



# Ramco Institute of Technology



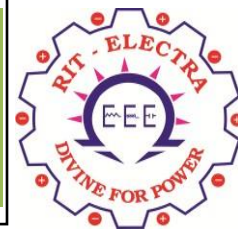
Department of Electrical and  
Electronics Engineering

**RIT-ELECTRA**



**NEWS LETTER**

**JUNE 2017-MAY 2018**



### Department of Electrical and Electronics Engineering:

The Department of Electrical and Electronics Engineering is established in the year 2013. Currently, it offers a 4 year Under-Graduate programme, B.E. Electrical and Electronics Engineering with a sanctioned intake of 60.

The objective of the Department is to impart quality education and competitive training that will transform Students into Professional Engineers who are prepared to meet the needs of the society and adapt to the rapidly changing technology in various areas of Electrical and Electronics Engineering.

The Department has well-qualified and experienced Faculty members with specialization in Power Systems, High Voltage Engineering, Power Electronics and Control Systems. The Faculty members also have wide experience in teaching. They have a strong sense of responsibility to provide the finest possible engineering education to the students.

The Department has dedicated and state-of-the-art laboratories and leading softwares like DigSILENT Lab VIEW Academy, ETAP, MATLAB, PLC/SCADA and Power World Simulator to cater to academic and research activities. It provides the Students with an in-depth knowledge in fundamentals and practical applications, so that he/she can pursue for wide-range of career opportunities.

The Department conducts Workshops, Seminars and Conferences and invites renowned academicians and industrial experts to enable the Students and Faculty to update with the latest developments. It also encourages Students to interact with Experts from Industries and other prominent Institutions.



*Dr. S. Kannan, Professor and Head*

### Vision:

❖ To produce highly competent Electrical and Electronics Engineers with professional skills and a sense of ethics to meet the demands of technologically advancing society.

### Mission:

❖ Empowering the students with up-to-date knowledge and technological skills in Electrical and Electronics Engineering thrust areas.

❖ Providing a rigorous practical training through industrial collaboration to produce Electrical and Electronics Engineers with good design experience.

❖ Adopting effective teaching learning methodologies and value added courses to create Electrical and Electronics Engineers with a strong fundamental knowledge.

❖ Enabling the students to be “life-long” learners to meet intellectual, ethical and career challenges.

### Program Educational Objectives (PEOs):

❖ Graduates will have adequate knowledge in basic science, mathematics and engineering necessary to formulate, solve and analyse electrical and electronics problems.

❖ Graduates will have the ability to apply engineering & management skills in their own / team projects in multidisciplinary environment, leading to successful careers and research.

❖ Graduates will have ability to engage in lifelong learning and an appreciation for professional ethical behaviour.

❖ Graduates will demonstrate technical knowledge and ethical values for professional development to meet the societal needs.

### Program Specific Outcomes (PSOs):

❖ Model and analyze the performance of Electrical Machines, Control and Instrumentation systems and Power and Power Electronic systems.

❖ Design the hardware and software requirements for the development of Electrical drives and Industrial Automation systems.

❖ Provide socially acceptable technical solutions to complex electrical engineering problems with the application of modern and appropriate techniques for sustainable development.

❖ Apply the knowledge of ethical standards and management principles required to work in a team.

### Editorial Desk:

I am happy to inform you that, as part of our department Association activities, The Newsletter for June 2016 to May 2017 contains various activities carried out by the students and faculty of the EEE department.

- Dr. S. Kannan

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### 07.07.2017 RIT-ELECTRA "Inauguration of EEE association"

The inaugural function of Electrical and Electronics Engineering department association RIT ELECTRA for the academic year 2017 - 2018 was held on July 07, 2017. Mr. G. Durairaju, Managing Director, GD Electrical Equipment's Private Limited, Coimbatore was the chief guest of the function. The function started at 3.00 PM. Students from second, third and fourth year and faculty members of EEE department attended the function. The function started with a welcome address by Ms. C. Nivetha of III year EEE.

Mr. D. Karthik Prabhu, the faculty coordinator of RIT-ELECTRA announced the annual plan of the association for the academic year 2017- 2018. Dr. S. Kannan, HoD/EEE honoured the chief guest with a shawl and the memento. Ms. M. Nirmala of III year EEE gave a brief introduction about the chief guest. It was followed by chief guest address. Mr. G. Durairaju gave a lecture in "Electrical Machines". He also shared his knowledge about the manufacturing of various parts of the machineries. Finally, the inauguration function ended with a vote of thanks by Mr. M. Jaganathan of III year EEE.

Report by: Mr. D. Karthik Prabhu, AP(SG)/EEE

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### 15.07.2017 Industrial Visit to "GD Electrical Equipments", Coimbatore

RIT-ELECTRA arranged a one day Industrial Visit to **GD Electrical Equipments, Coimbatore** for III year EEE students. 62 students of third year EEE were accompanied by 4 faculty members: Mr. D. Karthik Prabhu, AP/EEE, Mr. E. Thangam, AP/EEE, Dr. G. Kanthimathi, AP(SG)/Chemistry and Ms. R. Divya, AP/ECE. They first showed the materials used in the fabrication process of the machineries.

Then we saw the entire assembly process of dc motors as well as ac motors and the process of fabrication of various parts for the construction of various electrical equipments. An interactive session was arranged in which the doubts of the students were clarified by the industry trainers. The visit came to an end at 4.00 PM.



Students at Industrial Visit, GD Electrical Equipments, Coimbatore

Report by: Mr. D. Karthik Prabhu, AP(SG)/EEE

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### 28.07.2017 and 29.07.2017 A Two day Workshop on "ArduBotics Robotics"

ArduBotics Robotics Workshop was organised by Technex'18 Indian Institute of Technology, Varanasi in association with Innovians Technologies in our college on July 28 & 29, 2017. Innovians Technologies (Unit of PRATS Technologies Pvt. Ltd.) provides workshop on various domains for different Engineering branches on National as well as International Level.

This programme was jointly organised by Mechanical and EEE departments. Mr. Liqzan Manna (Lead Trainer), Mr. Nagarjuna Reddy (Assistant Trainer) and Mr. Gangireddy Venkata Ramana Reddy (Assistant Trainer) were the resource persons for this workshop. They have conducted two days' workshop on ArduBotics Robotics- Autonomous Robotics, Android Controlled Robot, Robotics App Development and at the last day, a competition was held to certify the best Robot.



Inauguration of Workshop on "ArduBotics Robotics"

Report by: Mr. S. Meenakshi Sundaravel, AP/EEE



### **07.08.2017 Industrial Visit to “Traco Cable”, Kochi**

RIT-ELECTRA arranged a one day Industrial Visit to *Traco Cable*, Kochi for IV year EEE students. 71 students of final year EEE were accompanied by 2 faculty members: Mr. N. Ganesh, AP/EEE, Ms. P. Jothi Thilaga, AP/CSE. They have shown all the steps for insulation of cables, manufacturing of Aluminium Cable Steel Reinforced and Aerially Bundled Cables. An interactive session was arranged in which the doubts of the students were clarified by the industry trainers. The visit came to an end at 12.30 PM.

*Report by: Mr. N. Ganesh, AP/EEE*

### **12.08.2017 to 13.08.2017 “TECHYUGA’17” – a state level technical symposium**

The state level Technical Symposium *Techyuga’17* was held on August 12 & 13, 2017. The symposium was jointly organized by Civil, CSE, EEE, ECE and Mechanical departments. The chief guest for the inauguration function shared wonderful words of encouragement with the students quoting the need to invest in improving the practical knowledge of every engineering student apart from the theoretical knowledge they gain in the course of their study.

On behalf of department of EEE, five events were conducted on August 12, 2017. Around 120 participants from various colleges were actively participated in the events - Master in You, Tech-No-Tech, Fun On, Solariz, Circuitronics. In addition to that, paper presentation was also conducted. 40 Students from various Engineering colleges actively participated in the event and presented their papers. A workshop on “Internet of Things with Arduino” was conducted on August 13, 2017. Around 60 members have participated and gained knowledge.

The State Level Technical Symposium came to an end by the felicitation of winners of various competitions with cash prizes and certificates.

*Report by: Mrs. S. Jeyanthi, AP/EEE*

### **30.10.2017 to 12.11.2017 A two week AICTE sponsored FDP on “Human Values and Professional Ethics”**

The Department of Electrical and Electronics Engineering of Ramco Institute of Technology successfully conducted a two week AICTE sponsored Faculty Development Programme on Human Values and Professional Ethics during October 30, 2017 to November 12, 2017. Twenty two participants from various Engineering colleges in Tamil Nadu, one participant from Narsapur and forty four internal participants had registered and participated in this programme. The Inaugural function was held on October 30, 2017 at 11.00 AM. The Co-ordinator, Dr. S. Kannan, Professor and Head,

Department of Electrical and Electronics Engineering welcomed the gathering. Prof. M. S. Ananth, Former Director, IIT, Madras delivered the Inaugural and Keynote Address on Ethics and Freedom.



*Inauguration of AICTE Sponsored FDP on “Human Values and Professional Ethics”*

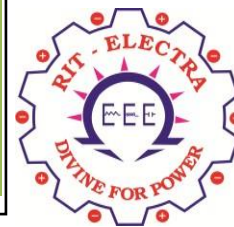
Eminent Speakers from Premier Institutions and Host Institution delivered lectures on various topics related to Human Values and Professional Ethics.

The Valedictory function was held on November 11, 2017 at 4.00 PM, Shri N. Ravi Shankar, President (Manufacturing), The Ramco Cements Limited, Virudhunagar was the chief guest of the function. Dr. S. Kannan, Professor and Head, Department of Electrical and Electronics Engineering presided over the function and proposed the vote of thanks.

*Report by: Mr. N. Ganesh, AP/EEE*

### **13.11.2017 to 17.11.2017 Value added course on “PLC Programming”**

The value added course on PLC programming was organized by the Department of Electrical and Electronics Engineering for third year students during November 13 - 17, 2017 conducted by P.A.C. Ramasamy Raja Polytechnic College (High Skill Training & Research Centre, SPCU, DOTE, Chennai), Rajapalayam. Totally 48 students attended this course. The resource persons Dr. V. R. Velmurugan, Lecturer and Mr. G.Rajagopal, HoD/EEE-SF from P. A. C. Ramasamy Raja Polytechnic College, Rajapalayam conducted this course. During training, Introduction to Programmable Logic Controller (PLC), Hard Wired Control Circuit, Relay Type Instruction using PLC Programming Software, Developing Ladder Logic for DOL Starter, Timer and Counter Instruction, Application Circuits, Different Types of Sensors, Sensor Interfacing with PLC, Introduction to TIA Portal Software, Introduction to S7 1200 PLC & HMI, Demo of PID



Controller & VFD. This course was very much helpful to the students.



Value added course on "PLC PROGRAMMING"

In the feedback session, students said the training will be helpful for them to do mini projects and UG projects. Overall, the training was found to be very useful.

Report by: Mr. S. Viignesh, AP/EEE

#### 19.01.2018 Guest Lecture on "Electrical Safety"

A Guest Lecture on Electrical Safety was delivered by Mr. S. Narayanan, Safety Engineer, Larsen & Toubro, Gujarat on January 19, 2018 at 3.00 PM in the EEE Seminar Hall for III year EEE students. He explained in detail about fire and safety in Industry. He also discussed the role and importance of safety engineers. He insisted the students to undergo diploma courses in safety like NEBOSH and diploma in fire and safety.



Guest lecture on "Electrical Safety"

Report by: Mrs. S. Jeyanthi, AP/EEE

#### 23.01.2018 Extention Programme for Hindi

The department of Hindi, Ayya Nadar Janaki Ammal College, Sivakasi organised an Extension Programme in our college on January 23, 2018. In this programme Mrs. G. Narmada, Professor of Hindi highlighted about job avenues in Hindi and also he narrated about the glimpse of history of Hindi literature. Students from Ayya Nadar Janaki Ammal College gave awareness

speech on importance of Hindi, how to improve our spoken Hindi skills, Gandhiji's contribution to Hindi, and also about Ancient devotional poet Tulsidas. Competitions like word building, sentence making, and test of memory were conducted. Prizes were also awarded to the winners. Teaching faculty of our college motivated and guided our students to participate in extension programme effectively. The extension programme was very informative and useful and more than one hundred students were benefited through this programme.

Report by: Mr. E. Thangam, AP/EEE

#### 19.02.2018 Guest Lecture on "Employability Skills for Industry"

A Guest Lecture on Employability Skills for Industry was delivered by Mr.R. Prabhu, Safety Engineer, Larsen & Toubro, Gujarat on February 19, 2018 at 3.00 PM in the PSS Laboratory for III & IV year EEE students. He spoke about the various fields of opportunities in new area. He spoke about the recent trends such as Internet of Things, etc. He advised the students to do project in smart grid and also on Internet application such as smart healthcare, smart retail, smart irrigation, smart traffic system, smart home.



Guest lecture on "Employability Skills for Industry"

Report by: Mrs. S. Jeyanthi, AP/EEE

#### 28.02.2018 National Science Day Celebration

National Science Day was celebrated on February 28, 2018. To expose the talents of the students during National Science Day celebration, a Project Expo was conducted to I, II and III year students of EEE. 30 students of I year EEE registered as 08 project teams and enthusiastically participated in the project-expo. In the same way, almost all the II and III year students were also gave their participation. To encourage the students, a committee consisting of 3 members evaluated the students' projects and announced the prize winners of the Project-Expo. A. Sachin, S. N. Santhosh, S. Senthil Kumar, A. Sheik Mohamed, B. Bharathi of III year EEE won I



prize. K. Ganesh Ram, R. Pranav Kaarthick, S. Ramanan, B.Ramesh Babu of III year EEE won II prize and B.Ajitha, R.Bava Thaarini, A.Deepika, V. Dharani of III year EEE also won II prize. A.Gaayatri, M. Muthu Lakshmi, M. Nirmala, C. Nivetha of III year EEE won III prize and G. Harish Kumar, S. Krish Sharan, M. Muniraja, R. Praveen Kumar of II year EEE also won III prize.



Students explaining their project to school students

Report by: Mrs. S. Jeyanthi, AP/EEE

**22.03.2018 Field Visit to RIT Power House**

RIT-ELECTRA arranged a field visit to RIT Power House on 22.03.2018 for II year EEE students. The students were accompanied by three faculty members, Mr. D. Karthik Prabhu, AP(SG)/EEE, Mr. E. Thangam, AP/EEE taken to the visit by 11.00 AM. The students were formed in 3 batches and were explained about transformer, bus bar arrangements, and types of cables, circuit breaker, relays, and different types of earthing.



Students at Field Visit – “RIT Power House”



Students at Field Visit – “RIT Power House”

The faculty members clarified the doubts asked by the students. Finally the visit came to an end at 12.35 PM.

Report by: Mr. D. Karthik Prabhu, AP/EEE

**04.04.2018 Field Visit to RIT Solar Plant**

RIT-ELECTRA arranged a field visit to RIT solar plant on April 04, 2018 for IV year EEE students. The students were accompanied by two faculty members, Mr.N.Ganesh, AP/EEE and Mrs. S. Jeyanthi, AP/EEE taken to the visit by 11.45 AM. The students were separated into 3 batches and Mr. M. Renga Subramaniyan, Electrical Engineer, RIT Power House explained the layout and installation of solar plant, total number of solar panels, material used for making solar panel, inverters and maximum power point trackers. The faculty members clarified the doubts asked by the students. Finally the visit came to an end at 12.35 PM.

Report by: Mrs. S. Jeyanthi, AP/EEE

**05.04.2018 RIT ELECTRA valedictory**

The association valedictory of RIT-ELECTRA was conducted on April 05, 2018. The function started with the prayer. Ms. M. Nirmala (III year EEE) welcomed the gathering. Mr. D. Karthik Prabhu, AP(SG)/EEE Association In-charge presented the annual report for the academic year 2017-18. Mr. R. S. Rajendran, Team Lead - Projects, Tecknia Technologies, Coimbatore was invited as the chief guest. He delivered the lecture on the topic of “Industrial Automation”. He explained about robotics in processing industry, assembling industry, pick & place application, food industries, etc. He then explained, the future of industrial automation with IoT using cloud and big data.



Guest lecture on “Industrial Automation”

His speech inspired the students.

Report by: Mr. D. Karthik Prabhu, AP/EEE

**08.04.2018 Line Follower - Event**

RIT-ELECTRA conducted an event “Line Follower” for I, II and III year EEE students. The objective of the contest was for a robot to follow a black line on a



white background, without losing the line. The robot has to complete the course in a shortest period of time from start to finish. 19 teams from I, II and III year EEE participated in this event. Based on the rules and regulations, the event was conducted and prizes were announced. I prize, II prize and III prize was shared by a team of members from III year EEE.

*Report by: Mr. S. Viignesh, AP/EEE*

**12.04.2018 Industrial Visit to “Vikram Sarabhai Space Centre-Space Museum”, Thiruvananthapuram**

RIT-ELECTRA arranged a one day Industrial Visit to Vikram Sarabhai Space Centre-Space Museum, Thiruvananthapuram for IV year EEE students. 38 students of final year EEE were accompanied by 2 faculty members: Mr.N.Ganesh, AP/EEE, Mrs. Sumathi – AP/Mathematics. They first showed a video of 5 minutes about the functions of SRE (Space Capsule Recovery Experiment). It was followed by a short clipping of 15 minutes about the entire Space researches carried on by ISRO. Each model were explained in brief to the students by the coordinator. The part of space researches and its implementation as satellites were specified by its use in the field of Tele – education, Telemedicine, Telecommunication, etc. The vehicle configuration of each launches were explained part by part with models. An interactive session was arranged in which the doubts of the students were clarified by the industry trainers. The visit came to an end at 12.30 PM.

*Report by: Mr. N. Ganesh, AP/EEE*

**11.05.2018 to 16.05.2018 Value added course on “Sensor Technology”**

The value added course on Sensor Technology was organized by the Department of Electrical and Electronics Engineering for third year students during May 11 – 16, 2018 conducted by P.A.C. Ramasamy Raja Polytechnic College (High Skill Training & Research Centre, SPCU, DOTE, Chennai), Rajapalayam. Totally 30 students attended this course. The resource persons Dr. V. R. Velmurugan, Lecturer and Mr. G. Rajagopal, HoD/EEE-SF from P. A. C. Ramasamy Raja Polytechnic College, Rajapalayam conducted this course. During training, introduction about Sensors, different types of Sensors, identify the terminals of different types of sensors, behavior of inductive, capacitive, magnetic sensors, optical and ultrasonic sensors, switching distance and hysteresis of above sensors, response curve of sensors, reduction factor of sensors, recording filling levels using capacitive sensors. This course was very much helpful to the students.

In the feedback session, students said the training will be helpful for them to do mini projects and UG projects. Overall, the training was found to be very useful.



*Value added course on “Sensor technology”*

*Report by: Mr. S. Viignesh, AP/EEE*

**19.05.2018 to 24.05.2018 Value added course on “ARDUINO Programming”**

The value added course on ARDUINO Programming was organized by the Department of Electrical and Electronics Engineering for second year students during May 11 – 16, 2018 conducted by Mr.A.Arun Kumar, AP/EEE, Mr.N.Ganesh, AP/EEE, Mr.E.Thangam, AP/EEE, Mr.S.Meenakshi Sundaravel, AP/EEE, Mr.S.Viignesh, AP/EEE, Mrs.S.Jeyanthi, AP/EEE from RIT, Rajapalayam. Totally 27 students attended this course. During training, introduction to arduino programming, overview and features of LED, connecting switches, temperature sensor, humidity sensor, LCD interfaces, IR obstacle, ultrasonic sensor, flame detector and keypad interface with Arduino, Driver Circuit with Arduino. This course was very much helpful to the students.



*Value added course on “ARDUINO Programming”*

In the feedback session, students said the training will be helpful for them to do mini projects and UG projects. Overall, the training was found to be very useful.

*Report by: Mr. S. Viignesh, AP/EEE*



## STUDENT ACTIVITIES

### AWARDS & HONOURS RECEIVED

R.Vasumathi, K.LakshmiPriya, R.Bavatharani, C.Rama Devi, III EEE won II prize in National Level Workshop on “**ArduBotics Robotics**” an outreach workshop by Technex’18, IIT Varanasi delivered by Innovians Technologies (India) organized by Ramco Institute of Technology, Rajapalayam during July 28- 29, 2017.

The following students won the prizes in the event “**Technical Quiz**” for IE(I) Chapter conducted by RIT, Rajapalayam on July 27, 2017:

- P G.Chandru, A.Mohemed Sameer, P.Amarnath, IV EEE - I prize
- M.Jaganathan, R.A.Nijanathan Raja, N.Kishore Kumar, III EEE - II prize
- T.Ragavendra, R. RadhaKrishnan, R.Dineshkumar, IV EEE - III prize

J.Jeyalakshmi, S.Madhumathi, IV EEE won I prize in the event “**Poetry Competition**” during Puratchi Kavingar Bharathidasan Poetry Recitation Competition -2017 at Murasoli Arakattalai conducted by Sri Lakshmi Narayana Thirumana Mandapam, Srivilliputhur on August 08, 2017.

R.Ajeeth, R.Vijayakumar Raja, III EEE won I prize in the event “**Bomb Squad**” during National Level Technical Symposium Elektrakan ‘17 conducted by St.Joseph’s Institute of Technology, Chennai on September 09, 2017.

R.Ajeeth, R.Vijayakumar Raja, III EEE and won I prize in the event “**En-Lace**” during National Level Technical Symposium Elektrakan ‘17 conducted by St.Joseph’s Institute of Technology, Chennai held on September 09, 2017 and won I prize.

E.Karuna Moorthy, III EEE won III prize in the event “**Gramophone (singing)**” during Jaycee Carnival 2017 at JCI Sivakasi conducted by Sivakasi Jaycee Matric. Hr. Sec. school, Sivakasi on September 10, 2017.

R.Iswarya, III EEE won III prize in the event “**Singing Competition**” during Padum Paravaigal 2017 conducted by Rotary Club of Sivakasi Sparkler on September 23, 2017.

R.Iswarya, III EEE participated in the event “**Singing Competition**” during Padum Paravaigal 2017 conducted by Rotary Club of Sivakasi Sparkler on September 23, 2017 and won Best Female Entertainer prize.

C.Rama Devi, III EEE won III prize in the event of “**Essay Competition**” in Mahatma Gandhi Youth Festival at Gandhian Integrated Forum trust (GIFT) held on October 2, 2017. She received the award from the Governor of Tamilnadu, Mr. C. VidyasagarRao.

M. Sudalaimanikandan, P. Deivendran, E. Karunamoorthy,

J. Vairamuthu, A. Vignesh Karthik, S. PonAthiban, A. Suriya Prakash, III EEE won II prize in the event of “**Drama Competition**” in Awareness programe on National Election day conducted by Government of Tamilnadu held on January 25, 2018.

S.Angel Josepha, T. Pavethra , S.Sharmela, IV EEE presented a paper entitled, “**Intelligent Embedded Controller For Solar Power Plant**”, National Conference on “Recent Trends In VLSI, Communication And Embedded Technologies”, conducted by Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, on March 16, 2018 and Won Best Presenter Award.

J. Jeyavigneshkumar, R. Ravi Raja, M. Siva Prakash, K.Varun Kumar, IV EEE presented a paper entitled, “**Automatic Voltage Regulation in Power Transmission lines using IoT**”, National Conference on Renewable Energy Systems, Embedded Systems and Robotics (NCREER - 2018), conducted by Kamaraj College of Engineering and Technology, Virudhunagar, on April 03 & 04, 2018 and won Best Paper Award.

### CO-CURRICULAR ACTIVITIES

M.Kirubah, G.Harishkumar, G.Yashaswini, Mohamed Amjath Ibrahim, S.Krishsharan, II EEE participated in Value Added Course on “**CROS Virtual Simulation Software**” conducted by Ramco Institute of Technology, Rajapalayam during June 20 - 21, 2017.

B.Divyalaxmi, S.Indhuja, S.Mathumathi, P.Sankareswari, J.Jeyalakshmi, IV EEE participated in National Level Workshop cum competition on “**Industrial Pneumatics and Hydraulics**” conducted by Thiagarajar College of Engineering, Madurai during July 06 - 07, 2017.

24 Students (23 of II EEE and 1 of IV EEE) participated in National Level Workshop on “**ArduBotics Robotics**” an outreach workshop by Technex’18, IIT Varanasi delivered by Innovians Technologies (India), and organized by Ramco Institute of Technology, Rajapalayam during July 28- 29, 2017.

P.PremKumar, R.Iswarya, C.Nivetha, K.Muthukrishnan, M.Mariselvam, G.Ramkumar, M.Ponraj, K.BalaMurugan, R.Siddharth, IV EEE participated in “**Technical Quiz**” for IE(I) Chapter conducted by Ramco Institute of Technology, Rajapalayam on July 27, 2017.

R.Iswarya, C.Nivetha of III EEE participated in “**Technical Quiz**” for IE(I) Chapter at Ramco Institute of Technology, Rajapalayam on July 27, 2017.

P.Premkumar, IV EEE participated in International level Technical Festival **ROBOTSAVAM 2017** conducted by Amrita Vishwa Vidyapeetham, Amritapuri during July 28 - 30, 2017.



S.Madhumathi, IV EEE participated in the event “**Poetry Competition**” during Puratchi Kavingar Bharathidasan Poetry Recitation Competition-2017 at Murasoli Arakattalai at Sri Lakshmi Narayana Thirumana Mandapam, Srivilliputhur on August 08, 2017.

C.Rama Devi, E.KarunaMoorthy, III EEE participated in the event “**Poetry Competition**” during Puratchi Kavingar Bharathidasan Poetry Recitation Competition -2017 at Murasoli Arakattalai conducted by Sri Lakshmi Narayana Thirumana Mandapam, Srivilliputhur on August 08, 2017.

S.Subathra, V.Aiswarya, B.Muthu Lakshmi, M.Ramya, II EEE participated in the event “**Poetry Competition**” during Puratchi Kavingar Bharathidasan Poetry Recitation Competition -2017 at Murasoli Arakattalai conducted by Sri Lakshmi Narayana Thirumana Mandapam, Srivilliputhur on August 08, 2017.

B.Muthulakshmi, M.Ramya, A.G.Vinataa, II EEE participated in the event “**Essay Competition**” during ValarumSakthi conducted by Ramalingar pani mandram, Chennai, held on August 12, 2017.

S.R.Deve Kala, V.Roshan, IV EEE participated in the Regional Pre-finals of “**ICT Academy Youth Talk 2017**” conducted by ICT Academy on August 18, 2017.

The following students participated in the technical symposium Futura 17 conducted by Bannari Amman Institute of Technology, Sathyamangalam during September 07 - 09, 2017:

- C.Rama Devi, K.Lakshmi Priya, III EEE in **Engineers Eyes**
- S.KrishSharan, G.Harish Kumar, II EEE in **Line Follower**
- M.Sudalai Manikandan, II EEE in **Line Follower**
- M.Jaganathan, A.VigneshKarthik, III EEE in **Technovanza**
- S.N.Santhosh, J.Vairamuthu, III EEE in **Technovanza**
- M.Sudalai Manikandan, A.Vignesh Karthik, J.Vairamuthu, III EEE in **Go Over the Laser**
- S.N.Santhosh, J.Vairamuthu, III EEE in **Code Mesterio**
- M.Jaganathan, A.VigneshKarthik, III EEE in **Robo Soccer**

K.Ganesh Ram, K.Pranav Karthick, N.Kishore Kumar, A.Ananthakumar, III EEE participated in National Level Workshop on “**IoT- Internet of things an outreach workshop**” by Technex’18, IIT Varanasi delivered by Innovians Technologies (India), organized by Ramco Institute of Technology, Rajapalayam on September 08 & 09, 2017.

S.Gokulan, B.Thirunavukkarasu, II EEE participated in the two days Hands on Training on “**ARM Processor for Power Electronics Applications**” conducted by Sri Ramakrishna Engineering College, Coimbatore on September 22 -23, 2017.

A.G. Vinataa, S.Jeya Shiny Suhel, M.Ramya, P.Malarvizhi, II EEE participated in the two day workshop on **Industrial Automation Using “PLC and HMI”** conducted by Dr.Mahalingam College of Engineering and Technology, Pollachi at MCET – Bosch Rexroth and Dr.Mahalingam College of Engineering and Technology, Pollachi on September 22 -23, 2017.

S.KrishSharan, II EEE has participated in **E-Cell Leader Workshop** at PMO – IEDP conducted by Anna University Regional Campus, Tirunelveli on September 25 - 26, 2017.

K.Karthika, G.HemaDharshini, A.Gayathri, III EEE participated in the event “**Find IT**” during National Level Technical Symposium “**TRONICSWAR 2K17**” conducted by K.L.N. College of Engineering, Pottapalayam on September 26, 2017.

B.Divyalaxmi, S.Indhuja, S.Mathumathi, P.Sankareswari, J.Jeyalakshmi, IV EEE participated in workshop cum competition on “**Industrial Pneumatics and Hydraulics**” conducted by Thiagarajar College of Engineering, Madurai in association with M/s Bosch Rexroth (India) Pvt. Ltd on October 6 & 7, 2017.

P.Gayathri of IV EEE participated in the event “**Idea Presentation**” during National Level Technical Symposium “**INTECHO’18**” conducted by MIT, Anna University, Chennai on January 25 & 26, 2018.

P.Gayathri, S.Kartheeswari, K.PriyaDharsini, S.Indhuja, P.Sankareswari, M.Subashini, B.DivyaLaxmi, M.Eskki Rani, J.Jeya Lakshmi, S.Mathumathi, IV EEE participated in the event Project Expo during IEEE Student Chapter “**Emerging Trends in Engineering Applications**” conducted by Velammal College of Engineering and Technology, Madurai held on February 9, 2018.

M.Kirubah, II EEE participated in the event “**Idea Presentation**” during National Level Technical Symposium MIN- ENTHRA 2K18 conducted by MIT, Anna University, Chennai held on February 24, 2018.

26 Student of I year EEE, 36 Student of II EEE, 62 Student of III EEE participated in the event “**Mini Project**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

R.Vignesh, S.R.Devekala, IV EEE participated in the event “**Presentation**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.



R.Iswarya, III EEE participated in the event “**Presentation**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

R.Sathyapriya, M.Esakkirani, M.Subashini, J.Jeyalakshmi, IV EEE participated in the event “**Essay Writing**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

S.Sanjeetha, C.Ramadevi, R.Vishnu Prasad, V.K.Shyamalagowri, III EEE participated in the event “**Essay Writing**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

S.R.Sivanesan, I EEE participated in the event “**Essay Writing**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

M.Subashini, S.Indhuja, S.Mathimathi, IV EEE participated in the event “**Group Discussion**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

S.Amathulla Jasila, S.R.Devekala, IV EEE participated in the event “**Poster Making**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

K.Muthu priya dharshini, B.Priya Dharshini, III EEE participated in the event “**Poster Making**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

S.Amathulla Jasila, III EEE participated in the event “**Poster Making**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

R.Vishnu Prasad, C.RamaDevi, III EEE participated in the event “**Eng- Wizard**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

D.Sharoun, P.Gnana Prakash, III EEE participated in the event “**Eng- Wizard**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

R.Vishnu Prasad, I.Karthikeyan, III EEE participated in the event “**Stress Interview**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

I. Karthikeyan, III EEE participated in the event “**Turn Coat**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

I. Karthikeyan, III EEE participated in the event “**Turn Coat**” during National Science day conducted by Ramco Institute of Technology, Rajapalayam on February 28, 2018.

M.Muthu Lakshmi, K.Karthika, S.Kiruthika, R.Jananishri, A.Krithika, A.Harishmaa, V.Gowtham, K.Jagadeepkanna, III EEE participated in the Workshop “**Machine Learning**” during National Level Technical Symposium “ERSMERONZ”18” conducted by Bannari Amman Institute of Technology, Sathyamangalam on March 15 & 16, 2018.

R.Jananishri, A.Karthika, A.Harishmaa, III EEE participated in the event “**R-Programming**” during National Level Technical Symposium “ERSMERONZ”18” conducted by Bannari Amman Institute of Technology, Sathyamangalam on March 15 & 16, 2018.

V.Gowtham, III EEE participated in the event “**Mind Crushers**” during National Level Technical Symposium “ERSMERONZ”18” conducted by Bannari Amman Institute of Technology, Sathyamangalam on March 15 & 16, 2018.

V.Gowtham, K.Jagadeepkanna, III EEE participated in the event “**Tech Event Make IT Work**” during National Level Technical Symposium “ERSMERONZ”18” conducted by Bannari Amman Institute of Technology, Sathyamangalam on March 15 & 16, 2018.

B.Thirunavukarasu, P.Ramkumar, S.Mohamed Amjath Ibrahim, II EEE participated in the event “**Line Follower**” during Inter College Technical Symposium MIT Robotics Association conducted by Madras Institute of Technology, Chennai on March 15 & 16, 2018.

M.Kirubah of II EEE participated in the National Level Workshop on “**Ulleashing Potential M4 Processors in IoT Application**” conducted by Sri Krishna college of Technology, Coimbatore held on March 16 & 17, 2018.

M.Kirubah of II EEE participated in the event “**Electro Tricks**” during National Level Technical Symposium “AVANTAA”18” conducted by Sri Krishna college of Technology, Coimbatore on March 16 & 17, 2018.



M.Kirubah of II EEE participated in the event “**Wiring Competition**” during National Level Technical Symposium “AVANTAA‘18” conducted by Sri Krishna college of Technology, Coimbatore on March 16 & 17, 2018.

G.Preethi, M.Uma Maheswari, M.Ramya, P.Prathyumnann, G.Praveen, S.Jeya Shiny Suhel, II EEE participated in Two Day Workshop on “**Robotics and Machine Vision using MATLAB and Arudino**” conducted by Bannari Amman Institute of Technology, Sathyamangalam on March 23 & 24, 2018.

R.Ajithkumar, M.Yeswanth, S.Guneseakaran, B.Thirunavukarasu, S.Mahabharathi, K.Madasamy, S.Gokulan, J.H.Asalam Javid Khan, V.Aswanth Narayanan, II EEE participated in One Day National Level Workshop on “**Modern Control Techniques for hybrid Electric Vehicle Application**” conducted by KPR Institute of Engineering & Technology, Coimbatore held on March 23, 2018.

## PAPER PRESENTATION

### In Conferences

A.Mohamed Sameer, G.Chandru, S.Sudhakar, IV EEE presented a paper entitled, “**Intelligent Wheelchair Using Advanced Mechanism**”, National Conference on “Recent Trends In Electrical Science”, Tamil Nadu College of Engineering, Coimbatore, on March 14, 2018.

M. Karthik, B. Karthikeyan, M. Vignesh, IV EEE and Mr. E. Thangam, AP/EEE presented a paper entitled, “**PLC Based Automatic Vertical Rotary Car Parking System**” National Conference on Engineering Applications „18, Universal College of Engineering and Technology, Vallioor, on March 16, 2018.

The following students presented papers in National conference on “Innovations in Communication Technology for Social Development, Ramco Institute of Technology, Rajapalyam, on March 23, 2018:

- P. Moses Stephen, M. Ponraj, N. Sathesh, K.Balamurugan (16-05-97), IV EEE and Dr. K. Karthikeyan, AP(SG)/EEE presented a paper entitled, “**Modified Cascaded Multilevel Inverter for Household Appliances**”.
- A.Ajantha, T.Thaarani, K. Vijayaprabha, IV EEE presented a paper entitled, “**Automatic Solar grass Cutter Using Arduino**”.
- M. Deepadurgadevi, R. Sathya Priya, M. Seethalakshmi, S. Sivagomathi, IV EEE and Mr. A. Arun Kumar, AP/EEE presented a paper entitled, “**Environmental pollution monitoring and display system for cement industry**”

- J. Aravinth, R. Stephen Franz, S. Vinoth Kannan, P. Rajkumar, IV EEE and Mr. E. Thangam, AP/EEE presented a paper entitled, “**VAWT Based Energy Efficient Highway Lighting System**”
- S.Angel Josepha, T. Pavethra, S.Sharmela, IV EEE presented a paper entitled, “**Smart Solar Power Plant Using Embedded System**”.
- M. Hari Prasath, K. Muthukrishnan, G.Ram Kumar, M. Mariselvam, IV EEE and Mr. N. Ganesh, AP/EEE presented a paper entitled, “**Integration of Renewable Energy Resources in Micro Grid**”

Mohamed Sameer, G. Chandru, S. Sudhakar, IV EEE presented a paper entitled, “**Gesture Controlled Wheel Chair For Specially Abled Persons**”, National Conference on “Renewable Energy Systems, Embedded Systems And Robotics” (NCREER - 2018)”, Kamaraj College of Engineering and Technology, Virudhunagar, on April 03 & 04, 2018.

R.Radha Krishnan, P.Manikandaprabhu, T.Ragavendra, R.K.Ravivenkatesh, IV EEE presented a paper entitled, “**Embedded based solid state HVDC breaker in ESP**” National Conference on “Embedded Based on SFCL for Industrial Grid”, Kamaraj College of Engineering & Technology, Virudhunagar on April 03 & 04, 2018.

P. Amarnath, V. Roshan, M.Thangavelpandi, IV EEE and Dr. K. Karthikeyan, AP(SG)/EEE presented a paper entitled, “**Investment Grade Energy Auditing in Cement Industry**” 5th International Conference on Trends in Technology and Engineering, ICTTE'18, Arjun College of Technology, Coimbatore on April 07, 2018.

The following students presented papers in International Conference on “Trends in Technology and Engineering”, Arjun College of Technology, Coimbatore on April 07, 2018:

- G. Hari Vignesh, S. Marieswaran, B. Sankaralingam, IV EEE presented a paper entitled, “**Detection, Locating and monitoring of fault in a distribution line using LabVIEW**”
- P. Gayathri, S. Kartheeswari, K. Priyadharsini, IV EEE and Mr. E. Thangam, AP/EEE presented a paper entitled, “**Water Mist Fire Extinguisher in Cracker Industry using PLC**”

C.PandiyaRajan, R. Siddharth, Vigneshwaran, IV EEE and Mr. S. Meenakshi Sundaravel, AP/EEE presented a paper entitled, “**Leakage Detection Monitoring and Control using IoT**” National Conference on Emerging Trends in Electrical, Electronics and Computer Engineering (NCEEECE ‘18), JCT College of Engineering and Technology, Coimbatore on April 04, 2018.



A.Ajantha, T.Thaarani, K. Vijayaprabha, IV EEE and Mr. S. Viignesh, AP/EEE presented a paper entitled, “**Smart Solar grass Cutter Using Arduino**” National Conference on “Recent Trends in VLSI, Communication and Embedded Technologies”, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, on March 16, 2018.

Divyalaxmi, S. Indhuja, P. Sankareswari, M. Subashini, IV EEE and Mr. S. Viignesh, AP/EEE presented a paper entitled, “**Arduino based protective relay application for the protection of over voltage, under voltage**” National Conference on “Innovations and Advancements in Electrical Sciences – NCIAES‘18”, KPR Institute of Engineering and Technology, Coimbatore, on March 23, 2018.

V. Karthikeyan, M. Madhan Kumar, S. Mohamed Asfar, K. Balamurugan (19-06-97), IV EEE and Mrs. S. Jeyanthi, AP/EEE presented a paper entitled, “**Grid based automatic load shedding through wireless using microcontroller**” National Conference on “ VLSI, Optical communication, Image Processing, Communication and Embedded Systems – VOICE‘18”, Kalasalingam University, Krishnankoil on March 12 & 13, 2018.

### In Symposium

The following students presented papers in National Level Technical Symposium on “Techyuga 17”, at Ramco Institute of Technology, Rajapalayam during August 12 - 13, 2017:

- G.Yashaswini, M.Kirubah, II EEE presented a paper titled “**Improving Reliability and Decreasing Losses of Electrical System with Infrared Thermography**”.
- A.Deepika, G.Muthulakshmi, II EEE presented a paper titled “**Magnetic Levitation**”.
- A.Krithika, R.Mahalakshmi, III EEE presented a paper titled “**Smart Grid Technology**”.
- R. Vasumathi, C. Ramadevi, III EEE presented a paper titled “**Bloom Energy**”.
- M. Gayathiri, M. Kamatchipriya, II EEE presented a paper titled “**3-D Inegrated Circuits**”.
- S.K.Jaisree of II EEE presented a paper titled “**Bio Battery**”.
- K. Karthika, C. Nivetha, III EEE presented a paper titled “**Inter-vehicle Communication**”.
- S.Kiruthika, III EEE presented a paper titled “**Application of Fontus for Supplying Water in Areas facing Water Shortage**”.
- M.Jaganathan, A.VigneshKarthik, III EEE presented a paper titled “**Improving the efficiency of Thermal based Power Plant using TEG**”.

- M. Muthu Lakshmi, M.Nirmala, III EEE presented a paper titled “**Gyro Bus**”.
- V.Dharani, A.Harishmaa, III EEE presented a paper titled “**Witricity**”.
- Suriya Prakash, J. Vairamuthu, III EEE presented a paper titled “**Auto Dimming of Vehicle Head Lights**”.

• J.Rajakumari, S.Sanjeetha, III EEE presented a paper titled “**Prepaid Energy Meter Using Smart Cards**”  
The following students presented papers in National Level Technical Symposium on “Futura 17”, at Bannari Amman Institute of Technology, Sathyamangalam during September, 07 - 09, 2017:

- G.Yashaswini, M.Kirubah, II EEE presented a paper titled “**Improving Reliability and Decreasing Losses of Electrical System with Infrared Thermography**”.
- C.Rama Devi, K.Lakshmi Priya, III EEE presented a paper titled “**Hybrid Cars**”.
- A.Vignesh Karthik, M.Jaganathan, III EEE presented a paper titled “**Energy efficient power generation using TEG**”.
- G.Yashaswini, M.Kirubah, II EEE presented a paper titled “**Bloom Energy**”.

The following students presented papers in National Level Technical Symposium “TRONICSWAR 2K17” at K.L.N. College of Engineering, Pottapalayam on September 26, 2017:

- M.Muthulakshmi, A.Gayathri, III EEE presented a paper titled “**Smart Solar Power Plant**”.
- G.Hema Dharshini, III EEE presented a paper titled “**Boost hybrid Converter**”.
- C.Nivetha, III EEE presented a paper titled “**Wireless Sensor network**”.
- S.Ishwarya, R.Jananishri, III EEE presented a paper titled “**Black box Technology**”.
- A.Deepika, G.Muthulakshmi, III EEE presented a paper titled “**Mobile Computing**”.

The following students presented papers in National Level Technical Symposium “ERSMERONZ‘18” at K.L.N. College of Engineering, Pottapalayam during March 15 - 16, 2018:

- M.Muthu Lakshmi, K.Karthika, III EEE presented a paper titled “**Doubly fed Induction Generator**”
- S.Kiruthuka, III EEE presented a paper titled “**Microgrid**”

### PROJECT EXPO

P.Premkumar, W.Deotus, S.Kathir, T.Prasad, IV EEE presented a project, “**Autonomous water tank cleaning robot for Indian household**”, National level Project Expo - “TECHNOVISION 2018” at PSNA College of Engineering and Technology, Dindigul on March 21, 2018.



P.Premkumar, W.Deotus, S.Kathir, T.Prasad, IV EEE presented a project, “**Autonomous water tank cleaning robot for Indian household**”, National level Mini Project “m/c2K18”, at Velammal College of Engineering and Technology, Madurai on March 23, 2018 and **won I prize**.

G. Hari Vignesh, S. Marieswaran, B. Sankaralingam, IV EEE presented a project, “**Detection, Locating and monitoring of fault in a distribution line using LabVIEW**”, “ORACLE 2k18”, at Government College of Technology, Coimbatore on April 06, 2018.

M. Deepadurgadevi, R. Sathya Priya, M. Seethalakshmi, S. Sivagomathi, IV EEE participated in a Project Expo, “**Environmental pollution monitoring and display system for cement industry**”, National level Project Expo - “TECHNOVISION 2018”, at PSNA College of Engineering and Technology, Dindigul on March 21, 2018.

M. Esakkirani, J. Jeyalakshmi, A. Mahalakshmi, S. Mathumathi, IV EEE participated in a project contest “**Voice Controlled Wheel Chair with Step Climbing Capability and Health Monitoring System**”, IEEE project contest “Emerging Trends in Engineering Applications” at Velammal College of Engineering and Technology, Madurai on February 09, 2018.

P. Gayathri, S. Kartheeswari, K. Priyadharsini, IV EEE participated in a Project, “**Water Mist Fire Extinguisher in Cracker Industry using PLC**”, ORACLE 2k18, at Government College of Technology, Coimbatore, on April 05 & 06, 2018.

P. Gayathri, S. Kartheeswari, K. Priyadharsini, IV EEE participated in a Project Contest, “**Water Mist Fire Extinguisher in Cracker Industry using PLC**”, IEEE project contest “Emerging Trends in Engineering Applications” at Velammal College of Engineering and Technology, Madurai on February 09, 2018.

B. Divyalaxmi, S. Indhuja, P. Sankareswari, M. Subashini, IV EEE participated in a Project Contest, “**Arduino based protective relay application for the protection of over voltage, under voltage**”, IEEE project contest “Emerging Trends in Engineering Applications” at Velammal College of Engineering and Technology, Madurai on February 09, 2018.

V. Karthikeyan, M. Madhan Kumar, S. Mohamed Asfar, K. Balamurugan (19-06-97), IV EEE participated in a Project Contest, “**Grid based automatic load shedding through wireless using microcontroller**”, National level Project Contest- “TEKMAZE 2018”, at SRM-TRP Engineering College, Trichy on March 23, 2018.

## JOURNAL

P.Premkumar, W.Deotus, S.Kathir, T.Prasad, IV EEE and Dr. K. Karthikeyan, AP(SG)/EEE published a paper entitled “**Autonomous water tank cleaning robot for Indian household**”, International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering on Volume 7 issue 3 March 2018.

P. Moses Stephen, M. Ponraj, N. Sathesh, K. Balamurugan (16-05-97), IV EEE and Dr. K. Karthikeyan, AP(SG)/EEE published a paper entitled “**Modified Cascaded Multilevel Inverter for Household Appliances**”, International Research Journal of Engineering and Technology (IRJET), on Volume 5 issue 3 March 2018.

S. Amathulla Jasila, S. Anupriya, S.R. Deve Kala, T. Priyanga Gandhi, IV EEE and Mr. A. Arun Kumar, AP/EEE published a paper entitled “**PV Grid interconnected Renewable Energy System**”, SSRG International Journal of Electrical and Electronics Engineering (SSRG - IJEEE), Special Issue ICRTECITA April 2018.

M. Esakkirani, J. Jeyalakshmi, A. Mahalakshmi, S. Mathumathi, IV EEE and Mr. N. Ganesh, AP/EEE published a paper entitled “**Voice Controlled Wheel Chair with Step Climbing Capability and Health Monitoring System**”, SSRG International Journal of Electrical and Electronics Engineering (SSRG - IJEEE), Special Issue ICRTECITA April 2018.

R. Dinesh Kumar, R. Vignesh, K. Ashok Kumar, IV EEE and Mrs. S. Jeyanthi, AP/EEE published a paper entitled “**Performance Analysis of a Reduced Switch Z Source Inverter**”, SSRG International Journal of Electrical and Electronics Engineering (SSRG - IJEEE), Special Issue ICRTECITA April 2018.

P.Premkumar, W.Deotus, S.Kathir, T.Prasad, S.Kannan, IV EEE, Dr. S. Kannan, Prof&Head/EEE, Mr.S.Vignesh, AP/EEE published a paper entitled “**Autonomous operated Robot for Water Tank Cleaning**”, International Research Journal of Engineering and Technology on Volume 5 issue 4 April 2018.

## INDUSTRIAL VISIT

51 Students of I EEE were taken to half a day “**Industrial Visit**” to Rajapalayam Mills Limited, Rajapalayam on May 30, 2018.

38 Students of IV EEE were taken to one day “**Industrial Visit**” to Vikram Sarabhai Space Centre-Space Museum, Thiruvananthapuram on April 4, 2018.



71 Students of IV EEE were taken to one day “**Industrial Visit**” to Traco Cable Company, Kerala on August 07, 2017.

62 Students of III EEE were taken to one day “**Industrial Visit**” to GD Electrical Equipment, Coimbatore on August 08, 2017.

### **SPORTS ACTIVITIES**

#### **Awards & Achievements**

The following students Participated and Won Prizes in the 5th Sports Day Celebration at RIT, Rajapalayam on March 26, 2018:

- R.Gajendra, I year EEE - won II prize in Ball Badminton, won II prize in Cricket & won II prize in Table Tennis
- D.Aswin Ramanan, II year EEE - won II prize in Ball Badminton
- S.Mahabharathi, II year EEE - won I prize in Cricket
- P.Vignesh & P.Ram Kumar, II year EEE - won I prize in Football
- K.Sivapriya, II year EEE - won II prize in Table Tennis, won II prize in Tennikoit & won I prize in Throw ball
- A.G.Vinataa & S.Sri Sandhya, II year EEE - won II prize in Throw ball
- A.Vignesh karthik, III year EEE - won II prize in Chess
- C.Rama Devi, III year EEE - won II prize in Carrom
- K.Jagadheep Kanna, III year EEE - won II prize in Cricket & won II prize in Table Tennis

#### **Participation**

The following students Participated in the 5th Sports Day Celebration at RIT, Rajapalayam on March 26, 2018:

- T.Babisha, II year EEE - participated in Long Jump & High Jump
- K.Sivapriya, II year EEE - participated in Javelin Throw
- S.Ramanan, III year EEE - participated in 1500 Mts & 5000 Mts

### **RESEARCH**

#### **Research Scholar (Pursuing)**

**Mr.D.KarthikPrabhu, AP(SG)/EEE**, Part-time, “Partial Discharge Signal pattern Recognition and de-noising using expert system”, Faculty of EEE/RIT

**Mr.A.Arun Kumar, AP/EEE**, Part-time, “Optimal Allocation of Energy storage system in distributed generation for Generation Expansion Planning”, Faculty of EEE/RIT

**Mr.N.Ganesh, AP/EEE**, Part-time, “Power Quality and Efficiency improvement in LED Driver Circuits”, Faculty of EEE/RIT

**Mr.E.Thangam, AP/EEE**, Part-time, “Evaluation of Flexibility in Generation Expansion Planning”, Faculty of EEE/RIT

**Mr.S.Viignesh, AP/EEE**, Part-time, “Smart grid based renewable energy monitoring system”, Faculty of EEE/RIT

### **FACULTY PARTICIPATIONS/ ACHIEVEMENTS/ GUEST LECTURE DELIVERED/ FDP'S ATTENDED**

Mr. S. MeenakshiSundaravel, AP/EEE participated in a FDP on “**EC 6202 – Electronic Devices and Circuits**” organized by K. L. N. College of Engineering, Pottapalayam during June 19 - 25, 2017.

Mr.D.KarthikPrabhu, AP(SG)/EEE, Mr.A.Arun Kumar, AP/EEE, Mr.S.Viignesh, AP/EEE, Mr. S. MeenakshiSundaravel, AP/EEE participated in a two week FDP on “**Human Values and Professional Ethics**” organized by EEE department, held at Ramco Institute of Technology, Rajapalayam, during October 30 – November 12, 2017.

Mrs. S. Jeyanthi, AP/EEE participated in a two week FDP on “**Recent Developments in Modelling, Design and Control of Power Converters and Drives**” organized by MepcoSchlenk Engineering College, Sivakasi during November 13 - 25, 2017.

Dr.K.Karthikeyan, AP(SG)/EEE participated in a Industrial training on “**Train the Trainer**” organized by Tessolve Semiconductor Pvt. Ltd, Bngalore during November 20 - 24, 2017.

Mr.A.Arun Kumar, AP/EEE, Mr. E. Thangam, AP/EEE participated in a GIAN on “**Intelligent Electrical Power Grids (IEPG)**” organized by National Institute of Technology, Tiruchirapalli during November 27 – December 01, 2017.

Mr. E. Thangam, AP/EEE participated in a workshop on “**Modelling and Closed Loop Control of Permanent magnet Machines using MATLAB**” organized by Mepco Schlenk Engineering College, Sivakasi during April 16 & 17, 2018.

Dr.K.Karthikeyan, AP(SG)/EEE, Mr.S.Viignesh AP/EEE participated in a workshop on “**Smart Grid and Micro Grid Systems – Research issues**” organized by MepcoSchlenk Engineering College, Sivakasi during May 04 & 05, 2018.



Dr.S.Kannan, Prof. & HoD/EEE presented a topic **“Engineers Responsibility for Safety” and “Lifelong and Continuous Learning; Being inspired, Inspiring others, motivation, counselling and mentoring”** in a two week FDP on “Human Values and Professional Ethics” organized by EEE department, held at Ramco Institute of Technology, Rajapalayam, during October 30 – November 12, 2017.

Dr.K.Karthikeyan, AP(SG)/EEE presented a topic **“Art of teaching, ethical teaching and enjoyable teaching” and “Laws of good teaching, creative teaching – learning and ethical learning”** in a two week FDP on “Human Values and Professional Ethics” organized by EEE department, held at Ramco Institute of Technology, Rajapalayam, during October 30 – November 12, 2017.

Mr.N.Ganesh, AP/EEE presented a topic **“Valuing time, decision making, effective communication for success”** in a two week FDP on “Human Values and Professional Ethics” organized by EEE department, held at Ramco Institute of Technology, Rajapalayam, during October 30 – November 12, 2017.

Dr.K.Karthikeyan, AP(SG)/EEE presented a topic **“Resonance and coupled circuits”** in a Anna University Approved FTDP on “EE8251 Circuit Theory, organized by Kamaraj Engineering College, Virudhunagar, during November 29, 2017.

Mrs. S. Jeyanthi, AP/EEE participated in a One day workshop on **“Internet of Things with Arduino”** by EEE department, held at Ramco Institute of Technology, Rajapalayam, during August 13, 2018.

Mr.A.Arunkumar, AP/EEE produced 100% result in the subject **EE6004 Flexible AC Transmission Systems** in Anna University Examinations held during Nov/Dec 2017.

Mr.D.KarthikPrabhu, AP/EEE produced 100% result in the subject **EE6602 Power System Transients** in Anna University Examinations held during May/June 2017.

S. MeenakshiSundaravel, AP/EEE produced 100% result in the subject **GE6252 Basic Electrical and Electronics Engineering** in Anna University Examinations held during May/June 2017.

**FACULTY CONTRIBUTIONS (RESEARCH PAPERS PUBLISHED / BOOKS, MONOGRAPHS, LAB MANUALS AUTHORED, ETC.)**

D.Danalakshmi, S.Kannan, V.Thirupathy Kesavan, **“Reactive Power Pricing Using Cloud Service Considering Wind Energy”**, Cluster computing, Springer,

pp.1-11, 18 May 2017, DOI: 10.1007/s10586-017-0896-2 (Impact factor: 1.514)

K. Karunanithi, S. Saravanan, B.R. Prabakar, S. Kannan, C. Thangaraj, **“Integration of Demand and Supply Side Management strategies in Generation Expansion Planning”**, Renewable and Sustainable Energy Reviews (Elsevier), vol. 73, June 2017, pp.966-982, DOI: 10.1016/j.rser.2017.01.017

J. Booma, K.Mahadevan, K. Karunanithi, and S. Kannan, **“Renewable Energy Penetration and Its Impact on Reliability - A Case Study of Tamil Nadu”**, Journal of Computational and Theoretical Nanoscience, Volume 14, Number 8, August 2017, pp. 4036-4044, DOI: <https://doi.org/10.1166/jctn.2017.6752>.

D. Danalakshmi, S. Kannan and R. Gnanass, **“Generator reactive power pricing for practical utility system using power flow tracing method”**, International Journal of Renewable Energy Research, vol.7, no. 1.8, Feb. 2018 pp. 20-25

A.Bhuvanesh, S.T.Jaya Christa, S.Kannan, **“Energy Conservation Along With Generation Expansion Planning – A Solution for Tamil Nadu Electrical Power Shortage”**, Ecology, Environment and Conservation, Accepted for publication.

A.Bhuvanesh, S.T.Jaya Christa, S.Kannan, M.Karuppasamypanthyan, **“Application of optimization algorithms to generation expansion planning problem”**, Journal of Intelligent & Fuzzy Systems, Accepted for publication. Impact Factor: 1.261.

A.Bhuvanesh, S.T.Jaya Christa and S.Kannan, **“Least Cost Electricity Generation Planning for China with Low GHG Emission Using LEAP and Energy PLAN”**, In: IEEE International Conference on Computational Intelligence and Computing Research (ICIC), Coimbatore, pp. 199-203, December, 2017.

D. Karthik Prabhu presented a paper entitled, **“Recognition of Partial Discharge Patterns using Pearson’s Correlation Features based Back Propagation Neural Network”** International Conference on Science, Technology, Engineering and Management 2018 (ICSTEM 2018), organised by Kalaignar Karunanidhi Institute of Technology, Coimbatore on March 23 & 24, 2018.



**IPT**

**BATCH 2014-2018**

Sl.No.	Name of the Student	Name of the Company	Duration
1.	AJANTHA A	TUTICORIN THERMAL POWER STATION, TUTICORIN	02.05. 2017 to 05.05. 2017
2.	AMATHULLA JASILA S		
3.	ANU PRIYA S		
4.	DEVE KALA S R		
5.	GAYATHRI P		
6.	KARTHEESWARI S		
7.	PRIYANGA GANDHI T		
8.	SATHYA PRIYA R		
9.	SEETHALAKSHMI M		
10.	SIVAGOMATHI S		
11.	DIVYALAXMI B	TUTICORIN THERMAL POWER STATION, TUTICORIN	05.06. 2017 to 09.06. 2017
12.	ESAKKIRANI M		
13.	INDHUJA S		
14.	JEYALAKSHMI J		
15.	MAHALAKSHMI A		
16.	MATHUMATHI S		
17.	PRIYADHARSINI K		
18.	SANKARESWARI P		
19.	SUBASHINI M		
20.	HARI PRASATH M	TUTICORIN THERMAL POWER STATION, TUTICORIN	05.06. 2017 to 09.06. 2017
21.	MUTHUKRISHNAN K		
22.	PANDIYA RAJAN C		
23.	RAM KUMAR G		
24.	MARISELVAM M		
25.	SIDDHARTH R		
26.	A.MOHAMED SAMEER A	BHEL, HYDERABAD	05.06. 2017 to 09.06. 2017
27.	CHANDRU G	ADANI GREEN ENERGY (TN) LTD., RAMNAD	24.05. 2017 to 27.05. 2017
28.	ANGEL JOSEPHA S		
29.	DEEPADURGADEVI M		
30.	PAVETHRA T		
31.	SHARMELA S		
32.	THAARANI T		
33.	VIJAYA PRABHA K	TUTICORIN THERMAL POWER STATION, TUTICORIN	05.06. 2017 to 09.06. 2017
34.	BALAMURUGAN K		

**BATCH 2015-2019**

Sl.No.	Name of the Student	Name of the Company	Duration
1.	ANANTHAKUMAR A	THE RAMCO CEMENTS LIMITED, RR NAGAR.	29.05. 2017 To 02.06. 2017
2.	JAGANATHAN M	RAMCO CEMENTS	29.05. 2017



Sl.No.	Name of the Student	Name of the Company	Duration		
3.	KARUNAMOORTHY E	LIMITED, RR NAGAR	to 02.06. 2017		
4.	KISHORE KUMAR N				
5.	NARESH KUMAR N M				
6.	PONATHIBAN S				
7.	SACHIN A				
8.	VISHNU PRASAD R				
9.	DEEPIKA A				
10.	DHARANI V			KUDANKULAM NUCLEAR POWER PROJECT, KUDANKULAM	12.06. 2017 to 18.06. 2017
11.	HARISHMAA A				
12.	MAHALAKSHMI R				
13.	RAMA DEVI C				
14.	SANJEETHA S				
15.	SUDHARSANAN A	LARSEN & TOUBRO LTD, PONDICHERRY	12.06. 2017 to 18.06. 2017		
16.	GANESH RAM K	PALVAI GREEN POWER PVT LTD, ARUPPUKOTTAI	15.06. 2017 to 17.06. 2017		
17.	GOWTHAM V				
18.	JAGADHEEP KANNA K				
19.	SANTHOSH SN				
20.	SURIYA PRAKASH A				
21.	VAIRAMUTHU J				
22.	VIGNESHKARTHIK A				
23.	DHAMODARAN P	PENTAGON SWITCHGEAR PRIVATE LIMITED, COIMBATORE	12.06. 2017 to 15.06. 2017		
24.	NIJANTHAN RAJA R A				
25.	PON ATHIBAN S				
26.	RAMESH BABU B				
27.	SACHIN A				
28.	GAAYATRI	UNIQ TECHNOLOGIES, CHENNAI	02.06. 2017 to 03.06. 2017		
29.	HEMA DHARSHINI G				
30.	MUTHULAKSHMI M				
31.	NIVETHA C		08.06. 2017 to 14.06. 2017		
32.	AJITHA B				
33.	BAVATHARANI R				
34.	GOKILA K				
35.	KRITHIKA A				
36.	MUTHULAKSHMI G				
37.	ISHWARYA R		11.06. 2017 to 15.06. 2017		
38.	JANANISHRI R				
39.	SHANMUGA PRIYA S				
40.	VASUMATHI R	12.06. 2017 to 16.06. 2017			
41.	LAKSHMIPRIYA A				
42.	PRABHAVATHI T	CODEBIND TECHNOLOGIES, CHENNAI	09.06. 2017 to 13.06. 2017		
43.	RAJAKUMARI J				
44.	SANKARESWARI S				



Sl.No.	Name of the Student	Name of the Company	Duration
45.	SELVARANI S		
46.	MUTHU PRIYADHARSHINI K	BSNL, VIRUDHUNAGAR	12.06. 2017 to 16.06. 2017
47.	PRIYADHARSHINI B		
48.	PRANAV KAARTHICK R	S S SYSTEMS, COIMBATORE	09.06. 2017 to 12.06. 2017
49.	GOWTHAM V	TNEB - VIRUDHUNAGAR	11.12.2017 to 15.12.2017
50.	JAGANATHAN M		
51.	KARUNAMOORTHY E		
52.	NARESH KUMAR M M		
53.	SURIYA PRAKASH A		
54.	VAIRAMUTHU J		
55.	KISHORE KUMAR N	TNEB -VIRUDHUNAGAR	11.12.2017 to 15.12.2017
56.	GANESH RAM K	TNEB -VIRUDHUNAGAR	04.12.2017 to 08.12.2017
57.	MUTHU PRIYA DHARSHINI K	RAMCO MILLS LIMITED, RAJAPALAYAM	11.12.2017 to 15.12.2017
58.	PRABHAVATHI T		
59.	PRIYADHARSHINI B		
60.	SANJEETHA S		
61.	DHAMODARAN P	RAILNET SOFTWARE SOLUTION, MADURAI.	04.12.2017 to 10.12.2017
62.	RAMESH BABU B		
63.	SACHIN A		
64.	SANTHOSH S N		
65.	SURIYA PRAKASH A		
66.	VAIRAMUTHU J		

**BATCH 2016-2020**

Sl.No.	Name of the Student	Name of the Company	Duration
1.	AISWARYA V	SOUTH RAILWAY, MADURAI	12.06.2017 to 17.06.2017
2.	JEYA SHINY SUHEL S		
3.	MANISHA R		
4.	NIVETHA RAJAM M		
5.	SRI SANTHIYA S		
6.	SUBATHRA S		
7.	SWATHI K		
8.	MALARVIZHI P	TNEB, TIRUNELVELI	12.06.2017 to 16.06.2017
9.	MUTHULAKSHMI B		
10.	YASHASWINI G		
11.	BABISHA T	BHUVANESWARI ELECTRICALS, MADURAI	07.06.2017 to 09.06.2017
12.	KAVITHA RANI N		
13.	POOJA C U		
14.	PRITHIBA K		
15.	JAISREE S K	LOYAL MILLS AND LIMITED	19.06.2017 to 23.06.2017
16.	ARUNACHALAM M V	ANNA CO-OPERATIVE SPINNING MILL, AANDIPATTI	15.06.2017 to
17.	ARUN FRANCIS A		



Sl.No.	Name of the Student	Name of the Company	Duration
18.	ASLAMJAVID KHAN J H		17.06.2017
19.	ASWATH NARAYANAN V		
20.	GOKULAN S		
21.	GUNASEKARAN S		
22.	KISHORE KUMAR T		
23.	SUBASATHYA M		
24.	VELMURUGAN M		
25.	KEERTHANA A		20.06.2017 to 24.06.2017
26.	SIVA PRIYA K	ADANI GREEN ENERGY TAMILNADU LTD., RAMNAD	
27.	ASWIN RAMANAN D		12.06.2017 to 16.06.2017
28.	MADASAMY K		
29.	MAHABHARATHI S		
30.	MOHAMED AMJATH IBRAHIM S	K.P.L. STEEL PRIVATE LIMITED FACTORY, DINDUGUL	
31.	RAM KUMAR P		
32.	THIRUNAVUKKARASU B		
33.	YESWANTH M		
34.	PREETHI G		12.06.2017 to 17.06.2017
35.	UMA MAHESWARI M	SOUTHERN RAILWAY, MADURAI	
36.	ABIRAMI P		05.06.2017 to 09.06.2017
37.	KIRUBAH M		
38.	RAMYA M	BHARAT SANCHAR NIGAM LIMITED, TIRUNELVELI	
39.	VINATAA A G		
40.	LAKSHMANSAGAR D	JAI VALVES CENTER	05.06.2017 to 09.06.2017
41.	GAYATHIRI M		12.06.2017 to 17.06.2017
42.	KAMATCHIPRIYA M		
43.	NIRMALA DEVI A	SOUTHERN RAILWAY, MADURAI	
44.	SUJITHA S		
45.	HARISH KUMAR G	TVS TRAINING & SERVICES, CHENNAI	12.06.2017 to 16.06.2017
46.	MADHANKUMAR J		04.12.2017 to 08.12.2017
47.	MUNIRAJA M		
48.	SANKAR KUMAR D	RAJAPALAYAM MILLS LIMITED, RAJAPALAYAM.	
49.	THENDRAL M		
50.	AISWARYA V		04.12.2017 to 08.12.2017
51.	BABISHA T		
52.	KAVITHA RANI N		
53.	KEERTHANA A		
54.	MANISHA R		
55.	NIVETHA RAJAM M	UNIQ TECHNOLOGIES, CHENNAI.	
56.	POOJA C U		
57.	PRITHIBA K		
58.	SRI SANTHIYA S		
59.	SUBATHRA S		
60.	SWATHI K		
61.	ABIRAMI P		05.12.2017 to 09.12.2017
62.	GAYATHIRI M	UNIQ TECHNOLOGIES, CHENNAI.	
63.	KAMATCHIPRIYA M		



Sl.No.	Name of the Student	Name of the Company	Duration
64.	MUTHULAKSHMI B	BHARATHI COOPERATIVE SPINNING MILLS LTD, ETTAYAPURAM.	04.12.2017 to 08.12.2017
65.	NIRMALA DEVI A		
66.	SUJITHA S		
67.	ARUNACHALAM M V		
68.	ARUN FRANCIS A		
69.	ASLAM JAVID KHAN J H		
70.	ASWATH NARAYANAN V		
71.	GUNA SEKARAN S		
72.	KISHORE KUMAR T		
73.	SUBA SATHYA M		
74.	VELMURUGAN M	BSNL, TIRUNELVELI	04.12.2017 to 08.12.2017
75.	JAISREE S K		
76.	LAKSHMAN SAGAR D	CODEBIND TECHNOLOGIES, CHENNAI	08.12.2017 to 02.12.2017
77.	PRATHYUMNAN P		
78.	PRAVEEN KUMAR R		
79.	YASHASWINI G		
80.	SIVASURYA N	PERFECT ELECTRICAL ENGINEERING, RAJAPALAYAM	09.12.2017 to 12.12.2017
81.	AJITHKUMAR R		

### INTERNSHIP DETAILS

Sl.No	Name of the Student	Batch	Name of the Company	Date
1.	AJITHA B	2015 - 2019	NEYVELI LIGNITE CORPORATION INDIA LIMITED, NEYVELI.	30.05.2018 to 12.06.2018
2.	BAVA THAARINI R			
3.	DEEPIKA A			
4.	DHARANI V			
5.	ESWARI K			
6.	GOKILA K			
7.	GOWTHAM V			
8.	HARISHMAA A			
9.	MAHALAKSHMI R			
10.	VAIRAMUTHU J			
11.	AJEETH R		CREATIVE SOLUTIONS (SOLAR & LED LIGHTING), CHENNAI	20.05.2018 to 02.06.2018
12.	VIJAYAKUMARRAJA K		SALZER ELECTRONICS, COIMBATORE.	20.05.2018 to 02.06.2018
13.	MUTHU PRIYA DHARSHINI K			
14.	PRABHAVATHI T			
15.	PRIYADHARSHINI B			
16.	RAJAKUMARI J			
17.	SANJEETHA S			
18.	SANKARESWARI S			



### PLACEMENT DETAILS

#### LIST OF STUDENTS PLACED IN RAMCO CEMENTS



**AMARNATH P**  
(953614105002)



**ROSHAN V**  
(953614105041)



**THANGAVELPANDI  
M(9536141050315)**

#### LIST OF STUDENTS PLACED IN MOBIUS



**DINESH KUMAR R**  
(953614105011)



**PRIYANGA GANDHI T**  
(953614105037)



**RAM KUMAR G**  
(953614105038)

#### LIST OF STUDENTS PLACED IN DATA PATTERNS



**PREMKUMAR P**  
(953614105035)



**PONRAJ M**  
(953614105033)



**LIST OF STUDENTS PLACED IN RANE ENGINE VALVES LIMITED**



**MOHAMMED  
SAMEER A  
(953614105028)**

**LIST OF STUDENTS PLACED IN RAMCO SYSTEMS**



**AMATHULLA JASILA S  
(953614105003)**



**ANUPRIYA S  
(953614105006)**



**DEVEKALA S.R  
(953614105010)**



**JEYALAKSHMI J  
(953614105018)**



**HARI VIGNESH G  
(953614105016)**



**PRASAD T  
(953614105034)**



**PRIYANGA GANDHI T  
(953614105037)**



**SATHESH N  
(953614105043)**



**LIST OF STUDENTS PLACED IN SAVVY SOFT TECHNOLOGIES PVT LTD**



**DEOTUS W**  
(953614105009)



**MATHUMATHI S**  
(953614105026)



**PRIYADHARSHINI K**  
(953614105036)

**LIST OF STUDENTS PLACED IN APPTIVO SOFTWARE PVT LTD**



**DINESH KUMAR R**  
(953614105011)



**GAYATHRI P**  
(953614105014)



**KARTHEESWARI S**  
(953614105020)

**LIST OF STUDENTS PLACED IN HINDHUJA GLOBAL SOLUTIONS PVT LTD**



**ARAVINTH J**  
(953614105007)



**INDHUJA S**  
(953614105017)



**JEYA VIGNESH KUMAR J**  
(953614105019)



**MATHUMATHI S**  
(953614105026)



**PRIYA DHARSHINI K**  
(953614105036)



**MOHAMED ASFAR S**  
(953614105027)



**SEETHALAKSHMI M**  
(953614105045)



**SIVA GOMATHI S**  
(953614105047)



**SUBASHINI M**  
(953614105026)



**RAJ KUMAR P**  
(953614105311)



**SANKARALINGAM B**  
(953614105312)



**STEPHEN FRANZ R**  
(953614105049)

### LIST OF STUDENTS PLACED IN FACE



**JEYA VIGNESH KUMAR J**  
(953614105019)



**STEPHEN FRANZ R**  
(953614105049)



**LIST OF STUDENTS PLACED IN AXIS GLOBAL AUTOMATION**



**ANGEL JOSEPHA S**  
(953614105005)



**ESAKKI RANI M**  
(953614105013)



**MADHAN KUMAR M**  
(953614105023)



**MOHEMAD ASFAR S**  
(953614105027)



**MUTHU KRISHNAN**  
(953614105030)



**PAVETHRA T**  
(953614105032)



**BALAMURUGAN K**  
(953614105303)



**G.CHANDRU**  
(953614105304)

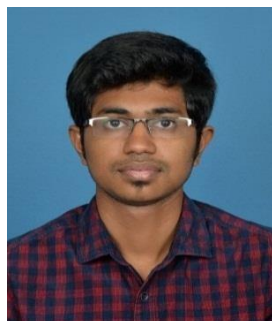


**MARISELVAM**  
(953614105308)

**LIST OF STUDENTS PLACED IN WIND CARE INDIA PVT LTD.**



**V KARTHIKEYAN**  
(953614105021)



**K VARUN KUMAR**  
(953614105052)



**K BALAMURUGAN**  
(953614105302)



**M.KARTHIK**  
(953614105305)



**P MANIKANDA  
PRABHU**  
(953614105307)



**M MARISELVAM**  
(953614105308)



**R RADHA  
KRISHNAN**  
(953614105309)



**P RAJ KUMAR**  
(953614105311)



**SANKARALINGAM  
B(953614105312)**



**SIDDHARTH R**  
(953614105313)

**LIST OF STUDENTS PLACED IN SPEED TEAM WIND TECH PVT.LTD.**



**HARI PRASATH M**  
(953614105015)



**RAM KUMAR G**  
(953614105038)



**SIVA PRAKASH M**  
(953614105048)



**VIGNESHWARAN A**  
(953614105317)



## TOP 5 STUDENTS (2014 – 2018) BATCH



**DEVE KALA S R**  
(953614105010)



**PREM KUMAR P**  
(953614105035)



**PAVETHRA T**  
(953614105032)



**PRIYADHARSINI K**  
(953614105036)



**AMATHULLA  
JASILA S**  
(953614105003)

## TOP 5 STUDENTS (2015 – 2019) BATCH



**JAGANATHAN M**  
(953615105017)



**VASUMATHI R**  
(953615105054)



**VISHNU PRASAD R**  
(953615105058)



**KARUNAMOORTHY E**  
(953615105021)



**MUTHU LAKSHMI M**  
(953615105028)



## TOP 5 STUDENTS (2016 – 2020) BATCH



**YASHASWINI G**  
(953616105055)



**KIRUBAH M**  
(953616105018)



**JAISREE S K**  
(953616105013)



**KAMATCHIPRIYA M**  
(953616105015)



**NIRMALA DEVI A**  
(953616105030)

## TOP 5 STUDENTS (2017 – 2021) BATCH



**MUTHU  
MEENAKSHI M**  
(953617105027)



**SANGEETHA R S**  
(953617105038)



**GNANA PRAKASH P**  
(953617105012)



**GOWRISANKAR P**  
(953617105014)



**ARJUN RAM R**  
(953617105001)



## LIST OF STUDENTS REGISTERED FOR GATE' 18 EXAMINATION

Sl. No.	Register Number	Name of the Student
1	953614105002	Amarnath P
2	953614105003	Amathulla Jasila S
3	953614105015	Hari Prasath M
4	953614105016	Hari Vignesh G
5	953614105019	Jeyavigneshkumar J
6	953614105023	Madhan Kumar M
7	953614105025	Marieswaran S
8	953614105028	Mohamedsameer A
9	953614105032	Pavethra T
10	953614105034	Prasad T
11	953614105035	Prem Kumar P
12	953614105036	Priyadharsini K
13	953614105041	Roshan V
14	953614105043	Sathesh N
15	953614105046	Sharmela S
16	953614105050	Subashini M
17	953614105051	Thaarani T
18	953614105054	Vijayaprabha K
19	953614105303	Balamurugan K (19.06.1997)
20	953614105304	Chandru G
21	953614105308	Mariselvam M
22	953614105312	Sankaralingam B



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year 2017-2018

### TEACHING FACULTY MEMBERS



Dr. S. Kannan,  
M.E. (PSE), Ph.D.  
Professor and Head of  
the Department



Mr. K. Karthikeyan,  
M.E.(EE), Ph.D.  
Assistant Professor  
(Senior Grade)



Mr. D. Karthik Prabhu,  
M.E.(HVE)  
Pursuing Ph.D.  
Assistant Professor  
(Senior Grade)



Mr. A. Arun Kumar,  
M.E.(PSE),  
Pursuing Ph.D.  
Assistant Professor



Mr. N. Ganesh,  
M.E.(PED),  
Pursuing Ph.D.  
Assistant Professor



Mrs. M. Eswari,  
M.E.(PED),  
Assistant Professor



Mr. E. Thangam,  
M.E.(PSE),  
Pursuing Ph.D.  
Assistant Professor



Mr. S. Meenakshi  
Sundaravel  
M.E.(PED),  
Assistant Professor



Mr. S. Viignesh,  
M.E.(PSE),  
Pursuing Ph.D.  
Assistant Professor



Mrs. S. Jeyanthi  
M.E.(PED),  
Assistant Professor

**NON-TEACHING STAFF MEMBERS**



Mr. V. Jothibass,  
DEEE  
Lab Technician



Mr. P. Vijaya Kumar,  
DEEE  
Lab Technician



Mr. S. Muthuraman,  
DEEE  
Lab Technician



Mr. I. John Britto,  
B.E.  
Lab Technician



Mr. P. Prem Kumar,  
DEEE  
Lab Technician



Mrs. P. Palanikani,  
BCA  
Junior Assistant



Mr. B. Muthukumar,  
HSC  
Office Assistant