



# Bits n' Bytes

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



# take the lead

Volume 10

August 2021 – February 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.

CSE Premier League-2021



Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Computer Science and Engineering Students, had organized cricket and lagori tournament for CSE and AI faculties and students on 5<sup>th</sup> December 2021.

The main objective of this session was to build rapport between faculty and students. Four teams namely Debug Thugs, Ether Bots, Bit Lords and Bug Squashers participated in tournament.

Prof. Krishna Mohan A J, Head, Department of CSE, and Dr. Govind raj, Head, Department of AI, Vivekananda College of Engineering and Technology, inaugurated the event. Bug Squashers won first prize and Bit Lords bagged second prize in cricket and lagori tournament.

Industrial Visit

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Computer Science and Engineering Students and ISTE Students Chapter organized industrial visit to BSNL REGIONAL TELECOM TRAINING CENTRE (RTTC), MYSORE. The main objective of the event was to provide an exposure to students about practical working environment. Regional Telecom Training Centre Mysuru is premier training institute of BSNL, widely recognized as high-end training organization in providing industry relevant training to students, working professionals and corporate houses.





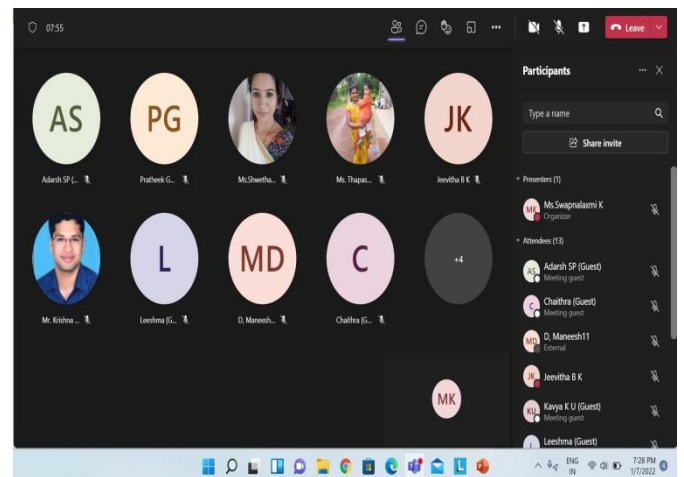
## IoT Workshop on “ESP-32 and its Applications”

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Computer Science and Engineering Students and ICIoT LAB, VCET organized a workshop on “ESP-32 and its applications” from 28/12/2021 to 01/01/2022 in ICIoT lab, VCET Puttur. Prof. Nithin Kurup, Prof. Sandesh Karanth, Prof. Roopa G K, Prof. Bharathi K and Prof. Supriya A V, Assistant Professor, Department of CSE, VCET Puttur were the resource persons for the sessions. Around 114 students of 2<sup>nd</sup> year CSE got benefitted from this workshop.

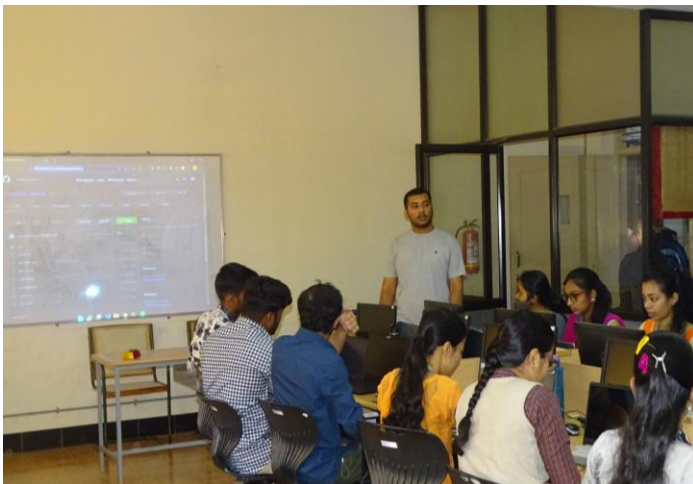
## Virtual Alumni Meet

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Alumni Association, VCET organized a virtual alumni meet from 07-01-2022 to 16-01-2022. Around 151 alumni of VCET-CSE participated in this event and shared valuable inputs for the betterment of Department and institution. 6 sessions were conducted according to passed out years (2005-2020). Alumni interaction was good and they shared memorable moments of their college life too.

Prof. Krishnamohana A J, HoD, Department of CSE welcomed the gathering and gave brief introduction about the college facilities of present day. Prof. Swapnalaxmi K, Alumni cell coordinator, Department of CSE delivered vote of thanks and coordinated the event.



## Workshop on “JAVASCRIPT”



Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Computer Science and Engineering Students, Alumni Association, ISTE Students Chapter and IEEE Student Chapter had organized one-day workshop on “Javascript” for the 5<sup>th</sup> semester students at A106 Lab on 29-01-2022. This session mainly focused on practical analysis of javascript.

Around 23 students took part in workshop to learn some basics on JavaScript. Prof. Krishnamohana A J, HoD, Department of CSE welcomed the gathering and K G Varun Rai, 5<sup>th</sup> sem CSE introduced the resource person to the audience. Prof. Pramod Kumar P M delivered vote of thanks.



## Workshop on Web Development

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Computer Science and Engineering Students, Alumni Association, ISTE Students Chapter and IEEE Student Chapter had organized one-day workshop on “**Web dev**” for the 3<sup>rd</sup> semester students at Sri Rama Sabha Bhavana on 01-02-2022. This session was conducted by the students of CSE-VCET Puttur, Mr. Vikram Damle and Mr. K G Varun Rai. It mainly focused on the basics of web development.

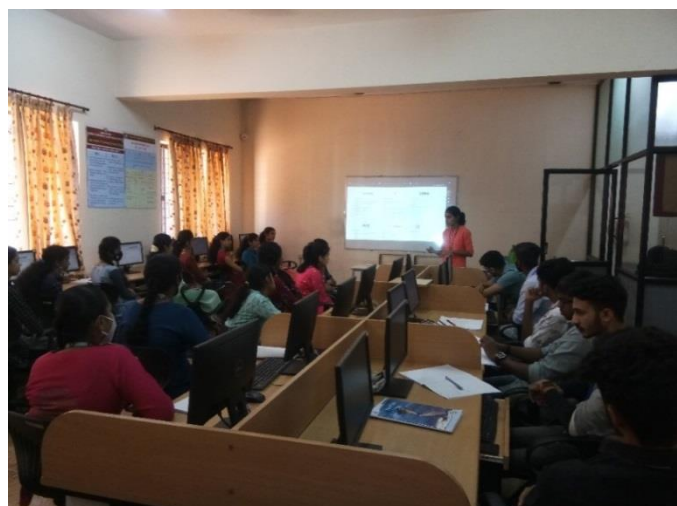
Around 114 students took part in workshop to learn some basics of web development which includes html, css, front end and backend of website, how to develop a simple webpage etc.



## Workshop on Python Programming

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Computer Science and Engineering Students, Alumni Association, ISTE Students Chapter and IEEE Student Chapter had organized one-day workshop on “**Python Programming**” for the 3<sup>rd</sup> semester students at Sri Rama Sabha Bhavana on 05-02-2022. The main objective of the session was to give a brief introduction about the basics of Python language and github.

Around 30 students took part in workshop to learn some basics on Python programming by the speakers Mr. Sumanth K and Ms. Praneetha Rai. They have taken the session on python and he focused mainly on the basic knowledge of language python.



## Workshop for VEMS 10th Standard Students

Vivekananda College of Engineering and Technology in association with VCET IEEE student branch conducted an activity workshop from 7<sup>th</sup> February to 10<sup>th</sup> February 2022. The aim of the workshop is to know the importance of science and to guide the students to take up Science after SSLC. Around 240 10<sup>th</sup> standard students of Vivekananda English Medium School (VEMS), Tenkila participated in the event. Various sessions were conducted by faculty members and the students of various departments of VCET. From the department of CSE, Prof. Roopa G K, Prof. Bhanupriya M P, Prof. Thapaswini P S, and Mr. K G Varun Rai were the resource persons of Quiz, Memory games and web designing.

Dr. Jeevitha B.K and Prof. Swapnalaxmi K were the coordinators of the event.



<p align="center"><b>Staff Activity for the ODD Semester of the Academic Year 2021 – 22</b></p>	<p align="center"><b>Student Activity for the ODD Semester of the Academic Year 2021 – 22</b></p>
<p align="center"><b>STAFF ACHIEVEMENTS</b></p> <p>○ <b>PAPER PUBLICATIONS/ PRESENTATIONS:</b></p> <p>[1] Prof. Krishnamohana A J, “Advanced Traffic Management System and Control of Street Light”, IJRPR-02/09/2021, Volume 2, Issue 9,2021</p> <p>[1] Radhika Shetty D S,”Travelmate Robot: Smart Touchless Trolley”, International Journal of Research in Engineering, Science and Management Volume 4, Issue 8, August 2021</p> <p>[2] Radhika Shetty D S, Roopa G K,”Energy efficient Secure multipath routing scheme with packet delivery ratio for wireless sensor network”,International journal for Scientific Research &amp; Development,Volume 9, Issue 6, August 2021</p> <p>[3] Bharathi K, Radhika Shetty D S,”Offline Signature Verification System using Machine Learning Technique”, International journal for Scientific Research &amp; Development,Volume 9, Issue 6, August 2021</p> <p>[4] Roopa G K, Bharathi K “Pollution parameter analysis and predictive model building International journal for Scientific Research &amp; Development,Volume 9, Issue 6, August 2021</p> <p>[5] Thapaswini P S, Predicting the Course Knowledge Level of Students using Data Mining Techniques, Volume 10 Issue 8, August 2021 in International Journal of Science and Research (IJSR)</p> <p align="center"><b>STAFF ACTIVITIES</b></p> <p>○ <b>FDP PARTICIPATION/ FACULTY AS RESOURCE PERSON:</b></p> <p>[1] Prof. Roopa G K participated in 5-days workshop on “Inculcating Universal Human Values in Technical Education”, organized by All India Council for Technical Education(AICTE) from 16-20th August 2021.</p> <p>[2] Prof. Radhika Shetty D S participated in 5-days workshop on “Inculcating Universal Human Values in Technical Education”, organized by All India Council for Technical Education(AICTE) from 16-20th August 2021.</p> <p>[3] Prof. Bharathi K participated in 5-days workshop on “Inculcating Universal Human Values in Technical Education”, organized by All India Council for Technical Education(AICTE) from 16-20th August 2021.</p> <p>[4] Prof. Swapnalaxmi K participated in an Online FDP on “Research Methodology”, conducted by Nitte Meenakshi Institute of Technology, from 02.12.21 to 05.12.21</p> <p>[5] Prof. Sandesh Karanth P K participated in a workshop “Outcome based Education: A paradigm for assessment &amp; Accreditation” from 24 – 28 August,2021</p> <p>[6] Prof. Shwetha C H participated in a workshop “Outcome based Education: A paradigm for assessment &amp; Accreditation” from 24 – 28 August,2021</p> <p>[7] Prof. Swapnalaxmi K participated in 5-days workshop on “Inculcating Universal Human Values in Technical Education”, organized by All India Council for Technical Education(AICTE) from 13-17th September 2021.</p>	<p>[8] Prof. Bhanupriya M P participated in 5 days online FDP on " Inculcating Universal Human values in Technical Education" organized by AICTE from 14th June to 18th June 2021.</p> <p>[9] Prof. Bhanupriya M P participated in 5 days online PART -1 FDP on " Online UHV refresher 1" organized by AICTE from 30th August to 3rd September 2021.</p> <p>[10] Prof. Deepthi M B participated in 5 days online FDP on " Inculcating Universal Human values in Technical Education" organized by AICTE from 13-09-2021 to 17-09-2021</p> <p>[11] Prof. Shwetha C H participated in “Outcome Based Education: A paradigm for Assessment and Accreditation” conducted by Swami Keshavananada Institute of Technology, Management and Gramothan, JAIPUR from 24-08-2021 to 28-08-2021.</p> <p>[12] Prof. Thapaswini P S participated in 5 days online FDP on " Inculcating Universal Human values in Technical Education" organized by AICTE from 13-09-2021 to 17-09-2021</p> <p>[13] Prof. Bhanupriya M P and Prof. Thapaswini P S have completed NPTEL course on Python and Objected Oriented Analysis and Design respectively.</p> <p>[14] All faculties of CSE have participated in Three days FDP on “Importance of NAAC in Engineering Colleges” held at VCET, Puttur.</p> <ul style="list-style-type: none"> <li>• Student Project entitled “Automatic Detection of Dengue fever with Platelets Count using Image Processing and Machine Learning” guided by Prof. Roopa G K, was selected for KSCST-Faculty Project Programme(FPP)- 2021.</li> </ul> <p align="center"><b>STUDENT ACHIEVEMENTS/ ACTIVITIES</b></p> <p>[1] Mr. Lohith R N of 5<sup>th</sup> semester participated in VTU selection trials for men held at VTU Belagavi on 22<sup>nd</sup> December to 23<sup>rd</sup> December,2021 and bagged first place in 100mtrs running race and second place in 200mtrs running race.</p> <p>[2] Mr. Lohith R N of 5<sup>th</sup> semester Represented VTU in 81st All India Inter University athletics meet-2022 held at Alvas College, Moodabidre on 7<sup>th</sup> January 7 to 9<sup>th</sup> January, 2022</p> <p>[1] Ms. Jesmitha Thoras of fourth year CSE has received certificate of completion on “SQL Bootcamp with MySQL, Python and PHP” from Udemy-Creative online school conducted from 28<sup>th</sup> November 2021 to 3<sup>rd</sup> December 2021.</p> <p>[2] Ms. Manasa K M of fourth year CSE has received certificate of completion on “Introduction to IoT” from GreatLearning during October 2021.</p>