



Bits n' Bytes

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
VIVEKANANDA
COLLEGE OF ENGINEERING & TECHNOLOGY



take the lead

Volume 17

Sep 2024 – Feb 2025

VISION

To exceed expectations as one of the alluded specialized Department, making progress through a dynamic learning environment; creating socially capable nationals.

MISSION

M1: To create trained inventive and quality specialists in Computer Science.

M2: To encourage staff to update skills and aptitudes by teaching proficient values in the alterably evolving environment.

M3: To develop best in-class infrastructural facilities, making progress.

M4: To produce commonly valuable associations with Government, Industry, Society, Alumni and advance Entrepreneurship.

Program Educational Objectives (PEOs)

1. Work productively as Computer Engineers, including supportive and leadership roles in multidisciplinary domain.
2. Participate in life-long learning through the successful completion of advanced degrees, continuing education, certifications and/or other professional developments.
3. Promote design, research, product implementation and services in the field of Computer Science and Engineering through strong technical, communication and entrepreneurial skills.



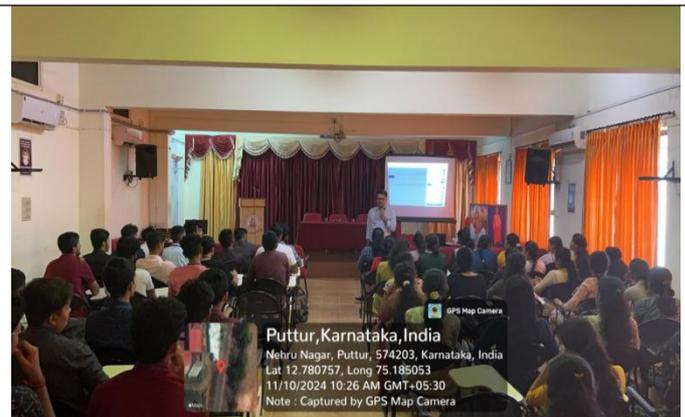
Workshop on “Introduction to ROKU”

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES, Alumni Cell and IEEE VCET Student Branch, VCET Puttur, had organized a workshop on “Introduction to ROKU” on 04-11-2024 at CSE Laboratory, VCET Puttur. The resource person was Deepak Kumar, Dithesh Gowda B & Anusha S 5th Sem CSE students. The session commenced with an inaugural function featuring Deepak Kumar, Dithesh Gowda B, and Anusha S, esteemed seniors from the 5th-semester CSE.

Technical talk on “Visual Paradigm and DrillBit”

The Technical Talk was conducted on 10 – 11 - 2024 topic”VisualParadigm and DrillBit” by Dr.Nishchaykumar Hegde, HOD of CSE,VCET,PUTTUR.

The session commenced with an inaugural function featuring Mr. Dithesh Gowda B, the Joint Secretary of the CSE Association, and Mr. Ashwith, the Vice President of the CSE Association, who welcomed the audience. Mr. A R Sachith served as the emcee, guiding the proceedings smoothly. Dr. Nishchaykumar Hegde, the Head of the CSE Department at VCET, Puttur, led the session, with enthusiastic participation from the 5th-semester CSE students.





Workshop on “Art of Problem Solving”

The workshop was conducted on 12-11-2024 topic “Art of Problem Solving” by Dr. Demian D’Mello Professor, CSE Department CEC, Benjanapadavu. The program began with an inaugural function featuring Dr. Nischay Kumar Hegde, Head of the CSE Department, and Pramod Kumar P M. The welcome speech was delivered by Srijan U H, and the profile reading of the distinguished speaker, Dr. Demian Antony D’Mello, was done by Pratheeksha R.

Technical Talk on “Tips for Tracing Complex Programs”

The Technical Talk was conducted on 12-11-2024 on topic “Tips for Tracing Complex Programs” by Dr. Sunil Kumar B L, Associate Professor, CSE department, CEC Benjanapadavu for CSE students.

The highlight of the event was the technical session conducted by **Dr. Sunil Kumar B L**, who delivered an enriching talk on effective strategies for tracing and debugging complex programs. The session was designed to provide students with practical insights into handling intricate code structures.



Food Walk

The Food Walk was organized to foster social connections and promote community engagement while raising awareness about social responsibility, particularly food sustainability and reducing food waste. The students of 3rd Semester CSE from various backgrounds, united by a shared love for culinary experiences and a desire to make a positive societal impact. The event featured diverse cuisines, encouraging cultural exchange and understanding among participants. It provided a platform for students to develop teamwork, leadership, and organizational skills.



Psychology-Based Session on “Buddhi-Siddhi-Vriddhi”

Motivational Talk was conducted on 29 – 11 - 2024 on topic on “Buddhi-Siddhi-Vriddhi” by Ms. Rajeshwari Nejjikar Psychologist at Kateel Ashok Pai Memorial Institute, Manasa, Shimogga for cse students. In today’s fast-paced world, distractions are abundant, and staying focused is a significant challenge, especially for students. Recognizing the need to address this issue, the Department of CSE, along with ACES and IEEE VCET Student Branch, organized a unique psychology-based session titled “Buddhi-Siddhi-Vriddhi”.

Staff Activity for the ODD Semester of the Academic Year 2024 – 25

STAFF ACHIEVEMENTS

- Dr. Mahesh Prasanna K awarded with a distinction Certificate for successful completion of Indo Universal Collaboration for Engineer Education (IUCEE) International Educator Certification Program during Spring 2024.
- Prof. Pradeep Kumar KG published a paper titled “Optimizing Agricultural and Construction Tool Usage through Android Devices: A Comprehensive Survey”, International Journal Of Educational Research, Volume 127, Page 99-112, 2024
- Prof. Pradeep Kumar KG published a paper titled "An Analysis on Enhancing Speech Clarity for Cerebral Palsy Individuals", in International Journal of Computer Science Trends and Technology (IJCST) Volume 12(2): Page(44-

Staff Activity for the ODD Semester of the Academic Year 2024 – 25

STUDENT ACHIEVEMENTS

- Aneesh S Mayya, Anwesh Krishna B, Chinmaya Thejaswi U S and Ganesh B S, published a paper “Optimizing Agricultural and Construction Tool Usage through Android Devices: A Comprehensive Survey”, International Journal Of Educational Research, Volume 127, Page 99-112, 2024.
- Rachitha M N, Sameeksha S Poojary, Sandra S Pillai, Yashaswini A G. "An Analysis on Enhancing Speech Clarity for Cerebral Palsy Individuals", International Journal of Computer Science Trends and Technology (IJCST) Volume 12(2): Page(44-54) Nov - Dec 2024. ISSN: 2347-8578. Published by Eighth Sense Research Group.
- Aneesh S Mayya, Anwesh Krishna B, Chinmaya Thejaswi

54) Nov - Dec 2024. ISSN: 2347-8578. Published by Eighth Sense Research Group.

- Prof.PradeepKumarKG, presented a paper in “Modernization of Agriculture and Construction Tools Management in Android Devices” in Annual International Conference on Multidisciplinary Research (ICMR-2024), held at IIT Madras research Park, IIT Madras, Chennai.



- Prof.PradeepKumarKG, presented a paper “VirtuOrator: An Application to Address Public Speaking Challenges” in Annual International Conference on Multidisciplinary Research (ICMR-2024), held at IIT Madras research Park, IIT Madras, Chennai.



- Prof. Mohan K, published a paper titled "Video based yoga pose detection using deep learning techniques," International Research Journal of Modernization in Engineering Technology and Science., e-ISSN: 2582-5208, vol. 6, no. 11, pp. 6351, Nov. 2024. [Online]. Available: www.irjmets.com.
- Prof. Radhika Shetty D S attended FDP on "Deep Learning" organized by SkillDzire in collaboration with AICTE(Duration 1 Month).
- Dr, Jeevitha B K,Secretary, IEEE MSS awarded as outstanding contribution and dedication as secretary for IEEE MSS.
- Dr. Jeevitha B K won the Senior Member elevated as Senior IEEE Member.
- Prof.Swapnalaxmi.K filed a Indian Patent, Application No.202441093454 A Published Patent on 06/12/24.
- Prof. Swapnalaxmi.K was Reviewer in International Conference on Artificial Intelligence and Data Engineering on Feb 6th and 7th , NMAMIT, Nitte.
- Dr, Jeevitha B K was the Reviewer in IEEE DISCOVER Conference.

U S and Ganesh B S,presented a paper in “Modernization of Agriculture and Construction Tools Management in Android Devices” in Annual International Conference on Multidisciplinary Research (ICMR-2024), held at IIT Madras research Park, IIT Madras, Chennai.

- Sachin, Sandesh, Shrivathsa, Thejas presented a paper “VirtuOrator: An Application to Address Public Speaking Challenges” in Annual International Conference on Multidisciplinary Research (ICMR-2024), held at IIT Madras research Park, IIT Madras, Chennai.