



PESITM
SHIVAMOGGA



2026

ANNUAL REPORT

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT
NH-206, SAGAR ROAD, SHIVAMOGGA-577204

ABOUT THE HEAD OF DEPARTMENT



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Dr Pramod is presently working as the Head of the Department of Computer Science and Design, PESITM SHIMOGA. He brings in a total of 22 years of teaching experience. He completed a PhD in Computer Science and Engineering from VTU, INDIA

Domain: Cloud Computing. He received an outstanding Faculty Mentor Award in 2020 - 2021 from Novel Research Academy, registered under the Ministry of MSME, Government of India.

He has published two Patents in the Official Journal of the Patent Office, India. He is the co-author of the textbook "Programming with Python".

Publications: Besides this, he published more than 25 Publications (National /International) in Jin journals and conducted more than 10 Webinar/ FDP/SDP. Currently, he is guiding three PhD Research Scholars, VTU, Belgaum. One of the PhD Scholars who has been awarded a PhD Degree, he is currently a Reviewer of the review board member of the journal IJERT (International Journal of Engineering Research and Technology) and JETIR (Journal of Emerging Technologies and Innovative Research).

He has reviewed more than 100 Journals. He has published two Book Chapters and is the Editor of the IP Series Book Chapter. He holds Professional Bodies membership: Lifetime member of ISTE, CSI, IAEN, G, and IFERP.

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TEACHING FACULTY



Greetings from the Faculty of Computer Science and Design (CSD),

It gives us immense pleasure to present the 2025 edition of our departmental newsletter. This publication reflects the collective spirit, dedication, and continuous growth of the CSD department. Over the past year, we have seen remarkable academic progress, innovative projects, successful workshops, faculty development programs, industry interactions, alumni engagements, and many student-led initiatives that have strengthened our academic community.

Our department strongly believes in nurturing creativity alongside technical excellence. The achievements of our students in academics, co-curricular activities, research, and design thinking stand as a testament to their hard work and the supportive mentorship provided by our faculty. We are proud of the collaborative culture that encourages experimentation, critical thinking, and holistic development.

We extend our heartfelt gratitude to the management of PESITM, our respected Principal, Dr. Swamy D R, the Editorial Board, faculty

coordinators, and student editors whose sincere efforts have shaped this newsletter into a meaningful reflection of our journey. Their commitment and teamwork have ensured that every milestone and accomplishment is thoughtfully documented.

Editorial Board

Greetings from the Editorial Board!!!

I am delighted to announce that the 2025 issue of our departmental newsletter is ready for release, featuring comprehensive coverage of the latest updates from the CSD department. With several activities taking place regularly, this edition brings together a concise overview of staff and student achievements, FDPs and workshops, expert and alumni talks, and other events have become integral to our department. We have also highlighted the diverse talents of both students and faculty to inspire and motivate them positively. I sincerely thank the management of PESITM, our principal, Dr. Swamy D R, the faculty coordinator, and the student editors for their dedicated efforts in making this newsletter a meaningful publication. We also look forward to your valuable suggestions to further enhance our content.

Sincerely,

Dr. Pramod

Head of Department

Computer Science and Design



EDITORIAL TEAM



Soujanya V S



Rakshitha A



Suhas G Kashyap



Dhruva S Kadal



Sharanya



Sachith R
Editorial Team Head



Department VM PEO & PSO

Vision

To provide globally competent professionals in the field of Computer Science & Design, embedded with sound technical knowledge, aptitude for research and innovation, with ethical values to cater to industrial & societal needs.

Mission

M1: To provide quality undergraduate education in both the theoretical & Applied foundations of Computer Science & Design Engineering.

M2: Research to advance the state of the art in Computer Science & Design Engineering and integrating the research results as innovations

M3: To inculcate team-building skills and promote life-long learning with high societal and ethical values.

Program Educational Objectives (PEO)

Graduate Will:

PE01: Possess knowledge to enable continued professional development.

PE02: Engage in life-long learning to foster personal & organisational growth.

PE03: Work productively as successful professionals in diverse career paths.

PE04: Effectively communicate ideas to promote collaboration by societal standards & ethical practices

Program Specific Outcomes (PSO)

PS01: To apply standard software engineering practices & strategies in real-time software project development

PS02: To apply the latest programming languages in creating innovative career opportunities.

CSD DEPARTMENT COLLABORATED WITH GEEKSFORGEEKS



GeeksforGeeks Student Chapter

GeeksforGeeks, a leading platform for computer science enthusiasts, is dedicated to empowering individuals with the knowledge and skills necessary to excel in the ever-evolving field of technology. Inspired by the mission of GeeksforGeeks, we are thrilled to announce the establishment of the GeeksforGeeks Student Chapter at our esteemed college.

Purpose:

The GeeksforGeeks Student Chapter aims to provide a dynamic platform for students to enrich their academic and professional journey in the realm of computer science and related disciplines. Our primary goal is to bridge the gap between theoretical learning and practical application, equipping students with the tools and experiences they need to thrive in the tech industry.

Membership:

Membership in the GeeksforGeeks Student Chapter is open to all students pursuing degrees in computer science, information technology, and related fields. Whether you're a coding enthusiast, a budding software engineer, or simply curious about the world of technology, we welcome you to join our vibrant community. As a member, you will gain access to a wealth of resources, networking opportunities, and support to fuel your passion for technology.

Activities:

Technical Workshops & Seminars: Our chapter will host a series of workshops and seminars led by industry experts and seasoned professionals, covering a wide range of topics such as programming languages, web development, data structures, algorithms, and more.

Coding Competitions: We will organise coding competitions to foster creativity, collaboration, and innovation among students. These events provide a platform for students to showcase their skills, solve real-world problems and win exciting prizes. **Tech Talks & Panel Discussions:** Engaging tech talks and panel discussions will provide valuable insights into emerging trends, best practices, and career opportunities in the tech industry. Students will have the opportunity to interact with guest speakers, ask questions, and gain valuable perspectives.

Project Showcases: We will encourage students to work on hands-on projects and showcase their creations to the community. Whether it's a mobile app, a website, or a software solution, we believe in celebrating the ingenuity and creativity of our members.

Leadership Development: Being part of the student chapter committee allows members to develop leadership, teamwork, and organisational skills. Students can take on roles such as Chair, Vice-Chair, Event Head, or social media head and organise events, manage finances, and liaise with the parent GeeksforGeeks body.

Networking: GeeksforGeeks Student Chapters can collaborate with other chapters, professionals, and industries, providing students with opportunities to build a strong professional network. By establishing the GeeksforGeeks Student Chapter at our college, we aim to create a vibrant Community of tech enthusiasts who are passionate about learning, growing and making a positive impact in the world. Together, let us embark on an exciting journey of exploration and collaboration.

Welcome to the GeeksforGeeks family!





We are delighted to inform you that Ms Vaishnavi G K of CSE 3rd year has been appointed as the chapter lead for the year 2024.

GeeksforGeeks has established a college chapter at the PES Institute of Technology & Management the academic year 2024 with the help of her initiative.

We look forward to doing informative & productive work together in the near future, which would help the students to grow & learn.

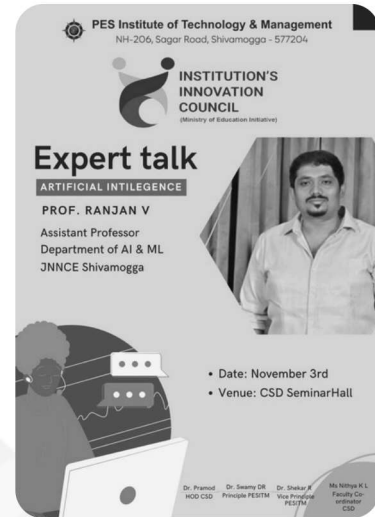
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Academia Interactions

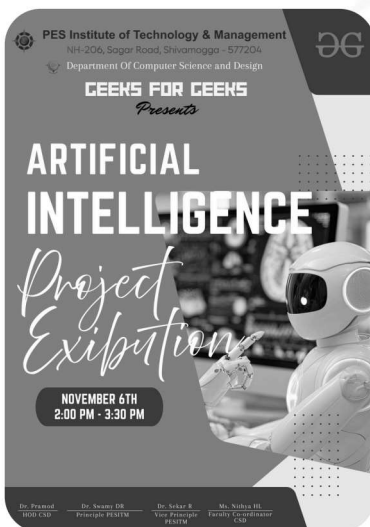
Expert Talk: Artificial Intelligence

Artificial Intelligence, which is rapidly transforming the global landscape through automation, data-driven insights, and cognitive computing, stands as the cornerstone of modern technological evolution. To delve deeper into this transformative field, an Expert Talk is organized under the aegis of the Institution's Innovation Council (a Ministry of Education Initiative). This session features Prof. Ranjan V, Assistant Professor from the Department of AI & ML at JNNCE Shivamogga, who brings specialized knowledge and academic expertise to the platform. His insights aim to bridge the gap between theoretical concepts and the



practical applications of AI that are reshaping industries today. This event serves as a vital reminder of the importance of continuous learning and adaptation in the digital age. By hosting experts like Prof. Ranjan V, the institution reinforces its commitment to fostering an environment of innovation, curiosity, and technical excellence for the betterment of society.

AI Project Exhibition



Artificial Intelligence, which represents the pinnacle of human ingenuity by enabling machines to learn, adapt, and solve intricate problems, is the engine driving the next industrial revolution. To showcase the practical application of these groundbreaking technologies, the Department of Computer Science and Design at PES Institute of Technology & Management (PESITM), in collaboration with GeeksforGeeks, presents an Artificial Intelligence Project Exhibition. This exhibition serves as a dynamic platform where innovation meets execution, allowing students to demonstrate their technical prowess through real-world AI solutions.

This exhibition is a celebration of the vision and hard work of our students, whose projects reflect a deep commitment to shaping a smarter, safer, and more efficient world. It is an invitation to witness firsthand how the engineers of tomorrow are harnessing the power of AI to drive the growth and development of our society.

Academia Interactions

Industrial Visit to Siemens Healthineers

As part of our academic enrichment initiatives, students had the opportunity to visit Siemens Healthineers, Bengaluru, a global leader in medical technology and healthcare innovation. The industrial visit provided valuable exposure to real-world applications of engineering concepts in the healthcare domain.

During the visit, the team at Siemens Healthineers introduced students to advanced diagnostic technologies, including imaging systems, digital healthcare solutions, and AI-enabled medical platforms. The session highlighted how cutting-edge software, automation, and data analytics are transforming patient

care and hospital operations worldwide. Students also gained insights into product development cycles, quality assurance standards, and regulatory compliance in the medical technology sector. The interaction with industry professionals offered clarity on career pathways, internship opportunities, and the interdisciplinary collaboration between engineering and healthcare sciences.



Java Project Exhibition



As part of our continuous efforts to enhance practical exposure and industry readiness, the department organised an interactive academic session for students.

The program aimed at strengthening the connection between theoretical concepts and real-world industry applications.

The session focused on emerging technologies, career development strategies, and the practical implementation of engineering knowledge in professional environments. Students were introduced to current industry trends, workplace expectations, and the

importance of technical skills combined with effective communication and teamwork. The interactive nature of the session allowed students to engage actively, clarify doubts, and gain valuable guidance regarding higher studies, internships, and placement preparation. Emphasis was also placed on problem-solving skills, innovation, and adaptability in today's competitive technological landscape.

Academia Interactions

Industrial Visit to IISc

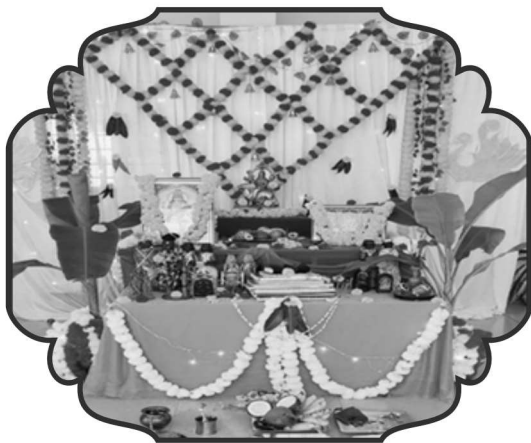
As part of an academic enrichment initiative, students visited the Indian Institute of Science (IISc), Bengaluru, to gain firsthand exposure to supercomputing and advanced research infrastructure. The visit provided valuable insights into high-performance computing and its role in solving complex scientific and engineering problems.

During the visit, students were introduced to the concept of supercomputers, their architecture, and their applications in areas such as scientific research, data analysis, climate modeling, artificial intelligence, and advanced simulations.

The session helped students understand how supercomputing systems handle massive volumes of data and perform computations at extremely high speeds. The interaction offered a practical perspective on how theoretical concepts learned in classrooms are applied in real-world research environments.



Ayudha Puja Celebrated



Ayudha Puja was celebrated with great devotion and cultural spirit, highlighting the importance of knowledge, tools, and instruments used in daily life. Observed during the Navaratri festival, Ayudha Puja signifies respect for learning, skills, and the resources that support education and professional growth.

The puja area was beautifully decorated with flowers, garlands, traditional ornaments, and vibrant rangoli. Books and educational materials were placed for worship, symbolizing reverence towards knowledge and wisdom.

The serene atmosphere of the celebration reflected the values of gratitude, discipline, and dedication. The celebration brought together students and faculty members, fostering a sense of unity and cultural awareness. Such observances help preserve traditional values while encouraging respect for education and collective responsibility.

Academia Interactions

Independence Day

On 15th August 2025, students and faculty members came together to celebrate India's Independence Day with pride, respect, and patriotic enthusiasm. The gathering reflected a shared sense of responsibility and gratitude towards the freedom fighters whose sacrifices laid the foundation for the nation's progress.

The occasion symbolized unity in diversity, as individuals from different backgrounds stood together, embodying the true spirit of independence. The celebration served as a reminder that freedom is sustained through collective effort, mutual respect, and a commitment to national values.

Independence Day 2025 was not only a moment of remembrance but also an opportunity to reaffirm dedication towards building a stronger, inclusive, and progressive nation. The togetherness witnessed during the celebration inspired everyone to contribute positively to society and uphold the ideals of unity, integrity, and harmony.



Ethnic Day 2025



On 15th November 2025, our college celebrated Ethnic Day with great enthusiasm under the theme Karnataka Rajyotsava, where each department was assigned a district of Karnataka to represent its unique cultural identity. This initiative beautifully showcased the state's rich diversity and unity.

Our department was honored to represent the Karavali region (Coastal Karnataka). The vibrant traditions, cultural essence, and coastal heritage of the Karavali belt were thoughtfully reflected through decorations, attire, and overall presentation. Elements inspired by

coastal art forms, colors, and traditional styles highlighted the beauty of Karnataka's coastal districts.

Students and faculty members of the department actively participated, dressed in ethnic attire that represented the spirit of Coastal Karnataka. The celebration fostered a strong sense of cultural pride, teamwork, and departmental bonding.

Academia Interactions

AICTE Outreach Activity on Technology Awareness

As part of an AICTE outreach activity, third-semester students organized a technology awareness session for school students at a government institution to promote digital literacy and familiarity with modern technologies. The initiative focused on creating awareness about the role of technology in education and everyday life. As part of an AICTE outreach activity, third-semester students organised a technology

awareness session for school students at a government institution, with the objective of promoting digital literacy and familiarity with modern technological tools. The initiative focused on creating awareness about the role of technology in education

and everyday life. For the volunteers, the outreach program provided valuable exposure to real-world teaching and communication. It strengthened their sense of social responsibility, teamwork, and leadership, while reinforcing the importance of contributing positively to the community through knowledge sharing.



Food Walk- SCR



The Food Walk at PESITM Shivamogga was an interactive and enjoyable event organized by the 3rd-semester students to promote creativity, teamwork, and cultural food diversity on campus. The main idea behind the activity was to create a fun learning experience where students could showcase their culinary skills, develop entrepreneurial thinking, and engage with their peers in an energetic, informal setting.

During the Food Walk, students set up various food stalls featuring a wide range of homemade and innovative dishes. Each stall reflected the creativity of

The team—from unique recipes and presentations to engaging themes. The event encouraged students to experiment with flavors, manage resources, market their items, and interact with visitors—skills that go beyond classroom learning.

Academia Interactions

Engineer's Day

Engineer's Day, which is celebrated as an honour to the engineers for their development and construction of the world in which we live today with their innovations and technologies, is observed on September 15th of every year in India, as it marks the birth anniversary of one of the greatest engineers and statesmen, Sir M. Visvesvaraya, who did wonderful work in the construction of irrigation systems and water resource development.

Engineers make an important contribution to resolving real-world issues, such as building roads, bridges, smart cities, software, medical devices, and alternative energy

solutions. Indeed, their ingenuity, thinking, and commitment make life easier, better, and safer. This day is a reminder to appreciate the hard work, responsibility, and vision of the engineers, whose continuous efforts have added to the growth and development of our country and the world at large. Moreover, this day motivates and uplifts the youth to choose a career as an engineer and contribute to a better future for the betterment of our society.



CRICKET MATCH 2025



An Inter-Batch Cricket Match was organized in 2025, bringing together students from different academic years in a spirit of healthy competition and sportsmanship. The event provided an opportunity for students to interact beyond academics and strengthen bonds across batches.

The match was conducted with great enthusiasm, where participants showcased teamwork, discipline, and mutual respect on the field. Both teams demonstrated a positive sporting attitude, making the game engaging and enjoyable for everyone involved.

The event also served as a platform for nurturing discipline, time management, and a competitive yet respectful mindset among students. By encouraging participation in sports alongside academics, the cricket event reinforced the values of perseverance, teamwork, and holistic development.

Students Achievement

NPTEL with Gold Elite



Sharanya
Elite

NPTEL with Silver elite



Rakshitha A
Elite



Mithun P
Elite



Sinchana G P
Elite

NPTEL with Elite



Sharanya
Elite



Karthik A P
Elite



Srujana J
Elite



Rakshitha A
Elite

Students Achievement

NPTEL Achievers



Vijeta Vijaykumar
Naik



Shashank
Vinay Hegde



Prathibha j
mirajkar



Shivani N S

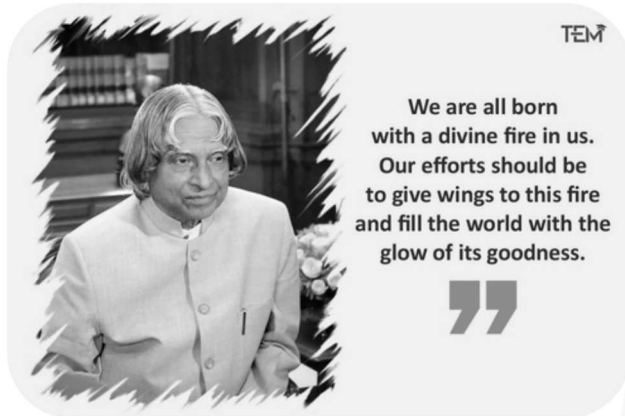


Soujanya Vishnu
Shanbhag



Nivedita K
Raikar

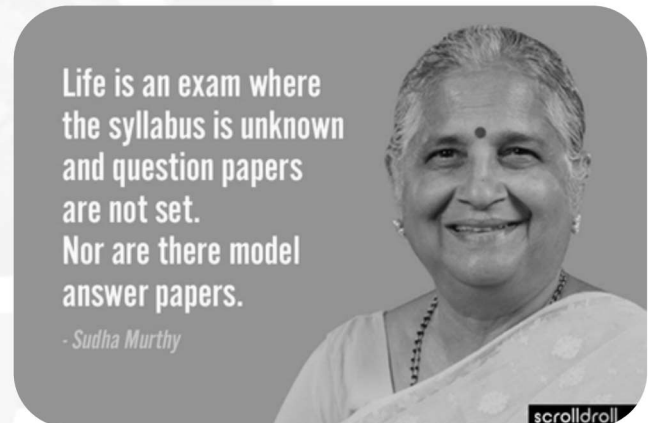
A Vision for Future Leaders



Dr. A.P.J. Abdul Kalam's words remind us that every individual carries immense potential within. As students and educators in the field of Computer Science and Design, we are entrusted with the responsibility of nurturing this inner spark through knowledge, creativity, innovation, and integrity. Each idea we develop, each project we undertake, and each challenge we overcome adds wings to that divine fire.

Let this message inspire us to strive for excellence, contribute meaningfully to society, and use our skills not only to build technology but to build a brighter and more responsible future.

Sudha Murthy's words remind us that life extends far beyond structured classrooms and predefined syllabi. While academic knowledge builds our foundation, it is adaptability, resilience, ethics, and continuous learning that truly prepare us for life's unexpected challenges. As students and educators in the CSD department, we must cultivate not only technical expertise but also critical thinking



and strong values that guide us in real-world situations. Let this thought inspire us to embrace uncertainty with confidence and transform every experience into an opportunity for growth.




Dr. B. R. Ambedkar's inspiring words remind us that progress begins with the courage to take the first step. Failure is not the end, but a part of growth and learning. In the field of Computer Science and Design, innovation demands experimentation, resilience, and the confidence to attempt what seems challenging. As students and educators, we must embrace opportunities without fear, understanding that every attempt strengthens our knowledge and character. Let this message inspire us to move forward boldly, transforming hesitation into determination and ideas into impactful achievements.


Placement Achiever 2026

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ON-CAMPUS RECRUITMENT • EDGEVERVE (8 LPA)





MS. AAKANKSHA B
THIRD YEAR (2025-26)


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MS. SOUJANYA SHANBHAG
THIRD YEAR (2025-26)


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MR. RAJATH RAVIKUMAR
THIRD YEAR (2025-26)

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PESITM

education for the real world

SHIVAMOGGA

*Thank You
For Viewing Us*

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Designed by Sachith R

