



# 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:

It gives me great pleasure to give my best wishes to VOICE, the newsletter from Department of Computer Science and Engineering of VJCET. We are going through an exceptional global dilemma today. Each one of us and the entire world is affected by the Covid-19 pandemic. No matter how long this crisis may persist, I am

confident in the resilience of our college because of our dedicated faculty, hard-working students, and highly supportive alumni and friends.

The Department of Computer science and Engineering has recorded consistent improvement in its academic and placement performances. This newsletter brings into view about various events, functions and happenings in the department. I congratulate the team who has taken great initiative for producing this newsletter.

**Dr.K.K.Rajan**

## HOD'S MESSAGE

It gives me great opportunity to present the 13th volume and first issue of "VOICE". This internal newsletter is one of the ways in which we can disseminate information on 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 immensely proud of our committed staff who continue to demonstrate their resilience and agility as we move to new ways of working.

The past semester was full of various activities by the students and faculty in academic, extra-curricular as well as research & developments. I hope that this newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best. Wishing you all the best.

**Mr. Amel Austine**

## FACULTY PUBLICATIONS

- **Dr. Anishin Raj et al.** "A precision-based diagnostic model ADOBE-accurate detection of breast cancer using logistic regression approach", IOS press, 39(6), pp. 8419–8426, Dec-2020. (Indexed in SCIE, Web of Science, SCOPUS and UGC).

## STAFF ACHIEVEMENTS

- **Dr. Janahan Lal P.S.** "has been the Editor-in-Chief of the Journal Grenze International Journal of Engineering and Technology in printed book (ISSN 2395-5295) and online (ISSN 2395-5287).
- **Dr. Anishin Raj M.M** was the Co session chair of International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil -CEMC 2020 on 3-Dec-2020.
- **Dr. Anishin Raj M.M** has been the resource person for the webinar on Introduction to Engineering Technology for Gifted Children Programme 2020-21 in Muvattupuzha Educational District organised by CSE association.
- **Mr. Andrews Jose** has conducted Webinar on "CO-PO Attainments & Feedback" at Hajee Karutha Rowther Howdia College, Uthamapalayam, Tamilnadu on 20/10/2020
- **Mr. Andrews Jose** has conducted one day workshop on "Evaluation of mapping and attainment of Programme Outcomes" at Nirmala College, Muvattupuzha on 18/11/2020
- **Mr. Andrews Jose** has conducted "FDP on NBA accreditation" at Al-Azhar Polytechnic, Thodupuzha on 23/01/2021
- **Mr. Andrews Jose** has conducted Workshop on "OBE & strategy towards quality education" at Hajee Karutha Rowther Howdia College, Uthamapalayam, Tamilnadu on 27/01/2021
- **Mr. Andrews Jose** has signed agreements for the software Accredi360, with Morning Star Home Science College, Angamaly on

23/10/2020, Illahia College of Engineering and Technology, Mulavoor on 04/10/2020, Mar Baselious Christian College, Peermedu on 15/01/2021 and Hajee Karutha Rowther Howdia College, Tamilnadu on 27/01/2021.



## FACULTY DEVELOPMENT PROGRAM

- **Dr. Anishin Raj M.M** has attended 7 days ICT academy virtual workshop on Instructional design using Agile-ADDIE from 6-July 2020 to 12-July-2020.
- **Ms. Silpa Joseph** has attended 5 day FDP on "Securities in Global Emergencies", from 13.07.2020 to 17.07.2020, organized by Dept. of CSE, Nehru College of Engineering & Research Centre, Thrissur.
- **Ms. Silpa Joseph** has attended One week FDP on "Data Science & Artificial Intelligence", from 8.02.2021 to 12.02.2021, organized by Dept. of CSE & IT, Rajagiri School of Engineering & Technology, Kochi.
- **Ms. Mili Els Jose** has attended 5 days Online FDP on "FDP on Emerging Technologies in IT industry 2020", from 06.07.2020 to 10.07.2020, organized by Dept. of Information Technology, Noorul Islam Center for Higher Education in Association with C-DAC Thiruvananthapuram

- **Mr. Jobin Jose** has attended 5 days online FDP on “Deep Learning”, from Learning 06.07.2020 to 10.07.2020, organized by IEE Student Branch NIT Trichy.
- **Mr. Jobin Jose** has attended 5 days online FDP on “Securities in Global Emergencies”, from 13.07.2020 to 17.07.2020, organized by Dept. of CSE, Nehru College of Engineering and Research Centre, Thrissur.
- **Mr. Jobin Jose** has attended 3-day Virtual global TECH SUMMIT”, from 18.08.2020 to 20.08.2020, organized by Marian College Kuttikanam, in association with IPSR solution.
- **Mr. Jobin Jose** has attended ATAL sponsored 5days online FDP on “Quantum Computing”, from 05.10.2020 to 09.10.2020, organized by C-DAC Mohali.
- **Mr. Jobin Jose** has attended ATAL sponsored 5 days online FDP on “Data Sciences”, from 14.12.2020 to 18.12.2020, organized by Central University of Kerala, Kasargod.
- **Ms. Neenu Daniel** has attended Five Days FDP on “Trends & Technologies in Digital Era from 27th – 31st JULY 2020 organized by Dept of CSE, Noorul Islam Centre for Higher Education.
- **Ms. Neenu Daniel** has attended Five Days FDP on Modern Web Application Development with MEAN stack-LIVE SESSION from 22nd-26th Feb 2021 organized by ICT Academy of Kerala.
- **Mr. Andrews Jose** has attended 2 weeks FDP on “Outcome Based Education in Management Education - Objectives, best practices and measurement of Outcomes” AICTE funded FDP, from 16.11.2020 – 28.11.2020 organized by SAINTGITS Institute of Management, Kottayam.
- **Ms. Sabitha Raju and Cinita Mary Mathew** have attended one-week Faculty Enablement Program on “Python Programming through INFYTO Platform”, from 06.07.2020 to 13.07.2020, organized by Infosys Limited.
- **Ms.Rini Simon and Ms.Arsha J K** have participated one week FDP on Emerging Ai techniques in Data Analytics from 12-09-2020 to 16-19-2020 under TEQIP, organized by THDC Institute of Hydropower engineering and Technology, Uttarakhand and Cusat.
- **Ms.Rini Simon and Ms.Arsha J K** have participated one week FDP on Deep Learning and Natural Language Processing from 10-08-2020 to 14-18-2020, Organized by NLP Research Group, Dept. of CSE, Rajagiri School of Engineering & Technology, Kochi.
- **Ms.Rini Simon and Ms.Arsha J K** have participated three week STTP on Future Trends in Nano Mechanics, Robotics and Automation and lot, from 09-10-2020 to 27-10-2020, organized by SBR Info tech Pune.
- **Mr. Sivadas T Nair** participated in 3-day Faculty Development program on Database design and Programming with SQL from 15-12-21 to 18-12-2021 by Oracle Academy.
- **Mr. Sivadas T Nair** participated in 3-day Faculty Development program on Programming with PL/SQL from 15-02-21 to 17-02-2021 by Oracle Academy.
- **Mr. Sivadas T Nair** attended 5 day KTU Sponsored FDP program on Data Science and Artificial Intelligence, from 08.02.2021 to 12.02.2021 by Rajagiri College of Engineering and Technology, Kochi.

- **Ms.Soumya Mathew, Ms.Cinita Mary Mathew** have participated in the 7 day Virtual Workshop on “Instructional Design using Agile-ADDIE”, from 06-07-2020 to 12-07-2020, organized by ICT Academy of Kerala.
- **Ms. Alphonsa Kuriakose and Ms. Nimmy George**, attended 5 day FDP on “Artificial Intelligence in Natural Language Processing”, from 08.02.2021 to 12.02.2021, organized by Dept. of CSE, Muthoot Institute of Technology and Science, Puthencruz.

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

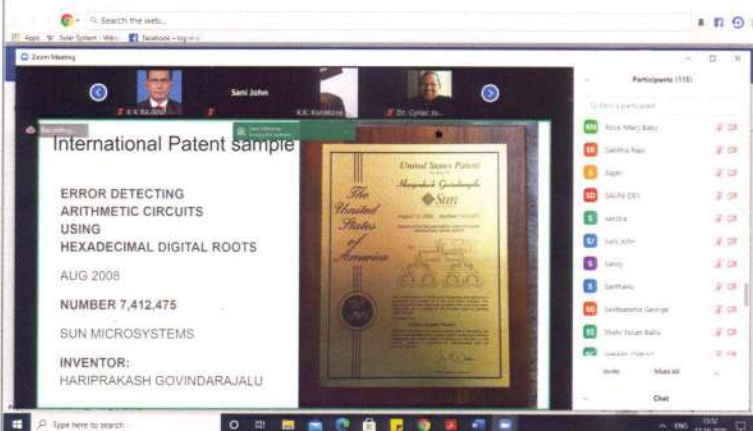
CSE Department has signed a memorandum of understanding with M/S Looking soft Pvt. Limited on 24th day of August Two Thousand Twenty.



### 1) Online training on “Document preparation using latex” on 14th August 2020

IIC and R & D in association with CSI&ISTE has organised an online training programme on “Document preparation using LATEX”. Mr Aravind Rajan, Senior Software Engineer, PCPL conducted the training through Google meet platform. The programme was organised by Dr Anishin Raj M M (Dean R&D), Mrs Remya Paul (Staff Incharge IIC-CSE).

### 2) Webinar on “How to file national and international patents” on 17th October 2020



The IIC-CSE and R & D Cell has organised a webinar on “How to file national and international patents”. The session was handled by Mr Hariprakash Govindarajalu, CTO Logic Research Labs through Zoom platform. The programme was organised by Dr Anishin Raj M M (Dean

R&D), Mr Vinoj K(Convener- IIIC),Mrs Remya Paul(Staff Incharge IIIC-CSE)  
**3)Webinar on "Indian space: An inspiring story" on 30th December 2020**

The R & D Cell and IIIC-CSE has conducted a webinar on "Indian space: An inspiring story". The session was handled by Mr. P Aravindakshan, Former Chief General Manager, ISRO Satellite Centre through Zoom platform. The programme was organised by Dr AnishinRaj M M (Dean R&D), Mr Vinoj K(Convener- IIIC).

**4)Webinar on "Mobile app development using React native "on 15th December 2020**

The R & D Cell and IIIC-CSE has conducted a webinar on "Mobile app development using react native "Mr Georgekutty George, CEO Looking soft Pvt Ltd handled the session through Google meet platform. The programme was organised by Dr AnishinRaj M M(Dean R&D), Mrs Remya Paul(Staff Incharge IIIC-CSE).

**5) Webinar on "How to frame a start-up policy" on 21st November 2020**

The R & D Cell, IIIC, IEDC and NISP has conducted a webinar on "How to frame a start-up policy ". The session was taken by Mr. Gautham, Director Pupilfirst through Google meet platform. The programme was organised by Dr AnishinRaj M M(Dean R&D), Mr Vinoj K(Convener- IIIC) ,Mrs Remya Paul(Staff Incharge IIIC-CSE).

**6)Webinar on "Introduction to computer vision and robotics" on 11th December 2020**

Department of CSE has organised a webinar on "Introduction to computer vision and robotics". The session was taken by Mr Vipulnath, CEO Leap through Google meet platform. The programme was organised by Mr Amel Austine(HOD-CSE) and Mrs Remya Paul(Staff Incharge IIIC-CSE).

**7) Atal Fdp On Blockchain**

AICTE Training and Learning Academy (ATAL) sponsored FDP was conducted by the CSE department in association with Blockchain Academy,VJCET from 19th to 23rd October 2020. The thrust area was Blockchain and is coordinated by Mrs. Ritty Jacob, Assistant Professor, CSE. Around 120 participants from different parts of the country were attended FDP. The sessions were handled by the experienced and talented resource persons from Kerala Blockchain Academy(KBA). The programme covered the emerging techniques in the area of Blockchain.

## STUDENTS ACHIEVEMENTS



**Mr. Jetson Joseph** of S7 CSE B has won Outstanding Student Volunteer Award from IEEE Kerala for his contributions towards humanitarian activities focused on providing a technology solution.

**Josu Geo** of S3 CSE A bagged first prize for Short Video Competition conducted by IEEE Kerala Section.



## UNIVERSITY RESULTS

Batch	Result Percentage
S4 CSE	88.79 %
S6 CSE	91.8 %
S8 CSE	100 %

## PLACEMENT STATISTICS

Sl. No	Name of Company	No of Students Placed
1	TCS	34
2	VAISHNAVI	3
3	GADGEON	2
4	FACT WEAVERS	2
5	EXPERION	11
6	GUIDEHOUSE	4

## ACADEMIC EXCELLENCE

**2017-2021 batch (S6 Toppers)**

**CSA**

Elson Jose  
Merin Varghese

**CSB**

Sony mathew

**2018-2022 batch (S4 Toppers)**

**CSA**

Amina Shirin  
Eby Thomas  
Kiran Paul Alex  
Maria Benny Kottalil  
Meenakshi Anil

**CSB**

Abin Jose  
Aleena Sara Baby  
Athira Pradeep  
Betsy Benny  
Devika Sabu  
Malavika Nandagopan

Best outgoing student



**Jintu Justin, S8 CSE A**

## SENT OFF MEETING

Sent off meeting to **Mr. James R Alex** was conducted on 27th February 2021. He has been working as the System Engineer for the last 15 years. Vice Principal Mr. Somy P Mathew, HOD CSE Mr. Amel Austine, Dean R&D Dr. Anishin Raj M.M were addressed the meeting. Faculty members and Technical staff shared their experiences.



**STAFF EDITORS**

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