



# 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 problems
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:



While producing proficient professionals and accountable citizens it is our exertion to ensure that our graduates adhere to ethical values in life and be sensitive to environmental and social issues. The main focus is always to rethink. Technical education is the preparation and training process of those innovators for a country to transmute itself to an advanced nation. I appreciate the efforts taken by the department of IT to inspire students to seek out and acquire.

**Dr.K.K.Rajan**

## FACULTY PUBLICATIONS

- **Sheela.V.K**, "Performance Analysis of Stego-Image Security in Machine Learning "[ "3rd International Conference on Intelligent Communication Technologies and Mobile Networks (ICICV 2021) Paperid:ICICV-014]
- **Dr. A.Nedumaran, Dr. Sheela.V.K**, Book entitled " Digital Signal Processing and Filter Design", Pandit Publication, ISBN:978-93-89044-20-1

## FACULTY DEVELOPMENT PROGRAMS

### Anju Susan George

- 1 week Online Faculty Enablement Program on "Python Programming through INFYTQ Platform" by Infosys from 06/07/2020 to 13/07/2020.
- 3-days Online FDP on "Internet of Things" organized by NITK, Suratkal from 16/07/2020 to 18/07/2020.
- 5 days Online International Faculty Enablement Program on "Linux Fundamentals with Cloud and Container Platform" by RedHat from 22/07/2020 to 28/07/2020.
- AICTE Training and Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 19.10.2020 to 23.10.2020 at Rajagiri School of Engineering and Technology.
- AICTE Training and Learning (ATAL) Academy Online FDP on "Cloud Technology" from 16.11.2020 to 20.11.2020 at Gandhi Institute of Technology and Management

### Dr. Sheela. V. K

- FDP ON OUTCOME BASED EDUCATION SOFTWARE, BY vemedulife software services, on July 4th 2020

## HOD'S MESSAGE



I am extremely happy to present our 1st issue of the newsletter of the academic year 2020 - 21. The newsletter emphasizes the various activities and achievements of IT department throughout the last semester. We have participated and conducted many Webinars, Syllabus Enrichment Programs, Trainings in emerging technologies and Alumni Interactions. I am obliged to the Management and Principal for their encouragement and guidance in all the endeavours of the department. My team of dedicated faculty members will always strive hard to hold high the department in its apex. Let me congratulate the students and faculty members for the 11th volume of the newsletter issued.

**Ms. Anju Susan George**

- Three Days FDP on Artificial Intelligence using MATLAB, held for the period of 25th February 2021 to 27th February 2021, organized by CoreEL Technologies

### Juliet A. Murali

- AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 19.10.2020 to 23.10.2020 at Rajagiri School of Engineering and Technology.
- Attend 7 days virtual workshop on Instructional Design using Agile-ADDIE from 6/07/2020 to 12/07/2020 by ICT Academy of Kerala.

### Ann Preetha Jose

- AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 19.10.2020 to 23.10.2020 at Rajagiri School of Engineering and Technology.
- FDP on IOT Protocols and Security organised by Department of CSE, TOCH Institute in association with CSI on 29.7.2020 & 30.7.2020
- 7Day Virtual Workshop on Instructional design on ADDIE from 6th July2020 to 12th July2020 by ICT Kerala AICTE Sponsored Six Days Short Term Training Programme on "Cyber Security, Cyber Forensics and Cyber Laws" during 31st August 2020 to 5th September 2020 by HITS AICTE Training And Learning (ATAL) Academy
- Online FDP on "Cyber Security" from 1-12-2020 to 5-12-2020 at Indian Institute of Information technology, Kottayam.

### Tiny Molly V

- 1 week FEP on Python Programming through INFYTQ platform organised by Infosys from 6.7.2020 to 13.7.2020.
- AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 19.10.2020 to 23.10.2020 at Rajagiri School of Engineering and Technology.

- ⇒ FDP on IOT Protocols and Security organised by Department of CSE, TOCH Institute in association with CSI on 29.7.2020 & 30.7.2020

#### Salini Dev P.V

- ⇒ 7Day Virtual Workshop on Instructional design on ADDIE from 6th July2020 to 12th July2020 by ICT Kerala
- ⇒ AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 19.10.2020 to 23.10.2020 at Rajagiri School of Engineering and Technology.

#### Diana Baby

- ⇒ 7Day Virtual Workshop on Instructional design on ADDIE from 6th July2020 to 12th July2020 by ICT Kerala
- ⇒ AICTE Training and Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 19.10.2020 to 23.10.2020 at Rajagiri School of Engineering and Technology.
- ⇒ Six days international online workshop on "Machine Learning Applications – An Industrial Perspective" from 11th to 16th January, 2021 organized by Dept. of MCA, St. Joseph's College of Engineering and Technology, Choondacherry, Palai.

### SEMINAR / WEBINAR

#### Anju Susan George

- ⇒ Webinar on "E - Readiness by Educational Institutions during Covid - 19" organized by Department of CSE and IT, Rajagiri School of Engineering and Technology Kochi on 21/07/2020,
- ⇒ Webinar on "Internet of Things with Data Science" organized by NoviTech and Lourdes Matha College of Science and Tehnology, Changanacherry on 29/07/2020.
- ⇒ Webinar on "Machine Learning with Data Analytics" organized by NoviTech and College of Engineering, Pathanapuram on 31/07/2020,
- ⇒ National Seminar on "Cyber Security and Machine Intelligence" organized by Department of Information Technology, VJCET from 30/11/2020 to 01/12/2020
- ⇒ Webinar on "Virtual Labs" organized by NIT Suratkal and VJCET on 04/02/2021

#### Dr. Sheela.V.K

- ⇒ Webinar on virtual labs, organized by Viswajyothi college of Engineering & Technology & NIT Surakkal on 4th Feb 2021
- ⇒ National Seminar on "Cyber Security and Machine Intelligence" organized by Department of Information Technology, VJCET from 30/11/2020 to 01/12/2020

#### Jesline Joseph

- ⇒ Webinar on Effective use of Virtual Mediaorganized by Dept. of Computer Science on 4/7/2020 Dr. Subhash Technical Campus.
- ⇒ Webinar on Deep Learning by Dept. of Computer Science & Engg. VJCET

#### Ann Preetha Jose

- ⇒ Webinar on Effective use of Virtual Mediaorganized by Dept. of Computer Science on 4/7/2020 Dr. Subhash Technical Campus.
- ⇒ Webinar on Deep Learning by Dept. of Computer Science & Engg. VJCET

#### Tiny Molly V

- ⇒ Webinar on "E - Readiness by Educational Institutions during Covid - 19" organized by Department of CSE and IT, Rajagiri School of Engineering and Technology Kochi on 21/07/2020,
- ⇒ Webinar on " Smart Factory Automation with Digital Twin " organised by MTAB Technology Center in association with Thejus Engineering College, Thrissur on 28.7.2020
- ⇒ Webinar on " Value of IEEE publications in Research and Career Development " organised by VJCET in Association with EBSCO & IEEE on 10.8.2020
- ⇒ Webinar on " Document Preparation Using LaTeX" organised by Department of CSE, VJCET in Association with IIIC, R&D, CSI & ISTE on 14.8.2020
- ⇒ Webinar on "How TO File National and International Patents" organised by VJCET in association with IIIC, R&D & IEDC on 17.10.2020
- ⇒ National Seminar on "Cyber Security and Machine Intelligence" organized by Department of Information Technology, VJCET from 30/11/2020 to 01/12/2020
- ⇒ Webinar on "Virtual Labs" organized by NIT Suratkal and VJCET on 04/02.2021

#### Salini Dev P.V

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#### Diana Baby

- ⇒ Webinar on "E - Readiness by Educational Institutions during Covid - 19" organized by Department of CSE and IT, Rajagiri School of Engineering and Technology Kochi on 21/07/2020,
- ⇒ Webinar on " Value of IEEE publications in Research and Career Development " organised by VJCET in Association with EBSCO & IEEE on 10.8.2020
- ⇒ Webinar on "How to File National and International Patents" organised by VJCET in association with IIIC, R&D & IEDC on 17.10.2020
- ⇒ National Seminar on "Cyber Security and Machine Intelligence" organized by Department of Information Technology, VJCET from 30/11/2020 to 01/12/2020

- Webinar on "Virtual Labs" organized by NIT Suratkal and VJCET on 04/02.2021.
- Faculty Development Program on "The Art of Writing Research Papers & The Hidden Tricks of the Publication Process" organized by Department of Computer Engineering, Pimpri Chinchwad College of Engineering, Pune, on 01st February 2021.

### EVENTS ORGANISED BY THE DEPARTMENT

- 2 Days National Seminar on "Cyber Security and Machine Intelligence" on 30/11/2020 to 01/12/2020
- Webinar on "Applications of Multimedia in Cinema" for S5 IT students by Mr. Arun Bose, Creative Director, Cockroach in Cocktail, Chennai on 22-10-2020
- Red Hat CSA-The big Step for your IT Career, Mr. Joseph Job, Chief Technology Officer , Spectrum Softtech Solutions Pvt. Ltd on 22-08-2020 in association with IIC

- Demystifying the Road Ahead-Bursting the B. Tech Myths by Mr.Mridul George ,Senior Software Developer, Nielsen((Alumni Talk) on 06-11-2020 in association with IIC
- Overview on Natural Language Processing " by Sachin Nandhakumar (Alumina 2012-16) Designation: Pursuing MS, Research Assistant @ Otto-von-Guericke University, Germany Former Test Engineer (R&D), Infosys Ltd. ((Alumni Talk) on 05-10-2019
- Webinar on "Stepping into the world of SAP" by Mr. P Harish Mohan, Senior SAP consultant, E&Y Global Ltd. on 30-1-2021 in association with IIC
- Webinar on "Entrepreneurship and decision making "Ms. Krishna Rajan Nair, Lead- Work force management team UST GLOBAL on 13-03-2021 in association with IIC

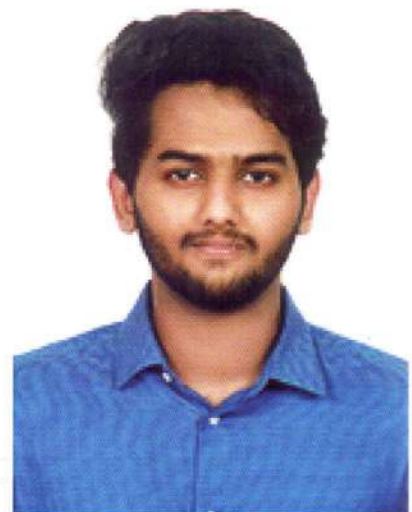
### PLACEMENTS



**Abhinav Sreejeev**  
TCS



**Rosmy Wilson**  
TCS



**Tharun Joy**  
Infosys

## PEOPLE BEHIND

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**Ms. JESLINE JOSEPH**  
Asst. Professor

Student Editor



**ROSMY WILSON**  
S8 IT