



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

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



**NEWS
LETTER**

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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 congratulate the Computer Science and Engineering (CSE) Department, for their initiative to bring out the Newsletter "VOICE". This semester has been an extraordinary challenge on account of COVID-19.

However, the pandemic gave an opportunity world-wide to rethink and reassess the strategies for higher education. Computer Science department took a good number of initiatives such as giving lectures by videoconference, sharing material (e.g., slides, videos, presentations), interacting through chats, supervising practical activities, evaluating and tutoring students, recording explanations and making them available to students, etc. during the COVID-19 pandemic to ensure that there is no academic loss of the students

Our teachers strive to teach not only academic programmes but also life skills needed for students' self-development.

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



The newsletter, "VOICE" brings together the accolades and memories of the events organised by Department of Computer Science and Engineering during odd semester of 2021. It gives me great pleasure to spotlight the activities carried out during this semester and the achievements of students and staff members of the Department. This internal newsletter showcases the life of the Department. Academia is coming back to the normal pace after the slow recovery from the pandemic and continuing with passion and fervour. The past semester was a triggering point to bring the normal campus life to students and staff members with various activities in academic, extra-curricular as well as research & developments. It is my privilege to present the new course, Computer Science and Design, which is started in this academic year under the Department of Computer Science and Engineering. I firmly believe that the CSE Department is more than just a place to learn. It gives students a chance to grow and be equipped with everything they need to achieve excellence. I convey my best wishes to all.

Mr. Amel Austine

FACULTY PUBLICATIONS

- Dr.Anishin Raj M.M et al. "Leukocyte classification based on feature selection using extra trees classifier: a transfer learning approach", Turkish Journal of Electrical Engineering & Computer Sciences, 2021, (SCIE)
- Dr.Anishin Raj M.M et al. "Leukocyte Classification based on Transfer Learning of VGG16 Features by K-Nearest Neighbour Classifier", IEEE Xplore 2021 (SCOPUS)
- Dr.Anishin Raj M.M et al. " Leukocyte classification based on statistical measures of radon transform for monitoring health condition", Biomedical Physics and Engineering Express, 2021. (ESCI and SCOPUS)

STAFF ACHIEVEMENTS

- Dr Anishin Raj M. M received Upcoming Researcher Award(DPRG)-2021



- Mr.Andrews Jose Resource Person at Santhigiri College, Vazhithala, St.Xaviers College, Aluva, Mangalam College, Ettumanoor and Younus College of Engineering, Kollam on NAAC Accreditation and OBE Software



- Mr.Andrews Jose,has signed the agreements for the software Accredit360 with Santhigiri College, Vazhithala, St.Xaviers College,Aluva, Mangalam College, Ettumanoor and Younus College of Engineering, Kollam
- Ms.Neenu Daniel received an appreciation from ICT Academy, Kerala for her support as an Institutional Knowledge Officer

FACULTY DEVELOPMENT PROGRAM

- Mr. Amel Austine, attended FDP on Machine Learning and Data Analytics organized by FOSS Cell, MACE in association with ICFOSS
- Dr.Anishin Raj M M, participated in 5 days workshop "Scientific Documentation using Latex", Sagi Rama Krishnam Raju Engineering College, in the month of August 2021.
- Dr.Anishin Raj M M, participated in 5 days workshop "Machine Learning and Data Analytics", ICFOSS, MA college 15-Nov-2021 to 20-Nov-2021
- Ms. Neenu Daniel, attended FDP on Machine Learning and Data Analytics organized by FOSS Cell, MACE in association with ICFOSS

- Mr. Jobin Jose, attended KTU sponsored FDP on Architecture and Security from 15th to 17th Mar 2021, organized by the department of CSE, MACE, Kothamangalam.
- Ms. Anu Jose, attended FDP on Machine Learning and Data Analytics organized by FOSS Cell, MACE in association with ICFOSS
- Mr. Jobin Jose, attended workshop on VLSI devices and circuit design tools" by the School of Electronics Engineering VIT-AP from 22.06.2021 to 26.06.2021
- Mr. Joe Mathew Jacob, attended FDP on Machine Learning and Data Analytics organized by FOSS Cell, MACE in association with ICFOSS.
- Mr. Jobin Jose, attended one week ATAL FDP on cyber security oversight for information protection from 12.07.2021 to 16.07.2021 by CUSAT.
- Ms. Mili Els Jose, attended a ten-day workshop on Research Methodology, organized by the Board of Research, Development and Consultancy, Nooral Islam Centre for Higher Education from 20th to 30th of October 2021.
- Mr. Jobin Jose, attended one week ATAL FDP ON Digital forensic in cyber security from 02.08.2021 to 06.08.2021 by CDAC.
- Ms. Sabitha Raju, attended five days FDP on Advances in Applied Mathematical Science by Department of Mathematics and Statistics, Newman College Thodupuzha
- Ms. Mili Els Jose, attended a FDP from 1-07-2021 to 07-07-2021 on Moodle Learning Management System organized by Rajadhani Institute of Engineering & Technology with course material provided by Spoken Tutorial Project, IIT Bombay.
- Ms. Mili Els Jose, attended a one-week Virtual National Faculty Development Program on Scientific Documentation Using LaTeX organized by Department of Engineering Mathematics and Science, SRKR Engineering College, Bhimavaram 09-08-2021 to 14-08-2021
- Ms. Sabitha Raju, attended a one-week Virtual National Faculty Development Program on Scientific Documentation
- Ms. Sindhu Jose, attended a one-week Virtual National Faculty Development Program on Scientific Documentation.
- Ms. Soumya Mathew, attended FDP on Cybersecurity -Identity & Access Management on 24-11-21 at TCS Cochin.
- Ms. Remya Paul, attended FDP on Cybersecurity -Identity & Access Management on 24-11-21 at TCS Cochin.
- Ms. Soumya Mathew, attended a one-week Virtual National Faculty Development Program on Scientific Documentation.
- Ms. Remya Paul, attended three days FDP on "Deep learning for image and video applications", organized by LBS College of Engineering
- Ms. Mayadevi P. A, attended a one-week Virtual National Faculty Development Program on Scientific Documentation.
- Ms. Ritty Jacob, attended a one-week Virtual National Faculty Development Program on Scientific Documentation.

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

- The webinar was organized by the Innovation and Entrepreneurship Development Centre (IEDC) in association with Centre for research and

development(R&D), and Industry Institute Interaction Cell (IIIC) on 11 th December 2021. The topic of the webinar was "Workforce Management in IT Industry ". The webinar was conducted with an aim to help the final year students of CSE and IT to understand about the working of an IT firm.

Webinar on
WORKFORCE MANAGEMENT IN IT INDUSTRY- FROM A PRACTITIONER'S PERSPECTIVE
 For Final year Computer Science & IT students

2021 DECEMBER 11 Saturday
 10.00 am - 11.00 am

Google Meet
 zli-whkh-axf

Ms. Krishna Rajan Nair
 Senior Lead
 Workforce Management Team
 UST Global

Coordinators
 Dr. Anishinraj M.M. (Dean R&D)
 Ms. Rini Simon (CSE Dept., in charge IEDC)
 Ms. Remya Paul (IIIC coordinator)

Organized by
 IEDC
 in association with
 R&D & IIIC of VJECET

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- The Seminar was organized by Industry Institute Interaction Cell(IIIC) in association with CSI on 20th December 2021. The topic of the seminar was "Orientation On Cyber Security and Forensics". The seminar was conducted with an intention was to help students of Computer Science Department to know about the trend on Cyber Security and Forensics.



- Department of Computer Science and Engineering of Viswajyothi College Of Engineering And Technology, Vazhakulam and IES College Of Engineering, Chittilappilly in association with CSI Students chapter started the intercollegiate lecture series on "NEURAL NETWORKS AND DEEP LEARNING" on 18-12-2021

⇒ CSI students chapter VJCET conducted CODE FORGE 2021 to assess students' knowledge, gain experience, compete and win prizes. The competition includes QUIZ, SCAVENGER HUNT, CODING. The competition held as a team of two members. The Winners are Alan D Andoor, Nevin Mathew of S5 CSB



STUDENTS ACHIEVEMENTS

- ⇒ Mr. Sean Santhosh Joseph S8 CSA was awarded with "The Best outgoing student of VJCET" of the year 2020-21.
- ⇒ Mr. Elson Jose and Merin Varghese of S8CSA was awarded with Fr. Thomas Puthamkulam Award for academic excellence of the year 2020-21
- ⇒ Mr. Jetson Jose, Jithin Babu, Joseph Benny and Rahul J of S8CSB received Best Project Award of the year 2020-21
- ⇒ Ms. Abhini M Aji, Nelwin Mathew, Roshan Shaji, and Soyal Sunny of S5CS have been selected for the internship in Huawei Technologies India Pvt. Ltd
- ⇒ Mr. Shahir S of S7CSB was recognized as Security Researcher of the year Oppo Security and Apple Security Hall of fame of the year 2020-21
- ⇒ Mr. Krishnadev P Melevila of S1CSA participated in the Top10 in DomeCTF2021 conducted by Kerala Police Cyber Dome & Beagle Security

SENT OFF MEETING

Sent off meeting to Ms. Alphonsa Kuriakose was conducted on 8th October 2021. She has been working as Assistant Professor for the last 10 years. Dean R&D Dr. Anishin Raj M.M was addressed the meeting. Faculty members and Technical staff shared their experiences.



MOUs

1. Viswajyothi College of Engineering and Technology, has signed MOU with NIRMALA COLLEGE MCA DEPARTMENT, Muvattupuzha on 26-11-21



2. Viswajyothi College of Engineering and Technology, has signed MOU with ASPIRE Systems on 24-08-21



PLACEMENT STATISTICS (2018-2022)

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	3
9	IBS	25
10	Envestnet	1
11	GUIDEHOUSE	3
12	Gadgeon	3
13	UST	16
14	Virtusa	10
15	Qburst	6
16	Marlabs	1

UNIVERSITY RESULTS

Batch	Result Percentage
S1 CSE	75.21%
S6 CSE	78.26 %
S8 CSE	96.36%

ACADEMIC EXCELLENCE

2017-2021 batch (S8 Toppers)

Alan Sebastine
Elson Jose
George Jose
Amulya C Bose
Chinju Rani Paul

2018-2022 batch (S6 Toppers)

Aleena Sara Baby

2020-2024 batch (S1 Toppers)

Alvin Saju
Lijumon A P

STAFF EDITORS



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