ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
1	Talk on "Placement Drive: How to Prepare and Succeed"	06-09-2024	7th sem Students of CD	Ms. Anvitha Bhat M	1,2,3,4,8, 9,10,11, 12	1,2

The Department of Computer Science and Engineering (Data Science), in collaboration with the Association of Data Science Students (ADSS) and the IEEE VCET Student Branch, organized a talk titled "Placement Drive: How to Prepare and Succeed" on September 6th, 2024, at Shri Rama Sabha Bhavana, VCET Puttur.

The session's guest speaker, Ms. Anvitha Bhat M, a software developer at SAPLABS Bengaluru with four years of industry experience, was introduced by the Head of the Department, Prof. Roopa G K. Prof. Roopa warmly welcomed Ms. Anvitha Bhat and highlighted her notable achievements as an esteemed alumna of the institution.

Ms. Anvitha Bhat's presentation offered a comprehensive guide to preparing for SAP interviews and placement rounds. She shared valuable insights on common interview questions and provided practical advice on approaching them. Key recommendations included researching the company and the job role thoroughly, mastering the necessary programming languages, and using platforms like GeeksforGeeks for practice.

During her engaging talk, Ms. Anvitha Bhat emphasized the importance of thorough preparation and confidence. She encouraged students to be firm in their chosen programming language and well-versed in the relevant skills required for the job. Her real-world experiences and advice were especially beneficial, offering attendees actionable strategies to enhance their interview performance.

The talk was well-received, with attendees leaving with a clearer understanding of how to effectively prepare for placement drives and interviews. Overall, the event was a resounding success, providing practical insights and expert guidance to support students in their career pursuits.

ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
2	Talk on "AI in Mediacal Imaging"	12-09-2024	3rd sem Students of CD	Dr.Kangkana Bora	1,2,3,4,8, 9,10,11, 12	1,2

The Department of Computer Science and Engineering (Data Science), in collaboration with the Association of Data Science Students (ADSS) and the IEEE VCET Student Branch, organized a talk on ""AI in Medical Imaging" on September 12th, 2024, at E210 – DBMS/DAA Lab, Vivekananda College of Engineering & Technology, Puttur, at 11:15 AM.

Dr. Kangkana Bora, an Assistant Professor from the Department of Computer Science and IT, Cotton University, Guwahati, delivered the talk. She provided a comprehensive overview of the applications of artificial intelligence in medical imaging, highlighting its significant impact on modern healthcare through advanced diagnostic tools.

The session witnessed active participation from around 100 students from the Department of Data Science and Department of AIML who engaged in discussions, gaining valuable insights into the intersection of AI and healthcare technologies.

This event was held under the aegis of IEEE VCET Student Branch and the Institution's Innovation Council (IIC), ensuring a successful collaboration between academic and professional bodies.The talk proved to be highly beneficial for students, enriching their knowledge and inspiring further exploration into AI's real-world applications in the medical field.

ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
3	Session on" KNOW YOUR DEPARTMENT"	18-09-2024	1st sem Students of CD	Prof. Roopa G K	-	-

As a part of student induction programme department of CD conducted a session on" KNOW YOUR DEPARTMENT "for first year BE students. Head of Department Prof. Roopa G K gave brief introduction about department features, activities conducted, faculties of department, and career opportunities. Later Mr. Supreeth and team conducted various activities for students. It is specially designed for improving students soft skill and public speaking. Students actively participated in each and every event and enjoyed while session. Winners of event are rewarded with prizes. Prof. Reshma of basic science department welcomed and introduced prof.Roopa.G K. She also delivered vote of thanks.

ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
4	Talk on "Engineering Horizons: Exploring Advanced Studies in the USA"	14-10-2024	7th sem Students of CD	Mr. Desmond Fernandes	1,2,3,4,8, 9,10,11, 12	1,2

A talk titled "Engineering Horizons: Exploring Advanced Studies in the USA" was held at Shri Rama Sabha Bhavana on October 14, 2024. The event was organized by the Department of CSE (Data Science) and the Department of Artificial Intelligence and Machine Learning, in collaboration with the Association of Data Science Students (ADSS), Artificial Intelligence Student Association (AISA), and ISTE, VCET. The session was specifically aimed at final-year engineering students, with Mr. Desmond Fernandes, a consultant from SOLASTA-US Education Consultants, serving as the guest speaker.

Mr. Fernandes, drawing on his extensive experience in guiding students toward studying abroad, provided valuable insights into exploring opportunities for advanced studies in the USA. He explained how SOLASTA-US Education Consultants supports students in navigating the complexities of studying abroad, from choosing the right universities to securing visas and scholarships. He emphasized the importance of preparation, covering key steps such as taking standardized tests like the GRE and TOEFL/IELTS, researching universities, and identifying scholarship options to reduce the financial burden of studying in the USA.

The session also featured an engaging Q&A, where students asked questions about admissions, scholarships, and the practicalities of studying and living abroad. Mr. Fernandes offered practical advice on the importance of selecting fields of study aligned with future job market trends, helping students make informed decisions about their academic and professional paths.

The event concluded with students feeling motivated and better informed about pursuing higher education in the USA. The organizing teams from ADSS, AISA, and ISTE, VCET, expressed their gratitude to Mr. Fernandes for his inspiring talk and to the departments for their support in making the event a success.

ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
5	IoT TRAINING on "Arduino Uno and its applications"	22-10-2024 and 26-10-2024	3rd sem Students of CD	1.Prof. Akhila M L 2. Dr. S V Prasad 3. Mr. Ankith Kumar 4. Mr. Khalandar Thameem 5. Mr. Avinash 6. Mr. Manohara 7. Mr. Sricharan N	1,2,3,4,8, 9,10,11, 12	1,2

The department of Computer Science & Engineering (Data Science) in Association with ADSS in Co-Ordination with ICIoT LAB, VCET Puttur conducted a workshop **"Arduino Uno and its applications"** from 22/10/24 and 26/10/24 in ICIoT lab, VCET Puttur.
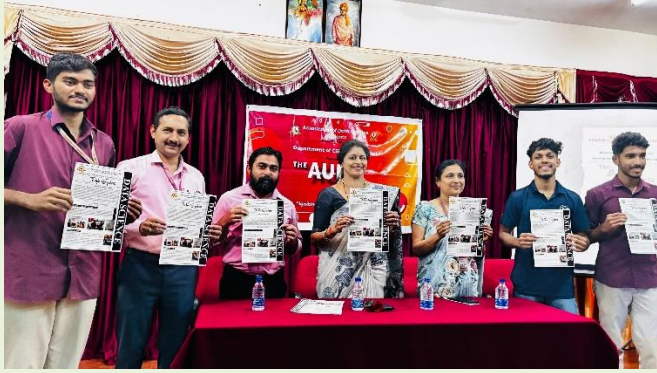
Prof. Akhila M L, Dr. S V Prasad, IOT coordinators of CSE(Data Science) department were the resource persons for the sessions and with the help of our 5th sem students: Mr. Ankith Kumar, Mr. Khalandar Thameem, Mr. Avinash, Mr. Manohara, Mr. Sricharan N we successfully conducted the sessions. Mr. Venkatesh, In Charge of ICIoT lab, VCET also coordinated with department resource persons. Around 64 students of 2nd year CSE (Data Science) got benefitted from this workshop.

The workshop mainly focused on real world applications of IoT with Arduino Uno, ESP-32 microcontroller and worked with ESP32 Board in Arduino IDE and students got familiar with various Sensors- DHT11 Temperature and Humidity Sensor, LED glowing with switch, IR sensors, Flame IR sensor, Soil Moisture Sensor, Gas sensor MQ2 and piezo buzzer. Also, students have learnt Bluetooth communication and interfacing GSM module with Arduino.

ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Guest	PO	PSO
6	The Aura 2024	26.11.24 to 28.11.24	All the engineering students	Smt.Vidya R. Gowri, Director of VCET	1,2,3,4 ,8,9,10 ,11, 12	1,2

The Department of Computer Science and Engineering (Data Science) at Vivekananda College of Engineering and Technology (VCET), in collaboration with the Association of Data Science Students (ADSS), successfully organized *Aura-2K24*, a three-day festival held from November 26 to 28.

The event served as a vibrant platform for students, professionals, and enthusiasts to showcase their skills through a variety of technical and cultural competitions such as *Swift Shift*, *Binary Brains*, *Tech Fiesta*, *Squad War*, *Face Art*, *Gesture Quest*, *Madvertise*, *Tech Rangoli*, *Techno Vision*, and *Behind the Lens*.
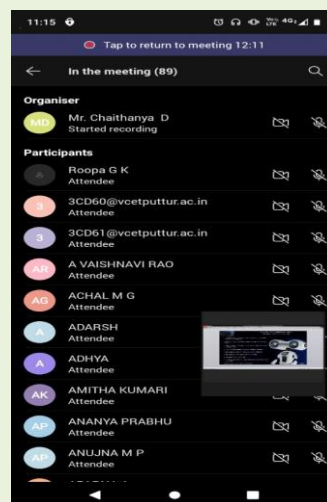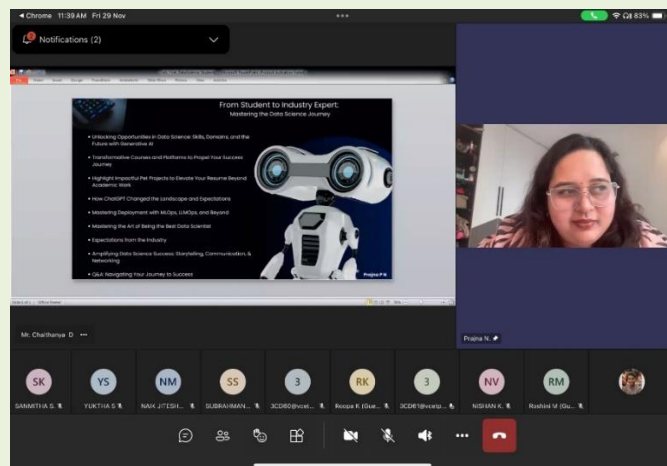
The Valedictory Function of Aura-2K24 was held on November 28 at Sri Rama Sabha Bhavana, VCET. The event was graced by several distinguished guests, including Smt. Vidya R. Gowri, Director of VCET, who attended as the Chief Guest. Smt. Vidya R Gowri spoke about the importance of such technical competitions which enabled students to think innovatively and try to provide suitable solutions for real-world problems.
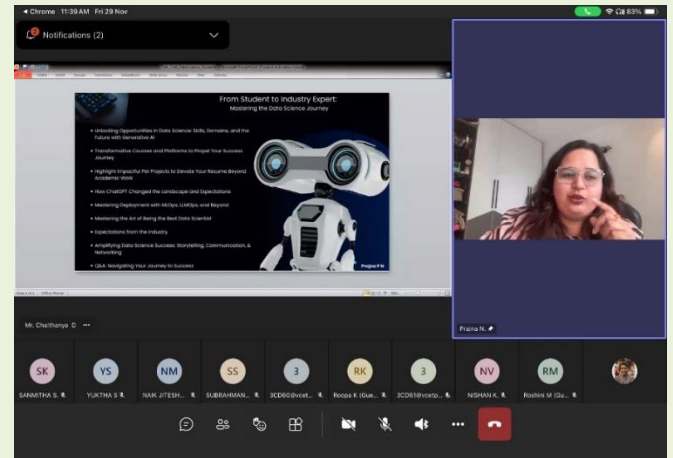
Prof. Roopa G. K., Head of the Data Science Branch, and Prof. Chaithanya D., Coordinator of Aura-2K24, Mr. Abhishek, Presiden, ADSS were also present. A significant moment of the ceremony was the release of the department's newsletter, *Data Sphere*, by Chief Guest Smt. Vidya R. Gowri.

The event was hosted by Mr. Supreeth K. S., with the welcome address delivered by Ms. Sinchana Lakshmi. Mr. Abhishek provided a detailed recap of the festival, highlighting the various competitions and activities that brought excitement and learning to the students. Ms. Shreelakshmi V. announced the list of prize winners. Ms. Dhruthi delivered vote of thanks.Aura-2K24 was a resounding success, fostering creativity, collaboration, and community spirit among participants, and leaving an indelible mark on the VCET campus.

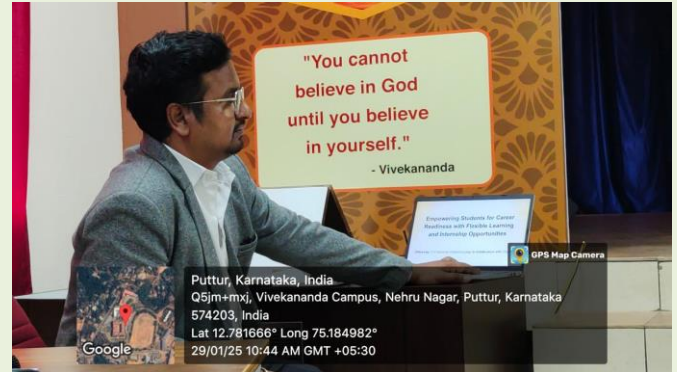| ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
7	Talk on "Mastering Data Science in the ChatGPT Era : Key Domains, Skills and Strategies for Success"	29-11-2024	5th and 7th semester students of CD	Ms. Prajna P N	1,2,3,4,8, 9,10,11, 12	1,2

The Department of Computer Science and Engineering (Data Science), in collaboration with the Association of Data Science Students (ADSS) and the IEEE VCET Student Branch, organized a talk titled **"Mastering Data Science in the ChatGPT Era: Key Domains, Skills, and Strategies for Success,"** delivered by Ms. Prajna P N, AI Engineering Lead, WatsonX CE, IBM, Bengaluru on 29th November 2024 via Microsoft Teams.

Targeting over 100+ 3rd and 4th-year data science students, the talk explored how generative AI, particularly ChatGPT, is transforming the data science domain. The speaker highlighted essential skills and emerging domains, emphasizing the importance of tools like MLOps and LLMOps for model deployment. She also discussed strategies for crafting impactful resumes, leveraging pet projects, and excelling in industry-standard expectations. The session underscored the need for storytelling, communication, and networking skills to amplify professional success, along with actionable insights for navigating the evolving landscape of AI-driven data science.

In conclusion, the session was highly interactive, providing students with a well-rounded perspective on mastering data science in this transformative era. The Q&A segment allowed participants to clarify doubts and gain practical guidance, making the event a resounding success in equipping attendees with the tools and strategies needed to thrive in the competitive data science industry.

ACADEMIC YEAR 2024-2025						
S No	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
8	Awareness Session on "Internship Opportunities in Industry and Recognized Internships by VTU"	29-01-2025	All the final year students	Mr. Pavan Jain and Mr. Shankar Narayan	1,2,3,4,8, 9,10,11, 12	1,2

The Department of Computer Science and Engineering (Data Science) organized an awareness session on **"Internship Opportunities in Industry and Recognized 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.

ACADEMIC YEAR 2024-2025						
S No	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
9	Faculty Enrichment Program(FEP)	24-02-2025 to 28-02-2025	All the faculties	All the faculties	1,2,3,4,8, 9,10,11, 12	1,2

The Department of Computer Science and Engineering (Data Science) organized the Faculty Enrichment Program(FEP) from 24-02-2025 to 28-02-2025 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.

- **MongoDB Lab:** Prof. Sapna K N provided insights into NoSQL database operations and real-world applications of MongoDB.
- **MC Lab:** Prof. Nagaraja N S discussed microcontroller programming and hands-on hardware experiments.
- **ADA Lab:** Prof. Harshitha K explained algorithm design strategies with practical lab exercises.
- **DBMS Lab:** Prof. Chaithanya D covered advanced database management techniques and query optimization.
- **UI/UX Lab:** Prof. Akhila M L demonstrated principles of user interface and user experience design using modern tools.
- **BDA Lab:** Prof. Rohith H P elaborated on big data processing frameworks and analytical techniques.
- **ML Lab:** Dr. S V Prasad explained various machine learning models and implementation strategies.

The Faculty Enrichment Program (FEP) 2024-25 for EVEN semester was successfully conducted, ensuring that faculty members gained valuable insights into their respective lab courses. The sessions facilitated knowledge sharing and discussions on improving lab teaching methodologies. The program was instrumental in strengthening faculty competencies, ultimately benefiting students' learning experience.

ACADEMIC YEAR 2024-2025						
S No	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
10	Workshop on "Introduction to Git and GitHub"	09-04-2025	4th semester CSE (Data science) students	Mr.Nishan Kumar H V and Mr. Gaurav G Alva,	1,2,3,4,8, 9,10,11, 12	1,2

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.

One of the highlights of the workshop was the hands-on session, where students had the Configured Git globally and pushed the repository to GitHub. The workshop covered important concepts such as Cloned the repository from GitHub to students laptops and lab PC's. Walked through the basic steps of adding, committing, and pushing changes to a remote repository. And also created an HTML code to demonstrate how websites can be hosted using GitHub Pages. This made the whole learning experience more fun and interactive.

Overall, the workshop served as a solid introduction to Git and GitHub.It blended theory concepts with hands-on practice, making the learning experience both valuable and engaging for everyone. By the end, students were excited and motivated to keep exploring app development on their own.

ACADEMIC YEAR 2024-2025						
S No	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
11	Workshop on "Flutter"	12-04-2025	6th semester CSE (Data science) students	Mr. Tejas S U and Mr. Abhay Prabhu,	1,2,3,4,8, 9,10,11, 12	1,2

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 a Sudarshan Building, VCET Puttur. The session was conducted by Tejas S U and Abhay Prabhu, 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.

One of the highlights of the workshop was the hands-on session, where students had the opportunity to create simple Flutter applications. The workshop covered important concepts like widgets, layout design, and navigation, with live examples to make things clearer. One of the best parts was using Flutter's instant refresh feature, which let students instantly see their changes in the app as they coded. This made the whole learning experience more fun and interactive.

Overall, the workshop served as a solid introduction to mobile app development using Flutter.It blended theory concepts with hands-on practice, making the learning experience both valuable and engaging for everyone. By the end, students were excited and motivated to keep exploring app development on their own.

ACADEMIC YEAR 2024-2025						
SNo	Activity	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
12	Workshop on "Azure DevOps Essentials and Git"	09-05-2025	6th sem Students of CD	Mr. K G Varun Rai, Software Application Engineer, HP Inc.	1,2,3,4,8, 9,10,11, 12	1,2

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 09th 2025. The workshop took place in Classroom E210 of the Krishna Chethana Building, VCET Puttur. The resource person 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.

A key highlight of the workshop was the hands-on segment, where participants were given the opportunity to configure Git repositories, commit changes, and run basic pipelines using Azure DevOps. The real-time demo helped students connect the theory with practical experience, allowing them to apply what they had learned in a hands-on way.

By the end of the workshop, students had a good understanding of how to manage and deploy code collaboratively and efficiently. The session sparked an interest in DevOps culture, motivating participants to explore projects using Azure DevOps and Git.