



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to API Abdul Kalam Technological University



**NEWS
LETTER**

Jan.-June 2022

Vol : 14

Issue : 2

VOICE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

INSTITUTE VISION

“Moulding Professionals par Excellence with Integrity, Fairness and Human Values”.

INSTITUTE MISSION

1. We commit to develop the institution as a Center of Excellence of International Standards
2. We guide our students in the attainment of intellectual and professional competence for successfully coping with the rapid advancements in technologies and the ever changing world of business, industry and services
3. We help each and every student in their personal growth into mature and responsible individuals
4. We strive to cultivate a sense of social and civic responsibility in our students, thus empowering them to serve humanity.
5. We promise to ensure a free environment where quest for the truth is encouraged

DEPARTMENT VISION

“Moulding socially responsible and professionally competent Computer Engineers to adapt to the dynamic technological landscape.”

DEPARTMENT MISSION

- ⇒ Foster the principles and practices of computer science to empower life-long learning and build careers in software and hardware development.
- ⇒ Impart value education to elevate students to be successful, ethical and effective problem-solvers to serve the needs of the industry, government, society and the scientific community.

- ⇒ Promote industry interaction to pursue new technologies in Computer Science and provide excellent infrastructure to engage faculty and students in scholarly research activities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

The program educational objectives (PEO) of the Department of Computer Science and Engineering are to develop graduates who possess:

- ☑ The creative and critical reasoning skills to solve technical problems ethically and responsibly to serve the society.
- ☑ The competency to collaborate as a team member and team leader to address social, technical and engineering challenges.
- ☑ Ability to contribute to the development of the next generation of information technology either through innovative research or through practice in a corporate setting.
- ☑ Potential to build start-up companies with the foundations, knowledge and experience they acquired from undergraduate education.

PROGRAM SPECIFIC OUTCOMES (PSO)

The Program Specific Outcomes of the Department of Computer Science and Engineering are :

- ⇒ Ability to integrate theory and practice to construct software systems of varying complexity.
- ⇒ Able to Apply Computer Science skills, tools and mathematical techniques to analyze, design and model complex systems.
- ⇒ Ability to design and manage small-scale projects to develop a career in a related industry

PRINCIPAL'S MESSAGE:



The second issue of Newsletter "VOICE" for the academic year 2021-2022 pertains to the exemplary achievements of the Computer Science and Engineering department of Viswajyothi College of Engineering and Technology. It is clear that the department is striving hard to set an example in this institution

by supplementing various activities apart from the curriculum. The department has been passionate in providing opportunities for developing the technical and professional skills of the students. This newsletter reveals the dynamism, team spirit that persists in the department. Let this be a motivation for the future generations. Wishing you all the best

Dr.K.K.Rajan

HOD'S MESSAGE



Department of Computer Science and Engineering is committed to develop Engineers with a rich blend of competent, technical, managerial and social skills. VOICE, the department newsletter of Department of Computer Science and Engineering showcases the events and accomplishments in that direction.

The various activities in the department ensures and encourages the student participation and skill delivery with the support from academic and research experts, industry partners, and various professional bodies. Let's achieve excellence in our academic and extra-curricular activities. I appreciate each and every one for their efforts to publish this Newsletter and best wishes to all.

Mr. Amel Austine

FACULTY PUBLICATIONS

- Dr. Anishin Raj M.M et al. "An efficient lymphocytic leukemia detection based on Efficient nets and ensemble voting classifier", IMA journal willey (SCI), 2022.
- Dr. Anishin Raj M.M et al. "Scrambling Based Riffle Shift on Stego Image to Channelize the Ensured Data", IASC(SCI) 2022.
- Mr. Amel Austine et al. "Falcon-Phishing Website Detection", SPIN 21-22.
- Dr. Anishin Raj M.M et al. "Wild Animal Detection and Repellent System", SPIN 21-22.
- Mrs. Mayadevi P A et al, "Leftover Basket, Mobile application for supermarkets to donate leftovers", SPIN 21-22.
- Mrs. Ritty Jacob et al, "BOON-Bully off of the net" SPIN 21-22.
- Ms. Sindhu Jose et al, "Reversible Data Hiding in Encrypted Videos using RIT" SPIN 21-22.
- Dr. Anishin Raj M.M et al. "Social distancing detection in real time", SPIN 21-22.
- Mr. Jobin Jose et al, "Parking slot allocation framework" SPIN 21-22.
- Mr. Andrews Jose et al, "Mood Singer" SPIN 21-22.
- Ms. Rini Simon et al, "Deep fake detection of image" SPIN 21-22.
- Mr. Joe Mathew Jacob et al, "Real time face mask detection" SPIN 21-22.
- Ms. Dona Jose et al, "Automatic detection of Statutory Warning in Videos" SPIN 21-22.
- Ms. Bency Cletus et al, "Rumour verification based on multimodel leaning" SPIN 21-22.
- Ms. Soumya Mathew et al, "Attendance Monitoring and Intruder Detection using Face Recognition" SPIN 21-22.
- Ms. Nimmy George et al, "Credit Card Fraud Detection" SPIN 21-22.
- Ms. Remya Paul et al, "SWAG - Slide With A Gesture" SPIN 21-22.
- Ms. Sabitha Raju et al, "Content creation using image recognition and processing" SPIN 21-22.

- Ms. Nimmy George et al, "Search and Rescue Aid" SPIN 21-22.
- Mrs. Neenu Daniel et al, "Dynamic Hand Gesture Recognition System" SPIN 21-22.
- Mrs. Arsha J K et al "EEG based Emotion Classification using DNN and Isolation Forest Anomaly Detection" SPIN 21-22.
- Ms. Dona Jose et al, "Object Identification and Recognition for Autonomous Vehicles" SPIN 21-22.
- Ms. Bency Cletus et al, "Breast Cancer Detection Using Deep Learning" SPIN 21-22.
- Ms. Soumya Mathew et al, "Human Activity Recognition" SPIN 21-22.
- Ms. Remya Paul et al, "Flood Area Detection for a moving Vehicle using Dash Camera" SPIN 21-22.
- Ms. Sabitha Raju et al, "Pneumonia Detection and Classification" SPIN 21-22.
- Ms. Rini Simon et al, "Sign Language Gesture Recognition with Efficient Hand Gesture Representation" SPIN 21-22.
- Mrs. Mili Els Jose et al, "Air Canvas Using OpenCV" SPIN 21-22.
- Ms. Anu Jose et al, "Autonomous Traffic Sign Detection" SPIN 21-22.
- Mr. Joe Mathew Jacob et al, "Traffic monitoring System" SPIN 21-22.

STAFF ACHIEVEMENTS

- Mr. Andrews Jose Resource person on OBE and attainment at Younus College Of Engineering and Technology, Kollam



- Mr.Andrews Jose, Resource person on NAAC Accreditation(PAC) at Farook Institute of Management Studies(FIMS),Kozhikode.
- Mr.Andrews Jose Resource person on OBE Workshop at St.Xavier's college for Women, Aluva

FACULTY DEVELOPMENT PROGRAM

- Mr. Amel Austine, attended FDP on Software Defined Radio for Next Generation Wireless Communication System organized by School of ECE, KLE Technological University, Hubli from 17th to 21st January 2022.
- Ms. Ritty Jacob, attended a 5 days online FDP on Recent Trends and Application of NLP organized by CSE Department, SCMS School of Engineering and Technology, Karukutty from 14th to 18th February 2022.
- Ms. Ritty Jacob, attended an online FDP on High Performance Computing and Deep Learning for Image and Text Analysis organized by CSE Department, Mar Baselios College of Engineering and Technology, Trivandrum from 21st to 25th March 2022.
- Ms. Neenu Daniel, attended an International FDP on Data Analytics and Machine Learning organised by Mizoram University and North-Eastern Hill University, India during 21st-25th March 2022.
- Mrs.Sabitha Raju, participated in 5 days online FDP on Recent Trends and Application of NLP organized by CSE Department, SCMS School of Engineering and Technology, Karukutty from 14th to 18th February 2022.
- Mrs.Anu Jose, participated in 5 days online FDP on Recent Trends and Application of NLP organized by CSE Department, SCMS School of Engineering and Technology, Karukutty from 14th to 18th February 2022

PROGRAMS ORGANIZED BY THE DEPARTMENT IN ASSOCIATION WITH CSI/ISTE/IIC/R&D

1. ICTAK organized Microskills Virtual Training on Java Programming (60 hrs) conducted during Dec29,2021-Jan 29,2022. The participants were Vishnu Anil kumar(S8 CS),Achut Raghunath (S8 CS),Nevin K james (S8 CS) Fathima Shenaz (S8 CS),Alphonse George (S8 CS),Alan D Andoor (S6 CS),Rajalakshmi Raj (S6 CS)Dion Paul George(S6 CS),Susan Shibu(S6 CS),Alan Baby (S6 CS),Ajin V M (S6 CS)
2. ICTAK organized Faculty symposium on Android application development hosted by Google on 21.03.22. Mrs. Joicy K Jose and Neethu Joseph participated in this symposium
3. The student branch of CSI VJCET in coordination with Huawei Student Developer community has conducted online webinar on introduction to HMS CORE(Huawei Mobile Services) on 27 June 2022.The webinar covered the topics on HMS and different kits provided by HMS CORE
4. The student branch of CSI VJCET has conducted photography contest on the theme " Street life ". Students from different colleges have participated in the online contest on 4th June 2022
5. The student branch of CSI VJCET has conducted state level workshop on "Introduction to UI Design and App Development" on 19 May 2022 as part of tech fest. The workshop was led by Roshan Shaji, focused on

latest UI trends and provided an overview of Android app development. Around 110 aspiring students from various institutions have participated in the workshop.



6. The student branch of CSI VJCET has conducted state level coding competition "Kodefiesta 2022" on 20 May 2022, as part of tech fest. The competition had 2 rounds and around 50 team from various institutions have participated in the Competition.



7. The workshop was organized by Industry Institute Interaction Cell (IIIC) in association with Institution's Innovation Council (IIC), Innovation and Entrepreneurship Development Centre (IEDC), Indian Society for Technical Education (ISTE) and Viswajyothi College of Engineering and Technology (VJCET) and coordinated by Mr. Jobin Jose (Dept. in charge, R&D), Mrs. Mili Els Jose (Dept. in charge, ISTE), Mrs. Rini Simon (Dept. in charge, IEDC) and Mrs. Remya Paul (Dept. in charge, IIIC) on 17th February 2022. The topic of the webinar was "Basics of web development". The workshop was conducted with an intention to provide students of Semester one, Computer Science and Design, knowledge on the basics of web development and its vast career opportunities.



8. The webinar was organized by Research and development cell (R&D) in association with Industry Institute Interaction Cell (IIIC), Institution's Innovation Council (IIC), Innovation and Entrepreneurship Development Centre (IEDC) and National digital library of India on 26 March 2022. The topic was "Digital Fabrications Design Thinking and FABLABS". The workshop was conducted with an intention to provide students of Semester eight, Computer Science and Engineering, knowledge on design thinking and its fabrication using Fab labs.

STUDENTS ACHIEVEMENTS

➔ Mr. Shahir S S7 CSB selected as the security Engineer in Amazon Spain Service S.L with a salary package of 53.8 lakhs (€ 67,000) per year.



➔ Mr. Roshan Shaji of S5CSB is officially certified as Huawei Student Developers Campus Ambassador in India



SENT OFF MEETING

1. Sent off meeting to Mr. Jobin Jose was conducted on 6th April 2022. He has been working as Assistant Professor for the last 12 years. Mr. Amel



Austine (Head Of the Dept. CSE) addressed the meeting. Faculty members and Technical staff shared their experiences.

2. Sent off meeting to Mr. Sijo Jose was conducted on 10th June 2022. He has been working as Computer Programmer for the last 15 years. Mr. Amel Austine (Head Of the Dept. CSE) addressed the meeting. Faculty members and Technical staffs shared their experiences.



PLACEMENT STATISTICS

Sl. No	Name of Company	No of Students Placed
1	TCS	35
2	Aspire	7
3	INFOSYS	32
4	EXPERION	9
5	SUTHERLAND VOICE	9
6	Quest Global	11
7	WIPRO	21
8	IBM	4
9	IBS	25
10	Envestnet	2
11	GUIDEHOUSE	3
12	Gadgeon	3
13	UST	16
14	Virtusa	10
15	Qburst	6
16	Marlabs	1
17	Salient Process	1
18	Unity Infotech	2
19	Federal Bank	3
20	Emsyne	1
21	Capgemini	3
22	6D Technology	1
23	Datamate info solutions	2
24	Amazon	1
25	Deloitte	1

UNIVERSITY RESULTS

Batch	Result Percentage
S2 CSE	70.14%
S4 CSE	90.47%
S7 CSE	76.52%

ACADEMIC EXCELLENCE

2018-2022 batch (S7 Toppers)

Aleena Sara Baby



2018-2022 batch (S4 Toppers)

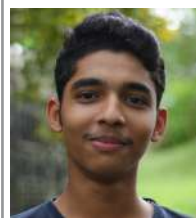


Niniya Sugathan



Airin Soosan Wilson

2020-2024 batch (S2 Toppers)



Anooj Thomson



Alvin Saju



Divya Xavier



Emlin Maria Roy

STAFF EDITORS



Sabitha Raju
AP, CSED



Lakshmi Suresh
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Joel Jose