



"We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far."

-Swami Vivekananda

Data Sphere

Student Achievements

Mr. Bheemaih M R of 4th sem CD, team of **Vivekananda College of Engineering and Technology, Puttur** won 1st place in **College level Hockey tournament** held at Sahyadri College of Engineering and Management, Mangalore on April 30, 2025.

Ms. Rakshitha K N, Ms. Deepthi K, Ms. Lekha participated in the event "**Cyber Security Hackathon**" in Mangalore University conducted by the National Cyber Security Research Council and selected for semi final in Bangalore.

Ms. Vaishnavi P, Ms. Divya K, Ms. Arpita Gajanan Bhat, Ms. Shravya P of 4th sem CD participated and won 2nd place in the event "**Eastern filmy song Chilume-2025**".

Ms. Vaishnavi P, Ms. Divya K, Ms. Fathimath Samna, Ms. Shamseena of 3rd sem CD participated and won 2nd place in the event "**Tackle Start-Up Hackathon**" conducted by **E-Cell VCET**.

Ms. H Eshwari Anil of 6th sem CD participated in the 2025 statewide Engineering **IT Quiz** organised by **TCS TechBytes** at Sahyadri college of Engineering, Mangalore.

Mr. Maneesh N R, Ms. Ashwini, Ms. H Eshwari Anil of 6th sem CD participated in the Hackathon at **AKRITI-2025**, a national level techno-cultural fest organised by Canara Engineering College, Bantwal.

Ms. Dhanyashree, Mr. Maneesh N R, Ms. Dhanya, Ms. Rithika, Ms. H Eshwari Anil of 6th sem CD participated in project **Omega-2025** a 24-hours national level hackathon organised by Yenepoya Institute of Arts, science and management, Mangalore.

Ms. Kshithi Shetty of 6th sem CD Participated in Literary Darbar – **AKRITI-2025**. A quiz competition covering all the current affairs and technical knowledge, held at Canara Engineering College, Bantwal.

Mr. Gokul K, Mr. Jayaganesh Bhat B, Mr. D P Jithin of 6th sem CD won 2nd place in the "**Inter Collegiate Cricket Tournament**" held at Sahyadri College of Engineering and Management, Manglore.

Hearty Congratulations

To Students placed during the Campus Recruitment 2024-25



Jenet Elizabeth Jacob
Infosys



Kavya Shetty
Infosys



Shreelakshmi
Infosys



Supreeth
EGDK



Kuladeep A G
Winman



Prajnashankari
Saskaen



Tejas S U
SignDesk



Suchitha
Infosys



Nisha Shetty
Infosys



Deekshitha M
Infosys



VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

Data Sphere

Volume : 2

Issue : 1

January 2025 - June 2025

About the Department

The BE in CSE (Data Science) is a four-year undergraduate program that equips students with the knowledge and skills to analyze and interpret complex data. This program focuses on integrating machine learning techniques, algorithms, tools, business acumen, and mathematics to extract meaningful insights from raw data. In essence, Data Science blends technology, algorithm development, and data inference to solve complex problems analytically.

Throughout the course, students learn to combine business knowledge, statistical tools, and computational techniques to derive innovative solutions that create business value.

The curriculum covers a comprehensive range of subjects, including Basic Science, Mathematical and Statistical Foundations, Artificial Intelligence, Machine Learning, Data Science, Deep Learning, and Data Visualization, ensuring a well-rounded understanding of the field.

Hearty Congratulations

To our university rank holders



Suchitha
Gold Medal
1st Rank CGPA -9.60



Prajnashankari M N
2nd Rank CGPA -9.52



Sinchana Lakshmi
3rd Rank CGPA -9.48



Shreelakshmi V
8th Rank CGPA -9.35

Academic Activities

Awareness Session on "Internship Opportunities in Industry and Recognised Internships by VTU"

The Department of Computer Science and Engineering (Data Science) organized an awareness session on "**Internship Opportunities in Industry and Recognised Internships by VTU**" on January 29, 2025, at Savarkar Sabhabhavana, VCET, Puttur. The session was conducted by **Mr. Pavan Jain** and **Mr. Shankar Narayan**, who provided valuable insights into various internship opportunities available in different industries. They also elaborated on the internship programs recognized by VTU, helping students understand the benefits and application procedures.

The session included an interactive discussion, where students actively participated and had their queries addressed. With an enthusiastic turnout of nearly 300 students, the event proved to be highly informative and beneficial for final-year students in preparing for their professional journey.



Faculty Enrichment Program (FEP)

The Department of Computer Science and Engineering (Data Science) organized the **Faculty Enrichment Program(FEP)** from February 24 to 28, 2025 for the EVEN semester of the academic year 2024-25 to enhance the knowledge and teaching methodologies of faculty members in various laboratory courses. The sessions focused on improving faculty expertise in handling lab courses efficiently and providing students with a better learning experience.

Each session in the Faculty Enrichment Program was dedicated to a specific lab course, where faculty members shared their expertise, discussed best practices, and explored effective ways to deliver lab sessions to students. The sessions also emphasized hands-on learning and the integration of modern tools and technologies to enhance lab activities.



Workshop on "Introduction to Git and GitHub"

The Department of Computer Science and Engineering (Data Science) at Vivekananda College of Engineering and Technology, Puttur, in association with ADSS, organized an interactive one-day workshop on **"Introduction to Git and GitHub"** on April 09, 2025. The event was held in Classroom E108 and E208 of Krishna Chethana building, VCET Puttur. The session was conducted by **Mr. Nishan Kumar H V** and **Mr. Gaurav G Alva**, 3rd year 6th Semester students of CSE (Data Science) at VCET, who shared their knowledge and practical experience in Git and GitHub.

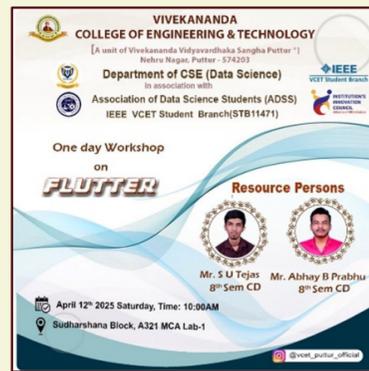
The workshop began with an introduction to Git, focusing on its features, architecture, and how it enables developers to build apps. The resource persons explained the basics in a beginner-friendly manner, helping participants understand how Git and GitHub fits into the modern landscape.



Workshop on "Flutter"

The Department of Computer Science and Engineering (Data Science) at Vivekananda College of Engineering and Technology, Puttur, in association with ADSS, organized an interactive one-day workshop on **"Flutter"** on April 12, 2025. The event was held in Classroom A321 of the Sudarshan Building, VCET Puttur. The session was conducted by **Mr. Tejas S U** and **Mr. Abhavy Prabhhu**, 8th Semester students of CSE (Data Science) at VCET, who shared their knowledge and practical experience in Flutter development.

The workshop began with an introduction to Flutter, focusing on its features, architecture, and how it enables developers to build apps for both Android and iOS using a single codebase. The resource persons explained the basics in a beginner-friendly manner, helping participants understand how Flutter fits into the modern mobile development landscape.



"To me the very essence of education is concentration of mind, not the collection of facts"

-Swami Vivekananda

Workshop on "Azure DevOps Essentials and Git"

The Department of Computer Science and Engineering (Data Science) at Vivekananda College of Engineering and Technology, Puttur, in association with ADSS, organized a one-day workshop titled **"Azure DevOps Essentials and Git"** on May 09, 2025. The workshop took place in Classroom E210 of the Krishna Chethana Building, VCET Puttur. The resource person **Mr. K G Varun Rai** shared his expertise in software development lifecycle tools, focusing on Azure DevOps and Git. He began by introducing the concept of DevOps and its importance in modern software development. The session provided a comprehensive walkthrough of the Azure DevOps ecosystem. Students learned about core concepts such as Repos, Pipelines, Boards, and CI/CD integration. The agenda of the event included an introduction to DevOps, an overview of Azure DevOps, setting up Azure DevOps accounts, understanding Azure Pipelines for CI/CD, Azure Repos version control with Git, and placement tips. Additionally, the workshop covered Git's structure, version control concepts, branching strategies, and how Git integrates with Azure DevOps to manage code effectively.



Faculty Achievements

Prof. Harshitha K, Prof. Shreerekha M, Prof. Akhila M L has successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on **"Deep Dive into AI: Latest Trends using Machine Learning and Deep Learning"** at REVA University from 13th January to 18th January 2025.

Prof. Nagaraja N S, Prof. Shreerekha M has successfully participated & completed Five Day Faculty Development Program on **"Best Teaching Learning Practices for Faculty Mentors"** held at Vivekananda College of Engineering and Technology, Puttur from 3rd February to 7th February 2025.

Prof. Akhila M L has successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on **"The Future of Smart Mobility: Integrating AI and IoT in Electric Vehicle Ecosystems"** at Sree Sakthi Engineering College from 27th January to 01st February 2025.

Prof. Roopa G K, Dr. S V Prasad, Prof. Rohith H P, Prof. Nagaraja N S, Prof. Chaithanya D, Prof. Harshitha K, Prof. Sapna K N participated in the Five- Day Online Faculty Development Programme on **"NextGen Data Science: Transforming Education and Research through Data"** held from 23rd June to 27th June 2025, organized by Presidency School of CSE & IS, Presidency University, Bengaluru, India.

Prof. Akhila M L has received a certification of appreciation for being recognized as **NPTEL ENTHUSIAST** organised by NPTEL, AICTE from Jan-Apr 2025.

Prof. Akhila M L has received a certification of appreciation for being recognized as **NPTEL DISCIPLINE STAR in Computer Science and Engineering** organised by NPTEL, AICTE from Jan-Apr 2025.

Prof. Akhila M L has attended an FDP and successfully completed the NPTEL online Certification course on **"Data Analytics with Python"** organised by NPTEL, AICTE from Jan-Apr 2025.

Prof. Akhila M L has attended an FDP and successfully completed the NPTEL online Certification course on **"Advanced Computer Architecture"** organised by NPTEL, AICTE from Jan-Apr 2025.

Prof. Akhila M L has attended an FDP and successfully completed the NPTEL online Certification course on **"Business Intelligence & Analytics"** organised by NPTEL, AICTE from Jan-Apr 2025.

Prof. Akhila M L has attended an FDP and successfully completed the NPTEL online Certification course on **"The Joy of Computing Using Python"** organised by NPTEL, AICTE from Jul-Oct 2024.



VISION

To surpass expectations as a leading DataScience department, fostering innovation through a dynamic learning environment, empowering socially responsible and analytically proficient individuals to drive progress.

MISSION

M1: To nurture skilled, innovative, and quality professionals in Data Science.

M2: To encourage faculty to continuously upgrade their expertise and in still professional values in a rapidly evolving technological landscape.

M3: To develop state-of-the-art infrastructural facilities that foster excellence in Data Science education and research.

M4: To establish impact full collaborations with government, industry, society, and alumni, while promoting entrepreneurship in the field of Data Science.

PSOs

- Analyse, design, implement and test the complex systems by applying suitable Algorithms, Data structures and Object oriented technology.

- Demonstrate the knowledge of Artificial intelligence, Machine learning and Data engineering to design and develop intelligent systems.

- Exhibit a concrete foundation to process an innovative career, higher studies and research in data science.