



PESITM
SHIVAMOGGA



2025
ANNUAL REPORT

**DEPARTMENT OF
COMPUTER SCIENCE AND
DESIGN**

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

www.pestrust.edu.in/pesitm

ABOUT THE HEAD OF DEPARTMENT

Dr Pramod is presently working as the Head of Department of Computer Science and Design, PESITM SHIMOGA. He brings in a total of 22 years of teaching experience. He completed PhD in Computer Science and Engineering 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 for textbook "Programming with Python".

Publications: Besides this, he published more than 25 Publications (National /International) Journals' and conducted more than 10 Webinar/ FDP/SDP. Currently he is guiding three PhD Research Scholars, VTU, Belgaum.

One of the PhD Scholar who has been awarded a PhD Degree, he is currently the 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, IAENG and IFERP.



Dr. Pramod

Head of Department

Ph.D.

Cloud Computing, IoT, Machine Learning



+91 98868 90174



hodcsd@pestrust.edu.in



ABOUT FACULTY

TEACHING FACULTY



Mrs. Ayisha Khanum

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Python Programming, Machine Learning, IoT.*

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Mrs. Kavya S

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Mr. Manjunatha G

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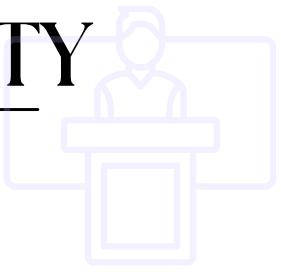
Mr. Harish M

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ABOUT FACULTY



TEACHING FACULTY



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*B.E, M.Tech
Machine Learning, IoT.*

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Mr. Manukumar S M

*B.E, M.Tech
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NON-TEACHING FACULTY



Mr. Shivakumar S V

Lab Instructor

Mrs. Nethravathi KM

Office assistant





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



Aditya S



Shamanth S Kumbar



Nishanth K R
Head of Editorial Team, CSD



Padmini V



Srushti N Y



Thoofik usmaan A



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, 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 organize 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.

A unit of 'Sanchhaya Education Pvt. Ltd.'

**Corp. Office: A-143, 9th Floor, Sovereign Corporate Towers,
Sector 136, Noida, Uttar Pradesh 201304, CIN - U8090UP2015PTC072786**
Email: careers@geeksforgeeks.org **Web:** www.geeksforgeeks.org

Academia Interactions

PES INSTITUTE OF TECHNOLOGY & MANAGEMENT
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DEPT OF COMPUTER SCIENCE & DESIGN
PRESENTING

CGV

Project Exhibition

APRIL 21.04.2025 | 2:00PM-4:30PM
CSD LAB PESITM

STUDENT COORDINATOR
Shashank Hegde Neeli chandrika

FACULTY COORDINATOR
Mrs. Kavya S ASST PROFESSOR, CSD DEPT., PESITM

Dr. Pramod HOD, CSD DEPT, PESITM

Dr. R Sekar PRINCIPAL, PESITM

CGV

MINI PROJECT EXHIBITION

The Department of Computer Science and Design (CSD), PESITM Shivamogga, organised the **CGV Mini Project Exhibition** on **April 21, 2025**, at the CSD Lab. A total of 16 batches showcased innovative projects in **3D design, animation, and interactive visualization**, including **Smart Water Level Monitor, Waste Segregation Guide, Toll Collection System, and 3D Smart City Visualization**.

The event was **inaugurated by Dr. Prasanna Kumar, Dean & HOD of ISE Department**, and evaluated by a panel of judges comprising **Mrs. Manasa (EEE), Mr. Pavan (EEE), Mr. Preetham (ME), and Mrs. Ramya A (ME)**. The **top performers** were **Soujanya Shanbhog, Prasanna, Mohammed Kaif, and Prashanth Nellore**.

The exhibition highlighted the students' **creativity, technical expertise, and problem-solving skills**, while providing them with valuable guidance and feedback from faculty members.

DBMS

MINI PROJECT EXHIBITION

The Department of Computer Science and Design (CSD), PESITM Shivamogga, organised the **DBMS Mini Project Exhibition** on **April 9, 2025**, at the CSD Lab. A total of **16 batches** showcased projects on **database design, implementation, and applications**, including **E-Commerce Management System, Hospital Management System, Library Management System, Inventory Tracking System, and Student Information System**.

The event was **inaugurated by faculty members of the CSD Department** and evaluated by a panel of judges comprising **Mr. Chethan (CSE), Mr. Shravan (CSE), Mr. Madesha S (ISE), and Mr. Preetham (ME)**.

The **top performers** were **Soujanya Shanbhog, Prasanna, Mohammed Kaif, and Prashanth Nellore**.

The exhibition provided a platform for students to demonstrate their **creativity, technical expertise, and problem-solving abilities**, while receiving valuable feedback and encouragement from faculty members.

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DEPT OF COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)
PRESENTING

DBMS

Project Exhibition

APRIL 09.2025 | 1:30PM-4:30PM
CSDS LAB PESITM

STUDENT COORDINATOR
M D Ayan Deepika G S

FACULTY COORDINATOR
Mr. Harish M ASST PROFESSOR, CSD DEPT., PESITM

Dr. Sunitha B S HOD, CSDS DEPT, PESITM

Dr. R Sekar PRINCIPAL, PESTIM

Academia Interactions

FDP

Mastering Research Methodologies: Foundations and Future

Directions

The Departments of **CSD** and **CSDS**, PESITM, Shivamogga, organised a **three-day national-level online FDP** from March **6 to 8, 2025**, focusing on research methodologies and their future directions.

The program covered **foundations of research, research design, and data collection, statistical analysis, and qualitative methods**, providing valuable insights for faculty and research scholars.

Sessions were delivered by eminent resource persons including **Dr. Manjula T (Tumakuru), Dr. Kavitha Dahiya (Jaipur), and Mr. Vishwanath Thammanna (Tumakuru)**.

The FDP saw active participation from across institutes and helped enhance **research competence, ethical awareness, and methodological skills**.

Faculty Coordinators:

Mrs. Ayisha Khanum (CSD) · Mr. Manjunatha G (CSD) · Mr. Nithin H.V (CSDS)
Ms. Sneha (CSDS)

SDP

Unlocking Cyber Security: Basics to Advanced Techniques

The Departments of **CSD** and **CSDS**, PESITM, Shivamogga, organized a **two-day SDP** on **April 28-29, 2025**, at the **Main Seminar Hall** for **4th semester students, with 120+ participants**. The event was **inaugurated by Dr. R. Sekar (Principal)** in the presence of **Dr. Pramod (HOD, CSD)** and **Dr. Sunitha B.S (HOD, CSDS)**. Sessions were delivered by **Dr. Dinesha H.A., Director of Cybersena (R&D) India Pvt. Ltd.**, covering topics such as **network security, firewalls, VPNs, IDS, ethical hacking, and incident response, along with hands-on labs using Nmap, Splunk, and Elastic Stack**.

The program offered practical exposure and career insights in cybersecurity, ethical hacking, and network security. **Faculty Coordinators:** Mrs. Ayisha Khanum (CSD) & Mr. Nithin H.V (CSDS).

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DEPT OF COMPUTER SCIENCE & DESIGN
DEPT OF COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

ORGANIZING

2 DAYS SDP ON
UNLOCKING CYBER SECURITY:
BASICS TO ADVANCED TECHNIQUES

Resource Person
Dr. Dinesha H A
Director of Cybersena (R&D)
India Private Limited, Belagavi

APRIL 28-29, 2025 | 9:00AM-4:30PM
Main Seminar Hall
PESITM

FACULTY COORDINATOR
Mrs. Ayisha Khanum
ASST PROFESSOR, CSD DEPT, PESITM
Mr. Nithin H V
ASST PROFESSOR, CSDS DEPT, PESITM

Dr. Sunitha B S
HOD, CSDS DEPT, PESITM
Dr. Pramod
HOD, CSD DEPT, PESITM
Dr. R Sekar
PRINCIPAL, PESITM

Academia Interactions

PROJECT REPORT PREPARATION & TECHNICAL PAPER PRESENTATION



The Department of Computer Science and Design (CSD), PESITM Shivamogga conducted a session on **Project Report Preparation & Technical Paper Presentation** on **August 25, 2025**, at the **CSE Seminar Hall**.

The session was delivered by **Dr. Prasanna Kumar H.R., Professor and Head, Department of CSE, PESITM**, and coordinated by **Mrs. Ayisha Khanum (Project Coordinator)** under the guidance of Dr. Pramod, HOD, CSD.

The program focused on:

- Structuring academic project reports.
- Formatting standards, citation practices, and plagiarism awareness.
- Technical paper writing and presentation skills.
- Motivating students towards research and publications.

Students gained valuable insights into preparing **professional reports and technical papers**, along with techniques to improve their **academic writing and communication skills**.

STRESS MANAGEMENT SESSION

Recharge & Refocus: Stress Management for Academic Success

The Department of Computer Science and Design (CSD), PESITM Shivamogga, organized a session on **30th August 2025** at the **Seminar Hall** to create awareness on **managing academic stress**. The program covered **stress sources, mindfulness, relaxation, time management, and prioritization strategies**. Students from the **5th and 7th semesters** participated in interactive discussions and stress-relief exercises, guided by Class Teachers and the HOD. The session helped students adopt **positive mindsets, self-care habits, and effective study practices**, enabling them to handle academic pressures better.



Academia Interactions

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The HODs and Staff of CSD and CSDS cordially invite all HODs and Staff to the Inauguration of

TWO-DAY TECHNICAL SKILL DEVELOPMENT WORKSHOP
GITHUB USAGE
DEVELOPER TOOLS AND INTERVIEW MASTERY

JOINTLY ORGANIZING BY
DEPT OF COMPUTER SCIENCE & DESIGN
DEPT OF COMPUTER SCIENCE & ENGINEERING
(DATA SCIENCE)

AUG 22-23, 2025 | 9:00AM-4:30PM
EEE Seminar hall
PESITM

CHIEF GUEST

Mrs. Shrushti Sunder Rao
FULLSTACK DEVELOPER
Senior Consultant
(Rizing Canada)

FACULTY COORDINATOR
Mrs. Ajisha Khanum
ASST PROFESSOR, CSD DEPT, PESITM
Mr. Nithin H V
ASST PROFESSOR, CSDS DEPT, PESITM

Dr. Sunitha B S
CSOS DEPT, PESITM
Dr. Pramod
HOD, CSD DEPT, PESITM
Dr. R Sekar
VICE PRINCIPAL, PESITM
Dr. Swamy D R
PRINCIPAL, PESITM

TECHNICAL TRAINING ON GITHUB DEVELOPER TOOLS

The Departments of **CSD and CSDS**, PESITM Shivamogga, jointly organized a **two-day technical training on GitHub usage and developer tools** on **22nd–23rd August 2025** at the **EEE Seminar Hall**. The program aimed to equip students with practical skills in **version control, collaborative software development, and repository management**.

The inaugural session was held in the presence of the **HODs of CSD and CSDS** along with faculty coordinators.

Over the two days, students gained hands-on experience in:

- **Day 1:** GitHub basics, repositories, commits, branches, merges, pull requests, and project boards.
- **Day 2:** Collaboration workflows, open-source contributions, GitHub Actions, and best practices in version control.

The training concluded with **team-based mini-projects**, where students collaborated on repositories and contributed code in real time. The session ended with a photo session and feedback collection, where participants expressed that the workshop significantly enhanced their **confidence in using GitHub for academic and professional projects**.



Virupina Kewal



Literature

FATHER AND HIS SACRIFICES

My Father, my guiding light,
A pair of strength, through day and night.
With sacrifices, he paves my way,
And helps me shine, come what may.
His selfless love, a treasure rare,
Inspires me to be strong and fair.
With every step, he shows the way,
And fills my heart with love each day.
A father's love, a sacrifice so true,
You gave your life, for me and for our family, too.
A hero's legacy, forever one of a kind.



- DHRUVA S KADAL
2nd YEAR

"HIDDEN TRUTHS"

Beneath polished smiles and whispered lies
A labyrinth hides my deepest eyes
Secrets shackled to my soul's dark night
Truths concealed, yet burning bright.
Hands that once held mine, now grasped deceit
A whispered promise, a heart that skipped a beat
Trust shattered like fragile glass on stone
Your betrayal still echoes, forever sewn.

- DHRUVA S KADAL
2nd YEAR

SALVADOR DALI

SALVADOR DALI

Artistic View



Brush Talks



By: ASHRITHA .R
5th

Students Achievement

HAPPY TO ANNOUNCE THAT STUDENTS HAVE SUCCESSFULLY COMPLETED THEIR



ONLINE CERTIFICATION 2025

PROGRAMMING IN JAVA



SUSHMA K V

Elite



SOUJANYA VISHNU SHANBHAG

Elite



PRERANA ASHOK RAIKAR

Elite



NITHIN A B

Elite



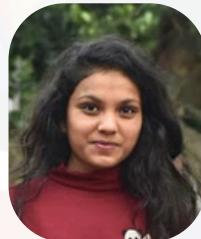
SRUJANAJ

Elite



SHREYA JANARDHAN MADIVAL

Elite



ARPITHA S

Elite



DEEKSHA S K

Elite



ROHIT GOKAVI

Elite



PRANEETH R S

Elite



Suraj V

Elite



BHOOMIKA R

Elite



MOULYA N R

Elite



ADITYA S

Elite

Students Achievement

INTRODUCTION TO GRAPHIC DESIGN



PRASHANT

Elite



PRATHIBHA J MIRAJKAR



PRASANNA KUMAR

OBJECT ORIENTED SYSTEM DEVELOPMENT USING UML, JAVA AND PATTERNS



MITHUN P

Elite



SAKSHI M C



RAJATH RAVIKUMAR



SOUJANYA VISHNU SHANBHAG

Elite



RAJATH RAVIKUMAR



CHANDANA C S

Elite



SUSHMITHA M J

Elite

Blockchain and its Applications



HASAN RAZA

Elite

Cloud Computing



VAISHNAVI G K

Elite

Human Computer
Interaction (In English)



VARSHA S

Python for Data Science
and

Elite

Introduction To Internet Of Things

User-centric Computing For Human-Computer Interaction

Students Achievement

TOPPER'S CSD

Topper's of 6th Semester



Ms. Nandhittha G P
4PM22CG025
SGPA - 9.7



Mr. Shadabur Rahaman
4PM22CG040
SGPA - 9.2



Mr. Shankar
4PM22CG042
SGPA - 8.7



Mr. Manju Madhav V A
4PM22CG023
SGPA - 8.8



SHREYA JANARDHAN MADIVAL
4PM22CG045
SGPA - 9.1

Topper of 4th Semester



Vijeta Vijaykumar Naik
4PM23CG057
SGPA - 8.8



SOUJANYA VISHNU SHANBHAG
4PM23CG052
SGPA - 8.9



Lekhana B
4PM23CG022
SGPA - 9



Moulya N R
4PM23CG025
SGPA - 8.7



Shambhavi M Y
4PM23CG045
SGPA - 8.9

Students Achievement

Placement Achiever 
2025



Prerana Educational and Social Trust (R)

PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NH-206, Sagar Road, Shivamogga-577204

CAREER DEVELOPMENT CENTRE

CONGRATULATES

**KARTIK
GOPAL MADIVALA**

on his **Placement** at



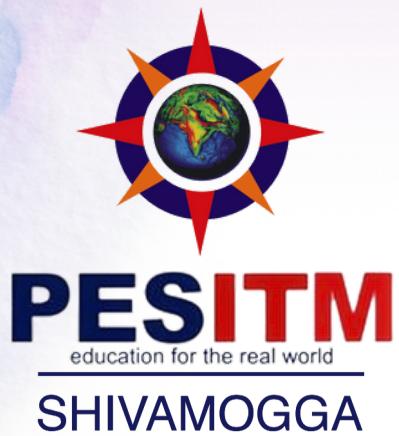
DeltaX

- Role: Associate Product Engineer (Full Stack Developer)
- Package: **7 - LPA**



Computer Science & Design Branch

The Management, Principal, Staff, and Career Development Centre extend their heartfelt congratulations and wish you continued success in all your future endeavors



*Thank you
Viewing Us*

DEPARTMENT OF COMPUTER SCIENCE & DESIGN
PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT
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Designed by :

