



Zealoes

DEPARTMENT OF ELECTRONICS & COMMUNICATION 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 Electronics Engineers with Professional Competence and Global Outlook."

DEPARTMENT MISSION

- To create a vibrant academic ambience conducive for progressive learning.
- Build up excellent infrastructure and lab facilities to train the students in the current & emerging technology.
- Maintain well qualified faculty who are willing to upgrade their knowledge continuously.

- Groom students towards successful careers by facilitating industry-institute relationships and value addition through regular skill-development programmes.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Our Graduates shall be

- Suitably employed in allied industries/services with professional competency and knowledge of modern tools.
- Capable of developing economically viable, technically feasible eco friendly electronic systems.
- Capable to pursue higher studies/research in the field of interest.

PROGRAM SPECIFIC OUTCOMES (PSO)

Students will be able to

1. Analyze and modify electronic products which will find applications in the field of communication and automation.
2. Apply the concepts of signal processing and develop algorithms to solve real-world electronics and communication engineering problems.
3. Design and manage cost effective low power electronic systems to address global challenges with a strong social commitment and ethical values.



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY

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



PRINCIPAL'S MESSAGE:

Engineers play a fundamental role in facilitating the functioning of modern society. The main focus of any Department should be educating students with excellent technical capabilities. The Department of Electronics and Communication Engineering has always strived to produce

high quality engineers who can contribute to the development of mankind. The motivation and encouragement helps students to engage in lifelong learning which would help them to be updated with contemporary developments in the fields of their operation so as to become outstanding performers in the careers they choose. I extend my appreciation to all staff members of the department who train and equip the students in their field of study thereby making them industry-ready.

Dr.K.K.Rajan

FDPS / WORKSHOPS ATTENDED BY FACULTY

Mrs. Smitha Cyriac

- 'Linear Circuits 1 : DC Analysis' by Georgia Institute of Technology offered through Coursera
- 'How Things Work:An Introduction to Physics " by University of Virginia offered through Coursera

Mr. Naveen Jacob

- Evolution of RF Electromagnetics from Microwave to MM Wave Technology", TEQIP-III sponsored STTP, organized by Centre of Excellence in Complex and Nonlinear Dynamic Systems (CoE-CNDS), Veermata Jijabai Technological Institute, Mumbai, during 19th – 23rd December 2020.
- "Antenna: Design & Analysis", AICTE-ISTE sponsored orientation/refresher programme organized by St. Xaviers Technical Institute, Mumbai, during 7th – 12th December 2020.
- "Converting Challenges into Opportunities", international webinar organized by IETE student's forum, Viswajyothi College of Engineering and Technology, on 5th December 2020.
- "Recent Trends in Antenna Engineering & Nanotechnology", national webinar organized by Department of Electronics and Communication Engg., Manipal Institute of Technology, Manipal, during 9th – 14th November 2020.
- "RF Devices for 5G Communication and Measuring Instruments", FDP organized by Department of ECE, Ramakrishna College of Technology, Chennai and Entuple Technologies, 12th – 16th October 2020.
- "Simulation and Co-Simulation of RF Module using CST Studio Suite", webinar organized by IEEE MTT-S Delhi Chapter, in association with M/s. Jyothi Electronics, Ahmedabad, during 4th – 6th September 2020.

HOD'S MESSAGE

I am extremely pleased to address you all through our news letter. It is clear that this pandemic has utterly disrupted our education system. I believe that the integration of information technology in education will be further accelerated and that online education will eventually become an integral component of education. I think all my students cope up with the changes in the mode of their studies. I congratulate all the passed out students and their tutors. I am so proud of the countless hours of study and hard work that 2016-2020 batch students put into finishing the course. Let me also congratulate the staff and students of ECE department for the good performance in the results and placements even in this pandemic situation. Wishing you all the very best.



Mrs. Smitha Cyriac

Mrs. Lekshmi M S

- Coursera on Programming for Everybody(Getting started with Python) an online non-credit course authorized by University of Michigan.
- Coursera on Electric Power Systems an online non-credit course authorized by University at Buffalo, the state university of Newyork.
- Online 5 days FDP on RF devices for 5G Communications &Measuring Instuments from 12/10/2020 - 16/10/2020 organized with dept of ECE,K.Ramakrishnan College of Technology.
- Coursera on Natural Gas an online non-credit course authorized by University at Buffalo, the state university of Newyork.

Mr. Somy P Mathew

- One week AICTE sponsored STTP on Outcome Based Education for Technical Institutions – Phase I by RSET from 14/10/2020 to 20/10/2020.
- National Seminar on Cyber Security and Machine Intelligence organized by Dept. of IT, VJCET on 30/11/2020 and 1/12/2020.

Mrs. Niji Mathews

- Online course on 'How things work: Introduction to physics' authorised by university of Virginiaoffered through Coursera
- Online course on 'Electric power systems' authorized by university at Buffalo, The state university of New york and offered through Coursera
- International online FDP on' Microsystems design and Control Engineering by Dept.of ECE, Saintgits College of Engg., Kottayam from 17/9/2020 to 20/9/2020
- Online FDP on RF devices for 5G Communications& Measuring Instruments by Dept.of ECE, K. Ramakrishna College of Technology, Thiruchirappalli from 12/10/2020 to 16/10/2020

Mrs. Anitta Thomas

- ⇒ Online course on 'How things work: An Introduction to Physics' authorised by university of Virginia and offered through Coursera
- ⇒ Online course on 'Electric power systems' authorised by University at Buffalo, The state University of Newyork and offered through Coursera
- ⇒ Online course on 'Digital Manufacturing and Design' by authorised by University at Buffalo and The state University of New york and offered through Coursera Online FDP on RF devices for 5G Communications & Measuring Instruments by Dept.of ECE, K. Ramakrishna College of Technology, Thiruchirappalli (12/10/2020 - 16/10/2020)

Mrs. Rose Maria Jose

- ⇒ 'Linear Circuits 1 : DC Analysis' Georgia Institute of Technology- Coursera
- ⇒ 'How Things Work: An Introduction to Physics " University of Virginia- Coursera
- ⇒ Introduction to Electronics" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera
- ⇒ Online FDP on RF devices for 5G Communications& Measuring Instruments by Dept.of ECE, K. Ramakrishna College of Technology, Thiruchirappalli (12/10/2020 - 16/10/2020)

Mrs. Merlin Thomas

- ⇒ 5 day Webinar Series on " Soft Skills" by Campus Connect, Infosys from August 3-August 7, 2020
- ⇒ "AI for Everyone", an online non-credit course authorized by deeplearning.ai and offered through Courera.
- ⇒ "Wireless Communications for Everybody" completed on 08/16/2020, an online non-credit course authorized by Yonsei University and offered through Coursera.
- ⇒ Microsystems Design & Control Engineering, online FDP organized by Saintgits College of Engg, Kottayam
- ⇒ Artificial Intelligence, (ATAL) Academy at Rajagiri School of Engineering and Technology
- ⇒ IOT Based Manufacturing & Design-Challenges & Oppurtunity, AICTE sponsored at VJCET by ME Dept.
- ⇒ IOT Based Manufacturing & Design-Challenges & Oppurtunity-Phase 2, AICTE sponsored at VJCET by ME Dept.
- ⇒ Cyber Security, (ATAL) Academy at TKM College of Engineering

Mrs. V K Vanitha Rugmoni

- ⇒ "AI for Everyone", an online non-credit course authorized by deeplearning.ai and offered through Courera
- ⇒ "Wireless Communications for Everybody" completed on 08/16/2020, an online non-credit course authorized by Yonsei University and offered through Coursera
- ⇒ "Linear Circuits 2: AC Analysis" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera
- ⇒ "Security in Cyber Space" an international webinar from 9/11/2020 to

11/11/2020 by MBITS, Kothamangalam.

- ⇒ "Microsystems Design & Control Engineering" conducted by Saintgits College of Engg., Kottayam from 17/9/2020 to 20/9/2020
- ⇒ "IOT Based Manufacturing & Design-Challenges and Oppurtunity", AICTE sponsored at VJCET by ME Dept. from 23/11/2020 to 28/11/2020.

Ms. Cuckoo Anitha Joseph

- ⇒ Coursera online course on Crash course on Python authorized by Google
- ⇒ Online FDP on RF devices for 5G Communications& Measuring Instruments by Dept.of ECE, K. Ramakrishna College of Technology, Thiruchirappalli (12/10/2020 - 16/10/2020)

Ms. Sani John

- ⇒ AICTE sponsored national level online Workshop on 'Application of AI in overcoming challenges in Healthcare Industry' during 4th to 9th Jan 2021 in Knowledge Institute of Technologies, Salem.
- ⇒ 1 week workshop on 'Industry 4.0- Technological Advances and Implications' sponsored by KTU during 17th to 21st June 2019 in Adisankara Institute of Engineering and Technology
- ⇒ Three day workshop on 'Emerging trends in Embedded Systems' sponsored by KTU during 18th to 20th April 2018 in Toc H Institute of Science and Technology

Mrs. Manju Thomas T

- ⇒ IOT Based Manufacturing and Design Challenges and Opportunity(23/11/20-28/11/20) organized by Dept. of ME,VJCET

Mrs. Femy John

- ⇒ Course on "Programming Fundamentals", an online non-credit course authorized by Duke University and offered through Coursera
- ⇒ AICTE Training and Learning (ATAL) Academy online FDP on "Artificial Intelligence" from 19-10-2020 to23-10-2020 at Rajagiri School of Engineering & Technology

Mr. Anish M Jose

- ⇒ AICTE sponsored STTP on "Application of Artificial Intelligence Technique in Overcoming the Challenges of Healthcare Industry" from 16-11-2020 to 21-11-2020
- ⇒ AICTE sponsored STTP on "IoT and Data Science" from 28-12-2020 to 2-1-2021
- ⇒ KTU sponsored online FDP on AI and Machine Learning

Mrs. Mary Nirmala George

- ⇒ Course on "Programming Fundamentals", an online non-credit course authorized by Duke University and offered through Coursera
- ⇒ Coursera on "AI for Everyone", an online non-credit course authorized by deeplearning.ai and offered through Coursera
- ⇒ AICTE Training and Learning (ATAL) Academy online FDP on "Artificial Intelligence" from 19-10-2020 to23-10-2020 at Rajagiri School of

Engineering & Technology

- International online FDP on "Microsystems Design and Control Engineering" organised by Department of ECE Saintgits College of Engineering Kottayam from 17-9-2020 to 20-9-2020

Mr. Jibby Peter Dacruz

- 5 day Faculty development programme on "Artificial Intelligence & Machine Learning: Theory & Applications"

Mrs. Vinija Kurian

- AICTE Training and Learning (ATAL) Academy online FDP on "Artificial Intelligence" from 19-10-2020 to 23-10-2020 at Rajagiri School of Engineering & Technology
- International online FDP on "Microsystems Design and Control Engineering" organised by Department of ECE Saintgits College of Engineering Kottayam from 17-9-2020 to 20-9-2020
- "AI for Everyone", an online non-credit course authorized by deeplearning.ai and offered through Coursera
- "Wireless Communications for Everybody" completed on 08/16/2020, an online non-credit course offered through Coursera
- "Digital Manufacturing & Design", an online non-credit course offered through Coursera

Mrs. Anu C Kunjachan

- Coursera on "AI for Everyone", an online non-credit course authorized by deeplearning.ai and offered through Coursera
- IOT Based Manufacturing & Design-Challenges & Opportunity, AICTE sponsored at VJCET by ME Dept.
- International online FDP on "Microsystems Design and Control Engineering" organised by Department of ECE Saintgits College of Engineering Kottayam from 17-9-2020 to 20-9-2020

WORKSHOPS/ SEMINARS CONDUCTED

- Workshop on Discrete Components for S3 EC students by Mr. Varghese Benny, Rabbitsquare on 11/10/2020, 18/10/2020, 14/11/2020, 15/11/2020.
- Workshop on Mastering Aurdino for S3 EC students by Mr. Varghese Benny, Rabbitsquare on 22/9/2020, 10/10/2020 and 15/11/2020.
- Workshop on Solar Power for S3 students on 15/1/2021 and 16/1/2021.
- Webinar Introduction to Development Boards by Mr. Varghese Benny, Rabbitsquare, in association with IIIC, VJCET on 7/9/2020.
- Webinar Building a Data Science Portfolio by Mr. Dalmy John, Recode AI Solution in association with IIIC, VJCET on 9/9/2020.
- Webinar on CPLD Vs FPGA for S5 EC students by Dr. Riboy Cherian on 28/9/2020.
- Webinar on Scope of VLSI and Timing Analysis by Ms. Anna Pavianose, Senior FPGA Engineer, VVDN Technologies on 31/10/2020.

- Webinar on Current trends in AI Systems for S5 students by Ms. Anjana C, Head of Business Development, Recode AI Solutions Pvt. Ltd. on 14/12/2020.
- Webinar on IoT by Ms. Geethu K S, Bitsforge Embedded System, in association with IIIC, VJCET on 21/1/2021.

IETE

- Organized a workshop on "Introduction to python programming" on 17th & 19th October 2020 for S5 ECE students by Mr. Prince Kurian, Asst. Professor, IT Dept., VJCET
- Organized an International webinar on "Converting challenges into opportunities" for S1 ECE students by Mr. George Tharakan, Senior Delivery director, NTT DATA, UK

CONGRATULATIONS



Mrs. Sani John got admission for Ph. D in School of Engineering at Cochin University of Science and Technology



Mrs. Rosemary Kuruvithadam got admission for Ph. D in Department of Electronics at Cochin University of Science and Technology

RESULT

Semester	Pass Percentage
S8 (2016-20 Batch)	100%
S6 (2017-21 Batch)	88.57 %
S4 (2018-22 Batch)	83.35 %
S2 (2019-23 Batch)	Not declared

PLACEMENTS

SLNo	Name of the Company	Number of Placements (2017-21 Batch)
1	Infosys	6
2	TCS	11
Total offers		17