



Bits n' Bytes



take the lead



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

Volume 16

April 2024 – Aug 2024

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 “Induction 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 “Induction to ROKU” on 2nd March 2024 at DBMS Laboratory, VCET Puttur. The resource person was Mr. Dwarakanath, Software Developer, Ovyo Technology Services. He is Actively engaged in disseminating knowledge through seminars and contributed to supplementary courses, specialized in advanced Git techniques and conducted workshops to ensure optimal version control.

The workshop covered topics like how to work together as a team on Roku projects and how to fix any issues that come up. Mr.Dwarakanath explored strategies for managing code changes made by multiple team members, ensuring smooth coordination and avoiding conflicts.

A Technical talk on "Tracing Recursive Programs"

The workshop got started with the inaugural function. Dr. Sunil Kumar B.L. served as the resource person for the event. He is an Associate Professor and Head of the Department of Computer Science and Engineering at Canara Engineering College, Bantwal. With over 20 years of teaching experience, he holds a PhD in Face Recognition and specializes in Image Processing, Artificial Intelligence, and Compiler Design.

The technical talk on "Tracing Recursive Programs" held at Sri Rama Sabhabhavana was organized by the Department of Computer Science in association with ACES and IEEE VCET Student Branch. The master of ceremony and introduction of guest was done by Sakshi Shetty P and Ananya J N from CSE department.



Motivational talk on "Distraction Avoidance"

The session commenced with an inaugural function featuring Ms. Rajeshwari Nejikar, an esteemed expert in psychology and motivational speaking. Ms. Nejikar currently serves as a behavioral psychologist at MindMatters Consulting, specializing in enhancing personal and professional development through motivational strategies and psychological insights.

Later, the session delved into a comprehensive exploration of motivation and psychology. Ms. Nejikar elucidated the fundamental concepts of motivation, discussing intrinsic and extrinsic motivators, as well as the psychological theories that underpin human behavior. Key terms such as motivation, self-efficacy, and goal setting were explained in detail, emphasizing their importance in personal and professional life.

Workshop on "Introduction on ROKU"

The session commenced with an inaugural function featuring Pradeep and Pratham, esteemed seniors from the 6th-semester CSE. Pradeep and Pratham are well-known for their expertise and engaging teaching style, which was evident throughout the session. They are key figures in our college's tech community, specializing in enhancing understanding and application of modern streaming technologies through their insightful sessions and practical demonstrations.

The session proved to be enlightening and engaging, providing attendees with valuable knowledge and tools to apply their understanding of Roku and related technologies effectively in their personal and professional lives. It was a transformative experience where participants gained a deeper understanding of modern streaming technology and its broader context, empowering them to enhance their media consumption habits positively.





Workshop on “REACT NATIVE”

The Department of Computer Science and Engineering of Vivekananda College of Engineering and Technology, Puttur in association with the Computer Science and Engineering Student Association (ACES), Alumni Cell, and IEEE VCET Student Branch (STB11471), organized a comprehensive workshop on React Native. The workshop took place over two days, 13th and 14th July 2024, and was aimed at providing students with practical knowledge and hands-on experience in developing mobile applications using React Native.

The resource person for the workshop was Mr. Dwarakanath, an enthusiastic software developer from Ovyo Tech Services.

Workshop on “Robotic Process Automation”

The workshop got started with the inaugural function. The resource person was Mr. Lohith B, currently working as a Software Engineer at Novigo Solutions. Actively engaged in disseminating knowledge through seminars and contributing to supplementary courses, specializing in Robotic Process Automation (RPA) techniques and conducting workshops to ensure optimal automation solutions, who was the distinguished guest at the inaugural function.



Celebrated “Kargil Vijay Diwas”

On July 26th, Vivekananda College of Engineering and Technology celebrated Kargil Vijay Diwas with a meaningful program. The event began with a prayer, followed by a warm welcome speech. Lt. Col. S. T. Ramakanthan (Retd) was introduced and received with great respect. His address, highlighting key moments from the Kargil War, deeply moved the audience and reinforced the theme of bravery and sacrifice.

FDP on “ Inculcating Best Research Practices”

FDP was organized for 5-day Faculty Development Programme on “Inculcating Best Research Practices” to enhance faculty members' understanding and engagement in research activities, fostering a robust research culture within the institution from 22nd to 26th August 2024. FDP was inaugurated on 22nd August 2024 at 9.30 AM by Dr. Channappa B Akki, IIIT Dharwad.



**Staff Activity for the
EVEN Semester of the Academic Year 2023 – 24**

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STAFF ACHIEVEMENTS

○ PAPER PUBLICATIONS/ PRESENTATIONS:

- Dr. Arun Anoop Published a book titled AUTOMATA THEORY AND COMPUTABILITY (Automata & Technical writing using LaTeX), Publisher: Beyondline Publishers, ISBN: 978-93-95659-17-8
- Dr. Arun Anoop Published a book titled PROPOSED WELL SYSTEM FOR WASTE SEGREGATION, Indian Patent filed & Published. 202441053616
- Prof. Bharathi K, Dr. Uma K P,"BUILDING A SMART IOT-ENABLED SURVEILLANCE CAMERA WITH LIVE STREAMING APP ", Futuristic Trends in IOT Volume 3 Book 2,IIP Series, Volume 3, May, 2024, Page no.239-246, e-ISBN: 978-93-5747-644-7, DOI/Link: <https://www.doi.org/10.58532/V3BII02CH19>
- Rashmi P.C Published a chapter titled "Cloud Robotics in Education: Examining the Use of Cloud-Enhanced Robotics for Educational Purposes" in a 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).

○ FDP PARTICIPATION/ FACULTY AS RESOURCE PERSON:

- Dr. Jeevitha B K and Mohan K participated in One-week Faculty Development Programme on "**Full Stack Development using Django**" from 8th April to 12th April 2024.
- Dr. Jeevitha B K participated in One-week Faculty Development Programme FDP on "**Cyber Security**".
- Dr. Jeevitha B K participated in One week FDP on "**AWS Infrastructure**" from 21st August to 25th August 2024.9.
- Prof. Radhika Shetty D. S participated in Five Days Online Faculty Development Programme on "**Recent Trends and Challenges in Medical Image Analysis-Python Perspective**" Conducted by the Department of Electronics & Communication Engineering, CMR Institute of Technology,Bengaluru from 18th to 22nd March 2024.
- Prof. Bharathi K participated in International Faculty Development Program on "**AI And Gen AI with Industry Application**"organized by MIT Academy of Engineering (MIT AOE) Autonomous - Maharashtra The National Institute of Engineering - MYSORE Collaboration with ExcelREdtech Pvt. Ltd. From 16th July to 22nd July 2024.
- Prof. Radhika Shetty D, Prof. Bharathi K, Prof. Pramod Kumar P M,Prof. Manasa,Prof. Rashmi P.C,Prof. Participated in 3 days FDP on including "**Best Research Practice**" from 22/8/24 to 24/8/24.
- Prof. Savitha M participated in FDP on Recent Advances in "**Machine Learning and Deep Learning**" from 16/07/24 to 26/07/24.
- Prof. Mohan K completed NPTEL CLOUD COMPUTING from 22 Jan 2024 to 12 Apr 2024.