



Bits n' Bytes



take the lead



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

Volume 13

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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.



Alumni Talk on “Automation in Selenium JAVA”

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with Alumni Cell, VCET had organized Alumni Talk for the students of CSE, VCET Puttur in online mode through Microsoft teams platform on 12.11.2022 from 11.00 am to 12.30 pm. The speaker spoke about Automation testing that uses the specialized tools to automate the execution of manually designed test cases without any human intervention. Prof. Krishna Mohana A J, HOD, Department of CSE welcomed the gathering. Prof. Swapnalaxmi K, Assistant Professor, Dept.of CSE coordinated the event and delivered the vote of thanks. Ms. Dharithri , 7th Semester, Dept. of CSE was the master of the ceremony of the event.

Workshop on “Javascript”

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur in association with ACES, and Alumni Association in coordination with the ISTE Student chapter organized a ‘Workshop on JavaScript’ on 12th November 2022, at 9.30 AM. The session was conducted by Mr. Criston Mascarenhas, front end engineer. This session mainly focused on practical analysis of advanced JavaScript.

The objective of the workshop was to impress upon the students the need of developing a theoretically and practically sound curriculum with strong “Java Script” concepts. The aim of this workshop was to introduce the participants to Java Script and educate them about its versatility as a scripting language and its applications.





Technical Talk on “Artificial Intelligence: An illustration with Biometrics”

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES had organized a technical Talk on “Artificial Intelligence: An illustration with Biometrics” on 16/02/2023 at Sri Rama Sabha Bhavana, VCET, Puttur. Talk was given by Dr. Sharada S Bhat, Associate Professor, Government First Grade college, Ankola.

Dr. Sharada S Bhat started from the basic of AI and covered the topics as much as possible. She made students to think more on the emerging technologies. Past, Present and Future of AI was discussed. Real time examples were discussed much which made students to understand the concept better. She also narrated about biometrics and its usage in AI. The session was interactive and students answered the questions in an effective way. This workshop was coordinated by Mr. Pramod Kumar PM, and Dr. Uma Pare of Department of CSE. Ms. Sameeksha of 2nd year CSE welcomed the speaker and Dr. Uma Pare delivered vote of thanks.

Alumni Talk on “Generic Challenges at workplace”

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with Alumni Cell had organized a talk on “Generic Challenges at workplace” on 9/12/2022 at Sri Rama Sabha Bhavana, VCET, Puttur. Talk was given by Mr. Harshith Sajangadde, Consultant Infosys, Bengaluru who was alumna of VCET. This workshop was coordinated by Mr. Pramod Kumar PM, and Mrs. Swapnalaxmi K, Assistant Professor, Department of CSE. Prof. Krishna Mohana A J, HOD, Dept. of CSE welcomed the speaker and Ms. Dharithri delivered vote of thanks.



“ACES Inauguration & SIGN UP(Branch Entry)”

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur in association with ACES (Association of Computer Science Engineering Students) organized a ‘ACES Inauguration & SIGN UP (Branch Entry)’ on 12 Dec 2022, at 2.00 PM. The function started with invoking the almighty with a prayer by Miss Shruthi & Team. President of the program Ravikrishna D Kallaje, Director, VCET Governing Council inaugurated the function along with Prof. Krishna Mohana A J, HOD CSE, Prof. Pramod Kumar PM, Event Coordinator, Mr. Subheesh M, Student President and Miss. Bhavana M R, Student Secretary. Prof. Krishna Mohana A J welcomed the gathering. Vote of thanks was rendered by Mr. Subheesh M.

<p align="center">Staff Activity for the ODD Semester of the Academic Year 2022 – 23</p>	<p align="center">Student Activity for the ODD Semester of the Academic Year 2022 – 23</p>
<p align="center">STAFF ACHIEVEMENTS</p> <p>PAPER PUBLICATIONS/ PRESENTATIONS:</p> <p>Prof. Radhika Shetty D S , "Deep Learning Models in Medical Image Analysis", September 2022, IJSDR , Volume 7 Issue 9, ISSN: 2455-2631.</p> <p>Prof. Pramod Kumar P M, Prof. Krishna Mohana A J , "Arecanut Grading Model Using Convolution Neural Network", International Journal of Research Publication and Reviews, Vol 3, no 8, pp 1573-1575, August 2022</p> <p>Prof. Bharathi K , " An Optimized IoT-Enabled Big Data Analytics Architecture for Edge-Cloud Computing Using Deep Learning", International Journal of Science and Research (IJSR), Volume 11 Issue 9, September 2022</p> <p>Prof. Roopa G K , " A Data Mining based Model for Identifying of Spurious Behaviour in Water Utilization", International Journal of Scientific Research in Engineering and Management (IJSREM) Volume 06, Issue 09 September 2022 ISSN: 2582-3930</p> <p>Manjunatha Swamy, C, S. Meenakshi Sundaram, Lokesh, M. R (2023). Performance analysis of feature selection and classification in Big Data Information extraction. Saudi J Eng Technol,8(3):62-70.</p> <p>Manjunatha Swamy C*1, Dr.S.Meenakshi Sundaram2 , Dr.Lokesh M R(March 2023)" Multi Label Based Feature Classification Model In Bigdata Information Extraction" International Journal of Research in Engineering and Science (IJRES) ISSN (Online): 2320-9364, ISSN (Print): 2320-9356 www.ijres.org Volume 11 Issue 3 March 2023 PP. 271-279</p> <p>Manjunatha Swamy C ,Meenakshi Sundaram, Lokesh, M. R (2023, February 27). Enhanced Binary Bat Algorithm Based Feature Selection Model For Big Data Information Extraction.</p> <p>Lokesh M R, Rakshitha B V, Sibin Ravindran Swasthik K S(May - June - 2023)"Automatic Headlight Dimmer and Curve Lane Detection for Intelligent Transportation Systems" International Journal of Engineering Research and development volume 19, Issue 02 (May - June 2023) pp-14-22</p> <p align="center">STAFF ACTIVITIES</p> <p>FACULTY AS RESOURCE PERSON:</p> <ul style="list-style-type: none"> Dr. Jeevitha B K, Assoc. Professor, Department of CSE, was participated as Mentor for the project - Low Cost Hearing Aid, Special Track of IEEE YESIST12 2022 (Age of Innovation) Dr. Jeevitha B K, Assoc. Professor, Department of CSE, participated as Guest and invited speaker on empowering Women in Engineering on account of Women's day celebrations. Prof. Roopa G K, Asst. Professor, Department of CSE, participated as Judge for "Viveka Krisi Anveshana Project Exhibition" on February 09, 2023 which was held in conjunction with 5th Mega Krishi Yantra Mela-2-23 and Dream Home. <p>FDP PARTICIPATION:</p> <p>Prof. shwetha C H, participated in 5 Day AICTE-VTU Joint Teachers training Programme on "Robotics and Artificial Intelligence" conducted by Visvesvaraya Technological</p>	<p align="center">STUDENT ACHIEVEMENTS/ ACTIVITIES</p> <p>SPORTS/PAPER PRESENTATION/PARTICIPATION EVENTS:</p> <ul style="list-style-type: none"> Ms. Medini B Marathe of 3rd year CSE represented VTU in ball badminton(women) team in the all India inter university championship 2022-23. Ms. Vishmitha K Shetty and Mr. K G Varun Rai of 4th year CSE has participated in Mangalore Technology Conclave and IEEE day celebrations held at St. Joseph Engineering College, Mangaluru on October 2022. Ms. Rakshithaa N of 3rd year CSE has successfully completed campus ambassador Internship Program with NEO Foundation. Students of CSE participated in 3-days workshop on "Robotics and Embedded Systems" held at VCET Puttur in the month of May 2022 Mr. Dhanush Ghate, Mr. Ajay N, Mr. Yashwanth and Mr. Nikhil Athri S of 4th year CSE bagged first place in TECH-PRESENTIA-23 (Paper Presentation), held at Canara Engineering College, Bantwal on 02-05-2023 Mr. Dhanush Ghate, Mr. Ajay N, Mr. Yashwanth and Mr. Nikhil Athri S of 4th year CSE bagged 1st prize in in EMBERS 2023 (Project Exhibition) held at P A college of Engineering, Mangaluru on 08-05-2023 Miss Manjushree A, 2nd CSE bagged bronze medal in 10k race and Bronze medal in 21k Half Marathon in VTU Annual Athletic Meet held at VTU, Belagavi. Mr Ranjith Poojary VCET of 6th sem. C S bagged Silver medal in Javelin throw in VTU Annual Athletic Meet held at VTU, Belagavi. Miss Vidya C S of 4th sem. C S bagged Silver medal in 20k walk in VTU Annual Athletic Meet held at VTU, Belagavi. Rajashree K, Shravya M, Arpitha, Ananya D R, Chaitra B, Mekhala V Rao, Niveetha B of third year CSE, participated in FDP held at various places during the period September 2022-March 2023. Kaushik, Chethan, Deviprasad, Anish K participated in IFERP-Student Project Competition held on 17th April,2023 

University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) from 24th -28th April 2023

Prof. Bharathi K, Asst. Professor, Department of CSE was the Resource Person for the seminar titled "Information on Higher Studies and Job Opportunities after Diploma" on August 2022, organized by department of Computer Science and Engineering, Vivekananda Polytechnic, Puttur

Dr. Lokesh M R, Professor, Department of CSE, was Invited speaker on the Topic "State awareness in cyber physical system" organized by Kalpataru Institute Of Technology Five day online National Level Workshop scheduled on 02nd May to 6th May 2023.

Dr. Lokesh M R, Professor, Department of CSE, was Reviewer for IEEE International Conference on Advances in Electronics, Communication, computing and Intelligent Information system (ICAECIS-23)

Mrs. Bharathi K, Mr. Krishnamohana A J, Mrs. Roopa G K, Mr. K G Varun Rai and Mr. Devadatta Bhat received patent for the project "Safety alert device for Drowsy driving guide"

Dr. Jeevitha B K presented the dissertation titled "Data storage security and privacy in cloud computing" at IEEE International Conference for women in Innovation, Technology and Entrepreneurship (ICWITE)-2022) organized by IEEE Women in engineering Bengaluru Affinity group.

Dr. Lokesh M R, Professor and Dr. Jeevitha B K, Assoc. Professor, Prof. Pramod Kumar P M, Prof. Deepthi M B, Prof. Manohar Jha, Prof. Shrinidhi A, Prof. Savitha M, Department of CSE, participated in 5 days online National-Level Workshop on "DEEP LEARNING & ITS APPLICATION" at Kalpataru Institute of Technology, Tiptur from 6th to 10th March 2023.

Prof. Roopa G K, Prof. Swapnalaxmi K, Prof. Thapaswini P S, Prof. Deepthi M B, Prof. Priyanka M Y, participated in 5 Day FDP on "Recent Advancements in Machine Learning Algorithms and Applications" conducted by Department of CSE, NMIT, Bengaluru from 16th – 20th January 2023

Prof. Radhika Shetty D S, Prof. Bharathi K, Prof. Shwetha C H, Prof. Deepthi M B, Prof. Shrinidhi A, Prof. Savitha M, Prof. Priyanka M Y, participated in 5 Day AICTE-VTU Joint Teachers training Programme on "Introduction to Python Programming & its Applications" conducted by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur from 13th -17th March 2023

Prof. Bharathi K, participated in Participated in 5-days workshop on "Art of Research Paper Writing and IPR" - Level 2", organized by Sri Krishna Institute Of Technology -Bangalore from 20TH -24TH September 2022.

Prof. Swapnalaxmi K participated in 5 day FDP on "Research and Publication Ethics" conducted by Department of Management Studies(MBA), NMIT, Bengaluru from 16th -20th November 2022

Prof. Mohan A R, completed NPTEL course on "The Joy of Computing using Python" from Jul - Oct 2022

CULTURAL ACTIVITIES:

- Ms. Ananya D R of 3rd year CSE received Bronze medal in Classical solo of VTU FEST.
- Students of CSE also received Bronze medal in Group song (Indian) of VTU FEST.
- Sibin Ravindran of 4th year bagged 1st place in the event "Crack the password" and 2nd place in "Spell B" held at MITE, Moodabidri as a part of SENTIA 2022
- Mr. Chiral B L of 4th year bagged 1st place and Mr. Sumanth Sharma of 2nd year bagged 2nd place in the event "reels" held at MITE, Moodabidri as a part of SENTIA 2022
- Mr. Vivek K V of 2nd year bagged 1st place in the event "Persona(portrait)" held at MITE, Moodabidri as a part of SENTIA 2022
- Students of CSE also bagged second place in MIME show held at MITE, Moodabidri as a part of SENTIA 2022
- Mr. Ajay N, and Ms. Bhavana of 4th year bagged 2nd place in the event "Vagsamara" held at MITE, Moodabidri as a part of SENTIA 2022
- Ms. Hithaishi Shetty of 3rd year bagged 1st prize in Rangitaranga (face painting) held at SMVITM as a part of ANANTHOTSAVA
- Ms. Dharithri, Ms. Chaitra B, Ms. Shamitha N, Ms. Sharadhi K, Ms. Shrutha Jain, Ms. Prajna Shankari M N, and Ms. Shama bagged 2nd prize in Natya (group) held at SMVITM as a part of ANANTHOTSAVA
- Mr. Kaushik K S of 4th year bagged 1st prize in line coding held at AJIT, Magaluru as a part of AJ fest (Aakar)
- Mr. Kaushik K S and Mr. Swaroop patil of 4th year bagged 2nd prize in code war held at AJIT, Magaluru as a part of AJ fest (Aakar)
- Dharithri, Chaitra B, Shamitha, Sharadhi, Shrutha, shama, Prajna shankari bagged 1st prize in Eastern group dance held at AJIT, Magaluru as a part of AJ fest (Aakar)
- Mr. Dhanush and Ms. Disha bagged 1st prize in quick survey held at AJIT, Magaluru as a part of AJ fest (Aakar)
- Aneesh S Mayya, Vivek V, Sumanth Sharma N R, Pratham Ajeru got 2nd prize in MIME, Intercollegiate cultural, Technical and management fest, sentia-2023
- Shama and Dharithri got first prize in Eastern/Western Group Dance, Ananthotsava-2023