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:

I am happy to know that the Department of Computer and Engineering of Viswajyothi College of Engineering and Technology is publishing the departmental newsletter "VOICE". The department offers all our students outstanding academic and socio-technical facilities, modern infrastructure, highly qualified and experienced teaching staff, as well as many socio-cultural and extracurricular activities throughout the year in addition to completing the university curriculum and academic requirements. I hope this will continue and reach the pinnacle of excellence. It is a pleasure to see that you all are working as a team and I wish the best to all of you.

Dr.K.K.Rajan

HOD'S MESSAGE

It's with immense pleasure that the Department of Computer Science and Engineering presenting the newsletter "VOICE". Computer Science and Engineering department is a dynamic and vibrant department with the blend of young and experienced faculty and energetic student fraternity. Department is actively involved in academic as well as research work in current areas of Computer Science and Engineering. The excellent infrastructure and the best teaching faculty of the department ensures quality education through various academic and industrial interaction activities, along with parents and Placement and Training Cell.Our faculty and students are constantly striving to excel and advance the state of the art in Computer Science and Engineering. The Department is proud to have a strong-alumni-network, many of them hold influential positions in the Information Technology industry and academia at both national and international levels. The strength of our department lies in the collective efforts of our community, and I am confident that we will continue to thrive. In closing, I want to express my gratitude to each and every one of you for your dedication and hard work.

Mr. Amel Austine

STAFF ACHIEVEMENTS

- ⮞ Mr. Andrews Jose were a resource person at Mangalam College, Ettumanoor for Mock NBA visit for CSE and ECE Departments on 20th January and 21st January 2023.
- ⮞ Mr. Andrews Jose were a Resource person on 1 day FDP on NBA at Mangalam college, Ettumanoor on 26th February 2023.

- ⮞ Mr. Andrews Jose were resource person on OBE at Al-Azhar Law College,Thodupuzha on 3rd March 2023.

- ⮞ Mr. Andrews Jose were resource person for OBE Workshop at Mary Matha College, Mananthavady on 20th March 2023.

- ⮞ Mr. Andrews Jose were resource person at Al-Azhar Engineering College, Thodupuzha for NAAC MOCK visit on 22nd March 2023
- ⮞ Mr. Andrews Jose were resource person at Illahia Arts and Science college, Pezhakappilly on 30th May 2023.

FACULTY PUBLICATIONS

- ⮞ Dr.S P Pradeep Kumar et al, "Sign Language Communication System", SPIN 22-23.
- ⮞ Mrs. Mayadevi P A et al, "Early Detection of SLD in Children: Sake", SPIN 22-23.
- ⮞ Ms. Sabitha Raju et al, "Ai-Powered Threat Detector For Intelligent Surveillance Systems" SPIN 22-23.
- ⮞ Mrs. Neenu Daniel et al," Pneumonia Detection Using Cnn And Deep Learning" SPIN 22-23.
- ⮞ Mr. Andrews Jose et al, "A Web3.0 Real Estates Management System" SPIN 22-23.
- ⮞ Mr. Joe Mathew Jacob et al, "Text Emotion Capturer" SPIN 22-23.
- ⮞ Ms. Dona Jose et al, "Motif-A Real Time Mock Interview Platform Using Deep Learning" SPIN 22-23.
- ⮞ Ms. Bency Cletus et al, "Mical - Blockchain Based Framework For Vehicle Management System" SPIN 22-23.
- ⮞ Mrs. Arsha J K et al "Crop Recommendation System: CropiGo" SPIN 22-23.
- ⮞ Ms. Remya Paul et al, "B-Heal: A Framework For Integrating Healthcare Services" SPIN 22-23.
- ⮞ Ms. Nimmy George et al, "Road Damage Detection" SPIN 22-23.
- ⮞ Ms. Anu Jose et al, "Blockchain Based Whisleblowing Platform" SPIN 22-23.
- ⮞ Ms. Cinita Mary Mathew et al, "E-Secure - Safe Keeping Of Forensic Evidences Using Blockchain" SPIJN 22-23.

- Ms. Dona Jose et al, "Online Transaction And Fraud Detection System" SPIN 22-23.
- Ms. Bency Cletus et al, "Health Insurance Cost Prediction using Machine Learning" SPIN 22-23.
- Ms. Remya Paul et al, "Enhancing Electoral Transparency: Empowering Voting Systems with Blockchain" SPIN 22-23.
- Ms. Anu Jose et al, "Secured Insurance Management System" SPIN 22-23.
- Ms. Anju Markose et al, "EMPROVE - An Employee Productivity System Using Machine Learning", SPIN 22-23.
- Ms. Lakshmi Suresh et al, "Alzheimer's Disease Detection And Doctor Consultation", SPIN 22-23.
- Ms. Ierin Babu et al," BULLYJAMMER: Detecting And Preventing Cyberbullying In Social Media", SPIN 22-23.
- Ms. Lithiya Sara Babu et al, "Universal Application For Electric Vehicles", SPIN 22-23.
- Ms. Sona Baby et al, "Traffic Sign Detection And Voice Alerting System", SPIN 22-23.
- Ms. Liby Ann Merin Baby et al," Scrap Lane: A Block Chain and Ml Based System to Facilitate Scrapping of Cars", SPIN 22-23.
- Ms. Remya Jose et al, "Plant Pest Detection and Measures", SPIN 22-23
- Ms. Anju T at al, "Mediocre: A Blockchain Based Counterfeit Medicine Authentication System", SPIN 22-23.
- Ms. Lakshmi Suresh et al, "Safeguarding Road Safety: A Novel Approach For Predicting Driver Fatigue in Real-time", SPIN 22-23.
- Ms. Ierin Babu et al," An Efficient Student Performance Evaluation and Result Prediction System", SPIN 22-23.
- Ms. Lithiya Sara Babu et al, "Diabetic Retinopathy Detection", SPIN 22-23.
- Ms. Sona Baby et al, "Personal Assistant For Visually Impaired People", SPIN 22-23.
- Ms. Liby Ann Merin Baby et al," Voice and Gesture Based Virtual Desktop Assistant", SPIN 22-23.
- Ms. Remya Jose et al," Job-Forcasting : Predicting Scope Of Jobs", SPIN 22-23.

FACULTY DEVELOPMENT PROGRAM/WORKSHOP

- Dr. S.P.Pradeep Kumar attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Anju Markose attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Remya Paul attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Libsy Ann Merin Baby attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Anu Jose attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Lakshmi Suresh attended a FDP on Artificial Intelligence & Machine Learning organized by Department of Computer Science and Engineering, Sri Ranganathar Institute of Engineering and Technology, Coimbatore from February 20th to February 24th 2023.
- Ms. Ierin Babu attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Sona Baby attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Asha Joseph attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Remya Jose attended a FDP on Outcome Based Education organized by IQAC & Department of Mechanical Engineering PPG Institute of Technology from February 1st to February 9th 2023.
- Ms. Lithiya Sara Babu attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Cinita Mary Mathew attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Mayadevi P A attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Lakshmi Suresh attended a FDP on Machine Learning and Artificial Intelligence organized by ICT Academy of Kerala and CSI Student Branch VJCET from January 30th to February 3rd 2023.
- Ms. Lakshmi Suresh attended a FDP on Distributed Computing organized by Department of Computer Science and Engineering at Sree Narayana Gurukulam College of Engineering from January 30th to February 1st 2023.

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

- A technical Talk by Mr.Ajay Joseph, Engineering Manager, TCS was organised by Department of Computer Science and Engineering in association with NDLI club on 4th January 2023.
- A Faculty development Programme is organised by Department of Computer Science and Engineering in association with ICT Academy of Kerala and CSI Student Brach of VJCET from 30th January to 3rd February 2023.

- Department of Computer Science and Engineering conducted 8th National Conference on Security, Parallel Processing, Image Processing and Networking (SPIN 2K23) in association with CSI & ISTE VJCET on 19th May 2023 . The Resource Person was Prof. Dr. M Sudheep Elayidom, Head of Division, Computer Science and Engineering, School of Engineering, CUSAT.

- One month Summer Internship on Full Stack Development was organised by Department of CSE in association with ICT Academy of Kerala. A 5-day Offline session was conducted from 22nd March to 26th March 2023 and was coordinated by Ms. Neenu Daniel
- A workshop on Mobile App Development using React Native was organised Department of CSE in association with by IIIC & IIC on 23rd June 2023 by Mr.GeorgeKutty George, Founder & CEO of Looking's Soft Pvt.Ltd.

SENT OFF MEETING

- Sent off meeting to Ms. Rini Simon was conducted on 29th March 2023. She has been working as Assistant Professor for the last 13 years. Mr.Amel Austine(Head Of the Dept. CSE) was addressed the meeting. Faculty members and Technical staff shared their experiences.

- Sent off meeting to Ms. Ritty Jacob was conducted on 29th March 2023. She has been working as Assistant Professor for the last 15 years. Mr.Amel Austine(Head Of the Dept. CSE) was addressed the meeting. Faculty members and Technical staff shared their experiences.Anoopa Meera Baby

STUDENTS ACHIEVEMENTS

- Mr. Krishnadev P Melevila of S4 CSE B for being in Hall of Fame- CVD the Netherlands Tax Administration on reporting security vulnerability.
- Mr. Alan D Andoor of S8 CSE B got Best Performer in Mathematics Cash prize of 10,000 Rs from VJCET.
- Mr.Jebin Shaju, S4 CSE B, won the first prize in ByteBrawl quiz program hosted by Google developers group cloud Kochi on June 7th 2023, as part of cloud community day 2023.

UNIVERSITY RESULTS

Batch	Result Percentage
S2 CSE	80.75%
S2 CG	43.18%
S3 CSE	84.79%
S3 CG	61.36%
S4 CSE	73.55%
S5 CSE	56.2%
S6 CSE	79.35%
S7 CSE	99.2%

PLACEMENT STATISTICS

Sl. No	Name of Company	No of Students Placed
1	TCS	16
2	IBS	55
3	6-D	13
4	Experion	13
5	Incture	4
6	Qburst	9
7	Kalerya	1
8	Tech Mahindra	8
9	ASICA	2
10	EY	16
11	Quest Global	9
12	Envestnet	2
13	Gadgeon	3
14	SIB	18
15	Sutherland	6
16	Acabes	11
17	Federal Bank	1
18	Claysys Technologies	1
19	Accenture	1
20	MindCurv	1

ACADEMIC EXCELLENCE

S7 Topper — Ajin V M

S5 Topper — Ananya S

S3 Toppers

Navya Saju   Jisha Maria Joseph   Madhav Vijayan

S3-CG Topper — George Mathew

S6 Topper — Airin Soosan Wilson

S4 Topper — Diya Xavier

S2-CG Topper — Suzana Ruth

S2 Toppers

Navya Saju   Aparna Rajan

STAFF EDITORS

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2.Sona Baby
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