Newsletter

Bits n' Bytes

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VIVEKANANDA

COLLEGE OF ENGINEERING & TECHNOLOGY

take the lead

Volume 9 | **July 2020 – July 2021**

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.

ANANYA-Orientation Session

The Department of Computer Science in association with ANANYA hosted an introductory online webinar for the students of CSE on 27-08-2020. Resource person Ms. Mahalakshmi Parthasarathy, Managing Trustee, ANANYA gave a brief introduction about ANANYA foundation and about the sessions that are going to be hosted by ANANYA for the students of VCET.

ACCELERATE-The Startup Talk

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur in association with ACES and Indian Society for Technical Education (ISTE) had organized one day workshop on "ACCELERATE - The startup Talk" which was conducted successfully with the active participation of Students on 25th September 2020. The objective of this session is to encourage, guide and motivate the students on entrepreneurship. Speaker Amarnath Sankar, Founder CEO at CAT Entertainments said about his startup and how he started his own enterprise.

SANKALP- Student peer learning initiative through Slack

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur, organized an Introductory Online Webinar on 'SANKALP'- Student peer learning initiative through Slack on 10th October 2020. The session was conducted by the administrative members of the team, i.e, Sumanth K, Praneetha Rai, Yashaswi A, Shreeja Shetty, and Chaitra Salian B U. Resource Persons explained working procedure of the team, opportunities with the team, resources they provide, events organized by the team, and sessions conducted by them.

Alumni Talk- "Insurance Australia"

Department of Computer Science and Engineering, Vivekananda College of Engineering and Technology, Puttur had organized an interactive webinar "Insurance Australia" with Ms. Seema Burde, Test analyst, Infosys, Mysuru on 17/10/2020 at 3.30 PM through Microsoft Teams platform. The main aim of the webinar is to get an overview of company projects. Ms. Seema Burde mainly focused on how insurance policy works in Australia and How to develop the project based on clients' requirement.

Alumni Talk-Connecting Curriculum with Industry-Microservices

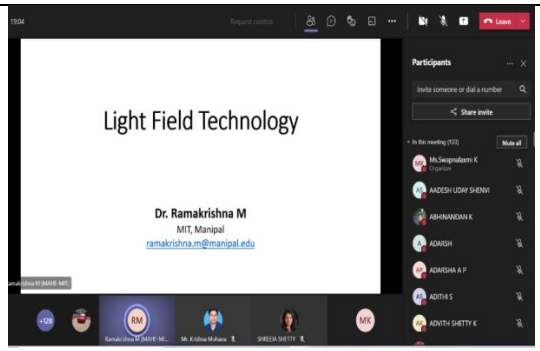
The Department of Computer Science and Engineering, Vivekananda College of Engineering& Technology, Puttur in association with Alumni Cell, organized an Online Webinar on 'Connecting Curriculum with Industry-Microservices' on 28th November 2020. The session was conducted by the Alumni of VCET-CSE, Ms. Sangeetha Bhat, Software Developer,Mateco GmbH,Stuttgart, Germany through Microsoft Teams. This session mainly focused on Microservices.

International Women's Day-Special Event

The Girl Script Foundation in association with the Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur and ACES jointly organized 'GS Impact Workshop' on occasion of International Women's day on 7th March 2021.. The session was conducted by Ms. Meghana Thara Kini, Assistant System Engineer of TCS, Bengaluru and Mr. Criston Mascarenhas, Software Engineer of GlobalLogic, Bengaluru through Microsoft Teams. This session mainly focused on improving technical skills of the women.

Alumni Talk- Light Field Technology

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur in association with ACES organized an Online Webinar on 'Light Field Technology' on 15th May 2021, at 2:00 PM. The session was conducted by Dr. Ramakrishna M, Assistant Professor-Senior Scale, MIT, Manipal through Microsoft Teams.



Alumni Talk- Current Trend In IT For Mobile And Web App

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur, organized an Alumni Online Webinar on '**Current Trend In IT For Mobile And Web App'** on 05th June 2021, at 2:00 PM. The session was conducted by the Alumni of VCET, Mr. Anwesh K, Senior Software Engineer, Visteon Bangalore, and Mr. Shikshan Chandrashekhar, Software Developer, Global Delight Technologies Pvt Ltd Robosoft Group, Udupi. Guests of the session began the discussion by asking difference between websites and web apps and also importance of various programming languages.

Alumni Talk- Tips to crack campus placement

The Department of Computer Science and Engineering, Vivekananda College of Engineering, Puttur in association with ACES organized an Online Session on 'Tips to crack campus placement' on 12th September 2021. The session was conducted by Ms.Vaishnavi, Assistant System Engineer Trainee TCS through Microsoft Teams. This session mainly focused on tips for cracking campus placements, Resume writing, Industries, interview procedure and how to prepare for particular company.

Staff/Student Activity for the Academic Year 2020 – 2021

STAFF ACHIEVEMENTS

PAPER PUBLICATIONS/ PRESENTATIONS:

[1] Dr. Sreekantha Desai Karanam, Shashank Shetty, Nithin Kurup U G, "Fog Computing Applicationfor Biometric-Based Secure Access to Healthcare Data" , Fog Computing for Healthcare 4.0 Environment -Springer International Publishing-2021-page-355-383 (Scopus Indexed)

[2] Shwetha C H, "*Different Approach to Software Testing Techniques*", IJSRD - International Journal for Scientific Research & Development| Vol. 8, Issue 9, 2020 | ISSN (online): 2321-0613

[3] Thapaswini P S, Image Deblurring Algorithm using Accelerated Gradient Method, Volume 9 Issue6,August 2021,International Journal for Scientific Research and Development (IJSRD).

[4] Sandesh Karanth, Rice Grain Quality Grading and Classification Using Random Forest Classifier - International Journal for Scientific Research and Development (IJSRD).

[5] Vandana, B. S., and Sathyavathi R. Alva. "Deep Learning Based Automated tool for cancer diagnosis from bone histopathology images." *2021 International Conference on Intelligent Technologies (CONIT)*. IEEE, 2021.

[6] Pramod Kumar PM, Krishna Mohana AJ, "Advanced Traffic Management System and Control of Street Light ", International Journal of Research Publication and Reviews Vol (2) Issue (9) (2021) Page 67-70

FDP PARTCIPATION/ FACULTY AS RESOURCE PERSON

[1] Dr. Harivinod N, Assoc. Professor, Department of CSE was a resource person in AICTE Sponsored 6 days online STTP Phase III on "Design of Knowledge based Systems using Atrificial Intelligence and Machine Learning Models", in the context of agriculture and food products from 12th to 17th October 2020 organized by department of Computer Science and Engineering , Manipal Instutute of Technology, Manipal

[2] Prof. Roopa G K and Prof. Bhanupriya M P, Assistant Professors, Department of CSE, VCET Puttur conducted Online workshop on "Microsoft Excel for Business" for second year MBA students, Vivekananda School of Management Studies, a unit of VCET, Putur on 24/12/2020 through Microsoft Teams platform.

[3] Prof. Roopa G K and Prof. Bhanupriya M P, Assistant Professors, Department of CSE, VCET Puttur conducted a workshop on "Microsoft Word and Excel for Business" for first year MBA students, Vivekananda School of Management Studies, a unit of VCET, Putur on 01/04/2021 at VCET, Puttur.

[4] Prof. Roopa G K, Prof. Bharathi K, Prof. Savitha M conducted 10 days hands on workshop on "Artificial Intelligence and Robotics" for high school students from 08/03/2021-19/03/2021 at Vivekananda English Medium School, Tenkila, Puttur.

[5] Prof. Bhanupriya M P participated in Online Workshop on "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative) ", AICTE from 14-06-2021 to 18-06-2021.

[6] Prof. Deepthi M B participated in a workshop "Mobile Application Development", conducted by A. J. Institute of Engineering & Technology from 14-06-2021 to 18-06-2021

Staff/ Student Activity for the Academic Year 2020 – 21

STAFF ACHIEVEMENTS

PATENT

Prof. Prabhakara B K, received Patent on "System for hardware acceleration for embedded flash memory based on machine learning" Publication Number 19/2021 Publication Date 07/05/2021 http://ipindia.nic.in/index.htm

STUDENT ACHIEVEMENTS/ ACTIVITIES

[1] Ms. Jesmitha Thoras and Manasa K M of third year CSE have participated in "Debug your Lockdown -Hack 2020" an online coding competition organized by ISTE-Karnataka Section held from 7-9th May 2020 and "Hackathon Series-2" from 8th to 13th June 2020.

[2] Ms. Jesmitha Thoras of third year CSE ha completed courses on Java, Python from Progate during learning weekend in the month of June 2020 and July 2020.

[3] Ms. Jesmitha Thoras of third year CSE has received Hacker Rank certificate for clearing the assessment skill on SQL(Basic) and SQL(Intermediate).

[4] Ms. Manasa K M has attended 5-day skill development program on "Mobile Application Development" held at A J Institute of Technology, Mangaluru from 14th June 2021 to 18th June 2021.

[5] Ms. Manasa K M of third year CSE has received certificate of completion on "Java Programming" and "Introduction to Programming" from GreatLearning during July 2020.

[6] Ms. Manasa K M of third year CSE has completed a course on "Programming with Python" from 9th September 2020 to 24th September 2020 conducted by TECHX-In Route to Spread Knowledge.

[7] Ms. Manasa K M of third year CSE has accepted and completed a challenge on "Command Line and Git" conducted by GIT Learning Challenge in the month of July 2020.

[8] Ms. Chinmayi Rai of third year CSE has completed the courses "Programming for Everybody" and "Python Data Structures" from coursera-University og Michigan during June 2020.

"Do not dwell in the past, do not dream of the future, concentrate the mind on the present moment"

-Buddha