



# RAMCO INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF ELECTRONICS & COMMUNICATION

### ENGINEERING

## NEWSLETTER

## ELECTROWITS

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The Department of Electronics and Communication Engineering (ECE) is established in the year 2013 with a vision to Develop futuristic technologist in Electronics and Communication Engineering to meet the global challenges and the societal needs of our nation. At present RIT offers a 4-year B.E. ECE programme with a sanctioned intake of 120 students. The Laboratories are equipped with latest technology in the fields of Electronic Devices and Circuits, Digital Electronics, Linear Integrated Circuits, Microprocessors & Microcontrollers, Very Large Scale Integration Circuits, Digital Signal Processing, Communication System, Computer Networks, Optical & Microwave, Embedded Systems that offer opportunities on a wide range of hardware and advanced software packages. In addition to this, the Department has equipped with Research Laboratories such as NI-LabVIEW Research Laboratory, Tessolve Semiconductor Laboratory and Technical Incubation Centre to enrich the knowledge of students and faculty.

The Department encompasses professional associations such as Students Technical Association "RIT Electronica" and professional societies IETE, IE(I), IEEE Photonics society which provides a platform to learn professional and soft skills. The Department had organized various Value Added Courses, Electronica-Association activities, Workshops, Conference, Guest lectures and Industrial Visits. The students had excelled in both co-curricular and extra curricular activities. The Department delights to release the News Letter "Electro-Wits" for the academic year 2024-2025.

## **Vision**

Develop futuristic technologist in Electronics and Communication Engineering to meet the global challenges and the societal needs of our nation.

## **Mission**

- Educate students to become enlightened engineers with the latest know-how to take on the challenges concerned with the society.
- Equip the students with the current trends and latest technologies in the field of Electronics and Communication Engineering to make them technically strong and ethically sound.
- Constantly motivate the students and faculty members to achieve excellence in Electronics and Communication Engineering and Research & Development activities.

## **Program Educational Objectives (PEOs)**

- Graduates will gain knowledge through continuous learning to enhance core competency and career prospects.
- Graduates will be technically competent to design, analyze, develop and implement Electronics and Communication Systems.
- Graduates will apply the basic fundamental concepts in Electronics and related fields to solve general engineering Problems related to societal needs.
- Graduates will be professionals with attributes, passion, positive attitude, ethics and moral values for a successful career.
- Graduates will Communicate effectively and interact responsibly with colleagues, employees, team members, clients and the society.

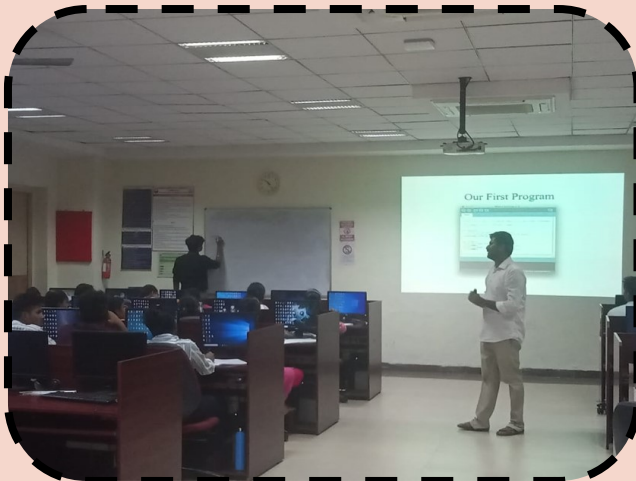
## **Program Specific Outcomes (PSOs)**

After successful completion of the degree, the students will be able to

- Adapt to emerging trends in Information and Communication Technology by innovating new ideas to solve existing/novel problems.
- Excel in latest technologies of Embedded Systems.
- Design, analyze and develop electronic products in the area of VLSI Design and Communication Systems.
- Contribute as Entrepreneurs in building electronic products

## RIT ELECTRONICA—Events Organized

- Department of Electronics and Communication Engineering, in association with RIT Electronica, organized a workshop on “Hands-On Circuit Design and Simulation with Proteus Software” on 16th November 2024, exclusively for III Year ECE students. A total of 36 students from ECE A and B sections actively participated in the event. The session was conducted by Dr. N. Pothirasan, M.Tech, Ph.D. (Proprietor, Hashan Medicare), who provided in-depth training on designing and simulating circuits using Proteus software, focusing on practical implementation and simulation techniques. The workshop was coordinated by student representatives Mr. K. Karthikeyan, Mr. S. Kumaran, Ms. R. Sowmiya, and Ms. S. Sri Dharshini, with guidance from faculty coordinators Dr. A. Lakshmi, Professor/ECE, and Mrs. G. Subhashini, Assistant Professor/ECE. The event received positive feedback, highlighting the relevance of the training and its contribution to enhancing students' technical skills in circuit design.



## RIT ELECTRONICA—Events Organized

Department of ECE, Ramco Institute of Technology, in association with IEEE Photonics Society SBC, Madras Section, organized a Five Day Non - Teaching Staff Short Term Training Programme on, “**Empower 360: Skill Enhancement for Non-Teaching Staff**” Schedule” during 03-07 February,2025. The programme started with a formal inaugural function. Mr.S.Subbaiya, Service Manager from GST Scientific Solutions delivered a lecture about basic calibration of Equipment. Mr.P.Pandiganesh, Properitor, HEM equipments, Madurai delivered hands on session on troubleshooting and debugging various equipments. Mr.R.Deivanayagam, AP/ECE, Ramco Institute of Technology delivered a lecture on basics of Artificial Intelligence. Explore on Microsoft Tools session delivered by Mr.B.Kannan, AP(SG)/ECE, Ramco Institute of Technology. A hands-on session on Photoshop, CorelDraw and Micro-Soft Office Tools was delivered by Mr.E.Thangam, AP(SG)/EEE, Ramco Institute of Technology. Green energy and sustainability practices session was delivered by Mr.R.Arun Kumar, AP(SG)/Mech, Ramco Institute of Technology. Work place ethics and professionalism session was delivered by Dr.A.Lakshmi, Professor/ECE, Ramco Institute of Technology. Dr.P.Thiruramanathan, ASP/Physics delivered a session on stress management and personality development. Overall 73 participants participated in this STTP including 17 external participants from various colleges.



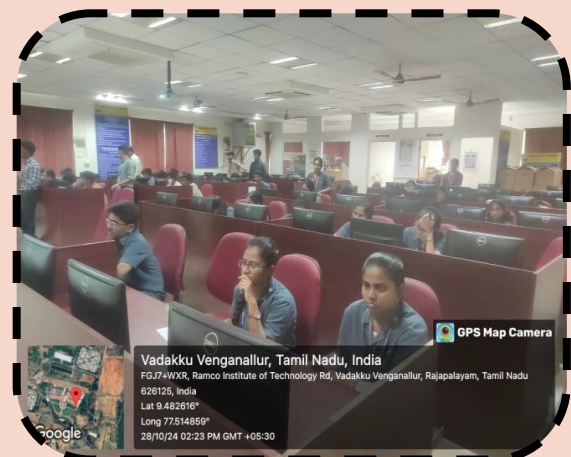
## RIT ELECTRONICA—Events Organized

- Department of Electronics and Communication Engineering in association with RIT-ELECTRONICA jointly organized a “Group Discussion” on 22.04.2025 for II & III year ECE students. Four teams from II & III year ECE were actively participated in this event. The discussion fostered critical thinking and highlighted the need for ethical and strategic use of AI tools. Students recommended organizing AI skill workshops and AI ethics seminars as a follow-up. The event concluded with the understanding that AI is not the enemy or the savior—it is a tool that reflects how we choose to use it. Mrs.V.Krishna Meera, AP/ECE and Ms.R.Chandralekha, AP/ECE, coordinated this programme. Student coordinator Ms.P.Deepika, IV Year ECE A, Ms.B.Ponkarthika, II Year ECE B coordinated the event.



## Professional Society: IE (I) — Events Organized

- Department of Electronics and Communication Engineering in association with IE (I) student chapter jointly organized competition on “Technical Quiz” event on 06.09.2024 (Friday) at ECE seminar Hall for II & III year students. The quiz competition witnessed remarkable participation from 17 teams of II and III year. The quiz challenged the participants across various domains, testing their knowledge, quick thinking, and problem-solving abilities. The students’ performance was evaluated based on their depth of knowledge, accuracy, application of concepts, clarity in reasoning, and responsiveness to rapid-fire rounds. The event highlighted their intellectual curiosity and competitive spirit, fostering an engaging and stimulating environment. Mrs.G.Subhashini, AP/ECE coordinated the event. Student coordinators Mr.K.Abinav, IV Year ECE A, Ms.B.Rithika, IV Year ECE B, Ms.K.Nashroonfazila, III Year ECE B, Ms.A.Nandhiya, III Year ECE B coordinated the event & student’s feedbacks were collected.
- Department of Electronics and Communication Engineering in association with IE (I) student chapter jointly organized an Inter Departmental Aptitude Test on 28.10.2024 at DSP Laboratory for all interested II year & III year students. 39 students from II & III year students were actively participated in this Aptitude Test. Faculty Coordinator Mr.R.Deiva Nayagam -Assistant Professor, Department of ECE, Ramco Institute of Technology delivered the importance about the Aptitude Test. The test was conducted in two rounds. The first round consisted of basic questions, from which 17 students were shortlisted. The second round included slightly more complex and tricky questions. Finally, the top three students from round 2 were shortlisted and felicitated with appreciation certificates. Student coordinators Ms.S.Sri Darshini, Ms.S.Nevashene, Mr.Gokul Sundar and Mr. Jagadish Sriram coordinated the event & student’s feedbacks were collected.



## Professional Society: IE (I) — Events Organized

- The Dept. of ECE, in association with IE (I), conducted a Technical Film Show event for the second and third year ECE students on November 9, 2024. 21 students from II-year ECE and III-year ECE students were actively participated in this Technical Film Show. The primary aim of the Technical Film Show is to measure the problem statement, analysis, planning and implementation, communication, and conclusion. Emphasizing clear communication, inclusivity, and positive engagement throughout the process will help the group reach informed decisions and develop actionable plans for addressing technical challenges. Participants engage in dynamic exchanges of ideas, drawing from diverse expertise and perspectives, which stimulates creativity and innovation. This Technical Film Show not only expand individual understanding and skills but also foster a supportive environment where participants feel valued and connected. Student coordinators Ms.S.Kavya Priya, Ms.P.Adithiya, III Year ECE A, Mr.M.Santhosh, Mr.S.Santhosh, III Year ECE B were coordinated the event & collected the student's feedbacks.
- The Department of Electronics and Communication Engineering in association with IE (I) of Ramco Institute of Technology organized a Seminar on “Green Communication” on 16.04.2025 (12.00P.M to 01.00P.M) for III year ECE students. Resource Person Dr.V.Noor Mohammed, Professor and Head /SENSE, VIT, Vellore, Delivered a lecture on “Green Communication” in this seminar. For this seminar 110 students were participated from III Year ECE. The event was organized by RIT ECE Department second and third year students Ms.Selvapriyadharshini S, Mr.S Guruprasath, Mr.Sorimuthu ,Ms.Sowmiya R, Ms.Subhasini Selvamathi V, Mr.Thava Khishore Ram M. He explained the implementation of hardware and software techniques in the Information and Communication Technology (ICT) that aim to reduce energy consumption.



## Professional Society: IE (I) — Events Organized

- The Department of ECE, in association with IE(I), conducted a national-level workshop on “Measurement of RF and Microwave Devices using VNA” for third-year ECE students on 05.05.2025. A total of 70 students actively participated in the event. The workshops aimed to measure and analyze the performance characteristics of RF and microwave devices using a Vector Network Analyser (VNA). Key parameters such as the reflection coefficient (S11), transmission coefficient (S21), return loss, insertion loss, and impedance matching over a specified frequency range were covered. RF and microwave devices are vital in modern communication systems, including wireless networks, radar, satellite, and aerospace applications. Their performance must be accurately characterized to ensure signal integrity at high frequencies. A VNA is a specialized instrument that measures the S-parameters (scattering parameters) of these devices, providing insights into how they reflect and transmit signals. By using a VNA, engineers can analyze device behavior over a wide frequency range, which supports the design, testing, and optimization of high-frequency components. The hands-on session helped students understand the operation of the VNA and perform practical measurements on RF and microwave devices. The event was organized by Dr. C. Arunachala Perumal, Professor and Head of the Department of ECE, and coordinated by Dr. P. Venkatesh, Associate Professor-I/ECE, and Mr. R. Ramasamy, Assistant Professor/ECE. Student coordinators Mr. Srihari A, Ms. Puvansri S, and Ms. Rajapreethika S managed the event, and feedback was collected from the participants.



## Professional Society: IETE — Events Organized

- The Department of Electronics and Communication Engineering, in association with the IETE Student Chapter, successfully organized the "Innovative Technical Paper Presentation" event on 15.10.2024 at the NI Lab. The event, held from 2:00 PM to 4:00 PM, witnessed active participation from students across various disciplines, demonstrating their research work and innovative ideas. A total of 12 teams consisting of 28 participants presented their papers, each team comprising 3 members. The students showcased a wide array of topics covering cutting-edge technologies, engineering solutions, and emerging research trends. The event provided an excellent platform for knowledge sharing and fostered innovation among the participants. The event was coordinated by Mrs. G. Subhashini, AP/ECE, and Ms.L.K.Krishnakumari, AP/ECE, along with student coordinators Ms.G. Dharshini, IV ECE A, Ms. A. Ruhaina Thasneem, IV ECE B, Mr.S.R. Narendhran , III ECE B, Ms. M. Afritha, II ECE A, Ms.S.Pooja, II ECE B. Their efforts ensured the smooth execution of the event, from organizing teams to managing the schedule.



- IETE Students Chapter of ECE Department organized a Technical event “Technical Poster Presentation” on the topic "Artificial Intelligence (AI) – Impact on Different Sectors" for all the students of our institution. Around 37 students participated in this technical event. The students uploaded their poster using the Google form link provided through the QR code in the brochure. The winners of the event are Ms.S.Sridharshini, Ms.R.Nivetha & Ms.R.Rashika. E-certificate has been provided to all the participants. The event was organized by the student coordinators Mr.S.Dharsan IV Year ECE B, Ms.R.Vaishnavi III Year ECE B, Ms. A.Amirtha Lakshmi II Year ECE A & Mr.R.Sanjay Kumar of II year ECE B.

## Professional Society: IETE — Events Organized

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**Professional Society: IEEE Photonics — Events Organized**

Sl.No	Details of Activity	Date	Status
1	Guest Lecture on “Solar Energy Harvesting and Opto-Electronic Materials”	15.10.2024	Completed
2	Guest Lecture on “Biomedical Image Compression”	20.12.2024	Completed
3	A Five days STTP on “Empower 360: Skill Enhancement for Non Teaching Staff”	03.02.2025 to 07.02. 2025	Completed

**RAMCO INSTITUTE OF TECHNOLOGY**   
 (Approved by AICTE and Affiliated to Anna University, Accredited by NAAC A+, AN ISO 9001:2015 Certified)  
 Rajapalayam – 626 117, Virudhunagar District, Tamil Nadu.

Department of Electronics and Communication Engineering   
 (Accredited by NBA)

**RJT – IEEE Photonics Society – Student Branch Chapter**  
**SBC11408**

**Guest Lecture on**  
**“Bio Medical Image Compression”**



**Dr. M. Moorthi**  
 Professor & Head,  
 Biomedical & Medical Electronics (ECE),  
 Saveetha Engineering College, Chennai

 **Date: 20.12.2024**  
**Time: 11.00 AM**  
**Venue: ECE Seminar Hall**

**RAMCO INSTITUTE OF TECHNOLOGY**   
 (Approved by AICTE and Affiliated to Anna University, Accredited by NAAC A+, AN ISO 9001:2015 Certified)  
 Rajapalayam – 626 117, Virudhunagar District, Tamil Nadu.

Department of Electronics and Communication Engineering   
 (Accredited by NBA)

**RJT – IEEE Photonics Society – Student Branch Chapter**  
**SBC11408**

**Guest Lecture on**  
**“Solar Energy Harvesting and Opto-Electronic Materials”**



**Dr. Susanta Kumar Tripathy**  
 Professor  
 Dept. of Electronics & Communication Engineering  
 National Institute of Technology Silchar,  
 (An Institution of National Importance by MHRD, Govt. of India)  
 Silchar, 788010, Assam, India

 **Date: 15.10.2024**  
**Time: 12.00 PM**  
**Venue: ECE Seminar Hall**

## INTERNATIONAL CONFERENCE ORGANIZED

### Two-day international conference on "Smart Technologies in Electronics and Photonics systems

3<sup>rd</sup> to 4<sup>th</sup> April 2025

The event commenced with a welcome address by Dr. C. Arunachalaperumal, Professor & Head of ECE and Organizing Secretary. Dr. L. Ganesan, Principal of Ramco Institute of Technology, delivered the presidential address, while Dr. S. Rajakarunakaran, Vice-Principal, delivered the felicitation. Dr. S. Vairaprakash, Associate Professor of ECE, announced that the conference attracted 220 participants and received 73 research papers from engineering colleges worldwide. He emphasized the conference's focus on electronics and photonics and encouraged young minds to innovate in smart solutions, particularly in areas such as artificial intelligence (AI), machine learning, the Internet of Things (IoT), and advanced materials in electronic and photonic devices.



## INTERNATIONAL CONFERENCE ORGANIZED

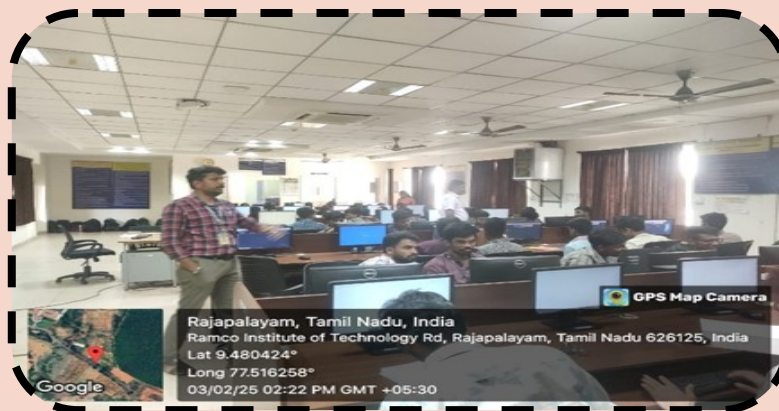
### Two-day international conference on "Smart Technologies in Electronics and Photonics systems"

On 3rd April 2025, the conference featured a series of technical paper presentations categorized into four parallel tracks during both the forenoon and afternoon sessions, allowing a diverse range of topics in smart technologies, electronics, and photonic systems to be covered extensively. Participants from various institutions presented their innovative research in areas such as Artificial Intelligence, IoT, advanced materials, signal processing, and embedded systems. On 4th April 2025, the conference continued with four parallel tracks each during the forenoon session, maintaining the same level of academic rigor and participation. Each session was meticulously evaluated by a panel comprising both industry professionals and academic experts, who assessed the quality of research, presentation clarity, innovation, and practical relevance. The evaluation process ensured fair judgment and provided constructive feedback to all participants, fostering a rich learning environment and encouraging research excellence.



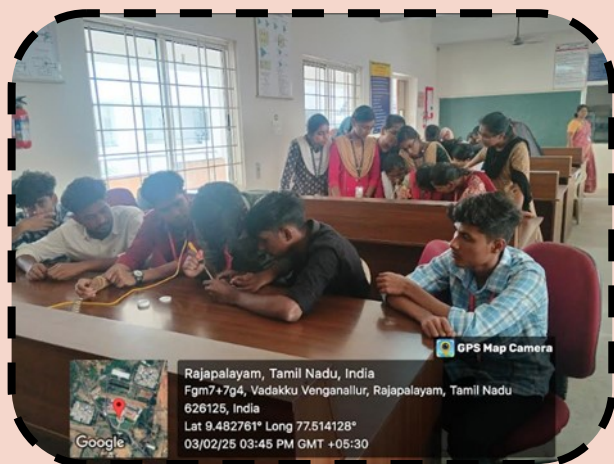
## VALUE ADDED COURSES

- Department of Electronics and Communication Engineering organized a Value Added Course on “Python Programming Essentials for AI Applications” from 03.02.2025 to 07.02.2025 for II year ECE students. A total of 62 students actively participated in the programme. The sessions began with an Introduction to AI by Ms. L. Krishnakumari, highlighting AI history, concepts, and applications. Dr. P. Venkatesh conducted a hands-on session on basic Python programming, improving students’ coding skills. On 04.02.2025, Ms. S. Harini Shriram and Mr. R. Deivanayagam trained students on Python packages and data handling using NumPy, Pandas, and Matplotlib. Dr. S. Vairaprakash and Ms. L. Krishnakumari delivered sessions on machine learning concepts with case studies. On 06.02.2025, Mr. S. Lingesh from Adshis Pvt Ltd, Chennai, engaged students with ML applications and real-world projects. On 07.02.2025, Dr. S. Thayammal from Deep Dive Technologies, Sivakasi, handled Deep Learning and its Project Implementations. All sessions were interactive, combining lectures, demonstrations, and hands-on practice. The programme received positive feedback from students for enriching their technical knowledge and practical exposure.



## VALUE ADDED COURSES

- The Department of Electronics and Communication Engineering organized a Value Added Course on “Circuit Design: Concepts to Reality” from 03.02.2025 to 07.02.2025 at DSP, EDC, and LIC Labs. A total of 62 students from II Year ECE (A & B) actively participated in the programme. The course was coordinated by Dr. A. Lakshmi with sessions handled by senior faculty members of ECE. Day 1 covered Basic Electronic Components, Soldering, and PCB Design with hands-on practice. Day 2 focused on Diodes and Rectifier Circuits, enabling students to design and test power supply circuits. Day 3 introduced Multivibrators and Timer IC 555, with practical waveform generation and PWM exercises. Day 4 dealt with Transistors and Applications in amplification, switching, and oscillator circuits. Day 5 concentrated on Operational Amplifiers and Voltage Regulators with simulation and hardware implementation. Students also worked on mini-projects, PCB design, soldering tasks, and participated in a quiz-based assessment. The programme was well-received, with positive feedback highlighting practical exposure and improved circuit design skills.



## FACULTY PARTICIPATION

### Dr.C.Arunachalaperumal

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
100-300GHz Wireless: Transistors, IC's, Systems	IEEE IISc VLSI & MTT AP-S Students Branch Chapter	24.06.2024
Common Yoga Protocol Training Course	Shree Hanuman Vyaym Prasarak Mandal, Amravati, Maharashtra	01.06.2024 to 21.06.2024
Webinar on, "Recent Advances on Low Phase Noise mmWave Recent Advances on Low Phase Noise mmWave Oscillators"	IEEE-IISc VLSI Chapter	11.07.2024
Workshop on, "ANTENNA SIMULATION TESTING AND EVALUATION WORKSHOP (ASTEW-2024)".	CHRIST University IEEE APS Student Branch Chapter, Department of ECE and IEEE AP/MTT Joint Chapter Bangalore	18.07.2024 to 20.07.2024
IEEE DL on, "Circuit Ideas to Boost BiCMOS ICs for Wireless Backhaul".	IEEE-IISc VLSI Chapter	25.07.2024
An Art of writing Research Proposals for various Funding Agencies	Department of Physics, RIT Research Council and Central Library	02.08.2024
Impact of Research in Ranking and Accreditation	Ramco Institute of Technology	09.11.2024
Five-Day FDP on, "Intelligent Microwave Devices".	VIT Chennai	25.11.2024 to 29.11.2024
ATAL FDP on, "Research applications in Artificial Intelligence and Machine Learning".	ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING	02.12.2024 to 07.12.2024
Recent Development in RF and Antenna Design for Various Applications	Government Engineering College, Rajkot	27.01.2025 to 01.02.2025
Guest Lecture on, "The Role of Power Converters in Renewable Energy Systems".	Stella Marry's College of Engineering	10.02.2025
Basic FDP on AICTE IDEA Lab	Visvesvaraiya Technological University	17.03.2025 to 21.03.2025

## FACULTY PARTICIPATION

### Dr.A.Lakshmi

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
Recent Advances on Low Phase Noise mmWave Oscillators	IEEE-IISc VLSI Chapter	11.07.2024
Three days' workshop [Virtual Mode] on "Outcome Based Education	IQAC of Ramco Institute of Technology	24.07.2024 to 26.07.2024
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
An Art of writing Research Proposals for various Funding Agencies	Department of Physics, RIT Research Council and Central Library	02.08.2024
Computer Vision and Gen-AI Tools	Ramco Institute of Technology	15.07.2024 to 27.07.2024
Workshop on Protect your Innovations: A Comprehensive Guide to IPR"	Ramco Institute of Technology	09.12.2024
Extramural Lecture Series (ELS)- Mapping the CDIO Syllabus for Sustainability"	RIT-IQAC	20.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
Importance of Artificial Intelligence in Robotics	IIITDM Kurnool	20.1.2025 to 25.01.2025
Empower 360:Skill Enhancement For Non-Teaching Staff	Department of ECE, Ramco Institute of Technology	07.02.2025
Five Day-National Level Faculty Development Programme on Competency Based Engineering Education	Department of EEE, Ramco Institute of Technology	10.02.2025 to 13.02.2025

### Dr.A.Azhagu Jaisudhan Pazhani

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION	Star International Foundation for Research and Education	01.07.2024 to 07.07.2024
ATAL FDP on Cutting Edge AI for Autonomous Vehicles: Advanced Research and Innovation	Kalasalingam Academy of Research and Education, Krishnankoil	09.12.2024 to 14.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024

## FACULTY PARTICIPATION

### Dr.S.Vairaprakash

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Substrate Integrated Waveguide and Dielectric Image Line Based Circuit Components and Antennas	IISc MTT/AP-S Student Branch Chapte	06.12.2024
Extramural Lecture Series (ELS)- Mapping the CDIO Syllabus for Sustainability”	RIT-IQAC	20.12.2024
Competency Based Engineering Education	Ramco Institute of Technology	10.02.2025 to 15.02.2025
Deep Learning and Computer Vision in the Field of Clinical Research	Thiagarajar College of Engineering	17.02.2025 to 22.02.2025
AI and Machine Learning for Electrical Engineers	Ramco Institute of Technology	05.05.2025 to 09.05.2025

### Dr.R.Rajalakshmi

FDP on " Computer Vision & Gen-AI Tools"	Ramco Institute of Technology	15.07.2024 to 27.07.2024
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Reconfigurable CMOS Receivers for Global Navigation Satellite Systems	IEEE,IISc	24.08.2024
NI LabVIEW Applications using myDAQ and myRIO	Ramco Institute of Technology	27.08.2024 to 31.08.2024
Six day FDP on "Next Gen Educators: Harnessing the power of Machine Learning"	Jeppiaar Institute of Technology	25.09.2024 to 01.10.2024
ATAL FDP on "Semiconductor Materials and Manufacturing Technology: Driving the Semiconductor Ecosystem (SMMT-2024)"	ASSAM DOWN TOWN UNIVERSITY	2.12.2024 to 7.12.2024
Beyond Moore's Law: Machine Learning-Driven Approaches to Semiconductor Design	KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY	16.12.2024 to 21.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
NEP Orientation & Sensitization Program	MMTTC of NIT Warangal	01.02.2025 to 08.02.2025
Five day National Level FDP on "Competency- Based Engineering Education"	Ramco Institute of Technology	10.02.2025 to 15.02.2025

## FACULTY PARTICIPATION

### Mr.B.Kannan

Title of the Programme	Organized By	Date(s)
e-Yantra Teachers Robotics Competition (e-YTRC) 2024	SRM University	20.08.2024
Empower 360: Skill Enhancement for Non-teaching Staff	Ramco Institute of Technology	05.02.2025
IEEE Xplore Digital Library Training Program	Ramco Institute of Technology	20.02.2025

### Mrs.G.Gnana Priya

One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
An Art of writing Research Proposals for various Funding Agencies	Department of Physics, RIT Research Council and Central Library	02.08.2024
FDP on "Communication, Signal Processing and Recent Technologies for Different Applications"	BB Institute of Technology, Kolkata	22.10.2024 to 28.10.2024
Extramural Lecture Series (ELS)- Mapping the CDIO Syllabus for Sustainability"	RIT-IQAC	20.12.2024
Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions	NIT Trichy	23.12.2024 to 28.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
FDP ON INDIAN HEALTH, WELLNESS AND PSYCOLOGY (INCLUDING AYURVEDA)	Nehru College of Engineering and Research Centre	20.01.2025 to 25.01.2025
IEEE Xplore Digital Library Training Program	Ramco Institute of Technology	20.02.2025
Five day National Level FDP on "Competency- Based Engineering Education"	Ramco Institute of Technology	10.02.2025 to 15.02.2025

## FACULTY PARTICIPATION

### Mrs.V.SrirengaNachiyar

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Industry Assisted Lecture On Hands On Session On Using Data-Prep-Kit For Fine Tuning Lms	PALS	27.08.2024, 29.08.2024 & 31.08.2024
Two days FDP on Advanced AI tools for preparing Research Paper	SASI Institute of Technology and Engineering in association with Pencil Bitz	08.11.2024 to 09.11.2024
ATAL FDP on "Next Generation smart grids for Sustainable Power Systems: The path from Industry 4.0 to 5.0"	Sri Krishna college of Engineering and Technology	02.12.2024 to 07.12.2024
Extramural Lecture Series (ELS)- Mapping the CDIO Syllabus for Sustainability"	RIT-IQAC	20.12.2024
ATAL FDP on "Quantum Computing- Research Perspective in Healthcare Applications"	P.S.R. Engineering College	16.12.2024 to 21.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024

### Mrs.R.Ramalakshmi

FDP on "Communication at Work Place"	NITTTR Chandigarh	22.07.2024 to 26.07.2024
FDP on "5G and its Use cases"	NITTTR Chandigarh	29.07.2024 to 02.08.2024
Extramural Lecture Series (ELS)- Mapping the CDIO Syllabus for Sustainability"	RIT-IQAC	20.12.2024
Recent Trends in 5G/6G Wireless Communication	ATAL SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY	06.01.2025 to 11.01.2025
Naan Mudhalvan FDP - AURC Madurai - EBPL (Design Thinking)	Naan Mudhalvan Team	10.02.2025 to 16.02.2025

## FACULTY PARTICIPATION

### Mr.D.Gopinath

Title of the Programme	Organized By	Date(s)
ANTENNA SIMULATION TESTING AND EVALUATION WORKSHOP (ASTEWS-2024)	CHRIST University IEEE APS Student Branch Chapter, Department of ECE and IEEE AP/MTT Joint Chapter Bangalore	18.07.2024 to 20.07.2024
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Faculty Enablement Programme (FEP) on Artificial Intelligence	Infosys Springboard , Anna University, Chennai	16.12.2024 to 23.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
Recent Development in RF and Antenna Design for Various Applications	Government Engineering College, Rajkot	27.01.2025 to 01.02.2025

### Mr.A.Rameshbabu

An Art of writing Research Proposals for various Funding Agencies	Department of Physics, RIT Research Council and Central Library	02.08.2024
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
IEEE FDP on "Design and Applications of Semiconductor Devices"	Sri Sairam Institute of Technology	05.08.2024 to 10.08.2024
ATAL FDP on "VLSI Design Innovations for Defence Applications"	GMR INSTITUTE OF TECHNOLOGY	09.12.2024 to 14.12.2024
Opto-Electronic Transceiver Array for Low-power and High Bandwidth Density Wire line Links	IEEE-IISc VLSI Chapter	03.01.2025
No Risk RISC-V Perspective of a Microarchitecture Researcher in RISC-V Era	IEEE-IISc VLSI Chapter	10.01.2025
FDP ON INDIAN HEALTH, WELLNESS AND PSYCOLOGY (INCLUDING AYURVEDA)	Nehru College of Engineering and Research Centre	20.1.2025 to 25.01.2025
Intellectual Property Rights and Their Significance in Scientific Research	Amity University	22.04.2025

## FACULTY PARTICIPATION

### Mr.P.Gunasekaran

Title of the Programme	Organized By	Date(s)
AI Tools for Teaching	Star International Foundation for Research and Education	22.06.2024
ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION	Star International Foundation for Research and Education	01.07.2024 to 07.07.2024
Training and Orientation Program on Drone Technology	Garuda Aerospace pvt ltd, Chennai	22.07.2024 to 26.07.2024
Cisco Networking Essential 2.0	K.L.N. College of Engineering	05.08.2024 to 10.08.2024
ATAL FDP on Cutting Edge AI for Autonomous Vehicles: Advanced Research and Innovation	Kalasalingam Academy of Research and Education, Krishnankoil	9.12.2024 to 14.12.2024
Extramural Lecture Series (ELS)- Mapping the CDIO Syllabus for Sustainability”	RIT-IQAC	20.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024

### Mr.R.Deiva Nayagam

Medical Imaging in the Third Dimension: Advanced Techniques and Clinical Applications	Maharaja Agrasen Institute of Technology	16.12.2024 to 21.12.2024
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### Mr.G.Sivakumar

One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Research Challenges, issues and trends in Data Science and Machine learning	PSN College of Engineering and Technology, Tirunelveli	18.11.2024 to 22.11.2024
ATAL FDP on "Next Generation smart grids for Sustainable Power Systems: The path from Industry 4.0 to 5.0"	Sri Krishna college of Engineering and Technology	02.12.2024 to 07.12.2024
INTERNET OF THINGS AND ITS APPLICATIONS	Shri Sitarambhai Naranji Patel Institute of Technology, Managed by Vidyabharti Trust, UmraKh - Bardoli	16.12.2024 to 21.12.2024

## FACULTY PARTICIPATION

### Dr.P.Venkatesh

Title of the Programme	Organized By	Date(s)
Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions	NIT Trichy	23.12.2024 to 28.12.2024
FDP on Advanced Antenna Technologies for Sensing and Imaging Applications	ICFAI foundation	02.09.2024 to 06.09.2024

### Ms.S.Harini shriram

ADAS ECU Simulation and Testing	NM, UCE, Dindigul	29.08.2024 to 03.08.2024
Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions	NIT Trichy	23.12.2024 to 28.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
IEEE Xplore Digital Library Training Program	Ramco Institute of Technology	20.02.2025
Python For Data Science	IIT Madras	Jan-Feb 2025

### Mr.R.Ramasamy

Introduction to Industry 4.0 and Industrial Internet of Things	IIT Kharagpur	July 2024 to October 2024
Latest Developments in RF Technologies in 8 5G and Beyond	Rajalakshmi Engineering College	30.07.2024 to 06.08.2024
ATAL FDP on, "IoT in Healthcare: Transforming Patient Care and Management"	SRI VENKATESWARA COLLEGE OF ENGINEERING	09.12.2024 to 14.12.2024

## FACULTY PARTICIPATION

### Mrs. G.Subhashini

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
Signal Processing in Physical Layer of Futuristic Wireless Communications	Thiagarajar college of Engineering	14.06.20224 to 18.06.2024
Three days' workshop [Virtual Mode] on "Outcome Based Education	IQAC of Ramco Institute of Technology	24.07.2024 to 26.07.2024
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Five day STTP on "NI LabVIEW Applications using myDAQ and myRIO"	Ramco Institute of Technology	27.08.2024 to 31.08.2024
Beyond Moore's Law: Machine Learning-Driven Approaches to Semiconductor Design	ATAL - KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY	16.12.2024 to 21.12.2024
Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions	NIT Trichy	23.12.2024 to 27.12.2024

### Ms.L.Krishna kumari

Computer Vision and Gen-AI Tools	Ramco Institute of technology	15.07.2024 to 27.07.2024
NI LabVIEW Applications using myDAQ and myRIO	Ramco Institute of Technology	27.08.2024 to 31.08.2024
Emerging Cutting Edge Technologies in CMOS: Trends and Challenges	NIT, Silchar	11.12.2024 to 15.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
Metamaterials and Smart Structures for Energy Harvesting	NIT Silchar	07.01.2025 to 11.01.2025
Importance of Artificial Intelligence in Robotics	IITDM Kurnool	20.01.2025 to 25.01.2025
Innovative AI Tools for Research Excellence	Ramco Institute of Technology	27.01.2025 to 01.02.2025
Artificial intelligence for Science and Engineering	NIT, Nagaland	17.02.2025 to 22.02.2025
Antennas & RF Circuits for Radio Frequency Energy Harvesting Applications for energizing low power device	Tripura University, Tripura, India	24/02/2025 to 01/03/2025

## FACULTY PARTICIPATION

### Ms. R.Chandralekha

<b>Title of the Programme</b>	<b>Organized By</b>	<b>Date(s)</b>
Three days' workshop [Virtual Mode] on "Outcome Based Education	IQAC of Ramco Institute of Technology	24.07.2024 to 26.07.2024
One day workshop on Exploring AI tools for Effective Academics	RIT Research Council and Central Library	29.07.2024
Cisco Networking Essential 2.0	K.L.N. College of Engineering	05.08.2024 to 10.08.2024
Two days FDP on Advanced AI tools for preparing Research Paper	SASI Institute of Technology and Engineering in association with Pencil Bitz	08.11.2024 & 09.11.2024
ATAL FDP on "Next Generation smart grids for Sustainable Power Systems: The path from Industry 4.0 to 5.0"	Sri Krishna college of Engineering and Technology	02.12.2024 to 07.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
ATAL-Sponsored One-Week Online Faculty Development Program (FDP) "Navigating the Green Revolution: Integrating Electric Vehicles and Hydrogen Fuel Technologies for Sustainable Mobility"	Department of EEE, Kamaraj College of Engineering and Technology	03.02.2025 to 08.02.2025

### Mrs.V.Krishna Meera

ADAS ECU Simulation and Testing	NM,UCE,Dindigul	29.08.2024 to 03.08.2024
Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions	NIT Trichy	23.12.2024 to 28.12.2024
R&D Conclave 2024 for Faculty members and Researchers	RIT-RC	26.12.2024
IEEE Xplore Digital Library Training Program	Ramco Institute of Technology	20.02.2025
Tips and Best Practices to Get Published from IEEE Editors	IEEE	31.05.2025

## FACULTY ONLINE COURSE

### 2024-2025 Odd Semester

S.No.	Name of the Faculty Members	Name of the Online Course Completed	University offered by
1.	Dr.C.Arunachala Perumal	Differential Equations Part I Basic Theory	Coursera
2.	Dr.A.Azhagu Jaisudhan Pazhani	Smart Device & Mobile Emerging Technologies	Yonsei University Coursera
3.	Dr.S.Vairaprakash	Differential Equations Part II Basic Theory	Coursera
4.	Dr.A.Lakshmi	Mathematics for Machine Learning: Linear Algebra	Imperial College, London-Coursera
5.	Dr.R.Rajalakshmi	Advanced Learning Algorithms	Stanford University- Coursera
		Supervised Machine Learning: Regression and Classification	Stanford University- Coursera
		IoT & Electronics	Infosys- Infosys Springboard
		Scientific Writing in Health Research	ICMR-NIE- NPTEL
		Ethical Hacker	CISCO Networking Academy
		Create Your First Python Program from UST	Coursera
6.	Mr.B.Kannan	eLSI: Basics of Embedded Systems and Robotics	e-Yantra Lab Setup Initiative (eLSI)- e-Yantra
7.	Mrs.G.Gnana Priya	Scientific Writing in Health Research	ICMR-NIE- NPTEL
		Understanding Research Methods	University of London
		Wireless 5G Overview	Infosys- Infosys Springboard
		NIECer 102: Ethics Review of Health Research	ICMR-NIE- NPTEL
8.	Mrs.R.Ramalakshmi	Scientific Writing in Health Research	ICMR-NIE- NPTEL
		5G Principles: The Promise of the 5G	Infosys

## FACULTY ONLINE COURSE

9.	Mrs.V.SlirengaNachiyar	NieCer 102: Ethics Review of Health Research	ICMR-National Institute of Epidemiology-
		Artificial Intelligence fundamentals	Great Learning
		Generative AI for Beginners	Great Learning
		Fundamentals of Digital Image and Video Processing	Coursera
10.	Mrs.S.Jeeva	Digital Circuits	IIT, Kharagpur-NPTEL
11.	Mr.D.Gopinath	IoT & Electronics	Infosys- Infosys Springboard
12.	Mr.A.Rameshbabu	Digital Circuits	IIT, Kharagpur-NPTEL
13.	Mr.P.Gunasekaran	Cisco CCNA 200-301 Exam: Complete course with Practical Labs	Cisco-Udemy
		Network Essentials	Cisco
14.	Mr.G.Sivakumar	IoT & Electronics	Infosys- Infosys Springboard
15.	Mr.R.Deiva Nayagam	Differential Equations for Engineers	Coursera
16.	Dr.P.Venkatesh	RF and millimeter-Wave Circuit Design	Eindhoven University
17.	Mrs.G.Subhashini	Wireless 5G Overview	Infosys- Infosys Springboard
18.	Ms.S.Harini shriram	IoT & Electronics	Infosys- Infosys Springboard
		Scientific Writing in Health Research	ICMR-NIE- NPTEL
		Vector Calculus for Engineers	Coursera

## FACULTY ONLINE COURSE

19.	Ms.R.Chandralekha	NIECer 102: Ethics Review of Health Research	ICMR-National Institute of Epidemiology-
		Cisco Networking Essential 2.0	Cisco
		Generative AI for Beginners	Great Learning
20.	Mr.R.Ramasamy	Introduction To Internet Of Things	NPTEL
21.	Mrs.V.Krishna Meera	NIECer 102: Ethics Review of Health Research	ICMR-National Institute of Epidemiology-NPTEL

### 2024-2025 Even Semester

S.No.	Name of the Faculty Members	Name of the Online Course Completed	University offered by
1.	Dr.C.Arunachalaperumal	Differential Equations Part I Basic Theory	Korea Advanced Institute of Science and Technology(KAIST
2.	Dr.A.Lakshmi	Vector Calculus for Engineers	The Hong Kong University of Science and Technology
		Advanced Search	Elsevier
3.	Dr.A.Azhagu Jaisudhan Pazhani	Introduction to Cybersecurity	Cisco Systems, Inc..
4.	Dr.S.Vairaprakash	Machine Learning for Engineering and science applications	IITM, NPTEL
5.	Dr.R.Rajalakshmi	Introduction to Mathematical Thinking	Stanford University,Coursera
		Vector Calculus for Engineers	The Hong Kong University of Science and Technology
6.	Dr.P.Venkatesh	Introduction to machine learning	IIT Madras, NPTEL
7.	Mr.B.Kannan	Introduction to Automotive Embedded Systems	Starweaver
		IoT & Electronics	Infosys
8.	Mrs.G.Gnana Priya	Differential Equations for Engineers	The Hong Kong University of Science and Technology
9.	Mrs.R.Ramalakshmi	IoT & Electronics	Infosys
10.	Mr.D.Gopinath	Machine Learning Foundation Certification	Infosys- Infosys Springboard

## FACULTY ONLINE COURSE

11.	Mr.A.Rameshbabu	Analog Circuits	IIT Bombay
12.	Mr.P.Gunasekaran	Machine Learning Pipelines with Azure ML Studio	Coursera project network
13.	Mr.R.Deiva Nayagam	Differential Equations for Engineers	Coursera
14.	Mr.G.Sivakumar	Wireless 5G Overview	Infosys- Infosys Springboard
15.	Ms.S.Harini shriram	Python for Data Science	IIT Madras, NPTEL
		IoT & Electronics	Infosys- Infosys Springboard
16.	Ms.L.Krishna kumari	Advanced Learning algorithms	DeepLearning.AI and Stanford University
17.	Ms.R.Chandralekha	Numerical Methods for Engineers	The Hong Kong University of Science and Technology, Coursera
18.	Mr.R.Ramasamy	Introduction To Internet Of Things	IIT Kharagpur, NPTEL
		Solving Ordinary Differential Equations with MATLAB	MATLAB
19.	Mrs.V.Krishna Meera	IoT & Electronics	Infosys- Infosys Springboard
		Mathematics for Machine Learning: Linear Algebra	Imperial College of London, courser
20.	Mrs.K.Sangeetha	Introduction to Cybersecurity	Cisco Systems, Inc..
21.	Mr.M.Maria Rubiston	Solving Ordinary Differential Equations with MATLAB	MATLAB
		Build a free website with WordPress	Coursera
22.	Ms.M.Nandhini	Python Essentials	Cisco Networking Academy

**STUDENT ONLINE COURSE****2024-2025 ODD SEMESTER  
II YEAR ECE**

S. No	Name of the Student	Name of the course	Offered by
1.	PRAKALYA T M	Google Cloud Computing Foundations	NPTEL

**III YEAR ECE**

S. No	Name of the Student	Name of the course	Offered by
1.	AATHAN J	Digital Circuits	NPTEL
2.	AATHIR HASAN H	Digital Circuits	NPTEL
3.	ANBU SARAN G	Digital Circuits	NPTEL
4.	ARJUN KUMAR R	Digital Circuits	NPTEL
5.	DARSHAN R	Digital Circuits	NPTEL
6.	JAIKRISHNA D	Digital Circuits	NPTEL
7.	KARTHIKA M	Digital Circuits	NPTEL
8.	KARTHIKEYAN K	VLSI System On Chip Design - Overview	MAVEN Silicon
9.	KAVIYA N	Digital Circuits	NPTEL
10.	MALINI SELVI M	Python Zero to Hero	Guvi
		C Programming Course	Infosys Springboard
		Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	NPTEL
11.	MUTHUKRISHNAN M	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	NPTEL
12.	NANDHIYA A	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	NPTEL
13.	NAGARAJ M	AWS for Beginners	Infosys Springboard
		VLSI System On Chip Design - Overview	MAVEN Silicon
14.	RAMASAMY V	VLSI System On Chip Design - Overview	MAVEN Silicon
15.	RAMKUMAR B	AWS for Beginners	Infosys Springboard
		VLSI System On Chip Design - Overview	MAVEN Silicon
16.	SELVAKUMARI R	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	NPTEL

**STUDENT ONLINE COURSE****2024-2025 EVEN SEMESTER  
II YEAR ECE**

S. No	Name of the Student	Name of the course	Offered by
1.	KALAIVANI M	Python for Data Science	NPTEL

**III YEAR ECE**

S. No	Name of the Student	Name of the course	Offered by
1.	ADITHIYA P	Advanced topics in Wireless Communication (Hindi)	NPTEL
2.	ASIPRABHA P	Advanced topics in Wireless Communication (Hindi)	NPTEL
3.	BAALEKSHAN E	Microprocessors and Microcontrollers	NPTEL
4.	DAYANITHI MARAN S	Integrated Circuits, MOSFETs, OP-Amps and their Applications	NPTEL
5.	JAIKRISHNA D	Integrated Circuits, MOSFETs, OP-Amps and their Applications	NPTEL
6.	KANINISHA A	Advanced topics in Wireless Communication (Hindi)	NPTEL
7.	KARTHIKA M	Advanced topics in Wireless Communication (Hindi)	NPTEL
8.	KRITHIKA R	Advanced topics in Wireless Communication (Hindi)	NPTEL
9.	MAHESWARI L	Digital Design with Verilog	NPTEL
10.	MALINI SELVI M	Advanced topics in Wireless Communication (Hindi)	NPTEL
11.	MOHANA PANDI T A	Digital Design with Verilog	NPTEL
12.	NIVETHA R	Microprocessors and Microcontrollers	NPTEL
13.	PUVANSRI S	Digital Design with Verilog	NPTEL
14.	RAMKUMAR S	Microprocessors and Microcontrollers	NPTEL
15.	SANJAY	Microprocessors and Microcontrollers	NPTEL
16.	SANKARA GOMATHI B	Digital Design with Verilog	NPTEL
17.	SANTHOSH S	Microprocessors and Microcontrollers	NPTEL

**STUDENT ONLINE COURSE****2024-2025 EVEN SEMESTER  
IV YEAR ECE**

S. No	Name of the Student	Name of the course	Offered by
1.	ADHEEBA BANU A	Introduction to Computer Vision and Image Processing	Coursera
2.	HAREES A	The Web Developer Bootcamp 2025	Udemy
3.	HARSHITA E	Crash Course on Python	Coursera
4.	K. ABISHEK	MERN Stack Development	Sprout Knowledge Solutions
5.	KAMALA BHARATHI S	Crash Course on Python	Coursera
6.	KARTHIKEYAN K	The ChatGPT Prompt Engineering Mastery Course	Udemy
7.	KISOLA T	Fundamentals of UI/UX Design	Coursera
8.	KUMUTHA G	Introduction to Computer Vision and Image Processing	Coursera
9.	MUTHEESWARI A	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera
10.	MUTHUGOKILA M	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera
11.	MUTHU SATHIYA K S	Fundamentals of Digital Design for VLSI Chip Design	Coursera
12.	MUTHUSELVI S	Fundamentals of Digital Design for VLSI Chip Design	Coursera
13.	PUVANESH R	Fundamentals of Digital Design for VLSI Chip Design	Coursera
14.	RAJA KEERTHIKA G	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera
15.	RAJALAKSHMI R	Fundamentals of Digital Design for VLSI Chip Design	Coursera
16.	RITHIKA B	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera

**STUDENT ONLINE COURSE****2024-2025 EVEN SEMESTER  
IV YEAR ECE**

17.	RUHAINA THASNEEM A	Fundamentals of Digital Design for VLSI Chip Design	Coursera
18.	SABIKA THUSLEEMA A	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera
19.	SANGEETHA R	Fundamentals of Digital Design for VLSI Chip Design	Coursera
20.	SANGEETHA SUBBU S	Fundamentals of Digital Design for VLSI Chip Design	Coursera
21.	SASWATH VEL S	Microsoft SC-900 Exam Preparation and Practice	Coursera
22.	SATHEESHKUMAR M R A P	Core Java - Foundations	Coursera
23.	SATHYA M	Fundamentals of Digital Design for VLSI Chip Design	Coursera
24.	SHOBHA K S	Google Data Analytics	Coursera
25.	SIVAKIRUTHIKA K	Google Data Analytics	Coursera
26.	SIVAKUMAR R	Fundamentals of Digital Design for VLSI Chip Design	Coursera
27.	SIVASAKTHI M	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera
28.	SRINIVASS S	Fundamentals of Digital Design for VLSI Chip Design	Coursera
29.	SUDEEPHA R	VLSI Chip Design and Simulation with Electric VLSI EDA Tool	Coursera
30.	SUVALAKSHMI S	Fundamentals of Digital Design for VLSI Chip Design	Coursera
31.	THANUSA BHARATHI R	Fundamentals of Digital Design for VLSI Chip Design	Coursera
32.	UMA MAHESWARI E	Fundamentals of Digital Design for VLSI Chip Design	Coursera

## FACULTY ACHIEVEMENTS

### PATENT DETAILS

- Patent Grant: G.Gnana Priya, S.Periyanayagi, G.Sivakumar, G.Nandhini Devi, M.Ponsheela, S.Sibajasmine got patent grant for the patent titled "System for Monitoring Continuous Ambulatory Peritoneal Dialysis Patients" on 24.07.2024 with Application No.202241009901 and Patent No.545795
- G.Subhashini, L.Krishna kumari, Dr.R.Rajalakshmi, Dr.C.Arunachalaperumal, published patent with the titled " AI-DRIVEN TUBERCULOSIS DETECTION USING DEEP NEURAL NETWORKS" on 04.10.2024 ,Application No:202441072003 A
- The patent application no: 202141046208 titled "Drowsiness Detection of a Driver" has been granted on 17.02.2025. Patent No:560460. Patentee: R.Ramalakshmi, S.Periyanayagi, B.Deepa Lakshmi, P.Venkatesh, S.Pradeepa, V.Priya & K.Sangavi
- Dr.A.Azhagu Jaisudhan Pazhani, Dr.C.Arunachalaperumal, Mr.P.Gunasekaran, Mr.A.Rameshbabu applied and published a patent titled "IMPLEMENTATION OF AN INTELLIGENT STREET LIGHT SYSTEM FOR FAULT DETECTION, ENERGY SAVING AND SECURITY" on 21.03.2025 , Application No:202541020734, Date of filing of Application : 07/03/2025.

### JOURNAL PUBLICATIONS

- Vairaprakash Selvaraj, Manjunathan Alagarsamy, Kavitha Datchanamoorthy & Geethalakshmi Manickam,Band power feature part-based convolutional neural network with African vulture optimization fostered channel selection for EEG classification, June 2024,<https://doi.org/10.1080/10255842.2024.2356633> ,SCIE,IF: 1.763
- R. Uma Maheshwari, B. Paulchamy, Arun M, Vairaprakash Selvaraj , Dr. N. Naga Saranya and Dr . Sankar Ganesh S , Deepfake Detection using Integrate-backward-integrate Logic Optimization Algorithm with CNN , International Journal of Electrical and Electronics Research ,June 2024, <https://doi.org/10.37391/IJEER.120248> , Scopus
- R.Ramalakshmi, S.Tamil Selvi "Spectral efficiency analysis on massive MIMO filter bank" International Journal of Electronics, SCIE, <https://doi.org/10.1080/00207217.2024.2372059>
- K. R. Jothi, Chetan Khemraj Lanjewar, R. Sivaraman, Bramah Hazela, P. R. Sivaraman & A. Azhagu Jaisudhan Pazhani, Investigation of Post-Quantum Cryptography to Secure the Functionality of Vehicle Hardware Architecture, Cyber Warfare, Security and Space Computing,Part of the book series: Communications in Computer and Information Science ((CCIS,volume 2195)), 2024

## FACULTY ACHIEVEMENTS

- Mr. A. Rameshbabu, Dr G.N.R. Prasad, Dr Ravi Kumar M, V. Usha, Dr. A. Azhagu Jaisudhan Pazhani, & Dr. G. Charles Babu. (2024). Integrating Genetic Algorithm and Leverage the Slap Swarm Algorithm to Optimize the LSTM Model to Predict Cardiovascular Disease. The Bioscan, 19(Special Issue-1),288-293.[https://doi.org/10.63001/tbs.2024.v19.i02.S.I\(1\).pp288-293](https://doi.org/10.63001/tbs.2024.v19.i02.S.I(1).pp288-293).
- Surya Prasad & Arunachallaperumal Chellaperumal (2024). Computation of an efficient pipelined fast Fourier transform architecture characterized with real-valued functions. Journal of Computational Electronics. Vol.24, Issue 1, February 2025 (Published online on 2nd December 2024), P-ISSN 1569-8025 & e-ISSN1572-8137. Impact Factor : 2.2
- Mukta Sandhu, Dr M Jithender Reddy, Dr. M. Bheemalingaiah, Dr. Karthikeyan C, Dr. A. Azhagu Jaisudhan Pazhani, Dr Subba Rao Polamuri (2024), "Prediction of Heart Disease by Developing the Hybrid Deep Learning Models to Attain Higher Accuracy", The Bioscan,19(2): S.I (1), 294-301.
- Mr. P. Gunasekaran, V Sudha, Dr. Narendra B Mustare, Ramesh Babu Pittala, Dr. A. Azhagu Jaisudhan Pazhani, Dr. G. Charles Babu (2024), "Modified Artificial Bee Colony Optimization with SVM for Optimize the Selection and Classification of Heart Disease", The Bioscan, 19(2): S.I (1), 661-666.
- Ramesh Babu Pittala, Dr. Narendra B Mustare, Kavitha G L, Dr. A. Azhagu Jaisudhan Pazhani, Dr Subba Rao Polamuri (2024), "Predicting Cardiovascular Disease by Integrating the Dataset and DNN with Asynchronous Learning Technique", The Bioscan, 19(2): S.I (1), 653-660.
- G.Gnana Priya, K.Balasubadra , "Optimizing Spectrum Efficiency With MIMO NOMA PD Approach in a 5G Cooperative Spectrum Sharing Environment", International Journal of Communication Systems, Volume38, Issue2(SCIE), I.F 1.7
- Dhanusha, P.B., Muthukumar, A., Lakshmi, A, "Deep Feature Blend Attention: A New Frontier in Super Resolution Image Generation" Neurocomputing, Elsevier, Available online 28 November 2024, Version of Record 11 December 2024.Volume 618, 14 February 2025, 128989. IF 5.5
- P, Venkatesh, Narmadha T V, Ponrajakumari M, and Lavanya K. 2024. "Time Domain and Qualitative Analysis of a Compact Asymmetrically Fed Circular UWB Antenna for WBAN Scenarios". International Journal of Electrical and Computer Engineering Systems 16 (1):39-51.

## FACULTY ACHIEVEMENTS

- Kannan Balasubramani, Karthigai Lakshmi Shanmugavel, Brain Tumor Classification in MRI Using Hybrid ASA-Based Deep Learning and Masi-Entropy Multilayer Thresholding Segmentation with Sunflower Optimization. International Information and Engineering Technology Association, February, 2025, (<https://doi.org/10.18280/ts.420120>). SCIE, Impact Factor: 1.2
- Gopinath, D., Marichamy, P. On the design and analysis of multi-band micro-strip patch antenna for wireless body area network applications. J Wireless Com Network 2025, 13 (2025). <https://doi.org/10.1186/s13638-025-02442-3>
- Rajendran Ramasamy, Maria Anto Bennet, and Abbas Ali Farithkhan, "Machine Learning Assisted Intelligent Antenna Parameters Estimation Using EOLRKC and SFIS Algorithms," Progress In Electromagnetics Research Letters, Vol. 125, 67-73, 2025. doi:10.2528/PIERL25012002
- Nayagam, R. Deiva, and D. Selvathi. "GRASP-Net: Grouped Residual Convolution U-Net With Attention Mechanism and Atrous Spatial Pyramid Pooling for Prostate Zone Segmentation Using MR Images." International Journal of Imaging Systems and Technology 35, no. 2 (2025): e70060.
- Pandi Ravichandran, Venkatesh and Velayudham, Narmadha. "On the performance investigation of a low profile UWB antenna backed with conjointly connected sickle shaped AMC structure for on-/off body communications", Frequenz, 2025.
- B.Paulchamy, Vairaprakash Selvaraj, N.M.Indumathi, K. Ananthi, V.V.Teresa, Integrating Sentiment Analysis with Learning Analytics for Improved Student, International Journal of Computational and Experimental Science and Engineering, December 2024 ,Vol. 10-No.4,(Scopus).
- R.Ramalakshmi, "Exploring 5G Spectrum on Optimized Turbo Codes for Spectrum Allocation in Next –Generation Wireless Communication", ICTACT Journal on Communication Technology, December 2024, Vol.15, Issue 4(UGC Journal).
- Azhagu Jaisudhan Pazhani, Gunasekaran Perumalsamy, A. Rameshbabu, Improved Memory Efficient Computing Unit DWT Architecture For Satellite Images, Informatica, Vol 49 No 14, March 2025.
- A. Azhagu Jaisudhan Pazhani, Efficient Computing System for Satellite Image Processing Processor, Informatica, Vol 49 No 15, March 2025.

### BOOK CHAPTER PUBLICATIONS

- Ramalakshmi, R., Narendran, S., Padmesh, D., Ramkumar, R.S. (2024) published a book chapter titled “ESN for Intrusion Detection in Federated Machine Learning” Proceedings of 4th International Conference on Artificial Intelligence and Smart Energy (ICAIS 2024), Information Systems Engineering and Management, vol 3. Springer, Cham. [https://doi.org/10.1007/978-3-031-61471-2\\_34](https://doi.org/10.1007/978-3-031-61471-2_34). pp 451-461. Online ISBN: 978-3-031-61471-2. First Online: 12.06.2024.
- K. Ramalakshmi, L. Krishna Kumari, R. Rajalakshmi, G. Theivanathan , published a book chapter titled ”Enhancing healthcare through remote patient monitoring using Internet of Things”, in the book Technologies for Sustainable Healthcare Development, IGI-Global. DOI: 10.4018/979-8-3693-2901-6.ch008. (Scopus Indexed)
- Harini Shriram S, Ahila Priyadarshini R presented a paper titled “Historical Document Image Binarization using Support Vector Machine and Adaptive Threshold Selection” at the XX Control Instrumentation System Conference (CISCON-2023) held on October 06 & 07, 2023 at Manipal Institute of Technology, MAHE, Manipal.
- Rameshbabu A, V.R.S. Mani, V.N. Senthil Kumaran, and Neethu Anna Sabu, published a book chapter titled “Optimal Approaches for Enhancing Energy Efficiency in Circuits” in the book titled “Circuit Design for Modern Applications”, CRC Press Taylor & Francis Publication, published in 5th February 2025. (Scopus Indexed). <https://doi.org/10.1201/9781003483052>. Chapter 6, PP 92-102.
- A. Shenbaga Bharatha Priya, Indra Singh Bisht, N. Balambigai, Sumit Kataria, **R. Ramalakshmi** published a book chapter titled “Optimization Techniques for Energy Management in Microgrid” in the book titled “Cyber Physical Energy Systems”, Chapter 2, PP (37 -70), <https://onlinelibrary.wiley.com/doi/book/10.1002/9781394173006>.
- Deiva Nayagam, R., Selvathi, D., Selvaraj, H. (2025). Transfer Learning Approach with ResNet Architecture for Colon Cancer Classification Using Histopathological Images. In: Borowik, G., Chmaj, G., Waszkowski, R. (eds) Models and Methods for Systems Engineering. Studies in Big Data, vol 165. Springer, Cham.
- A.Lakshmi, N.Bhuvaneswari, Shashi Kanth Darger "FPGA FPGA based Reconfigurable Hardware Implementation for Data Classifiers" 1st Edition Sustainable Materials and Technologies in VLSI and Information Processing, Taylor & Francis, 23rd May 2025, ISBN-9781003641551.(Scopus Indexed)

### BOOK CHAPTER PUBLICATIONS

- Perumal.B, Rajesh.V, Saravan Velusamy, Ramalingam.M, A.Lakshmi, "Climate Responsive Smart Irrigation and Air Quality Monitoring System" 1st Edition Sustainable Materials and Technologies in VLSI and Information Processing, Taylor & Francis, 23rd May 2025, ISBN-9781003641551. (Scopus Indexed)
- Dhanusha P B, A. Muthukumar, A. Lakshmi and Shyamraj R., "Super-resolution of Retinal Fundus Images using a Modified Auto-encoder Architecture with Skip Connections", 1st Edition Sustainable Materials and Technologies in VLSI and Information Processing, Taylor & Francis, 23rd May 2025, ISBN-9781003641551.(Scopus Indexed)
- B. Dhanam, B. Mohan, G. Sivakumar, P. Vigneshwaran, P. Harikrishnan, C. Sivamurugan., "Vision-Assist: A Portable Reading Device for the Visually Impaired Using Raspberry Pi", 1st Edition Sustainable Materials and Technologies in VLSI and Information Processing, Taylor & Francis, 23rd May 2025, ISBN-9781003641551. (Scopus Indexed)

### INTERNATIONAL CONFERENCE PUBLICATIONS

- Siva kumar P, Naga Mallikharjunarao B, Kaliappan S, Marepalli Radha, Gnana Priya G, Ushasree L presented a paper titled "A ML Approach for Predicting The Winner of IPL-24 Using Novel-Hybrid Classifier" in the IEEE sponsored 9th International Conference for Convergence in Technology organized by Siddhant group of Institutions during 5th to 7th April 2024. DOI: <https://doi.org/10.1109/I2CT61223.2024.10544101>.
- R.Ramalakshmi, J. Noorul Ameen, Gundala Srinivasa Rao, Rajiv Gandhi N, Saloni Bansal, Saloni Bansal, J.B. Sapaev,Zaid Alsalami, J.B. Sapaev published a paper titled "Utilizing flexible, robust optimization for the integration of renewable energy sources and electric cars in a large-scale Vehicle-to-Grid (V2G) network" in the proceedings of 2023 IEEE International Conference for Technological Engineering and its Applications in Sustainable Development (ICTEASD) on 10.07.2024. DOI: [10.1109/ICTEASD57136.2023.10584862](https://doi.org/10.1109/ICTEASD57136.2023.10584862).
- G.Gnana Priya, T.Nagaraj, B.Roshan Ram presented a paper titled " IoT Based Contactless ATM using Computer Vision" at the Fourth International Conference on Pervasive Computing and Social Networking (ICPCSN 2024) organized by RP Sarathy Institute of Technology. DOI: <https://doi.org/10.1109/ICPCSN62568.2024.00101>.

### INTERNATIONAL CONFERENCE PUBLICATIONS

- G.Gnana Priya, M.Akila and G.Anusuya presented a paper titled , "Connected Parking Innovations: Enhancing Urban Mobility through IoT Integration" at the Fourth International Conference on Pervasive Computing and Social Networking (ICPCSN 2024) organized by RP Sarathy Institute of Technology. DOI: <https://doi.org/10.1109/ICPCSN62568.2024.00114>
- Chandralekha R., Mrs. V. Sreenga Nachiya, Mr. G. Sivakumar, S. Harini Shriram, Pondurai M., and Monica S. has presented a paper titled "MIMO: OFDM System Performance Analysis With System Vue" at the 2024 International Conference on Social and Sustainable Innovations in Technology and Engineering, SASI-ITE'24 IEEE Computer Society, Vizag Bay Section, Andhra Pradesh, on February 23–25, 2024, DOI 10.1109/SASI-ITE58663.2024.00079. (SCOPUS INDEXED)
- G.Sivakumar, K. Amsaveni, Chandralekha R., V.SreengaNachiyar, S.Vaitheki, and P. Marichamy Presented titled "Predictive Modeling for Network Anomaly Detection Using Machine Learning" at the 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024), which held on July 10–12, 2024, at Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu, India.
- S. V, C. R, K. R. R, R. R. A, S. S and P. J, "A Car Parking Guidance System to Lessen the Traffic in the Parking Lot using Arduino," 2024 4th International Conference on Pervasive Computing and Social Networking (ICPCSN), Salem, India, 2024, pp. 758-761, doi: 10.1109/ICPCSN62568.2024.00127.
- S.Jeeva, S.Anand "Microcalcification detection using isotropic and anisotropic transforms" 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024),Hindusthan college of Engineering and Technology, Coimbatore on 10.07.2024 DOI: 10.1109/ICSCSS60660.2024.10625549
- P.Sivakumar,R.Rajalakshmi,N.Hemanth kumar,B.Prem Gupta,C.H.Nikilesh,J.Sai Padma Pavan,"presented ta paper titled"Robust serial driver verification through UVM framework" at the21st Control Instrumentation Systems Conference (CISCON-2024,organized by MIT-Manipal Institute of Technology, MAHE, Manipal) in association with IEEE Bangalore section. DOI: 10.1109/CISCON62171.2024.10696231.
- Krishna Kumari L;R. Rajalakshmi;K. Ramalakshmi;A. Lakshmi;G. Subhashini;G. Theivanathan,"Enhancing Pneumonia Detection Through Convolutional Neural Networks and Data Augmentation In Chest X-Ray Imaging", International Conference on Advanced Computing and Communication Systems, Oct 2024. IEEE.

## FACULTY ACHIEVEMENTS

- L. Krishna Kumari;V. Anusuya;K. Ramalakshmi;R Rajalakshmi;G. Theivanathan;A. Lakshmi, "Edge Enhanced Densely Connected Convolutional Network for Liver Tumor Segmentation",International Conference on Advanced Computing and Communication Systems,Oct 2024,IEEE Madras Section. DOI: 10.1109/ICACCS60874.2024.10717318
- G.Subhashini, P.G.S.Velmurugan, K Kirubahini, S J Thiruvengadam "Enhancing IoT Connectivity with Spatial Modulation in mm-wave Multihop Cooperative Relaying System" at the 15th International IEEE Conference on Computing Communication and Networking Technologies (ICCCNT 2024) , Which held on June 24-28, at IIT-Mandi, in association with IEEE Electronics Packaging Society, Tamilnadu, India. <https://doi.org/10.1109/ICCCNT61001.2024.10724492>.
- R.Ramlakshmi, B.Akshiya Rajasri, B.R.Gunaksha published a paper titled "Fingerprint and Face Detection with Self Banking Biometric and GSM Technology" in 1st IEEE Conference on Advanced Computing & Emerging Technologies (ACET-2024), organized by Department of CSE, Ajay Kumar Garg Engineering College Ghaziabad U.P, India. DOI: 10.1109/ACET61898.2024.10730646.
- D. Devarajan; R. Rajalakshmi; P. Sivakumar; S. Senthilkumar; M. Malathi; L. Ramachandran, “ Design and Implementation of Frame Work for Building Extraction using Fast Accurate Bilateral Filter, Fast Corner Method and Improved Gaussian Blur” at the 2nd IEEE International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS),2024 Which held on 23-25 October 2024, at M. P. Nachimuthu M. Jaganathan Engineering College Chennimalai, Erode, Tamilnadu, India,Published in IEEE Xplore on 28 November 2024. DOI: 10.1109/ICSSAS64001.2024.10760395.
- R. Rajalakshmi; P. Sivakumar; G. Subhashini; L. Krishna Kumari, “Exploring Performance Characteristics of Static and Dynamic CMOS Designs Using Cadence Tools”, 2024 4th International Conference on Sustainable Expert Systems (ICSES),at Pokhara University 15-17 October 2024, DOI: 10.1109/ICSES63445.2024.10763242, Published in IEEE Xplore,03.12.24 (Scopus Indexed)
- R. Rajalakshmi; P. Sivakumar; Ms. Krishnakumari; G. Subhashini, “Harnessing Image Analysis for Early Leukemia Detection in Bone Marrow Samples”, 2024 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), 20-22 September 2024, DOI: 10.1109/ SPICES62143.2024.10779690, Published in IEEE Xplore: 13 December 2024(Scopus Indexed)

## FACULTY ACHIEVEMENTS

- G.Subhashini,R.Rajalakshmi, L.Krishna kumari, P.Sivakumar, I.Aswathi presented a paper titled "Exploring the Performance of NOMA Systems with Intelligent Surface Assistance" at the the 2024 5th International Conference on Communication, Computing & Industry 6.0 (C2I6) , Which held on Dec 6-7,2024, organized by CMR Institute of Technology, Bengaluru." DOI: 10.1109/C2I663243.2024.10895562 Published in IEEE Xplore,25.02.25 (Scopus Indexed)
- V.SreengaNachiyar, R.Chandralekha, R.Kasi Raman, V.Krishna Meera, A.Guna, S.Harini Shriram, Presented a paper titled " Smart Bin System Based on IoT for Effective Food Waste Management", in 4th International Conference on Sentiment Analysis and Deep Learning ICSADL 2025 on 18.02.2025 to 20.02.2025, Hosted by Far Western University, Bhimdatta, Nepal. DOI: 10.1109/ICSADL65848.2025.10933108 Published in IEEE Xplore 28.03.2025 (Scopus Indexed)
- L Krishna Kumari;R Prem Ananth;K Ramalakshmi;B Mohan;S P Santhoshkumar;S Mahalakshmi"Advanced Epileptic seizure recognition with a hybrid CNN-BiLSTM Model on EEG Signals" IEEE 1st International Conference on Smart and Sustainable Developments in Electrical Engineering (SSDEE)Indian Institute of Technology (Indian School of Mines), Dhanbad,25 April 2025. DOI: 10.1109/SSDEE64538.2025.10968390.

## INDUSTRIAL VISIT

Sl.No	Name of the Industry Visited	Batch	Year/ Semester/ Section	Date
1.	Kerala Electrical & Allied Engineering Co. Ltd., Kochi	2024-2028	I/II/A&B	29.03.2025
2.	Traco Cables Limited, Kochi	2023-2027	II/IV/A&B	14.03.2025 to 15.03.2025
3.	Kanan Devan Hills Plantation Company Private Limited., Munnar	2022-2026	III/VI/A&B	21.03.2025 to 23.03.2025

## PLACEMENT

### LIST OF STUDENTS PLACED IN 2021-2025 BATCH

Name of student placed and contact details	Name of the employer with contact details	Pay package at appointment (LPA)
ABISHEK K, 8015025128	ZF	2.27
ADHEEBA BANU A, 9042107816	Learnlike	3
AMIRTHAVARSHINI R, 9345404524	SmartDV	3.75
ANBARASAN A, 9025144891	ZF	2.27
ARASAN M, 6383220274	Inel Power System Engineers	3
DEEPAJOTHI D, 8825964642	Terv	3.5
DHARSAN S, 9994520733	ZF	2.16
DHARSHINI G, 8438537501	Rinex	4.5
DHINESHKUMAR S, 8870391396	ZF	2.27
DHIVYADHARSHINI T, 7010591124	Tessolve	4
GIRISHKUMAR S, 9360388059	ZF	2.27
GURU PRAKASH J, 9342745670	ZF	2.27
G.V.THIVYAA, 9994598127	VTS Enterprises India Private Limited	12
HAREES A, 8760806862	SmartDV	3.75
HARI RAMA KARTHIKEYAN B, 9385654984	ZF	2.27
HARRIS BABU P, 8610090011	ZF	2.16
JEBAPRIYA B, 9543771908	SmartDV	3.75
JEEVAN S, 8675621041	ZF	2.27
JEYA SUDHA V, 7418307042	Delphi TVS	2.22
K ABISHEK, 9361397501	Inel Power System Engineers	3
KALYANASUNDARAM K, 7603930459	Inel Power System Engineers	3
KAMALA BHARATHI S, 9080457782	Cybervault	3
KARTHEESWARAN M, 7867055224	ZF	2.16
KARUPPIAH G, 9384762618	ZF	2.16
KIRUBHA SREE M, 8148061300	Ramco Systems	4
KIRUTHIGA R, 6380332796	SmartDV	3.75
KUMUTHA G, 9994252206	SmartDV	3.75
LAKSHMI NARAYANAN R, 9342805706	ZF	2.16
MARIMUTHU M, 7010060038	ZF	2.16

## PLACEMENT

### LIST OF STUDENTS PLACED IN 2021-2025 BATCH

MEERA YASMEEN M, 8778732091	Learnlike	3
MOHANAKIRTHEHA C, 8148058440	Terv	3.5
MOHANA KRISHNAN A, 6379943596	ZF	2.27
MUKILAN K, 8248822118	ZF	2.16
MUTHEESWARI A, 9952113873	Learnlike	3
MUTHU KUMAR M, 8778102626	ZF	2.16
MUTHUSELVI S, 6385803052	Terv	3.5
NAVEEN K, 9003656643	ZF	2.27
NITHISH KUMAR P, 9342353217	ZF	2.16
N NITHISH, 9677457681	ZF	2.16
PONTAMILSELVAN V, 9444649850	ZF	3.5
RAJA KEERTHIKA G, 8838454494	SmartDV	4.5
RITHIKA B, 9360350213	SmartDV	4.5
ROHAN RIYAS A, 8925934286	ZF	2.27
RUHAINA THASNEEM A, 9080425145	Terv	3.5
SAKTHIVINAYAGAM C, 6369886456	Ramco Systems	4
SANJAI R, 9952862721	ZF	2.16
SANTHOSH KUMAR A, 9361259552	Cybervault	3
SASWATH VEL S, 8015662532	Cybervault	3
SHOBHA K S, 9345734019	SmartDV	3.75
SHREE GANGA S, 8637408695	Ramco Systems	4
SHREE HARISH R, 6385711945	Ramco Systems	4
SHRIRAM S, 8838938424	Terv	3.5
SIVASAKTHI M, 9361553303	SmartDV	3.75
SRINIVASS S, 7094287240	ZF	2.16
SRIRAM M, 9585332224	Inel Power Systems Engineers	3
SUDEEPHA R, 8668101158	Learnlike	3
SUNDAR M, 9597593307	Vibhathi Labs	3.2
SURESHKUMAR G, 9342630798	Inel Power System Engineers	3
SURIYA K, 9361420856	ZF	2.27
THANOOSH A M, 9751253410	ZF	2.16
THANUSA BHARATHI R, 9791562747	Terv	3.5
BALA VIGNESH B, 9025836057	ZF	2.16
MANIKANDAN M, 8778999023	ZF	2.27

## PLACEMENT

S.No	Student Name	Employer Details	Salary Package Details
23.	Hariram Sundravel K	Ramco Cements, Chennai	3.4 LPA
24.	Sankara Narayanan S	Ramco Cements, Chennai	3.4 LPA
25.	Vasanthakumar V	Ramco Cements, Chennai	3.4 LPA
26.	Ponsheela M	Makolet, Chennai	3.0 LPA
27.	Praveen P	Makolet, Chennai	3.0 LPA
28.	Yogeshwari V	VINSINFO, Chennai	2.40 LPA
29.	Suganya S	Habile technologies, Chennai	2.50 LPA
30.	Dhana Lakshmi M	Avasoft Technologies, Chennai	3.5 LPA
31.	Sugirtha Shalini K	WIPRO, Chennai	3.5 LPA
32.	Sri Deepika S	Schneider Electric ( P ) Ltd, Chennai	1.56LPA
33.	Sivasakthi R	Schneider Electric ( P ) Ltd, Chennai	1.56LPA
34.	Lakshmi Kantham	Mitsuba Sical India Pvt. Ltd., Chennai	1.61LPA
35.	Joyce Leethiyal A	Mitsuba Sical India Pvt. Ltd., Chennai	1.61LPA
36.	Veeralakshmi V	Mitsuba Sical India Pvt. Ltd., Chennai	1.61LPA
37.	Chitra Lekha K	Mitsuba Sical India Pvt. Ltd., Chennai	1.61LPA
38.	Sai Nandha Kishore S	Sakthi Auto Components, Tiruppur	1.62LPA
39.	Vijay Pramoth P	Sakthi Auto Components, Tiruppur	1.62LPA
40.	Udhaya S G	Sakthi Auto Components, Tiruppur	1.62LPA
41.	Tamilselvan T	Sakthi Auto Components, Tiruppur	1.62LPA
42.	Sakthi Ramya V	Sakthi Auto Components, Tiruppur	1.62LPA
43.	Priyadharshini R	Sakthi Auto Components, Tiruppur	1.62LPA
44.	Sri Gowsalya V	Sakthi Auto Components, Tiruppur	1.62LPA
45.	Sindhuja V	Sakthi Auto Components, Tiruppur	1.62LPA
46.	Sivapriya V	Sakthi Auto Components, Tiruppur	1.62LPA

## PLACEMENT

S.No	Student Name	Employer Details	Salary Package Details
47.	Sankar M	Sakthi Auto Components, Tiruppur	1.62LPA
48.	Anusuya K,	Sakthi Auto Components, Tiruppur	1.62LPA
49.	Swetha S	Sakthi Auto Components, Tiruppur	1.62LPA
50.	Ramya P	Sakthi Auto Components, Tiruppur	1.62LPA
51.	Pradeep R	KMIL Motherson Group, Chennai	1.74LPA
52.	Harnee A	VPG Sensors, Chennai	1.44LPA
53.	Ramakrishnan M	Evorieaskills(East India Company)/SV Logistics , Bengaluru/Chennai	1.46LPA
54.	Bhuvan Akshay S	Igarashi Motors, Chennai	1.92LPA
55.	Praveen R	Igarashi Motors, Chennai	1.92LPA

## HIGHER STUDIES

### LIST OF STUDENTS PROGRESSED TO HIGHER EDUCATION FROM 2017-2021 BATCH

S.No	Student Name	Name of the Institution	Program Admitted To
1.	Farzana Fathima A	PSR College of Engineering, Sivakasi	MBA
2.	Anitha Rahini A	Thiyagarajar College of Engineering, Madurai	MBA
3.	Karthika Shree S	Thiyagarajar College of Engineering, Madurai	M.E.(Communication System)
4.	Dharsini S	Thiyagarajar College of Engineering, Madurai	M.E.(Communication System)
5.	Nishanthi G	Thiyagarajar College of Engineering, Madurai	M.E.(Communication System)
6.	Siba Jasmine S	Velammal College of Engineering and Technology, Madurai	M.E.(Communication System)
7.	Dharini M	National Engineering College, Kovilpatti	M.Tech (Information Technology and Cyberware)

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