FIVE B.TECH PROGRAMMES ACCREDITED BY
NBA NATIONAL BOARD OF ACCREDITATION
★★★★★★★★★★

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

VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

PRINCIPAL'S MESSAGE:

I congratulate the Computer Science and Engineering (CSE) Department, for their initiative to bring out the Newsletter "VOICE" during tough times of COVID-19. Computer Science and Engineering (CSE) Department is one of the outstanding Departments of VJCET that is solely devoted in the mission of promoting the quality Computer Education and Research. Department took a good number of initiatives during the COVID-19 pandemic to ensure that there is no academic loss of the students

This newsletter brings into view about various events, functions and happenings in the department. My hearty Congratulations to staff members and Students for their fruitful effort. With Best Wishes

Dr.K.K.Rajan

HOD'S MESSAGE

I am very happy that our Computer Science and Engineering department is releasing 13th volume and second issue of "VOICE". This internal newsletter is one of the ways in which we can exhibit the life of the Department. While the corona pandemic had many disruptive effects, in all the areas of human life, we have continued our academic and other activities for students via online platform. I am confident that this issue of Department News Letter will send a positive signal to the staff and students.

The past semester was full of various activities by the students and faculty in academic, extra-curricular as well as research & developments. This edition of newsletter showcases contribution and achievements of students and faculty members and best practices adopted by the Department of Computer Science and Engineering, during tough times of COVID-19. Wishing you all the best.

Mr. Amel Austine

FACULTY PUBLICATIONS

- Dr. Anishin Raj et al. "Leukocyte classification based on feature selection using extra trees classifier: A transfer learning approach" Turkish Journal of Electrical Engineering and Computer Sciences, vol. 29, 2021 (SCIE)

- Dr. Anishin Raj et al. "Leukocyte classification based on statistical measures of radon transform for monitoring health condition", Biomedical Physics and Engineering Express (BPEX), ,vol. 7, no. 6, 2021 (ESCI)

- Ms.Neenu Daniel,A. Anitha . Texture and quality analysis for face spoofing detection, Journal of Computers and Electrical Engineering, Vol 94, September 2021

- Ms.Neenu Daniel, A .Anitha ," Biometric Authentication Techniques : A Review published in proceedings of National Conference on Computational and Scientific Era "NCCSE'21" organized by Department of computer science and engineering which was conducted on 06-05-2021.

- Mr.Andrews Jose, "Web based Liver Cancer CAD system for Deep Learning using Convolution Neural Networks", Turkish Online Journal of Qualitative Inquiry, Volume 12, No: 3, pp 3156- 3165, July 2021. [Scopus Indexed].

- Ms.Arsha J K, presented a paper titled "A Comparative Study of various Algorithms used in Static and Mobile Sensor Networks" in Virtual Conference on Smart Computing and Advanced Communication (SCAC'21) on 31-03-21

STAFF ACHIEVEMENTS

- Dr Anishin Raj received Upcoming Researcher Award(DPRG)-2021
- Dr Anishin Raj was Technical Committee (Reviewer) member, International Conference On Recent Trends In Artificial Intelligence"

(ICRTAI' 21) on 29th and 30th June 2021 in association with Computer Society of India , International Society of Automation & ScotsHunt, UK at Adi Shankara Institute of Engineering & Technology, Kalady

- Dr Anishin Raj delivered Invited Talk and Session Chair, IET Sponsored National Conference on Information Communication & Intelligent Systems '21(NCICIS-2021), on 11th and 12th June, 2021, at MGM Engineering College, Pampakuda, Kerala

- Dr Anishin Raj was Technical advisory board member for the International Conference ICCIDT-2021 conducted at Mangalam College of Engineering on 15th and 16th May 2021.

- Mr.Andrews Jose was the resource person on NBA Accreditation for Diploma - Al-Azhar Polytechnic College, Thodupuzha on 23-01-2021

- Mr.Andrews Jose was the resource person at Monti International College(MBA) and St.Marys College(Degree), Perinthalmanna on NAAC Accreditation and OBE Software on 26-3-2021

- Mr.Andrews Jose, has signed the agreements for the software Accredit360 with Mar Baselious Christian College of Engineering and

Technology, Peermedu, Hajee Karutha Rowther Howdia College, Uthamapalayam, Tamil Nadu and Monti International Institute of Management Studies, Perintalmanna

- ➲ Ms.Arsha J K. selected as treasurer and Event coordinator for CSI Cochin Chapter during 2021-22.
- ➲ Ms.Arsha J K, guest speaker for the Webinar on "Importance of Professional Bodies in Technical Career Development " in Albertian Engineering College on 3rd August 2021
- ➲ Ms.Arsha J K guest speaker for the Event "Innovicon 2021" All Kerala B.Tech Project competition organized by the Department of Computer Science and Engineering in association with CSI , ENIAC and IEDC Albertian Engineering College on 16th August 2021.
- ➲ Ms.Remya Paul has selected as an Innovation Ambassador from MoE's Innovation Cell &AICTE.

FACULTY DEVELOPMENT PROGRAM

- ➲ Dr Anishin Raj, has participated in One-Week Virtual National Faculty Development Program on Scientific Documentation using LaTeX (SDL-2021) organized by Department of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram held during 09-08-2021 to 14-08-2021.
- ➲ Ms.Arsha J K, one-month internship & training on research from 05-07-2021 to 05-08-2021 by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC), Ministry of Micro, Small & Medium Enterprises, Government of India Organization, Foundry Nagar, Agra-282 006 (U.P.)
- ➲ Ms.Anu Jose has successfully completed Programming for Everybody (Getting Started with Python) an online authorized by University of Michigan and offered through Coursera.
- ➲ Ms. Anu Jose has participated Faculty Development Program on "Constitution of India" sponsored by TEQIP - phase II, organized by Department of Electronics & Communication Engineering, TKM College Kollam, from 15-03-2021 to 20-03-2021.
- ➲ Ms. Anu Jose has successfully completed AI for Everyone an online course authorized by Deep Learning AI and offered through Coursera.
- ➲ Ms.Soumya Mathew has successfully completed Programming for Everybody (Getting Started with Python) an online non-credit course authorized by University of Michigan and offered through Coursera.
- ➲ Ms.Soumya Mathew, has participated in the Faculty Development Program on "Constitution of India" sponsored by TEQIP - phase II, organized by Department of Electronics & Communication Engineering from 15-03-2021 to 20-03-2021.
- ➲ Ms.Anu Jose, has participated KTU sponsored FDP on "Architecture and Society" organized by Department of Computer Science and Engineering, MA College Kothamangalam.
- ➲ Ms.Neenu Daniel, attended FDP on Modern Web Application Development with MEAN Stack organized by ICT Academy, Kerala from 22.02.21-26.02.21.
- ➲ Ms.Neenu Daniel, completed an online course "Introduction to Programming with MATLAB with Michigan University offered through Coursera
- ➲ Ms.Nimmy George has participated Five Day Online Interdisciplinary

Faculty Development Program on Sustainable Engineering Practices in Agriculture and Automotive Industry (SEPAAI) organized by Department of ECE, Mar Athanasius College of Engineering Kothamangalam, Kerala during 17th – 21st May 2021.

- ➲ Ms.Nimmy George has participated Train the Trainer program on Java Programming Conducted by Infosys Limited from June 16-18, 2021.
- ➲ Ms.Sabitha Raju, has participated Five Day Online Advances in Applied Mathematical Science from 20-24 Sep 2021 Organized by Department of Mathematics and Statistics by Newman College, Thodupuzha
- ➲ Ms.Sabitha Raju, has participated KTU sponsored FDP on "Architecture and Society" organized by Department of Computer Science and Engineering, MA College Kothamangalam
- ➲ Ms.Sabitha Raju, has participated in One-Week Virtual National Faculty Development Program on Scientific Documentation using LaTeX (SDL-2021) organized by Department of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram held during 09-08-2021 to 14-08-2021.
- ➲ Ms.Dona Jose, Online Faculty Development Programme on Block chain technology and Cyber Security Organized by Department of CSE, College of Engineering Vadakara from 16-3-2021 to 20-06-2021
- ➲ Ms.Rini Simon, has participated in the Faculty Development Program on "Constitution of India" sponsored by TEQIP - phase II, organized by Department of Electronics & Communication Engineering from 15-03-2021 to 20-03-2021.
- ➲ Ms.Arsha J K, has participated in the Faculty Development Program on "Constitution of India" sponsored by TEQIP - phase II, organized by Department of Electronics & Communication Engineering from 15-03-2021 to 20-03-2021.
- ➲ Ms.Mili Els Jose, has participated in One Month Internship & Training On Research from 05-07-2021 to 05-08-2021 by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC), Ministry of Micro, Small & Medium Enterprises, Government of India Organization, Foundry Nagar, Agra-282 006 (U.P.)
- ➲ Ms.Mili Els Jose has participated in One-Week Virtual National Faculty Development Program on Scientific Documentation using LaTeX (SDL-2021) organized by Department of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram held during 09-08-2021 to 14-08-2021
- ➲ Ms.Mili Els Jose, has participated in an FDP from 2021-07-01 to 2021-07-07 on Moodle Learning Management System organized by Rajadhani Institute of Engg & Technology with course material provided by Spoken Tutorial Project, IIT Bombay
- ➲ Ms.Mili Els Jose, participated in Workshop on "Research Methodology for Ph.D. Scholars" during 20th October 2021–30th October 2021 organized by Noorul Islam Centre for Higher Education, Tucklay
- ➲ Ms.Remya Paul, has participated KTU sponsored FDP on "Architecture and Society" organized by Department of Computer Science and Engineering, MA College Kothamangalam from 15th to 18th March 2021.
- ➲ Ms.Remya Paul, undergone INNOVATION AMBASSADOR

(FOUNDATION LEVEL) training conducted by MOE'S Innovation Cell and AICTE from 30th June to 30th July 2021

- ➲ Ms. Remya Paul, Online Faculty Development Programme on Block chain technology and Cyber Security Organized by Department of CSE, College of Engineering Vadakara from 16-3-2021 to 20-06-2021

- ➲ Ms.Remya Paul, has successfully completed Programming for Everybody (Getting Started with Python) an online authorized by University of Michigan and offered through Coursera

- ➲ Ms.Remya Paul, Online Faculty Development Programme on Fine Tune your research Planning Organized by Department of IT, Government College of Engineering palakkad from 22-3-2021 to 26-06-2021

- ➲ Ms.Sindhu Jose, participated in One-Week Virtual National Faculty Development Program on Scientific Documentation using LaTeX (SDL-2021) organized by Department of Engineering Mathematics and Humanities, SRKR Engineering College (A), Bhimavaram held during 09-08-2021 to 14-08-2021.

- ➲ Ms.Sindhu Jose has successfully completed Programming for Everybody (Getting Started with Python) an online non-credit course authorized by University of Michigan and offered through Coursera.

- ➲ Ms.Ritty Jacob, attended FDP on Modern Web Application Development with MEAN Stack organized by ICT Academy, Kerala from 22.02.21-26.02.21.

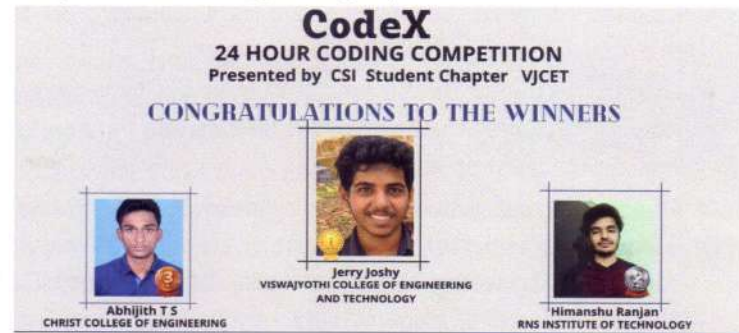## PROGRAMS ORGANIZED BY THE DEPARTMENT IN ASSOCIATION WITH CSI/ISTE/IIC /R&D

Conducted an interactive session with "Successful Start-up Founders ". The resource persons are Mr. Varghese Benny, CEO-RABBITSQUARE and Mr Shan Babu, CEO Technocart. The programme was scheduled on 3rd March 2021, Wednesday from 2.00 to 4.00 PM. This program was on ZOOM platform and organized by Mrs. Remya Paul and Dr Anishin Raj in association with IIIC and R&D
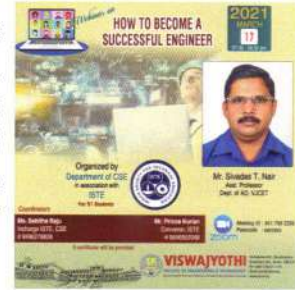
Conducted a Webinar on "Decision making and Entrepreneurship". The session was carried out by Ms Krishna Rajan Nair, Lead-Work Force Management Team, UST Global on 13th March 2021, and Saturday from 10.00 AM to 11.00 AM through Zoom platform. The intended participants were first year students of CSE and IT. This event was organized by Dr Anishin Raj and Mrs. Remya Paul in association

with Research and Development Division, Industry Institute Interaction Cell (CSE&IT) and CSI

Arsha J K organized INTERCOLLEGIATE 24 HOUR CODING COMPETITION (26th June 2021 12.00 PM to 27 June 2021 12.00PM) in association with Computer Science and Engineering Department and CSI of VJCET.

Conducted a webinar on How to become a successful Engineer on 17th March 2021. This event was organized by Ms.Sabitha Raju in association with ISTE . The intended participants were first year students. The session was carried out by Mr.Sivadas T Nair, Dept.of AD, VJCET.

PLACEMENT STATISTICS

Sl. No	Name of Company	No of Students Placed
1	TCS	32
2	Accenture	15
3	Rapid value	9
4	Infosys	8
5	Experion	8
6	NMS	5
7	Sutherland non voice	5
8	Quest Global	5
9	WIPRO	3
10	IBM	2
11	Sayone	2
12	Zerone	2
13	Envestnet	2
14	Guidehouse	2
15	Keyvalue	2
16	Factweavers	2
17	Other companies	9

UNIVERSITY RESULTS

Batch	Result Percentage
S3 CSE	91.27%
S5 CSE	70.68 %
S7 CSE	78.18%

ACADEMIC EXCELLENCE

2017-2021 batch (S7 Toppers)
CSA
Elson Jose
CSB
Reshma Sunny

2018-2022 batch (S5 Toppers)
CSA
Maria Benny Kottalil
Meenakshi Anil
CSB
•Abin Jose
Aleena Sara Baby
Devika Sabu

2019-2023 batch (S3 Toppers)
CSA
Abhini M Aji
Hanna Thomas
Shafna Jaffar
Susan Shibu
CSB
Ajin V M
Nelvin Mathew
Sneha Maria Biju

STAFF EDITORS

Sabitha Raju   **Soumya Mathew**
AP, CSED   AP, CSED