DATA SCIENCE



"Arise, awake, and stop not till the goal is reached..."

-Swami Vivekananda

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Student Achievements

Mr. Avinash presented a project paper at ***Jnana Sangama***, showcasing his innovative project work and technical ideas at the conference. His participation provided an opportunity to present his work and gain exposure to academic research discussions.

Ms. Chandana Nagesh Harikantra successfully completed the ***NPTEL Cloud Computing course*** through ***SWAYAM***, enhancing her understanding of cloud architecture, virtualization, cloud service models (IaaS, PaaS, and SaaS), deployment models, and cloud-based applications. She also presented the research paper titled ***"ML Based Career Assessment System"*** at the ***JnanaSangama National Level Student Conference***, demonstrating an AI-based approach for adaptive career assessment and personalized skill evaluation.

Mr. Harshit M Naik secured the ***Silver Medal*** in ***Hammer Throw*** at the ***VTU State Level Athletic Meet*** held at Tiptur, showcasing his dedication and excellence in sports at the university-level competition.

Mr. G Rajasekhar Reddy represented the Kabaddi team that emerged as ***Champions*** at the ***Division Level Kabaddi Tournament*** and secured the ***Runners-up*** position at the ***VTU State Level Kabaddi Tournament***, demonstrating his sporting skills and contribution to the team's success.

Mr. Ishakrishna participated in the ***NUCHROME Inter-College Fest***, securing ***3rd Prize*** in the Street Play competition. He also ***participated in the Stand-up Comedy Competition*** at the cultural fest organized by Madhwa College, Udupi, showcasing his creativity and talent in cultural activities.

Mr. Samith S P completed ***Data Science Training*** and a ***Data Science Internship*** at ***GenZ Educate Wing***, ***recognized under MSME, Government of India***, gaining practical knowledge and hands-on experience in data analysis, machine learning, and real-world Data Science applications. The programs enhanced his understanding of data-driven techniques and industry-oriented project development.

Mr. Yakshith secured ***First Place in the Mangalore Division Kabaddi Tournament*** and ***Second Place in the VTU State Level Kabaddi Tournament,*** demonstrating outstanding performance and achievement in competitive sports.

Heartfelt Congratulations

To Students placed during the campus Recruitment 2025-26



Sowjanya S Bhat
Smart Cache Networks



Nishan Kumar H V
Unicourt



Prakruthi G P
QSpiders



Harshit Mahesh Naik
Yaticorp India Pvt Ltd



Tejaswini M
Infosys



D.P Jithin
TAP Academy



Gaurav Alva
XFactr Softwares



Aparna A
Logycent



Amitha Kumari
Infosys



Anujna M P
TAP Academy



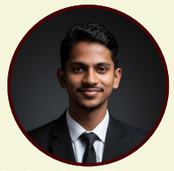
B Kshithi Shetty
QSpiders



Swasthika M
TAP Academy



Shreyas Prabhu
TAP Academy



Khalandar Thameem
Yaticorp India Pvt Ltd



Roshini M
Ginger Media



VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

Data Sphere

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Department Profile

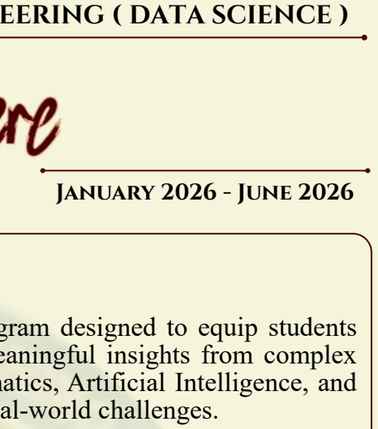
The B.E. in CSE (Data Science) is a four-year undergraduate program designed to equip students with the knowledge and skills to analyze, interpret, and derive meaningful insights from complex data. The program integrates Computer Science, Statistics, Mathematics, Artificial Intelligence, and Machine Learning to develop intelligent, data-driven solutions for real-world challenges.

The curriculum provides a strong foundation in programming, data structures, databases, probability, and statistical methods, while covering advanced topics such as Machine Learning, Deep Learning, Data Analytics, Data Visualization, Big Data, and Generative AI. Students gain practical exposure through laboratory sessions, mini and major projects, internships, workshops, industrial visits, hackathons, and certification programs, ensuring industry readiness.

The department also promotes research, innovation, industry collaboration, and entrepreneurship, preparing graduates for careers as Data Scientists, AI Engineers, Machine Learning Engineers, Data Analysts, and Software Developers, as well as for higher education and research.

Academic Activities

Workshop on "Streamlit Fundamentals"



The Department of CSE (Data Science) at Vivekananda College of Engineering and Technology, Puttur, in association with ADSS, organized a workshop titled "**Streamlit Fundamentals: From Data to Dashboards**" on April 2, 2026.
The session was conducted by **Gaurav G Alva** (final-year student), who introduced Streamlit, its significance, and core concepts such as data visualization, user input handling, and application deployment. Through practical demonstrations, students learned how to transform data into functional web applications.
The workshop provided insights into how Streamlit simplifies development, enhances scalability, and supports efficient deployment. The hands-on session encouraged students to explore Streamlit for their projects







Data Sphere
Volume: 3 Issue : 1 DEPARTMENT OF CSE (DATA SCIENCE)

Parent Meet for the Academic Year 2025–2026

The Department of CSE (Data Science), Vivekananda College of Engineering and Technology, Puttur, organized the Parent Meet for the academic year 2025–2026 on 8th April 2026 at Sir M. Visvesvaraya Hall, Krishna Chethana Block.

The program began with an invocation by Ms. Vaishnavi and Ms. Anusha. Prof. Harshitha K compered the event. Prof. Sapna K N, PRC Coordinator, welcomed the gathering, followed by an address from Prof. Roopa G K, HoD, who presented the department's activities and achievements. Smt. K. Deepa Nayak, PRC Secretary, also addressed the gathering.

Prof. Vandana Shankar, Head – Training and Placement, presented the department's placement statistics and highlighted the initiatives undertaken to improve students' career opportunities. An interactive session with parents was conducted, enabling them to share their suggestions and clarify their queries.

Dr. Mahesh Prasanna K, Principal, addressed the gathering and emphasized academic excellence, placement support, and the overall development of students.

The program concluded with the Vote of Thanks by Prof. Chaitanya D, followed by the Shanthi Mantra.





Alumni Talk: The Compile Journey – Turning Student Dreams to Developer Reality

The Department of CSE (Data Science), Vivekananda College of Engineering and Technology, Puttur, in association with the Association of Data Science Students (ADSS), IEEE VCET Student Branch, and the Alumni Cell, organized an alumni talk titled "The Compile Journey: Turning Student Dreams to Developer Reality" on 6th May 2026 at Sir M. Visvesvaraya Hall, Krishna Chethana Block.

The session was conducted by Ms. Uma Chakrakody, Lead Developer, Infosys Ltd., who shared her journey from student life to becoming a software developer. She highlighted her startup experience, the challenges she faced, and the importance of continuous learning, practical skills, and adaptability. She also guided students on interview preparation, emphasizing Data Structures, Algorithms, coding practice, real-time projects, communication skills, and the effective use of AI tools in software development.

The program was compered by Ms. Shravya, while Ms. Hrithika introduced the guest speaker. The Vote of Thanks was delivered by Ms. Divya. The session was highly informative and motivated students to prepare for successful careers in the IT industry.











"If the poor boy cannot come to education, education must go to him..."

-Swami Vivekananda

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Industrial Visit: Bridging Academia and Industry - 2026

An Industrial Visit was organized by the Department of CSE (Data Science) from 21st to 23rd April 2026, with 41 students and 3 faculty members participating.

On 21st April, the team visited A1 Logics, Mangaluru, where the founder, Mr. Praveen Udupa, introduced the company and explained its role in IT-enabled services, particularly conference automation. Students gained insights into registration platforms, payment integration, barcode-based solutions, the difference between IT and ITES, and the importance of communication, accountability, and continuous learning.

On 22nd April, the group visited Dandeli and participated in activities such as river rafting, kayaking, and zip-lining, promoting teamwork and collaboration.

On 23rd April, the team visited Murudeshwar Temple before returning to Puttur.

The visit provided valuable industry exposure while enhancing practical learning, teamwork, and overall student development.





Faculty Achievements

Prof. Roopa G K participated as judge for the event MEDHASTRA [CODING] during ANTHARYA 2.0, the national level Inter collegiate IT Fest on 16th April 2026 organized by the department of MCA, VCET Puttur.

Prof. Roopa G K published a research paper titled "Digitizing historical Kannada: An OCR approach for Yakshagana scripts based on glyph-to-Unicode dictionaries" in Digital Applications in Archaeology and Cultural Heritage, (ELSEVIER)volume 41, April 2026.

Dr. S V Prasad Published a paper titled “Design And Implementation Of 32-bit Floating-point Multipliers Using Different Vedic Sutras” in Atrio Journal, ISSN: 2659-5230, Volume 9, Issue 6(June), 2026 pp 43-59.

Dr. S V Prasad Published a paper titled “Design and Analysis of Floating Point Multiplication Using Vedic Mathematics - A Review” in Studies in Science of Science, ISSN: 1003-2053, Volume 44, Issue 6(June), 2026 pp 12-17.

Prof. Harshitha K has participated in the I DCM meeting held at Srinivas University, Mukka on 3rd Jan 2026.

Prof. Harshitha K has participated in the 3-Day Faculty Development Program on LaTex, organized by Department of Master of Computer Applications (MCA), VCET, Puttur held from 10 February, 2026 to 12 February, 2026.

Prof. Harshitha K has participated in the Orientation Programme on “Understanding and Addressing Complex Engineering Problems in OBE Framework” organized by SJC Institute of Technology, in collaboration with Visvesvaraya Technological University, Belagavi on 15 June 2026 in Virtual Mode.

Prof. Chaithanya D has attended Training of Trainers: One Day Workshop on “Interdisciplinary Project Based Learning”, held on 18th March 2026, jointly organized by JNNCE Shivamogga, VTU's Visvesvaraya Research & Innovation Foundation (VRIF), Belagavi and Educational Rating and Assessment (ERA) Foundation Bengaluru.

Prof. Rohith H P has participated in the 5-Days Online Faculty Development Program on “Modern Visualisation Tools for Research and Industry”, organized by Department of Information Technology, New Prince Shri Bhavani College of Engineering & Technology, Chennai in association with Pantech Solutions India Pvt. Ltd, held from 15thto 19th June 2026.

Prof. Akhila M L has participated in the 3-Day Faculty Development Program on LaTex, organized by Department of Master of Computer Applications (MCA), VCET, Puttur held from 10 February, 2026 to 12 February, 2026.

VISION

To surpass expectations as a leading Data Science department, fostering innovation through a dynamic learning envi-ronment, empowering socially responsible & analytically proficient individuals to drive progress.

MISSION

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

M2: To encourage faculty to continuously upgrade their expertise and instill 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 impactful collaborations with government, industry, society, and alumni, while promoting entrepreneurship in the field of Data Science.

PSOs

- Analyze and develop efficient solutions for complex engineering problems using algorithms, data structures, and object-oriented programming.
- Apply concepts of computer organization, operating systems, database management systems, software engineering, and basic electronics to design and develop reliable, scalable, and robust computing systems.
- Evaluate techniques of statistical machine learning, data engineering-analytics-visualization to design and implement intelligent systems for data driven decision making.