The Department of Electronics and Communication Engineering (ECE) is established in the year 2013 with a vision to develop competent professionals to meet the global challenges in modern engineering society and to educate the students to become enlightened engineers with latest know-how to take on the challenges concerned with the society. 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 “Electronica”, IETE, ISTE chapters 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 students had participated in various competitions and won prizes. The Department delights to release the News Letter “Electro Wits” for the academic year 2017–2018.
Department Association Inauguration

Department of Electronics and Communication Engineering Association **RIT-ELECTRONICA** conducted an Association Inauguration function on July 24, 2017. The students from II, III and IV Year ECE were attended the inaugural function. The Chief Guest Mr. Anishmurthy Airpula, Territory Manager - wired and Microwave, Anritsu India Pvt. Ltd., Bangalore gave a Special Lecture on “Emerging Trends in Microwave Engineering”. He shared his experience in the field of Microwave Engineering and provided tech enthusiasts a platform to learn, discuss and share trends and major advancements in Microwave Engineering.

RIT-ELECTRONICA ACTIVITIES

The ECE Association “RIT-ELECTRONICA” conducted various technical events such as Line Follower Robot on March 24, 2018 and Circuit Debugging & Designing and Online Quiz on March 28, 2018 for II and III Year ECE students.
One day National Level Conference on “Innovations in Communication Technology for Social Development (ICTSD-2018)” was organised by the Department of Electronics and Communication Engineering on March 23, 2018. We received 101 technical papers with various streams on Wireless Communication, Networking, Image Processing, Embedded Systems, VLSI etc… related to social development from various Engineering Colleges. The conference was inaugurated by Dr.R.Vimalathithan, Director, Krish Tec, Coimbatore. During the inaugural address he pointed out the various opportunities for Electronics and Communications Engineers in social development.

The National conference was planned with 4 technical sessions for Electronics and Communication Engineering. The sessions were chaired by Dr.S.K.Mydhili, Professor, Department of Electronics and Communication Engineering, SVS College of Engineering, Coimbatore, Dr.S.K.Kannan, Professor & Head, Department of Electrical and Electronics Engineering, Ramco Institute of Technology, Dr.S.Periyanayagi, Associate Professor and Dr.B.DeepaLakshmi, Assistant Professor (SG), Ramco Institute of Tecnology who gave their views to improve the technical skills.

Dr. R.Vimalathithan, Director, Krish Tec, Coimbatore releases the Conference Proceedings and CD’s during the inaugural function of ICTSD-2018.

Dr.S.K.Mydhili, Professor/ECE, SVS College of Engineering, Coimbatore distributed the Certificates and Best Paper Award.
Five Days Faculty Development Training Programme on “RF and Microwave Engineering” was organised by the Department of Electronics and Communication Engineering during 12-16 June, 2017. Dr.R.V.Mahendra Gowda, Principal, Ramco Institute of Technology delivered the Inaugural ad-

The Resource Persons are Dr.S.Raghavan, Professor, Department of ECE, NIT, Dr.S.Kandhamani, Professor, Department of ECE, Thiagarajar college of Engineering, Dr.S.Periyanayagi, Associate Professor, Mrs.G.Gnana Priya, Assistant Professor, Mr.K.Ragavan, Assistant Professor, Mrs.R.Chitra, Assistant Professor, Mr.D.Gopinath, Assistant Professor, Ms.R.Divya, Assistant Professor, Ramco Institute of Technology were handled various sessions and delivered lectures on various topics related to RF and Microwave Engineering.

Dr.S.Raghavan, Professor/ECE, NIT Trichy handled the session and explained about the signal flow graph and S-parameter design.

Dr.S.Kandhamani, Professor/ECE, Thiagarajar college of Engineering handled the session and explained about the stabilization methods and noise figure.
Value Added Course On Internet of Things (IOT) with Raspberry Pi

Five days value added course on “Internet of Things (IOT) with Raspberry Pi” was organised by the Department of Electronics and Communication Engineering from 30.11.2017 to 04.12.2017 for III Year ECE students. The Sessions were handled by the Resource Persons Mr. Moorthy Kanagaraj, Product Manager, Mr. B. Mathivanan and Mr. R. Sathishkumar from M/s. Enthu Technology Solutions India Pvt. Ltd., Coimbatore.

Value Added Course On Arduino UNO

Five days value added course on “Arduino UNO” was organised by the Department of Electronics and Communication Engineering from 30.11.2017 to 04.12.2017 for II Year ECE students. The sessions were handled by the Resource Persons Mr. R. Deiva Nayagam, Assistant professor, Mr. T. RamPrakash, Assistant Professor and Mr. B. Kannan, Assistant Professor(SG), Ramco Institute of Technolo-
Five days value added course on “PLC and Sensors” was organised by the Department of Electronics and Communication Engineering in association with M/s. P.A.C.Ramasamy Raja Polytechnic College, Rajapalayam from 30.11.2017 to 04.12.2017 for II Year ECE students. The Sessions were handled by the Resource Persons Dr.V.R.Velmurugan, Lecturer and Mr. G.Rajagopal, HOD/EEE-SF from P.A.C.Ramasamy Raja Polytechnic College, Rajapalayam.

Five days value added course on “MATLAB” was organised by the Department of Electronics and Communication Engineering from 30.11.2017 to 04.12.2017 for II Year ECE students. The Sessions were handled by the Resource Persons Dr.S.Periyanayagi, HOD/Incharge, Mr.K.Ragavan, Assistant Professor (SG), Dr.B.Deepa Lakshmi, Assistant Professor (SG), and Mr.A.Rameshbabu, Assistant Professor, ECE, Ramco Institute of Technology, Rajapalayam.
value added course on VLSI Design using CADENCE Tools

Five days value added course on “VLSI Design using CADENCE Tools” was organised by the Department of Electronics and Communication Engineering from 30.11.2017 to 04.12.2017 for III Year ECE students. The faculty co-ordinators from Ramco Institute of Technology handled various sessions on VLSI Design using CADENCE Tools. The Sessions were handled by the Resource persons Mr.A.Azhagu Jaisudhan Pazhani, Assistant professor, Mrs.M.Sangeetha, Assistant Professor and Mr.S.Vijayakumar, Assistant professor, Ramco Institute of Technology, Rajapalayam.

Guest Lectures Organized

Guest Lecture on “An Overview on Airports and Air Traffic Control” was delivered by Mr.S.A.Anbalagan, Manager, Airports Authority of India, Madurai Airport for II & III Year ECE students on April 07, 2018. He delivered a lecture about the service provided by ground-based air traffic controllers to all private, military and commercial aircraft operating within its airspace.
Workshop on PCB Designing

One day workshop was conducted on "PCB Designing" was organised by the Department of Electronics and Communication Engineering on August 26, 2017 for II & III Year ECE students. The Resource Persons are Mr.T.Ramprakash, Assistant professor/ ECE, Mr.K.Anthoni Samy, Lab Technician and Mr.K.S.Dhanasekaran, Lab Technician, ECE, Ramco Institute of Technology, Rajapalayam.

Workshop on Internet of Things

Two days’ National Level Workshop was conducted on "Internet of Things" an outreach workshop of Technex’18, IIT Varanasi in association with Innovians Technologies was organised by the Department of Electronics and Communication Engineering during September 08–09, 2017 held at Ramco Institute of Technology. The Sessions were handled by the Resource Persons Mr.Liqzan Manna, Lead Trainer and Mr.Suhan Gowda Assistant Trainer, Innovians Technologies.
TechYuga ‘17

TechYuga is the State Level Technical Symposium Organized by all the Departments of Ramco Institute of Technology on August 12–13, 2017. Department of ECE conducted various Technical events such as TechTalk (Paper Presentation), Techno Frenzy, E-Tussle, ElecFunz, Jumanjee, Counter Strike, Electro Blitz and Workshop. The winners were felicitated by HOD/Incharge of ECE and distributed the certificates to the participants from various Institutions.

One day Workshop on *Python on Embedded Systems* was conducted on August 13, 2017. The chief guest Mr. Moorthy Kanagaraj, Product Manager, M/s. Enthu Technology Solutions India Pvt. Ltd., Coimbatore, inaugurated the workshop and delivered a lecture about the role and importance of the rise of Python for Embedded Systems. Hands on Training also given with Raspberry pi Board to the participants from the various institutions.


The following faculty published papers in **International Conference on Engineering and Advancement in Technology** at Sri Krishna College of Technology, Coimbatore on March 22, 2018.

- R.Chitra, AP/ECE published a paper entitled *Soldier Tracking System in Border Areas using Zigbee and GPS Module*.
- R.Chitra, AP/ECE published a paper entitled *Design of Wallace Tree Multiplier using Carry Increment Adder*.
- A.AzhaguJaisudhanPazhani, AP/ECE published a paper entitled *High speed Error Tolerant Multiplier using Rounding Based Approximation*.
- T.Ramprakash, AP/ECE published a paper entitled *Smart Home Automation for Monitoring PH and TDS Level in Aquarium and Purifier*.
- T.Ramprakash, AP/ECE published a paper entitled *Smart Door Lock System Using Quick Response Code Encryption and Bluetooth Technology*.
- V.SrirengaNachiyar, AP/ECE published a paper entitled *Car Parking guidance system using Arduino*.
- V.Srirenga Nachiyar, AP/ECE published a paper entitled *Accident avoidance due to overtaking and Drowsiness*.
- S.Vijaya Kumar, AP/ECE published a paper entitled *High Speed multiplier design using Binary counter based on symmetric stacking*.


- Ramalakshmi R, AP/ECE published a paper entitled *Smart Gas Safety System using GSM*.
- M.Sangeetha, AP/ECE published a paper entitled *Better Way to Communicate Through Morse Code for Expressive Aphasia Patients*.
- G.Sivakuma, AP/ECE published a paper entitled Gadget for *Real Time Personal Tracking and Vehicle Theft Control System*. 
• S.Periyanayagi, Asso.Prof/ECE published a paper entitled “Smart City Application Based on LORA- Waste Management”.
• D.Gopinath, AP/ECE published a paper entitled “A Wireless Health Monitoring System using Mobile Phone Accessories”.
• A.AzhagujaisudhanPazhani, AP/ECE published a paper entitled “VLSI Computational Architectures for the Arithmetic Cosine Transform”.
• S.Periyanayagi, Asso.Prof/ECE published a paper entitled “Sensor Based Agricultural Application for Crop Selection”.
• S.Periyanayagi, Asso.Prof/ECE published a paper entitled “Implementation of MPLS L3VPN in Wireless Networks”.
• Dr.B.Deepa Lakshmi, AP(SG)/ECE published a paper entitled “A Smart Conference Hall Surveillance System Using IOT”.
• R.Chitra, AP/ECE published a paper entitled “Designing and Planning of RF Network In Gsm Technology”.
• R Divya, AP/ECE published a paper entitled “Exact Timing Analysis of Sequential Circuits”.
• A.Azhagu Jaisudhan Pazhani, AP/ECE published a paper entitled “An Area Efficient VLSI Architecture of Binary Division”.
• D.Gopinath, AP/ECE published a paper entitled “Configurable Indoor Air Quality Monitoring System”.
• R.Deiva Nayagam, AP/ECE published a paper entitled “Obstacle Identification for Visually Impaired People in Indoor Environment”.
• B.Kannan, AP/ECE published a paper entitled “Database Based Real Time Vote Counting System”.
• T.Ramprakash, AP/ECE published a paper entitled “Smart Home Automation for Monitoring PH and TDS Level In Aquarium & Purifier”.
• M.Sangeetha, AP/ECE published a paper entitled “Gain Improvement in Patch Antenna”.
• A.Rameshbabu, AP/ECE published a paper entitled “Design and Implementation of Single Bit Hybrid Fulladder using Tristate Inverter”.
• Dr.B.Deepalakshmi, AP(SG)/ECE published a paper entitled *Implementation of Arithmetic Computation using Vedic Algorithm*.

• A.Azhagu Jaisudhan Pazhani, AP/ECE published a paper entitled *High Speed Error Tolerant Multiplier using Rounding Based Approximation*.

• P.Gunasekaran, AP/ECE published a paper entitled *Monitoring Physiological Variables of Mining Workers and Environmental Variables at High Altitude*.

• R.Divya, AP/ECE published a paper entitled *Detection of Freshness of Fish by using CMOS Methodology for IOT Applications*.

Events Attended (Workshop/FDP/ Seminar)

• Dr.S.Periyanayagi Asso.Prof/ECE, Dr.B.Deepa Lakshmi AP(SG)/ECE, Mr.K.Ragavan AP(SG)/ECE, Mr.B.Kannan AP(SG)/ECE, Mr.A.AzhaguJaisudhan Pazhani AP/ECE, Mrs.R.Chitra AP/ECE, Mrs.G.Gnanapriya AP/ECE, Mrs.R.Ramalakshmi AP/ECE, Mrs.M.Sangeetha AP/ECE, Mrs.V.SrierengaNachiyar AP/ECE, Mrs.R.Divya AP/ECE, Ms.R.Divya AP/ECE, Mr.T.Ramprakash AP/ECE, Mr.D.Gopinath AP/ECE, Mr.S.Vijayakumar AP/ECE, Mr.P.Gunasekaran AP/ECE, Mr.A.Rameshbabu AP/ECE, Mr.V.Rajesh AP/ECE and Mr.R.DeivaNayagam AP/ECE attended FDP on *RF and Microwave Engineering* at Ramco Institute of Technology, Rajapalayam during June 12–16, 2017.

• Mrs.R.Divya AP/ECE and Mr.T.Ramprakash AP/ECE attended Two days Hands–on Workshop on *Python Programming* at Velammal College of Engineering, Madurai during August 18–19, 2017.

• Mr.B.Kannan AP(SG)/ECE and Mr.P.Gunasekaran AP/ECE attended Conference on *NI Days 2017 – Annual Graphical System Design* at ITC Gardenia, Bangalore during October 24, 2017.

• Dr.S.Periyanayagi Asso.Prof/ECE, Dr.B.Deepa Lakshmi AP(SG)/ECE, Mrs.V.SrierengaNachiyar AP/ECE, Mr.A.AzhaguJaisudhanPazhani AP/ECE, Mrs.R.Chitra AP/ECE, Mrs.R.Ramalakshmi AP/ECE, Mrs.M.Sangeetha AP/ECE, Mr.D.Gopinath AP/ECE, Mr.S.Vijayakumar AP/ECE, Mr.P.Gunasekaran AP/ECE, Mr.A.Rameshbabu AP/ECE, Mr.V.Rajesh AP/ECE and Mr.G.Sivakumar AP/ECE at tended FDP on *Human Values and Professional Ethics* at Ramco Institute of Technology, Rajapalayam during October 30, 2017 to November 12, 2017.
Mr. A. Azhagu Jaisudhan Pazhani AP/ECE and Mr. S. Vijayakumar AP/ECE attended Faculty Development and Training program on “Train the Trainer” at Tessolve Semiconductor Test Engineering Lab during November 20–24, 2017.


Mr. A. Azhagu Jaisudhan Pazhani AP/ECE, Mr. D. Gopinath AP/ECE and Mr. S. Vijayakumar AP/ECE attended Training Program on “Electronic System Design and Manufacturing (ESDM) & Testing using Cadence OrCAD” at Entuple Technologies, Bangalore during November 27, 2017 to December 01, 2017.

Mrs. R. Ramalakshmi AP/ECE attended Faculty Development Programme on “Research Issues in Antenna Design for Wireless Applications” at Mepco Schlenk Engineering college, Sivakasi during November 27, 2017 to December 01, 2017.

Mr. G. Sivakumar AP/ECE attended Faculty Development Training Programme on “BE8255 – Basic Electrical, Electronics and Measurement Engineering” at St. Joseph’s Institute of Technology, Chennai during December 01–08, 2017.

Mr. P. Gunasekaran AP/ECE attended the Short term Course on “Array Signal Processing in Radar & Wireless Communication” at Thiyagarajar College of Engineering, Madurai at during December 04–10, 2017.

Dr. B. Deepa Lakshmi AP(SG)/ECE and Mr. B. Kannan AP/ECE attended the International Workshop with Hands-on sessions on “Advanced Control System Design” at Amrita University, Coimbatore during December 04–10, 2017.

Mr. T. Rampakash AP/ECE and Ms. R. Divya AP/ECE attended Faculty Development Programme on “Design, Modeling, Simulation and Analysis of Advanced Electronic Circuits” at Thiyagarajar College of Engineering, Madurai during November 14, 2017 to December 08, 2017.

Mr. K. Ragavan AP(SG)/ECE attended the Workshop on “Internet of Things-IoT” supported by UGC-DRS-SAP-Phase–II at Madras Institute of Technology, Chennai during February 23–24, 2018.

Mr. P. Gunasekaran, AP/ECE Completed the Certified “Cyber Security Professional” at Anna University, Chennai during February 24–25, 2018.
Cash Prizes with Certificates of Appreciation were presented for Best Academic Performance to faculty members who produced 100% results.

- Dr.B.Deepa Lakshmi – AP(SG)/ECE – in EC6405 Control System Engineering for II ECE B.
- Mr.B.Kannan – AP(SG)/ECE – in EC6504 Microprocessor and Microcontroller for II CSE and EC6013 Advanced Microprocessors and Microcontrollers for IV ECE A.
- Mr.A.AzaghuJaisudhanPazhani – AP/ECE – in EC6007 Speech Processing for IV ECE A.
- Mrs.G.Lakshmi Priya – AP/ECE – in EC6201 Electronic Devices for I ECE B.
- Mr.A.Chitra – AP/ECE – in EC6401 Electronic Circuits – II for II ECE B and EC6601 VLSI Design for III ECE A.
- Mrs.V.SrirengaNachiyan – AP/ECE – in GE6075 Professional Ethics in Engineering for IV ECE.
- Mrs.G.GnanaPriya – AP/ECE – in EC6402 Communication Theory for II ECE B.
- Ms.R.Divya – AP/ECE – in EC6404 Linear Integrated Circuits for II ECE B.
- Mrs.M.Sangeetha – AP/ECE – in EC6602 Antenna and Wave Propagation for III ECE A.
- Mr.T.Ramprakash – AP/ECE – in EC6703 Embedded and Real Time Systems for IV ECE A and CS6701 Cryptography and Network Security for IV ECE.
- Mr.D.Gopinath – AP/ECE – in EC6503 Transmission Lines and Wave Guides for III ECE B.
- Mr.D.Gopinath – AP/ECE – in EC6016 Opto Electronic Devices for IV ECE A.

Overall Trophy of the Year

The Department of Electronics and Communication Engineering received the overall Trophy for the best academic performance for the academic year 2016–2017.
Academic Achievements

In order to cope with the rapidity with which knowledge itself changes, today’s student must seek to achieve academic excellence. The academic excellence of our students were exhibited in the Anna university examinations.

Toppers in IV ECE A & B

- HARINI JAYA-LAKSHMI M (8.94)
- MAHA LAKSHMI P (8.83)
- ANU SELVAMATHI J B (8.81)
- PUSHPAVALLI S (8.78)
- JEYA LAKSHMI A (8.71)

Toppers in III ECE A & B

- AKSHAYA GOMATHI C (8.88)
- PADMA JAYA REKHA K (8.72)
- DIVYA S (8.79)
- PERUNJOTHI A (8.76)
- LAKSHMI PRIYA D (8.75)

Toppers in II ECE A & B

- ISWARYA DEVI P (9.00)
- VIGNESH PRIYA K (8.99)
- NANDHINI R (8.89)
- YAMINI (8.70)
- SIVA CHIDAM-BARAM (8.68)

Toppers in I ECE A & B

- ABIRAMI R (9.04)
- LIBIYA JOSEPH (8.92)
- PRIYA DHARSHINI R (8.88)
- SHAINA DAVITA (8.88)
- SINDHUJA C S (8.88)
The Training and Placement Cell of this college provides guidance and all the assistance for the students in order to achieve their career goals. The unit takes right steps in identifying the demands of the current industry and prepares our students towards this need. Adequate emphasis is given for soft skill development complementing the regular academic programmes.

Aptitude Tests and Group Discussions are conducted at regular intervals to enable the students to improve their performance in interviews. Pre-placement training is given based on their core subject for three days before every interview schedule for them. Further, the Training and Placement Cell were conducted Soft skills and Aptitude Training Programmes by various reputed training organizations like FACE, SMART etc., to enrich their knowledge for successfully to achieve their placements.

Our Students achieved placement in various reputed companies through On-Campus and Off-Campus Recruitment. Many IT and Core companies visit our college to select candidates. The list of placed students in the Batch 2014–2018.

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<tr>
<th>S.No</th>
<th>Name of the student</th>
<th>Placed company Name</th>
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<tbody>
<tr>
<td>1</td>
<td>HARINI JAYALAKSHMI M</td>
<td>Vernalis Systems</td>
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<td>2</td>
<td>ANU SELVAMATHI J B</td>
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<td>3</td>
<td>VEERAMANI VISWANATHAN B</td>
<td>VVDN Technologies Pvt. Ltd.</td>
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<td>4</td>
<td>JEYA LAKSHMI A</td>
<td>Vinayak Infotech</td>
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<td>5</td>
<td>HARIHARAN M</td>
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<td>6</td>
<td>JOTHIRAM KARTHICK R</td>
<td>Vinayak Infotech</td>
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<td>KOUSHIKA G</td>
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<td>8</td>
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<td>VISHNUKUMAR M</td>
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<td>MAHALAKSHMI P</td>
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<td>MUNNEESWARI G</td>
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<td>13.</td>
<td>LAVANYA M</td>
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<td>SIVA RANJANI S</td>
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<td>STEFY R</td>
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<td>UMA RANI V</td>
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<td>SELVAMEENA M</td>
<td>Ramco Systems</td>
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<td>RASHMICA T S</td>
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<td>SUBHALAKSHMI T</td>
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<td>23.</td>
<td>ANUPRIYA M</td>
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<td>DHANA DHARSHINI A B</td>
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<td>UMA MAHESWARI M</td>
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<td>SANGEETHA M</td>
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<td>Mobius Knowledge Services</td>
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<td>38.</td>
<td>PRIYANKA P</td>
<td>Hinduja Global Solutions</td>
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<td>39.</td>
<td>SUBHA S</td>
<td>Hinduja Global Solutions</td>
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<td>40.</td>
<td>VELA ISWARYA K</td>
<td>Hinduja Global Solutions</td>
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<td>41.</td>
<td>SANDHYA C</td>
<td>Hinduja Global Solutions</td>
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<td>42.</td>
<td>SUNDARA MAHALINGAM P</td>
<td>Hinduja Global Solutions</td>
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<td>43.</td>
<td>AKALYA SEKAR S</td>
<td>Hinduja Global Solutions</td>
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<td>KARUTHAPANDIAN B</td>
<td>Hinduja Global Solutions</td>
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<td>45.</td>
<td>JEBAPRIYADHARSHINI K</td>
<td>Hinduja Global Solutions</td>
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<td>46.</td>
<td>GIRIJA G</td>
<td>Hinduja Global Solutions</td>
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<td>47.</td>
<td>ARAVINTHAN M</td>
<td>Hinduja Global Solutions</td>
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<td>AZHAGU LAKSHMI A</td>
<td>Hinduja Global Solutions</td>
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<td>GNANAGURU A</td>
<td>Hinduja Global Solutions</td>
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<td>50.</td>
<td>SELVALAKSHMI R</td>
<td>Apptivo Software  Private Ltd.</td>
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<td>51.</td>
<td>SELVA PRIYA DHARSHINI U M</td>
<td>Axis Global Automation</td>
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<td>52.</td>
<td>KALAIARASI R</td>
<td>Axis Global Automation</td>
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<td>53.</td>
<td>PADMA SRI SWEDHA M</td>
<td>Paragon Digital Services</td>
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<td>54.</td>
<td>KISHORE S</td>
<td>Solartis Technology Services, Madurai</td>
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<td>55.</td>
<td>SURUTHI K</td>
<td>Apptivo Software  Private Ltd.</td>
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<td>56.</td>
<td>DHANA DHARSHINI A B</td>
<td>Apptivo Software  Private Ltd.</td>
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<td>57.</td>
<td>PAVITHRA S</td>
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<td>58.</td>
<td>RASHMICA T S</td>
<td>Savvy soft</td>
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<td>59.</td>
<td>SARASWATHI R</td>
<td>Hinduja Global Solutions</td>
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<td>60.</td>
<td>SELVA PRIYA DHARSHINI U M</td>
<td>Hinduja Global Solutions</td>
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<td>61.</td>
<td>PRIYANKA P</td>
<td>Paragon Digital Services</td>
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</table>
Inplant Training

In order to cope with the rapidity with which knowledge itself changes, today’s students must seek to achieve theoretical and practical academic excellence. To bridge the gap between theoretical and practical knowledge in our technical areas, our students had undergone inplant training in various organizations in the field of electronics and communications during their semester holidays. This will provide an industrial exposure to the students as well to develop their career in the high tech industrial requirements. The students had undergone training in

- DCW Limited, Arumuganeri
- Hewlett-Packard Enterprises, Coimbatore
- Uniq Technologies, Coimbatore
- Indira Gandhi Centre of Atomic Research, Kalpakkam
- Railnet Software Solutions, Madurai
- Code Bind Technologies, Coimbatore
- BSNL, Virudhunagar
- Neyveli Power Company Pvt. Ltd., Neyveli
- Doordharshan, Tirunelveli
- Kodai FM, Kodaikanal

Industrial Visits

- 54 Students of I Year ECE A were visited an Industrial visit at Rajapalayam Mills Limited, Rajapalayam on June 01, 2018.

- 54 Students of I Year ECE B were visited an Industrial Visit at RAMCO Spinners, Rajapalayam on June 01, 2018.

- 92 Students of IV Year ECE A & B were visited an Industrial Visit at Entuple Technologies Private Limited, Bengaluru, Karnataka on June 16-17, 2017.

- 99 Students of III Year ECE A & B were visited an Industrial Visit at Vikram Sarabhai Space Centre–ISRO, Thiruvananthapuram, Kerala on June 05, 2017.
Co-Curricular Activities

- V.Umarani, IV Year ECE Participated in **MSP430-Online Contest** organised by Texas Instruments July 12, 2017.


- G.Minilakshmi, II Year ECE participated in Workshop on **“Next Generation Cyber Weapons”** at Karpagam College of Engineering, Coimbatore on August 05, 2017.


- J.Arunkumar, M.Muthuraj, K.Aravinth Kumar, V.Mari Krishnan, II Year ECE participated “**Workshop on IOT**” organised by Coimbatore Institute of Technology, Coimbatore during September 08–09, 2017.


- R.Arunkumar, II Year ECE Participated workshop on **“ANDROID App Development”** organised by UNIQ Technologies on December 12, 2017.


• R.Deepika, III Year ECE participated in **Paper presentation** as a part of Inter college Technical symposium—ELECTROFOCUS’18 organised by MIT Anna University, Chennai during March 09–10, 2018.

• C.Karthika @Jannani, M.Mukila, M.Karpagavalli, III Year ECE participated in the event of National Level Technical Technical symposium ZERONE 2K18– **Treasure Hunt** organised by Government College of Engineering, Tirunelveli during March 12–13, 2018.


• D.Lakshmi Priya, III Year ECE attended a **“workshop on IOT”** as a part of the symposium—ERSMERONZ’18 organised by Bannari Amman Institute of Technology, Sathyamangalam during March 15–16, 2018.

• S.Anbukkarasi, III Year ECE participated in the event of National level Technical festival, VYUHA 2K18 – **PAPERINO. Tech Falooda** and Workshop on **“Real time Projects using IOT”** organised by Kamaraj college of Engineering and Technology, Virudhunagar on March 16, 2018.

• S.Sainanda Kishore, G.M.Vairamuthu, I Year ECE participated in **Line follower Robot Competition** as a part of Inter college Technical symposium organised by MIT Anna University, Chennai during March 16–17, 2018.

- P.Priyanka, M.FreethiSelvakiruba, K.Packialakshmi, IV Year ECE – “Accident Avoidance to overtaking and drowsiness”.
- M.Anitha, K.Lakshmipriya, G.Muneeswari IV Year ECE – “Cloud based Oil well Monitoring Systems”.
- B.Veeramaniviswanathan, T.SubashChandrabose, K.Satheeshkumar, IV Year ECE – “Smart Door Lock System using Quick Response Code Encryption and Bluetooth Technology”.
- M.Sharmima, T.Subhalakshmi, A.Mahalakshmi, IV Year ECE – “Smart Home Automation for Monitoring pH and TDS Level in Aquarium and Purifier”.


- S.Pavithra, R.Pritha, K.Sanghavi, IV Year ECE – “Microcontroller based gesture controlled car with Obstacle Avoidance”.
• R.Priyadharshini, K.Subasree Kowsalya, B.Sophika, IV Year ECE – “Exact Timing Analysis of Sequential Circuits”.
• S.E.PadmaGokila, M.Shenbagavalli, P.UmaMaheswari, IV Year ECE – “Wireless Health Monitoring System using Mobile Phone”.
• R.Selvalakshmi,M.Selvameena, IV Year ECE – “Monitoring Physiological Variables of Mining Workers and Environmental Variables at High Altitude”.
• K.Sruthi, M.sangeetha, R.SashiSriJeyam, IV Year ECE – “High Speed Energy Efficient Approximate Multiplier using Rounding based Approximation”.
• P.Priyanka, S.Sangeetha, R.SivaniPriya, IV Year ECE – “Avoidance of Accident due to overtaking and Road Safety”.
• K.Piruthika, V.Ponni, U.M.SelvaPriyadharshini, IV Year ECE – “High Speed Multiplier Design using Binary Counter based on Symmetric Stacking”.
• J.Prathiba, C.Sandhya, T.Vasanthi, IV Year ECE – “Surveillance System for Pond Water Quality using IOT”.
• M.PadmaSriswedha, B.SyndiaPriyadharshini, K.Velaiswarya, IV Year ECE – “A Smart Conference Hall Surveillance System using IOT”.
• B.Kamaraj, R.Kumar, A.J.Arul Zeno, IV Year ECE – “Gadget for Real Time Personal Tracking and Vehicle Theft Control System”.
• B.Karuthapandia, S.Kishore, M.Dineshkumar, IV Year ECE – “Implementation of MPLS L3VPN in Wireless Networks”.
• G.Indhumathi, C.Iswarya, J.M.Jaisri, IV Year ECE – “Gain Improvement in Patch Antenna”.
• J.B.Anuselvamathi, V.Gobiya, M.Gokila, IV Year ECE – “Smart Health Monitoring System in ICU Using BLE and MQTT Review”.
• R.Dhivyadharshini, A.JeyaLakshmi, G.Koushika, IV Year ECE – “Smart Air Application based on LORA – Waste Management”.
• M.Logeswari, P.MahaLakshmi, B.Muthumeena, IV Year ECE – “An Area Efficient VLSI Architecture for Binary Division”.
• I.Ashik Abdullah, R.JothiRamanPrathik, B.Mugeshkumar, IV Year ECE – “Configurable Indoor Air Quality Monitoring System”.

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The following students presented papers in National Conference on Modern Developments with Keen and Renovation Techniques – NCMDR 2018 at Hindustan Institute of Technology, Coimbatore on March 23, 2018:

- J.Prathiba, C.Santhy, V.Vasanthi, IV Year ECE – Industrial Noise and Dust Monitoring System using IOT*
- M.PadasriSwedha, B.SyndiapriyaDharshini, K.VelaiSwarya, IV Year ECE – Smart Seminar Hall Surveillance System*
- B.Anubala, P.Bhuvaneswari, V.S.Janani, K.Nivethapriya, IV Year ECE – Reduction of Standby Mode* Power Dissipation using 8T SRAM Cell*
- M.Padasriswedha, B.Syndiapriyadharshini, K.Velaiswarya, IV Year ECE – A Smart Conference Hall Surveillance System using IOT*
- J.Prathiba, C.Sandhya, T.Vasanthi, IV Year ECE – Surveillance System for Pond Water Quality using IOT*

The following students participated and won prizes in 5th Sports Day celebration at RIT-Rajapalayam on March 26, 2018.

- M.Ponsheela, I year ECE participated in 100 meters and won I prize.
- B.Muthu Divya Gayathri, IV year ECE participated in Throw ball and won II prize.
- M.Ponsheela, I year ECE participated in 200 Meters and won I prize.
- M.Dhanalakshmi, I year ECE participated in 200 Meters and won II prize.
- M.Ponsheela, I year ECE participated in 400 Meters and won I prize.
- M.Santhiya, II year ECE participated in 400 Meters and won II prize.
- N.Rajalakshmi, IV year ECE participated in 400 Meters and won II prize.
- V.Sivapriya, I year ECE participated in 400 Meters and won III prize.
- R.Sivaraman, II year ECE participated in Ball Badminton and won I prize.
- V.Mari Krishnan, II year ECE participated in Tennikoit and won II prize.
- S.Rajaguru, II year ECE participated in Tennikoit and won I prize.
- A.Bhuvaneswari Bai, II year ECE participated in Shot Put and won II prize.
- M.Muthurani, II year ECE participated in Shot Put and won I prize.
- A.Vidya, II year ECE participated in Long Jump and won II prize.
- N.Rajalakshmi, IV year ECE participated in 400 Meters and won III prize.
- M. Dhana Lakshmi, I year ECE participated in 400 Meters and won II prize.
- G.Jeyavarsha, I year ECE participated in Table Tennis and won II prize.
- S.Priyadharshini, III year ECE participated in Carrom and won II prize.
- G.Jeyavarsha, I year ECE participated in Badminton and won II prize.
- R.Sreejayapratha, III year ECE participated in Carrom and won I prize.
- M.Muthurani, II year ECE participated in Badminton and won I prize.
Awards and Honors Received

- M.Harini Jayalakshmi, IV year ECE got the “Best Outgoing student” for the Department of ECE in 2014-2018 Batch.


- P.Iyyappan and R.Jothiram Karthick, IV Year ECE has been Shortlisted for the Second Round of Idea Presentation in Funding Carnival organized by TiE, Coimbatore conducted by Thiagarajar College of Engineering, Madurai on March 23, 2018.


- M.Jeeva Linggesh, II Year ECE secured Third Place and won Bronze medal among 13 participants in District Chess Tournament for under 19 boys events held at Rajapalyam Living Hope Matriculation School on March 11, 2018.

- The following students won the prizes in the National Science Day Celebration at RIT, Rajaplayam on February 28, 2018:
  - D.Joseph Chandrashekar, R.Arunprasanth, S.Bhuvan Akshay and S.Jegadheesh Kumar, I year ECE won I Prize in the Project Exhibition.
  - S.B.Dhananjayan, K.Mahadevan, A.Makeshkumar and M.Bharath Singaraj, II year ECE won II Prize in the Project Exhibition.
  - A.Piruthiba, K.Pavithravalli, A.Sathiayavathi and S.Pragatheeswari, III year ECE won Third Prize in the Project Exhibition.
• J.Madhana Gopal, II Year ECE secured Fifth Place among 13 participants in **District Chess Tournament** for under 19 boys events held at Rajapalyam Living Hope Matriculation School on March 11, 2018.

• K.Alex Pandian, I Year ECE secured Fourth Position in VII National Rural Games 2017 – **Atheletics** organized by Tamilnadu Rural Games Association(RGFI) on November 24, 2017.

• P.Praveen, I Year ECE secured Fourth Position in VII National Rural Games 2017 – **Shuttle Badminton** organized by Tamilnadu Rural Games Association (RGFI) on November 24, 2017.

• J.Madhana Gopal, II Year ECE secured seventh Place among 36 participants in **District Chess Tournament** for under 19 boys events held at srivilliputtur Chess Club & APS Chess Academy.

### Online Certification Courses

• 2 students of IV year ECE successfully completed the online course on “**Electricity and Magnetism**” offered by University of Michigan, USA.

• 7 Students of III year ECE successfully completed the online course on “**Optical Materials and Devices**” offered by Massachusetts Institute of Technology, USA.

• 4 Students of III year ECE successfully completed the online course on “**Learn to Program in Java**” offered by Microsoft Corporation.

• 2 Students of III year ECE successfully completed the online course on “**Intermediate C++**” offered by Microsoft Corporation.

For Further Details
Visit: www.ritrjpm.ac.in