ACADEMIC YEAR 2023-2024						
SNo	**Activities**	**Date-Month-Year**	**Details of Participants**	**Details of Resource Person(s)/ Guest**	**PO**	**PSO**
1	**Teachers Day Celebration**	**05-09-2023**	**Faculties of VCET**	**1. Sri Harish Shastry, Lecturer, VPUC, Puttur 2. Sri T S Subramanya Bhat, Correspondent, VCET Puttur 3. Dr.Mahesh Prasanna K, Principal 4. Prof. Krishna Mohan A J, HoD, CSE 5. Dr. Manujesh B J HoD, Mech & ISTE Coordinator VCET, Puttur**	**-**	**-**

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with Indian Society for Technical Education (ISTE) had organized the celebration of Teachers' day which was conducted successfully with the active participation of Management, Principal, HODs, Staffs and Students on 5th September 2023.

Sri. Harisha Shastry B, Lecturer, Vivekananda PU college, Puttur was the chief guest of the function. Sri T S Subramanya Bhat, Correspondent, VCET Governing Council was president of the function. Dr. Mahesh Prasanna K, Principal of the institution graced the occasion. Dr. Manujesh B J, HOD, Mechanical Engineering, Coordinator, ISTE, VCET, Puttur and Prof. Krishna Mohana A J, HOD, Dept. of Computer Science and Engineering were also present.

Sri. Harish Shastry recalled his beautiful experiences of his teaching career. He also remembered his students those who are in noble professions like doctors, teachers etc. He added that teaching is a noble profession which creates all other professions.

On behalf of the teaching fraternity, floral tribute was given to Dr. Sarvapalli Radhakrishna during the program. On this special occasion, the teachers who recently obtained their Doctoral degree were honored for their excellence.

The program was commenced with the invocation by Anagha and Ms. Sumana from First year. Yashwitha M of second year CSE welcomed the gathering. Ms. Sandra S Pillai of second year CSE introduced about the Chief Guest and Ms. Bhuvaneshwari of second year CSE spoke about the Teacher's Day. Ms. Varshitha K of second year CSE delivered the vote of thanks. Ms. Sakshi Shetty P of second year CSE was the master of the ceremony of the event. Prof. Pramod Kumar P M, Assistant Professor, Dept.of CSE and Prof. Thapaswini P S, Assistant Professor, Dept.of CSE coordinated the event.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
2	A talk on "Placement Preparation – HP"	13-09-2023	Final Year Students of CSE	Ms. Vishmitha Shetty, Software Developer,HP, Bengaluru & K G Varun Rai, IT Engineer, HP, Bengaluru	1,2,3,8,9,10,11	1,2

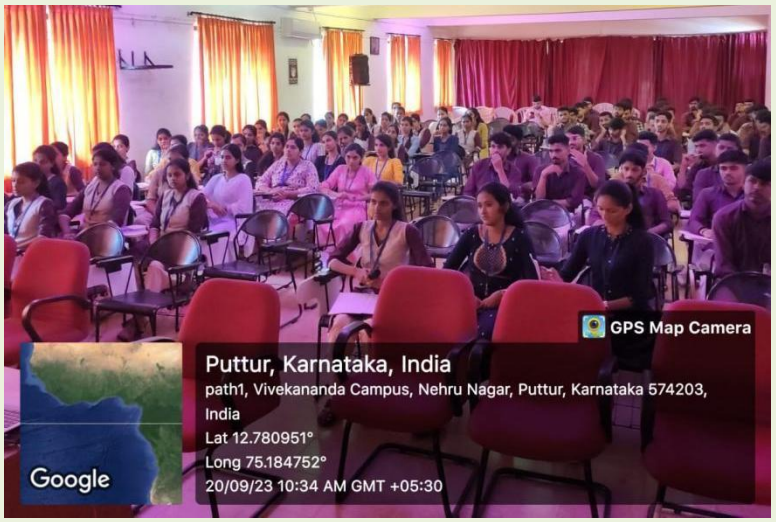
Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES and Alumni Cell, VCET had organized a talk on "Placement Preparation-HP" on 13th September 2023 through online platform. The resource persons were Ms. Vishmitha Shetty, Software Developer, HP, Bengaluru and K G Varun Rai, IT Engineer, HP, Bengaluru.

Ms. Vishmitha shetty said, it is recommended to know at least one of the programming languages thoroughly, i.e C, C++, Java, or Python. Most commonly used languages are C++ and Java as some companies won't allow their employees to code in Python as they have in-built libraries. C++ is the fastest language and is most commonly used for CP (Competitive Programming) and Java & Python are used for CP as well as development.

Mr. K G Varun Rai told, knowledge on Subject basics will add on to your programming skills. Most important subjects that students must know for any company interview are undoubtedly data structures and algorithms. But practice is very important thing to achieve success in career.

Dr. Jeevitha B K, Assoc. Professor, Dept of CSE welcomed the gathering. Ms. Chaitra B of final year CSE introduced resource persons and Ms. Swapnalaxmi K, Asst Professor, Dept of CSE delivered the vote of thanks. Ms. Mekhala V Rao of final year CSE was the master of the ceremony of the event. Dr. Jeevitha B K& Ms. Swapnalaxmi K coordinated the event.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
3	Technical talk on “Application Of Natural Language Processing”	20-09-2023	Final Year Students of CSE	Dr. H.L Shashirekha, Professor & Chairperson, Dept of CSE, Mangalore University, Konaje, Mangaluru	1,2,3,4,8,9 ,11,12	1,2,3



Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES and IEEE VCET Student Branch, VCET Puttur, had organized a technical talk on "Natural Language Processing" on 20th September 2023 at AV Hall,VCET Puttur. The resource person was Dr. H.L Shashirekha, Professor and Chairperson, Dept. Computer Science, Mangalore University.

Dr. H.L Shashirekha explained about Language Processing Techniques and tools required. The entire session was online in google meet platform. She gave information regarding how different Indian languages can be processed, different sources of data and how data could be extracted and stored in various software. Major technologies like Artificial Intelligence, Deep learning, Machine learning were also briefly explained.

NLP stands for Natural Language Processing, which is a part of Computer Science, Human language, and Artificial Intelligence. She explained how this technology can used by machines to understand, analyze, manipulate, and interpret human's languages and helps developers to organize knowledge for performing tasks such as translation, automatic summarization, Named Entity Recognition (NER), speech recognition, relationship extraction, and topic segmentation.

She specified about the IOT, and also related to Major-Project and also about process of evaluation. She also said about the importance of Courses and Projects in the field of Natural Language Processing. Detailed explanation was given for creating different datasets and how it could be stored along with that usage and importance of different Programming and Scripting languages in initiating language processing. At last, she informed the students to implement more projects on Natural Language Processing and to reach greater heights in the field of Natural Language Processing.

The master of ceremony was done by Krithisha of final year CSE and introduction of guest was done by Chaitra B from final year CSE. Dr. Uma Pare, Assoc. Professor, Dept of CSE welcomed the gathering. Prof. Pramod Kumar P M, Asst Professor, Dept of CSE delivered the vote of thanks.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
4	Technical talk on “AWS Cloud”	23-11-2023	Final Year Students of CSE	Mr. Muhammad Mubashir T, AWS Cloud Associate, Appin Technology Lab, Bengaluru	1,2,3,4,8,9,11,12	1,2,3

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES and IEEE VCET Student Branch, VCET Puttur, had organized a technical talk on "AWS Cloud" on 23rd November 2023 at, Sir M Visvesvaraya Hall, VCET Puttur. The resource person was Mr. Muhammad Mubashir T, AWS Cloud Associate, Appin Technology Lab, Bengaluru. He is a skilled AWS Cloud Engineer with a strong background in computer science. With experience working as an AWS Cloud Associate at Appin Technology Lab, he has developed expertise in cloud computing and AWS services.

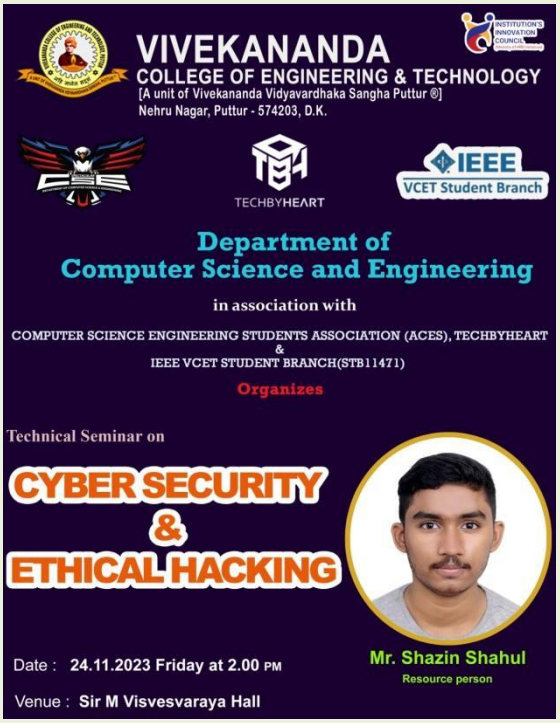
Mr. Muhammad Mubashir T started the session were he explained about cloud. He also said that Oracle is the good competitor of cloud. In the session, the resource person defined about AWS Cloud and explained the important terms regarding AWS and cloud. He also described the importance of cloud and the benefits obtained by it to users. Initially web page creation was defined and later there was very good explanation about bucket creation and the methods to create it were clearly explained. The ways and tricks of posting web page inside the AWS were explained. Clear cut benefits of using AWS Cloud and how it can be used without coding skills were also made clear.

The session was interesting and exciting to hear new technologies to use and restore the required information.

The master of ceremony was done by Shravya K of final year CSE and introduction of guest was done by Shravya M from final year CSE. Prof. Pramod Kumar P M, Asst. Professor, Dept of CSE welcomed the gathering. Ms. Chaitra B of final year CSE delivered the vote of thanks.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO

5	Technical talk on “Cyber Security and Ethical Hacking”	24-11-2023	Final Year and Second year Students of CSE, AIML	Mr. Shazin Shahul, Cyber Security Analyst in TechByHeart, Bengaluru	1,2,3,4,8,9 ,11,12	1,2,3



Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES and IEEE VCET Student Branch, VCET Puttur, had organized a technical talk on "Cyber Security and Ethical Hacking" on 24th November 2023 at, Sir M Visvesvaraya Hall, VCET Puttur. The resource person was Shazin Shahul, Cyber Security Analyst in TechByHeart, Bengaluruu.

The resource person defined about Security and explained the important terms regarding Ethical hacking. He also described the importance of Cyber Security and the benefits obtained by it to users. Initially ways of Ethical hacking was defined and later there was very good explanation and the methods to detect it was clearly explained. Clear cut benefits of using Cyber Security and how it could be beneficial to our society to avoid ethical hacking was also explained. The session was interesting and exciting to hear new technologies to use and restore the required information.

The master of ceremony was done by Shrinidhi of final year AIML and introduction of guest was done by Krithisha from final year CSE. Prof. Pramod Kumar P M, Asst. Professor, Dept of CSE welcomed the gathering. Ms. Chaitra B of final year CSE delivered the vote of thanks.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
6	Workshop on "GIT"	09-12-2023	Second year Students of CSE	Mr. Dwarakanath, Software Developer, Ovyo Tech Services	1,2,3,4,8,9 ,11,12	1,2,3

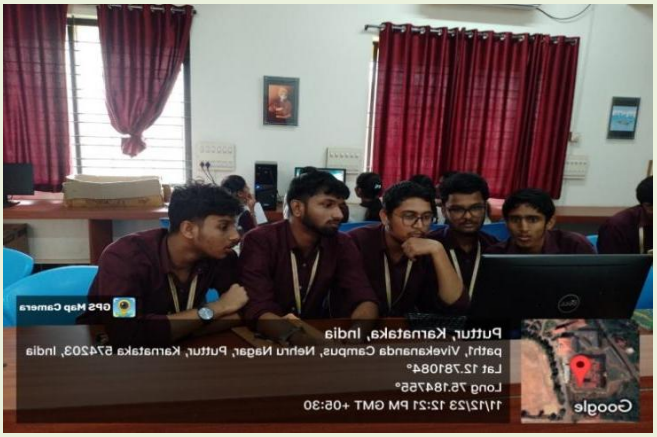
Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES, Alumni Cell and IEEE VCET Student Branch, VCET Puttur, had organized a technical talk on "GIT" on 9th December 2023 at DBMS Laboratory, VCET Puttur. The resource person was Mr. Dwarakaanath, 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.
In the session, the resource person defined about Git and explained the important terms regarding the Git like clone, repository, pull request, merge request etc,. He also described the importance of Git and the benefits of using it in the IT Sector.

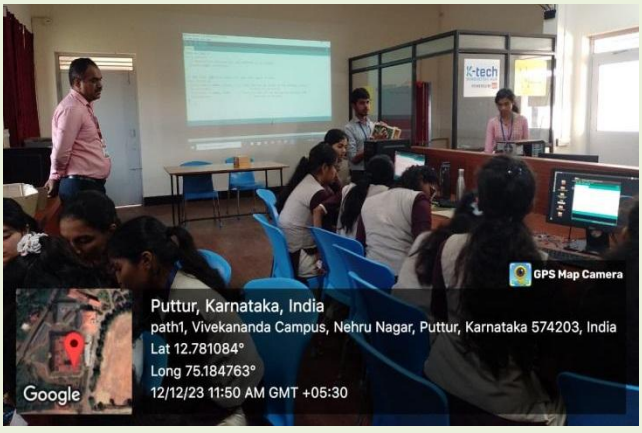
Later, in hands-on workshop, participants explored the fundamental concepts of Git, the industry-standard version control system. The Workshop gave clear idea from basic commands to advanced branching strategies. He explained how Git empowers teams to collaborate seamlessly on software projects. Key highlights of the workshop were Git Fundamentals, Collaborative Workflows, Conflict Resolution, Advanced Branching and many more.

The session was interesting and exciting to here new technologies to collaborate with the team in working environment.

The master of ceremony was done by Sarosh Naik of final year CSE and introduction of guest was done by Ms. Chaitra B of final year CSE. Prof. Pramod Kumar P M, Asst. Professor, Dept of CSE welcomed the gathering and delivered vote of thanks.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
7	Workshop on “ESP-32 and its Applications”	11-12-2023 To 14-12-2023	Second year Students of CSE	Students of IEEE VCET Student branch	1,2,3,4,8,9 ,11,12	1,2,3



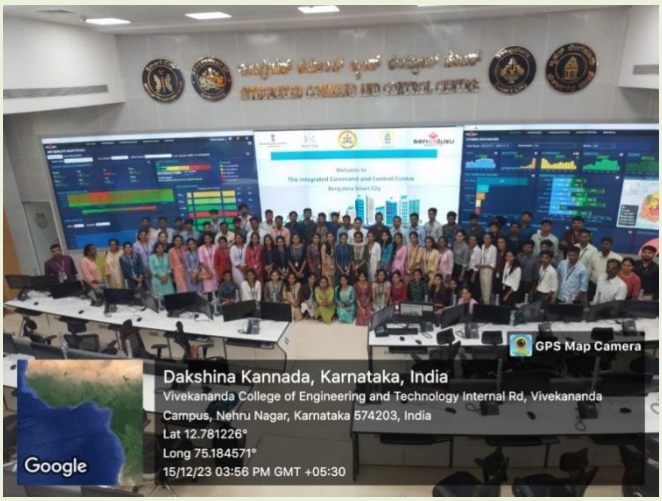


Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES, IcIOT Lab and IEEE VCET Student Branch, VCET Puttur, had organized a workshop on "ESP-32 and its applications" from 11th December to 14th December 2023 at IcIOT Laboratory, VCET Puttur.

Ms. Chaitra B, Ms. Mekhala Rao, Mr. Sarosh Naik, Ms. Niveetha B, Ms. Harshitha and Ms. Rajashree successfully conducted the sessions. Around 134 students of 2nd year CSE got benefited from this workshop. Students were divided into batches and training was given to them in batches so that they will be focused on hands on experience. The workshop mainly focused on real world applications of IoT with Arduino Uno micro controller. Dr. Uma Pare, Prof. Roopa G K, Prof. Savitha M, Prof. Mohan A R, Prof. Swapnalaxmi K, Prof. Deepthi M B, IOT coordinators of CSE department and Mr. Venkatesh, In Charge of ICIoT lab, VCET also coordinated with students. Students have learnt various experiments like LED glowing with switch, working of IR sensors etc.

The session was interesting and exciting to learn new technologies to collaborate with the team in working environment.
Prof. Roopa G K, Asst Professor & Coordinator of IcIOT, CSE welcomed the gathering and delivered vote of thanks.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
8	Industrial Visit	14-12-2023 To 18-12-2023	Final year Students of CSE	-	-	-



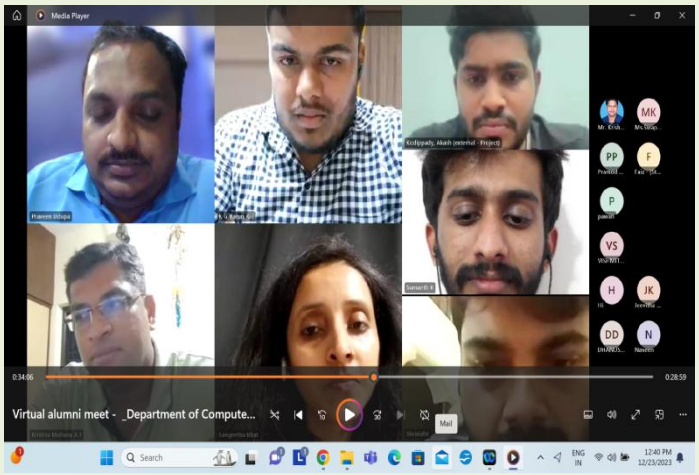
Industrial Visit was organized by Computer Science Department for 7th semester students. First day, that is on 15-12-23 students visited Bharat Electronics Limited, an Indian Government-owned aerospace and defense electronics company. It primarily manufactures advanced electronic products for ground and aerospace applications. The company visit was awesome and they learnt a lot regarding air missiles and different types of air equipments produced by the BEL Company. Industry experts explained the importance of Artificial Intelligence in the field of science and current trending world. Later in the afternoon students visited Bangalore Smart City. They explained us about their system and way of working and how they handle all the activities of the city. They showed some Real time dashboards prepared using power bi and other software tools which really helped us to understand the concept clearly.

Next Day that is on 16.12.23, we were allowed to visit HAL Museum. The museum itself is the most prominent attraction in the heritage center's premises. It is spread over an area of 4 acres and is India's first such establishment devoted entirely towards the aeronautical history .The first hall has the entire process of development and evolution of aeronautics, aviation and aerospace engineering and everything related to it in detailed charts starting from the 1940s. It displays the real, life-size models of old and new aircrafts, aero engines and other parts and their inner workings, some of which are very famous ones like Garret, Adour and Orpheus. The aircrafts models include fighter planes, jets, MIGs, helicopters and so on that have been till date used by the Indian defense.

Students were also given an opportunity to shop in the streets of Bangalore and they are allowed to play dry and water games in wonderla. Overall experience of industrial visit was good.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO

9	**Virtual Alumni meet**	**22-12-23**	**Alumni of CSE**	**-**	**-**	**-**



Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with Alumni Cell, VCET Puttur, had organized virtual Alumni meet on 22nd December 2023 through Microsoft Teams platform.

We all had a good interaction with our alumni batch. They recollected all memories of VCET. Being a student, and then transitioning to the corporate field, their experiences were shared during the meet.

Inputs By Our Alumni:

- Freshers lack analytical skills; they have to incorporate analytical skills.
- Students should go in depth in every subject.
- Be always positive and ready to learn new things.
- One should develop problem-solving ability and logical thinking.
- Learn programming languages from online tools available.
- The way or approach to solve the problem is important.

- Build confidence. This helps to present ideas.
- Submit papers at conference.
- Internships play an important role.
- Keep learning and updating.
- They all want offline Alumni Meet.
- Cloud-based technology, has the higher package.
- Research is required.
- We have to learn concepts as application-oriented
- Business Analyst, Program Management, Dev ops, Research other aspects of Software Engineering, other than coding.
- Thirst to learn more, is required for Engineers.
- Giving expert talks from alumni, regarding the subject as application-oriented.

Prof. Krishna Mohana A J,HoD, Dept of CSE welcomed the gathering and Prof. Pramod Kumar P M, Asst Prof, CSE delivered vote of thanks. Session was coordinated by Prof. Swapnalaxmi K, Coordinator, Alumni cell.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
10	Chathuram	01-03-24	Students of VCET	Prof. Prakash Kumar P, HoD, Department of CS, Vivekananda College, Puttur	-	-

IEEE
VCET Student Branch
VIVEKANANDA
COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
COLLABORATION WITH IEEE, VCET
PRESENTS
CHATHURAM
WHERE HUMAN INGENUITY MEETS BINARY BRILLIANCE
GAMES | TREASURE HUNT | SHARK TANK AND MORE EXCITING EVENTS
STARTS AT
09:30 AM
ONWARDS
FRIDAY
01
MARCH
VENUE
SRI RAMA SABHABHAVANA , VCET
HONOURABLE GUEST
PROF. PRAKASH KUMAR P
HOD,DEPARTMENT OF COMPUTER SCIENCE,VIVEKANANDA ARTS, COMMERCE AND SCIENCE (AUTONOMOUS) COLLEGE PUTTUR
SRI K. VISHWAS SHENOY
PRESIDENT
SRI T. S. SUBRAHMANYA BHAT
CORRESPONDENT
DR. MAHESH PRASANNA K
PRINCIPAL, VCET
DR. NISCHAYKUMAR HEGDE
HOD, CSE
PROF. PRAMOD KUMAR PM
COORDINATOR, ACES
ALL ARE CORDIALLY INVITED
MANAGEMENT | STAFF | STUDENTS

VIVEKANANDA

VIVEKANANDA
COLLEGE OF ENGINEERING AND TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING
CHATHURAM
SRI RAMA SABHABHAVANA, VCET

IEEE
VCET Student Branch
VIVEKANA
COMPUTER SCIENCE AND

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES and IEEE VCET Student Branch, VCET Puttur, had organized an event “Chathuram” which was held on March 1st, 2024. It was an incredible day filled with fun and excitement. The guest for the event is Prof. Prakash Kumar P, HoD, Department of Computer Science, Vivekananda College, Puttur, adding a touch of wisdom and knowledge to the event. The President of the function was Shri T S Subramanya Bhat, Correspondent, VCET Puttur. The principal Dr. Mahesh Prasanna K spoke about the various opportunity in the computer science field. Dr. Nischay Kumar Hegde, HOD, Department of Computer science and Engineering spoke about the scope of computer science.

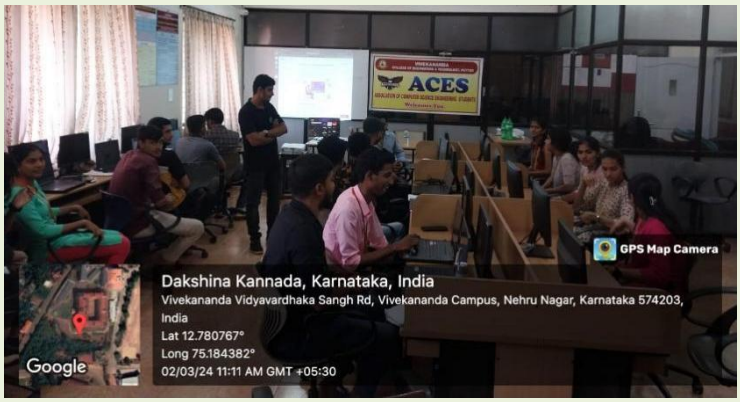
There were totally ten competitions in the Chathuram. The event was started at 9:00 am with Treasure hunt an exciting challenge of solving puzzles and following clues to uncover hidden treasures which had 84 teams. Awareness skit allowing participants to convey important messages through the art of acting had 4 teams, Dumb charades event with 23 teams, Shark tank competition, where the place to pitch the ideas to a panel of experts and investors had 4 participants, Technical Quiz with 29 teams, Code Debugger competition to showcase coding skills had 26 teams, Mad Ad had 5 teams, Games that are BGMI and Free Fire had 24 teams together, Technical talk had 7 participants and Reels making had 3 participants.

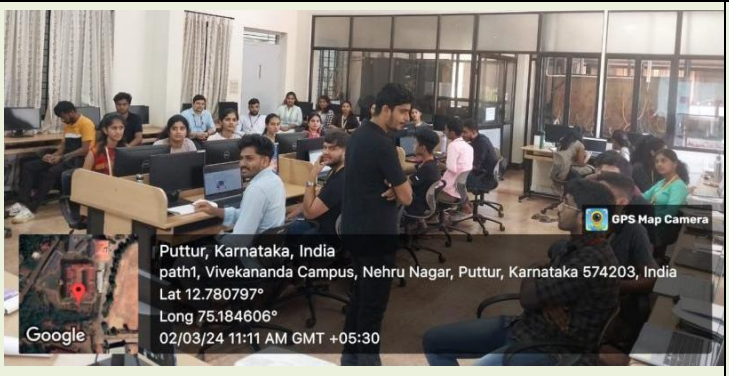
Chathuram was coordinated by more than 30 coordinators from 4th year and 3rd year CSE students where they undertook the responsibility of conducting various events in a discipline and making an event a grand success. Snacks was arranged at the end of formal function for 500 students and 100 staff.

The Event was winded up by prize distribution ceremony by complimenting the winners by certificates and prize money. Dr. Nischay Kumar Hegde HoD, CSE and Coordinator Prof. Pramod Kumar P.M distributed the prizes to winners. Final year student Hithaishi Shetty hosted the program. Chathuram was not just an event; it's a day to come together, laugh, learn, and create unforgettable memories. It's a celebration of friendship, fun, and fantastic activities to make this event truly special.

ACES Coordinator Prof. Pramod Kumar P.M took the responsibility of conducting the event in the college campus. Formal function was hosted by ACES student joint secretary Ms. Nithyashree. Ms. Vindyashree from final year introduced the guest to the gathering. ACES student president Mr. Lathesh N S welcomed the guest and all gatherings. ACES student secretary Mr. Shashank Rao P delivered the vote of thanks.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
11	Workshop on “Induction to ROKU”	02-03-24	Students of CSE	Mr. Dwarakanath, Software Developer, Ovyo Tech Services	1,2,3,4,8,9 ,11,12	1,2,3





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 session began with the expert explaining all about Roku. Speaker spoke about what Roku is and went through important terms like channels, screens, and remote controls. He explained why Roku is important and how it helps people enjoy streaming content. Then, everyone got hands-on experience with making Roku channels. Students have learnt how to create basic channels and add cool features to them.

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.

Overall, it was an interesting and exciting session where everyone got to learn about using Roku to make awesome streaming experiences.

The master of ceremony and introduction of guest was done by Mr. Pratham Ajeru of third year CSE. Dr. Nischay Kumar Hegde, Associate Professor & HoD, Dept of CSE welcomed the speaker and gathering. Pof. Pramod Kumar P M, Asst Professor, CSE delivered vote of thanks.

ACADEMIC YEAR 2023-2024						
SNo	**Activities**	**Date-Month-Year**	**Details of Participants**	**Details of Resource Person(s)/ Guest**	**PO**	**PSO**
12	**A Technical talk on "Tracing Recursive Programs"**	**10-06-2024**	**CSE students**	**Dr. Sunil Kumar B L Associate Professor & Head,CSE Department,Canara Engineering College,Mangalore**	**1,2,3,8,9, 10,11**	**1,2**

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.

The theme revolved around exploring advanced methodologies and best practices for effectively tracing and debugging recursive functions, aimed at enabling CSE students to gain deeper insights into execution flow and optimize recursive algorithms. It provided an insightful forum for attendees to enhance their understanding of tracing recursive programs, fostering a conducive learning environment for the targeted audience.The event featured interactive sessions, practical demonstrations, and case studies, allowing participants to apply theoretical concepts to real-world scenarios. Dr. Sunil Kumar B L shared valuable insights and expertise, guiding attendees through the complexities of tracing recursive programs with clarity and precision. Attendees engaged in discussions, exchanged ideas, and collaborated on tackling challenges related to recursive algorithm optimization.

Overall, the event proved to be a fruitful learning experience, empowering CSE students with invaluable knowledge and skills to excel in recursive programming and algorithmic design.

ACADEMIC YEAR 2023-2024						
SNo	**Activities**	**Date-Month-Year**	**Details of Participants**	**Details of Resource Person(s)/ Guest**	**PO**	**PSO**
13	Motivational talk on "Distraction Avoidance"	29 – 06 - 2024	**CSE students**	Ms. Rajeshwari Nejikar Psychologiest at Kateel Ashok Pai Memorial Institute,Manasa,Shimogga.	**1,2,3,8,9, 10,11**	**1,2**

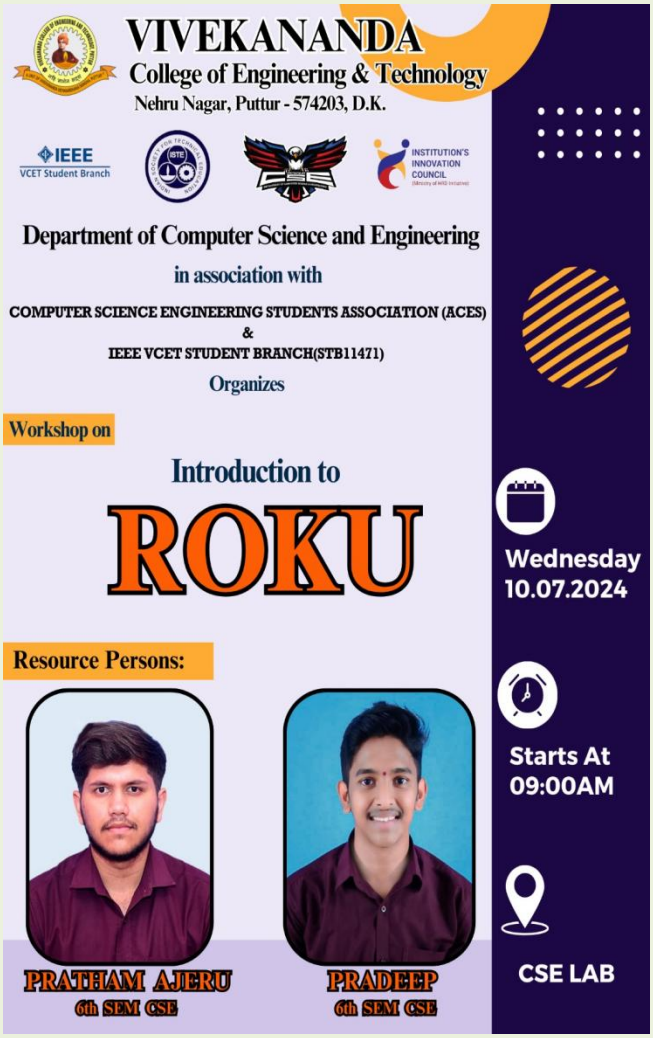
The session commenced with an inaugural function featuring Ms. Rajeshwari Nejikar, an esteemed expert in psychology and motivational speaking. Ms. Nejikar currently serves as a behavioral psychologist at MindMatters Consulting, specializing in enhancing personal and professional development through motivational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

The importance of understanding human motivation in achieving personal and organizational goals was highlighted, along with practical strategies for enhancing motivation in various contexts. Participants gained insights into how motivation impacts productivity, satisfaction, and overall well-being.The session also included interactive activities where participants applied motivational theories to real-life scenarios, fostering a deeper understanding of psychological principles in action. Strategies for overcoming motivational barriers and sustaining enthusiasm over time were explored, ensuring practical takeaways for all attendees.

Overall, the session proved to be enlightening and engaging, providing attendees with valuable knowledge and tools to apply motivational and psychological principles effectively in their endeavors. It was a transformative experience where participants gained a deeper understanding of motivation and psychology, empowering them to cultivate positive change in both personal and professional spheres.

ACADEMIC YEAR 2023-2024						
SNo	**Activities**	**Date-Month-Year**	**Details of Participants**	**Details of Resource Person(s)/ Guest**	**PO**	**PSO**
14	Workshop on "Introduction on ROKU"	10 – 07 - 2024	**CSE students**	Mr. Pratham Ajeru and Mr. Pradeep, 6th Sem CSE.	**1,2,3,4,8, 9,11,12**	**1,2,3**



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.

Later, the session delved into a comprehensive exploration of the Roku platform. Pradeep and Pratham elucidated the fundamental concepts of Roku, discussing its evolution, various models, and the wide range of content available on the platform. Key terms such as streaming, channel store, and screen mirroring were explained in detail with understandable examples and practical demonstrations, emphasizing their importance in enhancing the user experience.

In addition to Roku-specific topics, Pradeep and Pratham expanded the discussion to cover various related technologies and concepts. They provided valuable insights into broader technological trends and tools that complement the Roku platform. Their explanations went beyond Roku, offering a wider perspective on how modern streaming and media technologies intersect with other technological advancements.

The importance of understanding Roku's setup and usage in optimizing media consumption was highlighted, along with practical strategies for maximizing the device's potential in various contexts. Participants gained insights into how Roku impacts media consumption habits, accessibility to content, and overall entertainment experience.

The session also included interactive activities where participants applied their newfound knowledge about Roku and related technologies to real-life scenarios, fostering a deeper understanding of the platform's capabilities. Strategies for customizing the Roku experience and troubleshooting common issues were explored, ensuring practical takeaways for all attendees.

Pradeep and Pratham's friendly teaching style, combined with their use of understandable and practical examples, made it easy for everyone to grasp the points discussed, creating an engaging and inclusive learning environment. Additionally, they shared their experiences, some trending technologies, and information about valuable sources, further enriching the session.

Overall, 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.

SNo	Activities	Date-Month-Year	Details of Participants	Details of Resource Person(s)/ Guest	PO	PSO
15	Workshop on **"REACT NATIVE""**	13– 07 - 2024 and 14/07/2024	**CSE students(27 Students)**	MR. DWARAKANTH Software Developer Ovyo Tech Services	**1,2,3,4,8, 9,11,12**	**1,2,3**

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. With extensive experience in the field, Mr. Dwarakanath guided the participants through the intricacies of React Native development.

On Day 1 of the workshop, participants embarked on a foundational journey into React Native development and JavaScript programming. The day began with setting up the development environment necessary for React Native, ensuring each participant had the tools like Node.js, and VSCode installed on their personal PC. This hands-on setup fostered an interactive and practical learning environment from the outset. The session then delved into the basics of JavaScript, covering essential topics such as variables, data types, functions, and control structures. This foundational knowledge provided participants with a solid understanding of JavaScript, which serves as the backbone for React Native development.

Next, participants were introduced to React Native, where they explored its fundamental concepts and functions. Throughout the day, various tasks were assigned to participants to apply their newly acquired knowledge. These tasks included practical exercises like creating a to-do list screen using React Native. This hands-on approach not only reinforced theoretical concepts but also allowed participants to gain confidence in their ability to develop real-world mobile applications. The workshop emphasized active participation and practical learning, enabling students to engage deeply.

On Day 2 of the workshop, participants delved deeply into the critical aspect of navigation within React Native applications, highlighting its importance in creating intuitive and user-friendly mobile experiences. The day commenced with an intensive exploration of navigation techniques, where participants learned how to seamlessly transition between different screens and manage navigation flows effectively. This included implementing navigation stacks, tabs, and drawers, essential for organizing and structuring app content.

The hands-on session was particularly pivotal as participants applied their navigation skills to build a sample mobile application. They designed and developed multiple screens, including a robust home page and other functional components, focusing on fluid navigation transitions that enhance user engagement. Integrating various React Native libraries further enriched their applications with advanced navigation features and enhanced user interfaces. Throughout the session, emphasis was placed on debugging and testing strategies, ensuring the applications performed reliably on Android devices. This practical approach not only strengthened technical proficiency but also underscored the iterative nature of app development.

Overall, Day 2 underscored the significance of navigation in mobile app design using React Native, equipping participants with essential skills to create seamless and intuitive user experiences. By navigation techniques and implementing them in practical projects, participants gained invaluable insights into optimizing app usability and functionality, setting a strong foundation for future development endeavours.

The React Native workshop was a remarkable success, as it not only equipped students with creative skills in mobile application development but also fostered a deep sense of engagement and enthusiasm among participants. The feedback received was overwhelmingly positive, highlighting the workshop's effectiveness in imparting practical knowledge and skills. Students from the Computer Science and Engineering department actively participated, appreciating the interactive sessions led by Mr. Dwarakanath. His guidance and expertise played a pivotal role in making the workshop a valuable learning experience. By bringing their own Android phones and PCs, students were able to actively apply what they learned, ensuring a hands-on approach that solidified their understanding of React Native development.

ACADEMIC YEAR 2023-2024						
SNo	**Activities**	**Date-Month-Year**	**Details of Participants**	**Details of Resource Person(s)/ Guest**	**PO**	**PSO**
16	Workshop on “Robotic Process Automation"	19– 07 - 2024 to 23-07-2024	**CSE students(45)**	MR.LOHITH B Software Engineer Novogo Solutions	**1,2,3,4,8, 9,11,12**	**1,2,3**

VIVEKANANDA
College of Engineering & Technology
Nehru Nagar, Puttur - 574203, D.K.
IEEE
VCET Student Branch
INSTITUTION'S INNOVATION COUNCIL
Department of Computer Science and Engineering
in association with
COMPUTER SCIENCE ENGINEERING STUDENTS ASSOCIATION (ACES)
&
IEEE VCET STUDENT BRANCH(STB11471)
organizes
Workshop on
Robotic Process Automation (UiPath)
Resource Person
MR. LOHITH B
Software Engineer
Novigo Solutions
19 to 23 July 2024
9.00 AM
CAD Lab

GPS Map Camera
Puttur, Karnataka, India
Q5JM+MRH, Vivekananda Campus, Nehru Nagar, Puttur, Karnataka 574203, India
Lat 12.78174°
Long 75.184619°
23/07/24 11:24 AM GMT +05:30
Google

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. The master of ceremony and introduction of guest was done by Pradeep from CSE department.

Started with the beginning of an insightful journey into the world of Robotic Process Automation (RPA) with UiPath. Our esteemed resource person, Mr. Lohith B, shared his valuable expertise, providing us with a solid foundation and practical insights into RPA.A strong introduction to UiPath, its interface, and fundamental concepts. Participants learned how to automate simple tasks like notepad operations and basic UI interactions.

The session focused on automating email tasks, setting up birthday reminders, and fetching horoscope details using UiPath. Practical examples and hands-on activities helped solidify the concepts

Participants explored how to automate messaging on WhatsApp, interact with LinkedIn for data extraction and updates, and perform various Excel operations using UiPath.

The final day covered deploying automation workflows and adding triggers to initiate them. An exam was conducted to assess the participants' understanding, followed by guidance on enrolling in advanced courses for further learning.

ACADEMIC YEAR 2023-2024						
SNo	**Activities**	**Date-Month-Year**	**Details of Participants**	**Details of Resource Person(s)/ Guest**	**PO**	**PSO**
17	Kargil Vijay Diwas	26 – 07 - 2024	**CSE students(120)**	Lt. Col. S T Ramakanthan Retd)	**1,2,3,4,8, 9,11,12**	**1,2,3**

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. The event concluded with a vote of thanks, acknowledging the contributions of the chief guest and all participants. The program was a poignant tribute to the heroes of Kargil, leaving attendees with a heightened sense of national pride.