. Snehalini Dutta (ENG24CS0669), Ms. Shristi Das (ENG24CS0660), 2nd year CSE students participated and won first place with prize money of Rs. 2000 at the Club Activity- "The Canvas and Console: A New Chapter for Aurum - The Legion" during 17th February 2026 organised by FSD club, department of CSE DSU-SOE, Harohalli.

Ms. Aanvi Tomar (ENG24CS0293), Mr. Mohnish N (ENG24CS0529), Mr. Bharath M(ENG24CS0352), 2nd year CSE students participated and won 2nd place in at the Club Activity- "The Canvas and Console: A New Chapter for Aurum - The Legion" during 17th February 2026 organised by FSD club, department of CSE DSU-SOE, Harohalli.

STUDENT ACHIEVEMENTS

Ms. Pallavi U (ENG24CS0156), Ms. Priyanka K S (ENG24CS0168), Ms. Purvi Srinivasa (ENG24CS0171) and Ms. Prajna P Naik(ENG24CS0160), 2nd year CSE students has participated and secured a position among the Top 10 Finalists for the project developed in the domain of Generative AI (GenAI), in the 24-hour National Level Women-Centric Hackathon named TechDivathon 2.0 conducted at Panimalar Engineering College, Chennai.

Ms. Asha Suresh Kodad (ENG22CS0025), Ms. Spoorti C K (ENG22CS0184), Ms. Sunitha T G (ENG22CS0193), Ms. Vaishnavi N M (ENG22CS0202), final year CSE students and Dr. RenukaDevi M N, Assistant Professor, Dr. Revathi V, Associate Professor, Department of CSE has published an Indian patent with the tilted "An Augmented Reality-Based Three-Dimensional Brain Visualization System for Automated Segmentation, Classification, and Interactive Rendering of Ischemic and Hemorrhagic Stroke Regions from Computed Tomography Images" under the applicant name DSU with the application number 202641024991 during 13th March 2026.



STUDENT ACHIEVEMENTS

Ms. Z Barkath Nisha (ENG23CS0235), Ms. Abburi Manasa (ENG23CS0240), Ms. Yashmitha P (ENG23CS0230), 3rd year CSE students has a Team Pseudocoders participated and was awarded 2nd Runner up place with Rs. 5000 Cash Prize for the Problem statement "Disaster Response Optimization" during 27th February at Hackanova in NMKRV College.

Ms. Devika Ashwin Desai (ENG25CS0903), 1st year CSE student has participated in the Karnataka State Classic Powerlifting Championship held at Mini Town Hall Mangalore Karnataka From 27-28 February 2026 and Secured first Place with Gold Medal in the 84+ Junior Women's Category and also Selected For Upcoming Nationals. And Lifted the Heaviest in the Juniors Category And The Second Best Lifter Of Karnataka.

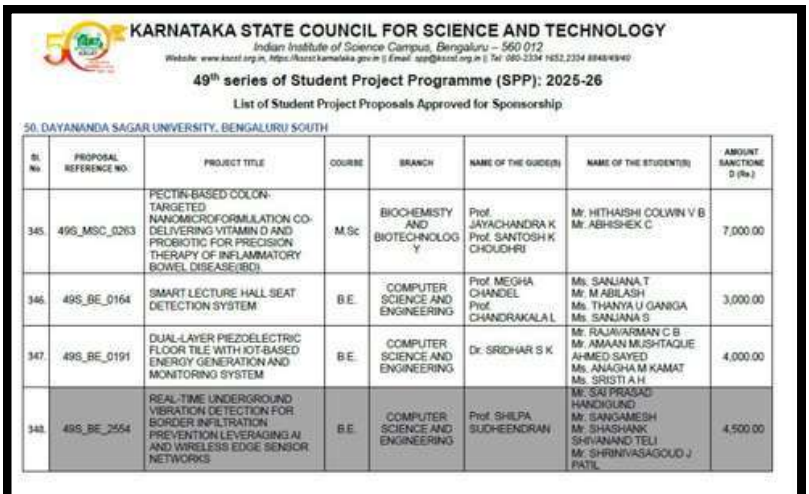
STUDENT ACHIEVEMENTS

Ms. Sanjana R G (ENG24CS0204), Ms. Rahila M S (ENG24CS0176), Mr. Mahammed Zain (ENG25CS1011), Mr. Nawaz Ahmed(ENG24CS0144), 2nd year CSE students presented a paper titled "Next-Generation AI-Powered Border Security Framework Using Multi-Model Surveillance and Intelligent Threat Detection" and received Best Paper Award at ICONIC 2026 (International Conference On Intelligent Computing) held at Panimalar Engineering College, Chennai on 27th & 28th March 2026.

Ms. Sushmitha B R (ENG23CS0664), Ms. Likhitha N (ENG23CS0351) Ms. Saptami NK (ENG23CS0651), 3rd year CSE students has participated in the Final Round of INCEPTRIX Hackathon 2026, held on 27th and 28th February 2026 at JAIN Faculty of Engineering & Technology (FET), under the theme "Beyond Intelligent Innovation – systems that shape reality" .

Mr. Azeem Gundwan (ENG23CS0027), Mr. Akash R (ENG23CS0014), Mr. Akash N (ENG23CS0013), Mr. Amogh B Googal (ENG23CS0019), Mr. Bhuvanraj (ENG23CS0036), Mr. Chetankumar M (ENG23CS0046), Mr. Abhishek GB (ENG23CS0005), Mr. Vinith S (ENG23CS0221), Mr. Girish Gouda (ENG23CS0068), Mr. G. Nithesh (ENG23CS0066), Mr. Tejas S (ENG23CS0209) and Mr. Tharun Kumar P (ENG23CS0211), 3rd year CSE student has team Dynamo 11 has emerged victorious in the Sagar Cricket Cup 2026 – SOE Cricket League during 3rd March 2026.

Five final year students project batches from the Department of CSE have selected and funded Rs. 20,500 in the 49th Series of Student Projects Programme 2025 - 2026 by Karnataka State Council for Science and Technology and Indian Institute of Science campus, Bengaluru during 3rd March 2026.



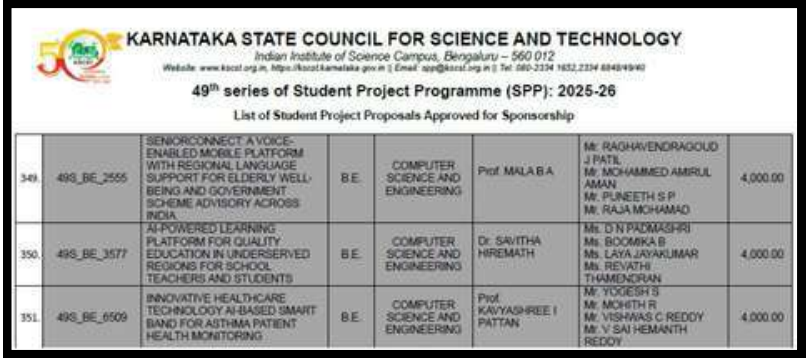
KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012

49th series of Student Project Programme (SPP): 2025-26

List of Student Project Proposals Approved for Sponsorship

50. DAYANANDA SAGAR UNIVERSITY, BENGALURU SOUTH

Sl. No	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
345.	49S_MSC_0263	PECTIN-BASED COLON-TARGETED NANOMICROFORMULATION CO-DELIVERING VITAMIN D AND PROBIOTIC FOR PRECISION THERAPY OF INFLAMMATORY BOWEL DISEASE(IBD)	M.Sc	BIOCHEMISTY AND BIOTECHNOLOGY	Prof. JAYACHANDRA K Prof. SANTOSH K CHOUDHRI	Mr. HITHAISHI COLWIN V B Mr. ABHISHEK C	7,000.00
346.	49S_BE_0164	SMART LECTURE HALL SEAT DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MEGHA CHANDEL Prof. CHANDRAKALA L	Ms. SANJANA T Mr. M ABILASH Ms. THANYA U GANIGA Ms. SANJANA S	3,000.00
347.	49S_BE_0191	DUAL-LAYER PIEZOELECTRIC FLOOR TILE WITH IOT-BASED ENERGY GENERATION AND MONITORING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SRIDHAR S K	Mr. RAJAVARMAN C B Mr. AMAAN MUSHTAQUE AHMED SAYED Ms. ANAGHA M KAMAT Ms. SRISTI A H	4,000.00
348.	49S_BE_2554	REAL-TIME UNDERGROUND VIBRATION DETECTION FOR BORDER INFILTRATION PREVENTION LEVERAGING AI AND WIRELESS EDGE SENSOR NETWORKS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA SUDHEENDRAN	Mr. SAI PRASAD HANDIGUND Mr. ISANGAMESH Mr. SHASHANK SHIVANAND TELI Mr. SHRINIVASAGOUD J PATIL	4,500.00



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012

49th series of Student Project Programme (SPP): 2025-26

List of Student Project Proposals Approved for Sponsorship

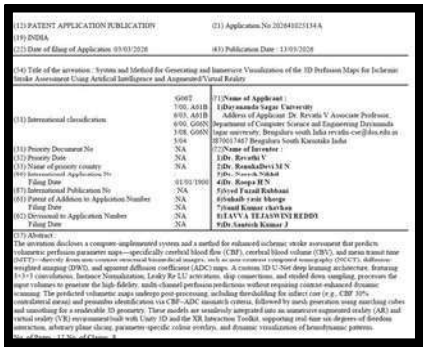
349.	49S_BE_2555	SENIORCONNECT: A VOICE-ENABLED MOBILE PLATFORM WITH REGIONAL LANGUAGE SUPPORT FOR ELDERLY WELL-BEING AND GOVERNMENT SCHEME ADVISORY ACROSS INDIA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MALA B.A	Mr. RAGHAVENDRAGOUD J PATIL Mr. MOHAMMED AMIRUL AMAN Mr. PUNEETH S P Mr. RAJA MOHAMAD	4,000.00
350.	49S_BE_3577	AI-POWERED LEARNING PLATFORM FOR QUALITY EDUCATION IN UNDERSERVED REGIONS FOR SCHOOL TEACHERS AND STUDENTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAVITHA HIREMATH	Ms. D N PADMASHRI Ms. BOOMIKA B Ms. LAYA JAYAKUMAR Ms. REVATHI THAMENDRAN	4,000.00
351.	49S_BE_6509	INNOVATIVE HEALTHCARE TECHNOLOGY AI-BASED SMART BAND FOR ASTHMA PATIENT HEALTH MONITORING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. KAVYASHREE I PATTAN	Mr. YOGESH S Mr. MOHITH R Mr. VISHWAS C REDDY Mr. V SAI HEMANTH REDDY	4,000.00

STUDENT ACHIEVEMENTS

Ms. Devika Ashwin Desai (ENG25CS0903), 1st year CSE student has participated in the South India Equipped Powerlifting Championship -2026 held at Diamond Jubilee Auditorium Race Course Road Bangalore on 7-8 March 2026 and won Gold Medal in the 84+ Junior category.

Mr. Darshan Nagendra (ENG24CS0388), Mr. Lenoie Jesnil Coutinho (ENG24CS0503), 2nd year CSE students has a team Synapse Members are participated and showed outstanding performance in the 24-hour Internal Hackathon (La Casa De Code) Techflix Season-2, secured First Place with cash prize of Rs. 10000 organized by Department of CSEACM-Dayananda Sagar University on 27th-28th February 2026.

Ms. Tavva Tejaswini Reddy (ENG22CS0479), Mr. Suhaib Yasir Bhosge (ENG22CS0189), Mr. Sunilakumar (ENG22CS0192), Mr. Syed Fuzail Rubbani (ENG22CS0476), final year CSE students and Dr. Revathi V, Associate Professor, Dr. RenukaDevi M N, Assistant Professor, Department of CSE has published an Indian patent with the tilted "System and Method for Generating and Immersive Visualization of the 3D Perfusion Maps for Ischemic Stroke Assessment Using Artificial Intelligence and Augmented/Virtual Reality" under the applicant name DSU with the application number 202641025134 during 13th March 2026.



STUDENT ACHIEVEMENTS

Mr. Nithin Katariya V (ENG24CS0151), Mr. Nithin KS (ENG24CS0150), Mr. Narasimha (ENG24CS0140), and Mr. Nihar (ENG24CS0146), 2nd year CSE students has a team Ctrl+Alt+Delete! participated in RIFT 2026 and was selected among the Top 500 teams for the finals out of 8000+ participating teams during 19th and 20th February 2026 at PW Institute of Innovation Bengaluru.

Mr. Dhairyamansinh Jadeja (ENG24CS0400), 2nd year CSE student presented a paper titled "Energy Efficient TinyML Models for Intelligent Wearable Devices" and received Best Paper Award at ICONIC 2026 (International Conference On Intelligent Computing) held at Panimalar Engineering College, Chennai on 27th & 28th March 2026.

STUDENT ACHIEVEMENTS

Ms. P N Bhoomika (ENG24CS0155), Ms. Sonia N (ENG24CS0238) , Mr. Navnith Krishna G (ENG24CS0546), Mr. Rochan R Kulkarni (ENG24CS0187), 2nd year CSE students presented a paper titled "Explainable AI-Based Financial Market Prediction Using Ensemble Machine Learning and Temporal Data Analytics" and received Best Paper Award at ICONIC 2026 (International Conference On Intelligent Computing) held at Panimalar Engineering College, Chennai on 27th & 28th March 2026.

Ms. Yashodha H R (ENG24CS0284), 2nd year CSE student has published an Indian patent with the tilted "An IoT-Enabled Autonomous Medicine Dispensing Kiosk with RFID Smart Health Card and AI-Assisted Telemedicine for Underserved Communities" under the applicant name DSU with the application number 202641028045 during 20th March 2026.

EDITORIAL COMMITTEE

Faculty Coordinators

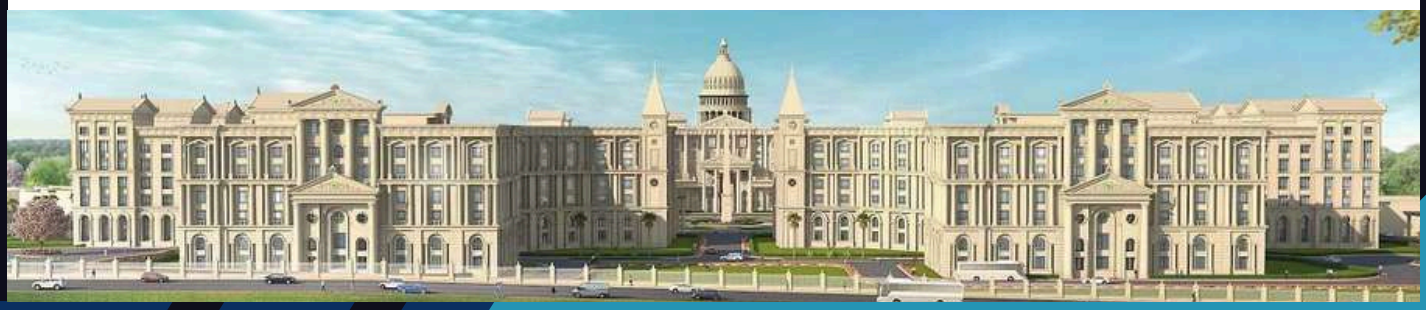
Prof. Mala B A
Assistant Professor

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.

Department of Computer Science and Engineering Dayananda Sagar University Devarakaggalahalli, Harohalli, Kanakapura Road, Bengaluru South Dt - 562 112