DATA SCIENCE

Student Achievements for the Academic year 2023 - 24

Mr. Maneesh N R of 2nd year CD has participated and won championship trophy in VTU Mangalore Zone Kabaddi tournament held at St. Joseph Engineering College, Mangalore on 18th February 2024.

Mr. Maneesh N R of 2nd year student secured 3rd place in State level Kabaddi tournament at Siddaganga Institute of Technology, Tumkur.

Mr. Bhuvan Kumar A C of 1st year CD has participated and won Gold medal in long jump and silver medal in 4×100mtr relay at VTU State level athletic meet held at Mysore.

Ms. Ashwini of 2nd year CD has participated and won silver medal in 4*400m mixed relay at VTU State level athletic meet held at Mysore.

Ms. Supreetha N S of 2nd year CD has participated and won bronze medal in 20 km walkrace at VTU State level athletic meet held at Mysore.

Mr. Harshit M Naik of 2nd year CD has participated and won bronze medal in Hammer throw at VTU State level athletic meet held at Mysore.

Ms. Ashwini and **Ms. Supreetha N S** of 2nd year CD has participated and won championship trophy at State level Cross Country held at Bahubali College of Engineering and Technology, Shravanbelagola.

Mr. Manohara of 2nd year CD has participated and won runners trophy in VTU Mangalore Zone Volleyball tournament held at SDMITE, Ujire.

Mr. Manohara of 2nd year CD has participated and won runners trophy in VTU State Level Volleyball tournament held at SDMITE, Ujire.

Mr. Gaurav G Alva, Ms. Prapthi J P, Ms. H Eshwari Anil, Mr. Maneesh N R, Mr. Nishan Kumar H V, Mr. Jayaganesh Bhat B, Mr. D P Jithin, Mr. Kedar Pai, Mr. Manohara, Mr. Harshith K, Mr. Achal M G, Mr. Avinash of 2nd year CD participated in **I2 CONECCT 2024** organised by IEEE VCET Student Branch at Vivekananda College of Engineering and Technology, Puttur.

Mr. Maneesh N R, Mr. Nishan Kumar H V, Mr. Kedar Pai, Ms. B Kshithi Shetty of 2nd year CD participated in **API Literacy Program** hosted by **NITK, Surathkal** and successfully completed Postman Classroom Program.

Mr. Gaurav G Alva, Ms. H Eshwari Anil, Mr. Maneesh N R of 2nd year CD participated in **"IEEE R10 ERM Student Contest"** conducted by IEEE ERM Committee.

Ms. Sameeksha K of 3rd year CD secured 2nd place in the event Rangoli-Chilume 2024 conducted on May 2024 at VCET, Puttur.

Ms. Sameeksha K of 3rd year CD secured 2nd place in the event Rangoli organised by Dept. of Basic Science at VCET, Puttur.

Mr. Darshan S M of 2nd year CD participated and won 2nd prize in **"INNOVATHON 2K24"** hosted by Dayanand Sagar Academy of Engineeering and Technology, Bangalore.

Ms. Dhruthi C Hegde of 3rd year CD participated in **HACKATHON-2K23** organised by Dept. of AIML and IEEE VCET SB on 6th Dec 2023 at VCET, Puttur.

Ms. Shreya of 3rd year CD participated in **VARNOTHSAVA-2K23** held at SMVITM, Udupi.

About the Department

The Department of Computer Science & Engineering (Data Science) was established in 2021 with an intake of 60 students. Equipped with state-of-the-art facilities for teaching, learning and research, the department fosters an excellent academic environment. A team of 9 dedicated, qualified and experienced faculty members guide and support the academic pursuits of 240 students.
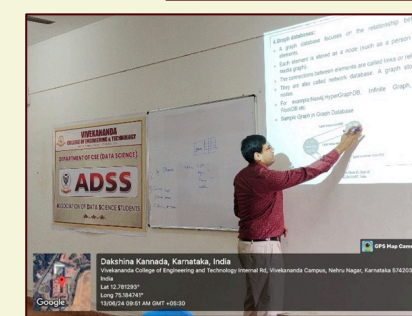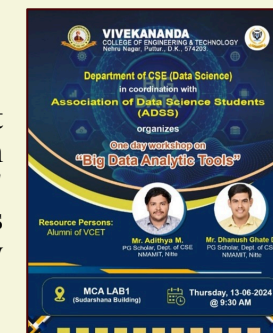
The B.E. in Computer Science & Engineering (Data Science) is a specialised undergraduate program focused on the interdisciplinary study of data science. This field combines scientific methods, processes and algorithms to transform vast amounts of data into actionable insights. Drawing from mathematics, statistics and computer science, the program equips students to develop computational solutions for real-world and data-intensive challenges.

This specialisation enables students to master the tools and systems used by data science professionals, while also building expertise in developing intelligent models across various domains of computer science.

Academic Activities

Workshop on "Big Data Analytic Tools"

The Department of Computer Science and Engineering (Data Science) at Vivekananda College of Engineering and Technology, Puttur, in collaboration with ADSS, organised a workshop for 6th Sem CD on **"Big Data Analytic Tools"** on June 13, 2024, at MCA Laboratory 1, VCET Puttur. The workshop was conducted by Mr. Adithya M and Mr. Dhanush Ghate D, who are currently pursuing their MTech in CSE at NMAMIT, Nitte.

Industrial Visit

An industrial visit was organised by the Computer Science and Engineering (Data Science) Department for the 6th-semester students from 20th - 23rd June, 2024. A total of 44 students and 2 faculties participated in the Industrial Visit.
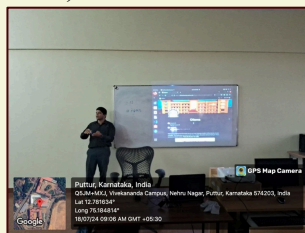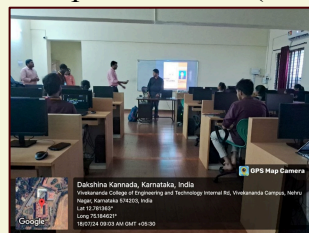

During the visit, students had the opportunity to explore Fireflink Pvt Ltd and Test Yantra. At Fireflink, they learned about the company's platform support and how it utilises AI-based NLP techniques for automation script development, streamlining the creation of automated test scripts faster and more reliably than traditional coding methods.
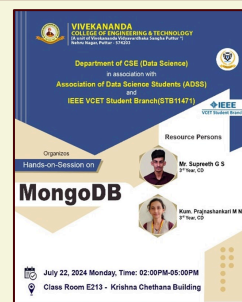
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DEPARTMENT OF CSE (DATA SCIENCE)

Workshop on "OLLAMA"

The Department of Computer Science and Engineering (Data Science) at Vivekananda College of Engineering and Technology, Puttur in collaboration with ADSS organised a **workshop on "OLLAMA"** on July 18, 2024 at the AI Laboratory, VCET Puttur. The session was led by Mr. Shreesha B, an alumnus of VCET Puttur. It took place from 2 pm to 5 pm and attracted around 100 students from the Department of Artificial Intelligence & Machine Learning and the Department of Computer Science (Data Science).

Workshop on "MongoDB"

The Department of Computer Science and Engineering (Data Science) of Vivekananda College of Engineering and Technology, Puttur in collaboration with ADSS organised a **workshop on "MongoDB"** on July 22, 2024 for 2nd year CD at Classroom E213 in the Krishna Chethana Building, VCET Puttur. The workshop was led by Mr. Supreeth G. S. and Ms. Prajnashankari M N, who are students of third year CD.

Celebration of "Kargil Vijay Diwas"

The Department of Computer Science & Engg and Computer Science and Engineering(Data Science) at Vivekananda College of Engineering and Technology, Puttur in collaboration with ACES and ADSS celebrated "**Kargil Vijay Diwas**" on July 26, 2024 at Sri Rama Sabha Bhavana, VCET Puttur. The Chief guest of the function was Lt. Col. S T Ramakanthan, Retd Army Officer, Indian Army.

Department of Data Science - Teaching Staff

Ms. Roopa G K
Head of Department.
B.E, M.Tech, (Ph.D)

Dr. S V Prasad
B.E, M.Tech, Ph.D

Mr. Rohith H P
B.E, M.Tech

Mr. Chaitanya D
B.E, M.Tech

Ms. Akhila M L
B.E, M.Tech

Ms. Sapna K N
B.E, M.Tech

Ms. Shreerekha M
B.E, M.Tech

Mr. Nagaraja N S
M.Sc, M.Tech

Ms. Harshitha K.
B.E, M.Tech

"Books are infinite in number and time is short. The secret of knowledge is to take what is essential. Take that and try to live up to it"
-Swami Vivekananda

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Faculty Achievements for the Academic year 2023 - 24

Prof. Roopa G K published a paper in International Journal of Science & Research(IJSR) on the topic, **"Systematic Review on Offensive Language Detection of Multilingual Texts using NLP and Machine Learning Techniques"**, Volume 12, Issue 8, August 2023.
Prof. Roopa G K has reviewed the papers submitted to International conference on Artificial Intelligence & Data Engineering (AIDE-2023) organised by NMAM Institute of Technology, Nitte during 19th December to 20th December 2023.
Prof. Roopa G K has reviewed the papers submitted to International Journal of Science & Research(IJSR) during the period December 2023 - July 2024.
Prof. Roopa G K has reviewed the papers submitted to IEEE International conference on Distributed Computing, VLSI, Electricl Circuits and Robotics(2024 IEEE Discover) organised by IEEE Mangalore Subsection at St Joseph Engineering College, Mangaluru, Karnataka from 18th October to 19th October, 2024.
Prof. Roopa G K has participated in short time training program on **"Generative AI and the Future of Work"**, conducted by Reva University held from 22nd July to 26th July 2024.

Dr. S V Prasad Published a chapter titled **"Cloud Robotics in Education: Examining the Use of Cloud-Enhanced Robotics for Educational Purposes"** in the book **"Shaping the Future of Automation with Cloud-Enhanced Robotics"** published by IGI Global, pp 333-342, DOI: 10.4018/979-8-3693-1914-7, ISBN13: 9798369319147, Release Date: April 2024.(SCOPUS Indexed).

Prof. Rohith H P, successfully participated in the Faculty Development Program (FDP) on VTU Internship Program organized by Rooman Technologies in association with Visvesvaraya Technological University (VTU), Mysuru, from 13th September to 14th September 2024.
Prof. Rohith H P, Presented the paper titled **"TOUCHLESS TECH & VOICE COMMANDS"** during Jnanasangama-2024, held on 3rd May 2024, hosted by VCET, Puttur.
Prof. Rohith H P successfully completed 5 days FDP on **"Building Advanced Data Analytics Applications with Cloud"** under Next Gen Employability Program from 11th December to 15th December 2023 organised by Edunet foundation.

Prof. Akhila M L has attended a FDP and successfully completed the NPTEL online Certification course on **"Cloud Computing"** organised by NPTEL, AICTE from Jan-Apr 2024.(Duration:12 weeks)
Prof. Akhila M L has attended a FDP and successfully completed the NPTEL online Certification course on **"Introduction to Internet of Things"** organised by NPTEL, AICTE from Jan-Apr 2024. (Duration: 12 weeks)

Prof. Chaithanya D, Presented the paper titled **"Rain Prediction System"** during Jnanasangama-2024, held on 3rd May 2024, hosted by VCET, Puttur.
Prof. Chaithanya D successfully completed 5 days FDP on **"Emerging Technologies"** organised by Department of CSE(AI & ML), Vidyavardhaka College of Engineering in association with TCS (Tata Consultancy Services) held from 11th December to 15th December 2023.

Prof. Sapna K N successfully completed the NPTEL online Certification course **"The joy of Computing using Python"** during Jan-Apr-2024.
Prof. Sapna K N successfully completed 5 days FDP on **"Emerging Trends in signal processing, Image processing and Artificial Intelligence"** organised by department of Electronics and Communications Engineering, SJMIT,Chitradurga held from 12thSeptember to 16th September 2023.

Prof. Roopa G K, Prof. Rohith H P, Prof. Shreerekha M, Prof. Akhila M L, Prof. Chaithanya D, Prof. Sapna K N has attended a FDP on **"Inculcating Best Research Practices"** organised by Department of CSE held at VCET, Puttur from 20th August to 24th August 2024.

Prof. Rohith H P, Prof. Chaithanya D successfully completed the NPTEL online Certification course **"Data Analytics with Python"** during Jan-Apr-2024.

Dr. S V Prasad, Prof. Rohith H P, Prof. Chaitanya D Participated in a five day online FDP on **"Data Analytics and Visualization with PowerBI and Tableau"** from 09th to 13th September 2024 organised by Dept. of Information Science & Engineering, CMR Institute of Technology, Bangalore.

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