



# VISWAJYOTHI

## COLLEGE OF ENGINEERING & TECHNOLOGY

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



### NEWS LETTER

July - Dec. 2021

Vol : 12

Issue : 1



# INSIDE OUT

## DEPARTMENT OF INFORMATION TECHNOLOGY

### 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

### VISION OF THE DEPARTMENT

To be a centre of excellence in IT learning and provide value based training to mould students as successful IT professionals.

### MISSION OF THE DEPARTMENT

1. To provide an intellectually stimulating and academically vibrant learning environment for students and train them in the basic as well as advanced concepts, knowledge, technology and skills of IT.

2. To promote a nurturing and caring environment and prepare students to achieve their academic and career goals in a globally competitive marketplace.
3. To mould students into ethical and competent professionals who will contribute to the betterment of the community.

### PROGRAM EDUCATIONAL OBJECTIVES (PEO)

1. Graduates shall excel in programming and analytical skills enabling them to be professionally competent and find solutions to software based problem
2. Graduates shall have social and ethical values making them socially more acceptable and in being instrumental in uplifting quality of life
3. Graduates shall have positive attitude towards research and entrepreneurship.

### PROGRAM SPECIFIC OUTCOME (PSO)

1. Graduates shall have knowledge on smart technologies in the field of IT and are well equipped with cutting edge technologies and concepts.
2. Graduates shall bring in the advantages of technology into the society, so that it will accelerate the development and betterment of people.





### PRINCIPAL'S MESSAGE:

It brings me great pleasure to contribute a few lines to the departmental newsletter of our college's Information and Technology department. We are all living in a time of technological change, and no one's life is unaffected by it. This transformation will continue for a long time, and Viswajyothi is always first in providing

appropriate skills and expertise to aspiring young professionals.

I wish the Information and Technology Department all the best in this creative endeavour, which is solely dedicated to shedding light on the department's creative hotspots and proud moments

**Dr.K.K.Rajan**

### HOD'S MESSAGE



It brings me great pleasure to present our 1st issue of the newsletter of the academic year 2021- 22. The various events and activities of IT department throughout the last semester is emphasized in the newsletter. We have attended and organized many Webinars, Syllabus Enrichment Programs, Trainings in emerging technologies and Alumni Interactions. I am indebted to the Management and Principal for their encouragement and guidance in all the endeavours of the department. My team of enthusiastic faculty members will always struggle hard to hold high the department in its peak. Let me congratulate the students and faculty members for the 12th volume of the newsletter issued.

**Ms. Anju Susan George**

### FACULTY PUBLICATIONS

#### Ms. DIANA BABY

- Diana Baby, Sujitha Juliet, Jude Hemanth & Anishin Raj M M., "Leukocyte classification based on feature selection using extra trees classifier: A transfer learning approach", Turkish Journal of Electrical Engineering and Computer Sciences, 29: 2742 2757, 2021, doi:10.3906/elk-2104-183[IF:0.806](SCIE Indexed)
- Diana Baby, Sujitha Juliet & Anishin Raj M M., "Leukocyte classification based on statistical measures of radon transform for monitoring health condition", Biomedical Physics Engineering Express, 7(6), 2021, doi: 10.1088/2057-1976/ac2e16. (ESCI Indexed)

### FACULTY DEVELOPMENT PROGRAMS

#### Ms. ANJU SUSAN GEORGE

- One day FDP on "Cybersecurity - Enterprise-level Architecture" at TCS, Kochi on 15/11/2021.
- One day FDP on "Cybersecurity - Ransomware" at TCS, Kochi on 17/11/2021.
- One day FDP on "Cybersecurity - Cryptography" at TCS, Kochi on 19/11/2021.
- One day FDP on "Cybersecurity - Ethical Hacking" at TCS, Kochi on 22/11/2021.
- One day FDP on "Cybersecurity - Identity & Access management" at TCS, Kochi on 24/11/2021.
- One day FDP on "Cybersecurity - Secure Coding" at TCS, Kochi on 26/11/2021.

#### Ms. JESLINE JOSEPH

- Attended Faculty Development program on Cyber Security conducted by Tata Consultancy Service from 15/11/2021 to 26/11/2021

- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Big Data Security and Analytics" from 06/12/2021 to 10/12/2021 at Indian Institute of Information Technology Kottayam

#### Ms. JULIET A. MURALI

- Attended Faculty Development program on Cyber Security conducted by Tata Consultancy Service from 15/11/2021 to 26/11/2021
- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Big Data Security and Analytics" from 06/12/2021 to 10/12/2021 at Indian Institute of Information Technology Kottayam

#### Ms. ANN PREETHA JOSE

- Attended Faculty Development program on Cyber Security conducted by Tata Consultancy Service from 15/11/2021 to 26/11/2021
- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Big Data Security and Analytics" from 06/12/2021 to 10/12/2021 at Indian Institute of Information Technology Kottayam

#### Ms. TINY MOLLY V.

- Attended Faculty Development program on Cyber Security conducted by Tata Consultancy Service from 15/11/2021 to 26/11/2021
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#### Mr. PRINCE KURIAN

- Analysis and Implementation of Data Security, 10/5/21 to 15/5/21

#### Ms. SALINI DEV P. V.

- Attended Faculty Development program on Cyber Security conducted by Tata Consultancy Service from 15/11/2021 to 26/11/2021



- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Big Data
- Security and Analytics" from 06/12/2021 to 10/12/2021 at Indian Institute of Information Technology Kottayam.
- Attended Train The Trainer (TTT) program on Creating Microsites on Infosys Springboard conducted by Infosys Spring Limited from August 31 to Sept.2,2021

#### SEMINAR / WEBINAR

##### Ms. ANJU SUSAN GEORGE

- Webinar on "Global Event: Can India become the Artificial Intelligence (AI) Superpower?" organized by NDLI Club, VJCET on 12/11/2021.
- Webinar Series on "Cyber Security" organized by IIIT, Kottayam and Cyber Security and Information Security Labs from 12/11/2021 to 14/11/2021.
- Workshop on "Entrepreneurship Skill, Attitude and Behavior Development" organized by NDLI Club, VJCET on 28/01/2022.
- Webinar on "Global Event: Cyber Security Attacks and How to Protect Yourself" organized by NDLI Club, VJCET on 28/01/2022.
- Webinar on "Indian IT Engineers - Expectations Vs Reality" organized by NDLI Club, VJCET on 31/01/2022.
- Webinar on "Global Event: Impact of Technology on the conduct of Warfare" organized by NDLI Club, VJCET on 04/02/2022.
- Webinar on "Talk on Electric Vehicles" organized by NDLI Club, VJCET on 16/02/2022.

##### Ms. JESLINE JOSEPH

- Webinar Series 1.0 on Cyber Security by IIIT Kottayam from 12/11/2021 to 14/11/2021
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- Webinar on "Indian IT Engineers - Expectations Vs Reality" organized by NDLI Club, VJCET on 31/01/2022.

##### Mr. SANTHANU P. MOHAN

- Webinar Series 1.0 on Cyber Security by IIIT Kottayam from 12/11/2021 to 14/11/2021
- Webinar Series on "Cyber Security" organized by IIIT, Kottayam and Cyber Security and Information Security Labs from 12/11/2021 to 14/11/2021.
- Workshop on "Entrepreneurship Skill, Attitude and Behavior Development" organized by NDLI Club, VJCET on 28/01/2022.

##### Ms. DIANA BABY

- Webinar Series on "Cyber Security" organized by IIIT, Kottayam and Cyber Security and Information Security Labs from 12/11/2021 to 14/11/2021.
- Workshop on "Entrepreneurship Skill, Attitude and Behavior



Development" organized by NDLI Club, VJCT on 28/01/2022.

- ⇒ Webinar on "Global Event: Cyber Security Attacks and How to Protect Yourself" organized by NDLI Club, VJCT on 28/01/2022.
- ⇒ Webinar on "Indian IT Engineers - Expectations Vs Reality" organized by NDLI Club, VJCT on 31/01/2022.

### EVENTS ORGANISED BY THE DEPARTMENT

#### Ms. JULIET A. MURALI

- ⇒ Second International Conference on Emerging Trends in Materials, Computing and Communication Technologies 'ICETMCCT 2021' Organized by ANNAI VAILANKANNI COLLEGE OF ENGINEERING, AVK Nagar, Pottalkulam during December 9, 2021 and December 10, 2021.

#### Ms. DIANA BABY

- ⇒ Diana Baby, Sujitha Juliet & Anishin Raj M M., "Leukocyte Classification based on Transfer Learning of VGG16 Features by K-Nearest Neighbor Classifier," in Proc. 3rd International Conference on Signal Processing and Communication (ICSPC),2021, pp. 252-256, doi: 10.1109/ICSPC51351.2021.9451707 [Indexed in SCOPUS]
- ⇒ Diana Baby, Sujitha Juliet & Anishin Raj M M, Automated Leukocyte Classification based on Transfer Learning for heterogeneous dataset" in Proc. International Conference on Robotics, Automation and Intelligent systems (ICRAINS 2021) at KITS on 12 and 13 November 2021, Coimbatore (Awaiting indexing in SCOPUS).

### PLACEMENTS



**ERICA S MAMPILLI**  
Capgemini, IBS, Quest



**NINU JOB**  
IBM, Quest



**IRENE MERIYAM JOS**  
UST, Quest



**DEVIKA T S**  
Mindtree, Wipro



**KEVIN J KODIYAN**  
UST



**VIJAY KRISHNA**  
Guidehouse



**ALBIN SIMON**  
Guidehouse India\*

## PEOPLE BEHIND

Staff Editor



**Ms. JULIET A. MURALI**  
Asst. Professor

Student Editor



**NINU JOB**  
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