



# Bits n' Bytes

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



# take the lead

Volume 11

March 2022 – August 2022

## 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 “Artificial Intelligence and Deep Learning”

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur in association with ACES, in coordination with ISTE Student chapter and IEEE student chapter organized a Workshop on ‘Artificial Intelligence and Deep Learning’ on 17<sup>th</sup> March 2022 to 18<sup>th</sup> March 2022. Dr. Santosh Parttar, Assistant Professor, BMS Institute of technology, Bangalore was the resource person. The workshop was divided into two phases on both days. Sessions were Informative and students gained knowledge on AIDL through hands on experience.

## Workshop on “Demonstration of Social Relevant IoT Projects”

The department of Computer Science and Engineering in association with ACES in Co-Ordination with ICIoT LAB, VCET, Puttur conducted a program on “Demonstration of Social Relevant IoT Projects” on 27/04/2022 in ICIoT lab, VCET Puttur. Prof. Roopa G K, Prof. Bharathi K and Prof. Supriya A V, Assistant Professor, Department of CSE, VCET Puttur, and Prof. Abhishek Kumar K, Assistant Professor, Department of AIML, VCET Puttur were present for the



sessions.

They also received ideas through different projects that were demonstrated by Ms. Chinmayi Rai, Mr. Vikram Damle, Mr. Kiran K U, Ms. Jesmitha Thorus, Ms. Manasa K M and Mr. Sudharshan, Mr. Hruthik M R, Ms. Ambika Nayak N, Ms. K S Athmika Rai Mr. Krithik and Mr. Ashray B Shetty, Students of 8th sem CSE, VCET Puttur.



### Webinar on “Design Thinking”

IEEE VCET student chapter in association with the Department of Electronics and Communication Engineering and Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur, organized a webinar on “DESIGN THINKING” (Creative problem solving for developing impactful products, solutions and services to address community challenge) on 30 April 2022, Saturday from 3.00PM to 5.00 PM by Mr. Jayakrishnan Divakaran, VP Engineering, VNJ systems, Bangalore was the resource person.



### Workshop on “Robotics & Embedded Systems”

The Department of Electronics & Communication Engineering and Computer science engineering in association with ISTE and IEEE VCET student branch organized a three day Workshop on “Robotics and Embedded system” held on 27, 28 and 30th May 2022. The workshop was conducted by resource person Mr. Dhananjai Sharma, Software engineer, Cisco systems Inc., San Jose, California, USA.

The workshop started with inaugural function on 27<sup>th</sup> May 2022. Shri. Muralidhara Bhat B, Treasurer VCET Governing Council, Prof Shrikanth Rao S K, HOD ECE and prof. Krishna Mohana A J, HOD CSE were present at the occasion. prof. Pramod Kumar and prof. Naveen, were Event Coordinators. Jagrathi Nayak welcomed the gathering, Vishmitha Shetty introduced the resource person and K G Varun Rai delivered the vote of thanks. Disha Santhosh was the master of ceremony.



<p align="center"><b>Staff Activity for the EVEN Semester of the Academic Year 2021 – 22</b></p>	<p align="center"><b>Student Activity for the EVEN Semester of the Academic Year 2021 – 22</b></p>
<p align="center"><b>STAFF ACHIEVEMENTS</b></p> <p>○ <b>PAPER PUBLICATIONS/ PRESENTATIONS:</b>  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 align="center"><b>STAFF ACTIVITIES</b></p> <p>○ <b>FDP PARTICIPATION/ FACULTY AS RESOURCE PERSON:</b>  Dr. Jeevitha B K, Assoc. Professor, Department of CSE, participated as judge at National level paper presentation contest in Future Trends in ICCT and its Applications in IT, Management and Education on June 02, 2022.</p> <p>Dr. Jeevitha B K, Assoc. Professor, Department of CSE, participated as judge during I2CONNECT 2022( Industry Institute Conclave on Electronics, Computational and Communication Technologies), an Intercollegiate Project Exhibition and Competition held at NITK, Surathkal, India on June 18, 2022.</p> <p>Dr. Jeevitha B K, Assoc. Professor, Department of CSE, participated as judge to Stress Interview Competition on 19-08-2022 organized by Department of English as a part of GALA-2-22, an intra-mural Literery Fest.</p> <p>Prof. Bharathi K, Asst. Professor, Department of CSE was the Resource Person for the seminar title " Information on Higher Studies and Job Opportunities after Diploma" on August 2022, organized by department of Computer Science and Engineering , Vivekananda Polytechnic, Puttur</p> <p>Prof. Supriya A V, Asst. Professor, Department of CSE was the resource person of workshop "MS-Office" conducted on 08/04/2022, organized by Vivekananda School of Management Studies , Puttur.</p> <p>Prof. Priyanka M Yalagach participated in 4-days workshop on "Ramanujan's Contribution to Number Theory and its Applications", organized by Department of Basic Science, VCET, Puttur. from 03-06th August 2022 held at online platform.</p> <p align="center"><b>STUDENT ACHIEVEMENTS/ ACTIVITIES</b></p> <p>Mr. K G Varun Rai and Mr. Sathwik Wagle, Students of 3<sup>rd</sup> year</p>	<p>Prof. Swapnalaxmi.K and Prof. Priyanka M Yalagach participated in 4-days workshop on for participating in four days Online Faculty Development programme on "Ramanujan's Contribution to Number Theory and its Applications" organized from 03 to 06 August 2022, by the Department of Basic Science, VCET, Puttur, in association with the Vision Group on Science and Technology (VGST), Karnataka Science and Technology Promotion Society (KSTePS), Bengaluru.</p> <p>Prof. Radhika participated in 5-days workshop on "Academic Writing", organized by St Joseph Engineering College from 04-08th April 2022 .</p> <p>Dr. Jeevitha B K, Assoc. Professor, Department of CSE was the reviewer for IEEE ICDCECE-2022 which was held at Ballari Institute of Technology and Management, Ballari on 23rd and 24th April 2022.</p> <p>Dr. Jeevitha B K, Assoc. Professor, Department of CSE, participated in workshop in offline mode on "Artificial Intelligence and Deep Learning", organized in Department of Computer science and Engineering in association with ACES and ISTE Student chapter and IEEE student chapter on 17th and 18th Mrach 2022.</p> <p>Prof. Pramod Kumar PM participated in 5-days workshop on "Program on PERL SCRIPTING", organized by department of computer science and Engineering from 10-14th June 2022 held at Lords Institute of Engineering and Technology,Hyderabad.</p> <p>Prof. Bharathi K 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.</p> <p>Prof. roopa G K, Prof. Thapaswini P S, Prof. Supriya A V and Prof. Deepthi M B participated in One Week AICTE-VTU Joint Teachers Training Programme on "An Overview of Teaching Techniques in Data Science &amp; Analytics", organized by VTU Human Resource Development Centre (VTU-HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur from 25.04.2022 to 29.04.2022.</p> <p>Prof. Deepthi M B participated in One day "IEEE Conference Organizers Education Workshop (COEW-2022)" Jointly Organized by IEEE Bangalore Section (BS), IEEE Mysore Subsection (MYSS), IEEE Mangalore Subsection (MSS) and IEEE North Karnataka Subsection (NKSS) on 10th April 2022</p> <p>All faculties of CSE participated in Three-day FDP on "Mobile Application Development", organized by Department of Computer Science and Engineering, Vivekananda College of Engineering &amp; Technology, Puttur from 21.03.2022 to 23.03.2022.</p> <p>Deepika Y Bhat, Hemanth P G, Megha S N participated in two days online workshop on "SAMBHAV, e-National Level Awareness Programme" organized by Ministry for promoting</p>

<p>Computer Science and Engineering developed a web portal for calculating CGPA and SGPA of students under VTU.</p> <p>Mr. Keerthi G of 2<sup>nd</sup> year CSE developed a web portal for the students to get all VTU question papers and also to get information about college.</p> <p>Lohith R N of third year CSE got 4 Gold Medals in 100mtrs, 200mtrs, 4x100mtrs Relay and 4x400 mtrs Mixed Relay in VTU Inter Collegiate Athletic Meet 2021-22.</p> <p>RANJITH P V of 2<sup>nd</sup> year CSE received Bronze medal in Javelin Throw in VTU Inter Collegiate Athletic Meet 2021-22</p> <p>SHREEJA SHETTY of final year CSE received Best Performing ISTE Chapter Student Award – 2022</p> <p>Pradeep Kumar A successfully completed 5 NPTEL courses with elite score in each course.</p> <p>Kiran K U, Lipitha M B, Adithi S and Manoj K S participated in KSCST state level project exhibition held at VTU, Belagavi under the guidance of Prof. Radhika Shetty D S and received a grant of Rs. 4500 from KSCST.</p> <p>Adarsh, Advith shetty K, Amrutha B, Anish K, Anusha, Dhanyashree G H, Divyashree M V, Hemanth P G, J Swathi Kumari, K Samhitha, Kavyashree A, Lerin Tanya Pinto, Megha S N, Nikhil Athri, Pooja, Rashmitha, Seema K, Shravya D Shetty, Priyanka Prabhu, Prithviraj, Vijetha K M, Soujanya of 3<sup>rd</sup> year participated in one day workshop on "Udyami aagu, Udyoga needu (Be an Entrepreneur Become an Employer)" organized by Department of Industries and Commerce, Govt. of Karnataka</p> <p>Adithya M of 3<sup>rd</sup> year participated in 6-week online training on "Graphic Design, Machine Learning, Ethical Hacking and Data Science" offered by InternShala Trainings</p> <p>Akshay G D, Anish K, Chandan K S , Hemanth P G, K Samhitha, Kavyashree A, Shruthi C H, Yathika M, Thrisha Bhat, Sinchana Shetty, Shravya Shetty, Shravya M, Rakshithaa N participated in 30-days long online Bootcamp on "Web Designing &amp; Development" organized by Vikky_Media's</p> <p>Bhavana M R participated in 7-days long Bootcamp on "Basic Netflix Clone" organized by ShapeAI in collaboration with GDG Ranchi</p> <p>Anushree M participated in 6 total hours course of "Complete Python Programming from Scratch  Python Projects" organized by Udemy</p>	<p>Entrepreneurship</p> <p>Dhanush Ghate D participated in online course "Android Application Development" organized by Great Learning Academy</p> <p>Dhanya Madev participated in 30 total hours course of "The Complete Oracle SQL Bootcamp (2022)" organized by Udemy</p> <p>Fathimath Musfica and Ganavi M, K Samhitha, shodhan Rai J D, Shruthi C H, Rajashree, Rakshithaa N participated in "6th National Engineering Olympiad"</p> <p>Fathimath Shamna completed online course "Front end Development - HTML" organized by Great Learning Academy</p> <p>Hemanth P G participated in "How to Get Internships &amp; 75% Scholarships on Microsoft &amp; Google Certifications with Free Ethical Hacking Training" organized by Knowledge Solutions India</p> <p>Jahnvi completed 61.5 total hours course of "Learn JAVA Programming-Beginner to Master" organized by Udemy</p> <p>K J Yashavantha completed a 8-week online training on "Ethical Hacking" offered by InternShala Trainings</p> <p>Kethan S T completed a 3.5 total hours course of "Build a Web Page with HTML, CSS and JavaScript from Scratch" organized by Udemy</p> <p>Likhitha P K completed an online course "Introduction to Artificial Intelligence" organized by Great Learning Academy</p> <p>Sangeetha completed online course "Python for Machine Learning" organized by Great Learning Academy</p> <p>Shravya B C completed online course "Java Certification Course" offered by SkillUP</p> <p>Shruthi C H, Yashavanth participated in "Cohort of Entrepreneurial Mindset and Young Leadership Program" organized by InUnity in association with Global Iliance for Mass Entrepreneurship and CII, Mangalore</p> <p>Shravya M of 2<sup>nd</sup> year CSE participated in "Sahyadri Whiz Quiz - 2021" organized by Sahyadri College of Engineering &amp; Management, Mangalore</p> <p>Yashavanth received Recognition of Outstanding in the "Design Challenge" conducted as part of the Talent Selection Bootcamp organized by InUnity in association with Shine Foundation and CII, Mangalore</p>
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