

**NEWS LETTER**



**JANUARY-JUNE 2023**

**EDITORIAL COMMITTEE**

**Chief Patron**

Dr.R.Vasanthakumar  
Chairman and Managing Trustee  
Karpagam Institutions

**Patron**

Shri.K.Murugaiah  
Chief Executive Officer  
Karpagam Institutions

**Chairman**

Dr.V.Kumar Chinnaiyan  
Principal  
Karpagam College of Engineering

**Editor-in Chief**

Dr.V.Tamilselvan  
Professor & Head  
Electrical and Electronics Engineering  
Karpagam College of Engineering

**Editor**

Mr.M.Muthukumaran  
Assistant Professor  
Electrical and Electronics Engineering  
Karpagam College of Engineering

## INDEX PAGE

S.No.	Content	Page No.
1.	Department @ Glance	4
2.	Vision & Mission	4
3.	POs, PEOs, PSOs	5
4.	Industry Institute Partnership Cell (IIPC) (Centre of Excellence / MoUs/ Collaboration Activities / Partial Delivery)	7
5.	Faculty Corner	10
	a. Faculty Grants / Research Consultancy / Seed Money	10
	b. Faculty Awards / Achievements/ Patents	10
	c. Faculty Publications – Books / Conferences / Journals	12
	d. Faculty Participation – Seminar / Webinar / Workshop / FDP / STTP	14
	e. Faculty NPTEL-Online Course Certifications	16
6.	Students Corner	17
	a. Students Awards / Achievements/ Patents	17
	b. Students Participation – Seminar / Workshop / Symposium / NPTEL / AICTE / MOOCs	31
	c. Extra-Curricular Activities – Sports / Cultural	32

### Department @ Glance

The Department of Electrical and Electronics Engineering was established in the year 2002 with an intake of 60 students. The intake is increased to 120 and 180 in the year 2007 and 2012 respectively. The program is accredited by NBA in the year 2009 and reaccredited in the year 2016. The Department is also recognized as research Centre by Anna University. This department has dedicated, talented, qualified and experienced team as teaching faculty members.

### Vision

To provide students with sound knowledge of Electrical and Electronics Engineering, that they become capable of facing the current and impending challenges to extend their expertise in the global arena.

### Mission

- Impart high quality education and training to the students in the field of Electrical and Electronics Engineering.
- Transforming our students into enterprising technologists by giving them excellent facilities by qualified, committed members of faculty.
- Motivating them to contribute immensely for the benefit of the entire humanity.

### Program Outcomes (POs)

**PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write

effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### **Programme Educational Objectives (PEOs)**

**PEO1:** Graduates will synthesize mathematics, science, engineering fundamentals, laboratory and work-based experiences to formulate and solve problems in Electrical and Electronics engineering and the related domains and will develop proficiency in Computer-based engineering and the use of computational tools.

**PEO2:** Graduates will communicate and work team-based on the multidisciplinary engineering projects in the allied fields of Electrical Science and will practice the ethics of their profession.

**PEO3:** Graduates will realize the importance of self-learning and engage in lifelong learning to become experts either as an entrepreneur or an employee so as to broaden their knowledge in the domain.

### **Programme Specific Outcomes (PSOs)**

**PSO 1:** Apply the knowledge in the field of electrical and electronics engineering to analyze, design and develop solutions for real world problems.

**PSO 2:** Demonstrate the skill in core and allied domain to work in interdisciplinary teams.

### Industry Institute Partnership Cell (IIPC)

(Centre of Excellence / MoUs / Collaboration Activities / Partial Delivery)

#### MoU Signed:

S.No.	Number of MoU Signed
1	1

- Memorandum of Understanding (MoU) signed between EEE, KCE and **TAARK Electric Vehicles & Equipments Pvt Ltd, Pollachi** on 11<sup>th</sup> February 2023.

#### List of Events Conducted:

S.No.	Name of the Activities	Number of Activities Completed
1	Alumni interaction	1
2	Career Awareness Program	4
3	Workshop	2
4	Guest lecture	1
5	Extension Activity	1
<b>Total</b>		<b>9</b>

#### Alumni Interaction:

- On 21<sup>st</sup> January 2023, an Alumni interaction programme titled "Career Opportunities After Under graduation" was organized, providing valuable insights into post-graduation career paths for third-year students. The programme featured Mrs. Ashwini Raghavendran, a Senior Technical Lead at Donyati and an esteemed alumna from the batch of 2007-2011, who shared her experiences and expertise with the attendees.

#### Career Awareness Program:

- From 24<sup>th</sup> January 2023 to 27<sup>th</sup> January 2023 A career Awareness Program to KCEians by KCEians was organized for third year Students. The Resource person Mr.S.Arun

Venugopal Robert Bosch, Coimbatore, Batch of 2009-2013 delivered a seminar in the title of “ Skill requirements in virtual Instrumentation”. Mr.Sivaram Ayyasamy Batch of 2008-2012, Senior Consultant in Infosys, Mysore delivered a seminar in the title of “ Importance of Renewable energy”. Mr.R.Thirumoorthy Batch of 2006-2010, Entrepreneur, Head Marketing & Systems, Coimbatore delivered a seminar in the title of “ Recent trends in Power Electronics”. Ms.T.Narayani Batch of 2006-2010, Instrumentation Engineer, Dow Performance, Silicones, United Kingdom delivered a seminar (online) in the title of “ Importance of Sensors and Transducer”. Mr.P.Rathinavel, Batch of 2008-2012, Project Engineer, Hitachi Energy, Chennai delivered a seminar in the title of “ Energy studies in Power System Network”.

2. On 27th January 2023, a career guidance programme titled "The Magic of Thinking Big" was organized to inspire and motivate participants to think and dream big in their career pursuits. The workshop was led by Mr. B. Bala Senthil Kumar, Founder and Managing Director of Ze Bancairo IAS Study Circle/School of Banking, and an esteemed alumnus from the batch of 2006-2010.
3. On 27th January 2023, a career guidance program titled "Challenges and Opportunities of Higher Education" was organized to provide valuable insights to third-year students on navigating the complexities of higher education and career choices. Ms. Khemaa T K, a distinguished alumna from the batch of 2013-2017, representing Hindustan Coca Cola Beverages Pvt. Ltd, served as the resource person for the program.
4. On 28th January 2023 A career Awareness Program to KCEians by KCEians was organized for third year Students. The Resource Person Mr.P.Sekar Batch of 2009-2013, Senior Software Developer, Robert Bosch, Coimbatore delivered a Seminar in the title of “Importance of Programming for Electrical Engineering”. Mr.A.Kathiresan Batch of 2006-2010, Assistant Manager Electrical at Cogent Automation Pvt.Ltd, Coimbatore delivered a Seminar in the title of “Machines in the Automation”. Mr.Balaji Venkataraman Batch of 2010-2014, Senior Software Engineer, Robert Bosch Engineering and Business Solutions, Coimbatore delivered a seminar in the title of “Need of Modern Microcontrollers in Industrial Automation.



### **Workshops:**

1. On 2<sup>nd</sup> February 2023, a National level workshop titled "Energy Profession for Electrical Engineering Graduates" was organized by the event coordinators Dr.M.Sivaramkrishnan and Mrs.R.Vidyalakshmi Assistant Professor. Aiming to provide insights into career opportunities and advancements in the field of energy for aspiring electrical engineering graduates. The workshop was facilitated by Dr. S. R. Sivarasu, Managing Partner at Ram Kalam Centre for Energy Consultancy & Training, Coimbatore. Dr. Sivarasu shared his expertise and experiences in the energy sector with the participants.
2. On 3<sup>rd</sup> March 2023, A national level workshop titled "MIT Mobile App Inventor for Rapid Prototyping" was organized to enhance participants' skills in mobile app development using the MIT App Inventor platform. The workshop was conducted by Mr. P. Gajendran, Assistant Professor, and Dr. C. S. Sundar Ganesh, Assistant Professor, who shared their expertise and insights in the field of mobile app development.

### **Guest lecture:**

1. On 11<sup>th</sup> February 2023, a Guest lecture titled "Thermal Management of Electronic Control Units" was organized for second-year EEE students by the event coordinators Dr.M.Sivaramkrishnan and Mrs.R.Vidyalakshmi Assistant Professor. Aiming to enhance their understanding of thermal management techniques in electronic systems. The guest lecture was delivered by Mr.T.Ravichandran, a Validation Engineer at Bosch Global Software Technologies, Coimbatore. Mr.T.Ravichandran shared his expertise and practical insights on the topic.

### **Extension Activity:**

1. On 22<sup>nd</sup> February 2023 Faculty members and second year students visited “ Udhavum Karangal” for donating food grains such as wheat, rice, oil, biscuits, and daily needs items to physically challenged persons and mentally challenged persons.

### Faculty Corner

#### Faculty Grants / Research Consultancy / Seed money

##### Seed Money:

S.No.	Name of the Faculty member	Seed Money Amount (Rs.)
1	Dr.C.S.Sundar Ganesh	74,100
2	Mr.P.Gajendran	
3	Dr.S.Vimalraj	62,700
4	Dr.M.SivaramKrishnan	82,200

- **Dr.C.S.Sundar Ganesh**, Assistant Professor, and **Mr.P.Gajendran**, Assistant Professor have received Rs 74,100 in the project title of “**Power from Wastes by Incineration**” from the institution.
- **Dr.S.Vimalraj**, Professor, have received Rs 62,700 in the project title of “**Artificial Prosthetic Hand-An Aid for Physically Challenged Peoples Control**” from the institution.
- **Dr.M.SivaramKrishnan**, Assistant Professor, have received Rs 82,200 in the project title of “**Electric Vehicle Monitoring with Security and Safety System by using IoT**” from the institution.

#### Faculty Awards / Achievements/ Patents

##### Faculty Awards/Achievements:

- Dr.C.S.Sundar Ganesh, Assistant Professor participated as a reviewer in the peer review process of manuscript submitted to the International virtual conference on Machine Learning Applications in Applied Science and Mathematics ( IVCMA SM 2022) organized by Department of Artificial Intelligence and Data Science at Easwari Engineering College Ramapuram, Chennai.

**Patents:**

S.No.	Name of the Faculty member	Number of patents		
		Filed	Granted	Published
1	Dr.V.Tamilselvan	-	1	-
2	Dr.C.S.Sundar Ganesh	-	-	2
3	Mr.R.Jegadeesh Kumar	-	-	1
4	Mr.Krishna kumar R	-	-	1
Total				5

- **Dr.V.Tamilselvan**, Granted Indian design patent titled “Four wheeled two seater in campus electric vehicle “on 8<sup>th</sup> March 2023.
- **Dr.C.S.Sundar Ganesh**, Published Indian design patent titled, “**Method and System for Optimized Control of DC Servo Motors using PID and Fuzzy PD Controllers**”, on 17<sup>th</sup> March 2023.
- **Dr.C.S.Sundar Ganesh**, Published Indian design patent titled, “**A Solar battery Charger for NI-MH Batteries**”, on 7<sup>th</sup> April 2023.
- **Mr.Jegadeesh Kumar R**, Published Indian design patent titled “**Solar Powered Camera based Kit for Lead Ions Detection in Water employing H<sub>2</sub>S Gas**”, on 5<sup>th</sup> May 2023.
- **Mr.Krishna kumar R**, Published Indian design patent titled “**Automatic AC Gas Sensing and Filling System for Cars**”, on 5<sup>th</sup> May 2023.

### Faculty Publications – Books / Conferences / Journals

#### Journals/ Conferences:

S.No.	Name of the Faculty member	Number of Conference Publications
4	Dr.M.Sivaramkrishnan M	6
5	Dr.C.S Sundar Ganesh	3
6	Mr.P.Palpandian	1
7	Mr.P.Gajendran	1
10	Mr.G.Sureshkumaar	2
<b>Total</b>		<b>13</b>

#### Conferences:

1. **Dr.C.S.Sundarganesh et.al.**, Published a paper in the title of “**Internet of Things Enabled Air Quality Monitoring System**” in June-2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS) (pp. 934-937). IEEE.
2. **Dr.C.S.Sundarganesh et.al.**, Published a paper in the title of “**Wind and Solar Hybrid Power Generation for DC grid**” in Feb-2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM) (pp. 1-8). IEEE.
3. **Dr.C.S.Sundarganesh et.al.**, Published a paper in the title of “**Telemedical Robot Using IoT with Live Supervision and Emergency Alert**” in June-2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN) (pp. 1327-1331). IEEE.
4. **Dr.M.Sivaramkrishnan et.al.**, Published a paper in the title of “**Arduino based design and implementation of real time charge optimization for hybrid vehicles.**” in AIP Conference Proceedings June 2023-(Vol. 2581, No. 1). AIP Publishing.
5. **Dr.M.Sivaramkrishnan et.al.**, Published a paper in the title of “**A Review of the Challenges in EV Wireless Charging Technology**” in June-2023 8th International Conference on Communication and Electronics Systems (ICCES) (pp. 263-269). IEEE.

6. **Dr.M.Sivaramkrishnan et.al.**, Published a paper in the title of “**An Efficient Method for Inductive Power Link Transmission in Low Power Applications**” in June-2023 8th International Conference on Communication and Electronics Systems (ICCES) (pp. 283-288). IEEE.
7. **Dr.M.Sivaramkrishnan et.al.**, Published a paper in the title of “**Hybrid Deep Learning Model for Cyber-Attack Detection.**” In May-2023 in 7th International Conference on Intelligent Computing and Control Systems (ICICCS) (pp. 1435-1441). IEEE.
8. **Dr.M.Sivaramkrishnan et.al.**, Published a paper in the title of “**Reinforcement Learning Based Autonomous E-Vehicle Speed Control**” in April-2023 International Conference on Inventive Computation Technologies (ICICT) (pp. 192-198). IEEE.
9. **Dr.M.Sivaramkrishnan et.al.**, Published a paper in the title of “**Model-based Controller Design for Automatic Two Wheeled Self Balancing Robot**” in April-2023 International Conference on Inventive Computation Technologies (ICICT) (pp. 1418-1425). IEEE.
10. **Mr.P.Gajendran et.al.**, Published a paper in the title of “**IOT based circuit breaker with access control**” in June-2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS) (pp. 928-933). IEEE.
11. **Mr.P.Palpandian et.al.**, Published a paper in the title of “**A Web based Vehicle Parking System**” in June-2023 2023 8th International Conference on Communication and Electronics Systems (ICCES) (pp. 1385-1388).IEEE
12. **Mr.G.Suresh Kumar et.al.**, Published a paper in the title of “**Super Capacitor Integrated Battery System for Electric Vehicles**” in Feb-2023 7th International Conference on Computing Methodologies and Communication (ICCMC) (pp. 11-14). IEEE
13. **Mr.G.Suresh Kumar et.al.**, Published a paper in the title of “**Transformerless Inverter Topologies with Condensed Leakage Current Structure for Grid-tied Photovoltaic System: Design and Analysis**”. in 2023 Second International Conference on Electronics and Renewable Systems (ICEARS) (pp. 115-118). IEEE.

**Faculty Participation – Seminar / Webinar / Workshop / FDP / STTP**

**Faculty Development Program (FDP):**

S.No.	Name of the Faculty member	Number of FDP Attended
1	Dr.V.Tamilselvan	2
2	Dr.M.Sivaramkrishnan	2
3	Dr.C.S.Sundar Ganesh	2
4	Mr.V.Govindaraj	1
5	Mrs.R.Vidyalakshmi	1
6	Mr.P.Gajendran	1
7	Mr.R.Jagadeesh Kumar	1
8	Mr.Muthukumaran	1
9	Mr.G.Suresh Kumaar	1

- **Dr.V.Tamilselvan**, Professor has successfully completed Faculty development program in the title of “Ethics in Engineering Practice” in NPTEL-AICTE (Feb-April 2023).
- **Dr.V.Tamilselvan**, Professor has successfully completed Faculty development program in the title of “Digital Protection of Power System” in NPTEL-AICTE (Feb-April 2023).
- **Dr.M.Sivaramkrishnan**, Assistant Professor has successfully completed Faculty development program in the title of “Principles of Management” in NPTEL-AICTE (Jan-April 2023).
- **Dr.M.Sivaramkrishnan**, Assistant Professor has successfully completed Faculty development program-Online in the title of “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 12th June to 16th June 2023.
- **Mr.V.Govindaraj**, Assistant Professor has successfully completed Faculty development program in the title of “Introduction to Industry 4.0 and Industrial Internet of Things” in NPTEL-AICTE (Jan-April 2023).
- **Mrs.R.Vidyalakshmi**, Assistant Professor has successfully completed Faculty development program in the title of “Introduction to Industry 4.0 and Industrial Internet of Things” in NPTEL-AICTE (Jan-April 2023).

- **Mr.P.Gajendran**, Assistant Professor has successfully completed Faculty development program in the title of “Electronics Equipment Integration and Prototype Building” in NPTEL-AICTE (Feb-April 2023).
- **Mr.R.Jagadeesh Kumar**, Assistant Professor has successfully completed Faculty development program in the title of “Smart Grid: Basics to Advanced Technologies” in NPTEL-AICTE (Jan-April 2023).
- **Dr.C.S.Sundar Ganesh**, Assistant Professor has successfully completed One week Faculty development program in online in the title of “Electric Vehicle Drive System” organized by department of Electrical and Electronics Engineering, Jerusalem College of Engineering, Chennai from 27<sup>th</sup> February 2023 to 4<sup>th</sup> March 2023.
- **Dr.C.S.Sundar Ganesh**, Assistant Professor has successfully completed Faculty development program in the title of “Fuzzy set Logic and Systems and Applications” in NPTEL-AICTE (Jan-April 2023).
- **Mr.M.Muthukumaran**, Assistant Professor has successfully completed Faculty development program in the title of “Ethics in Engineering Practice” in NPTEL-AICTE (Feb-April 2023).
- **Mr.G.Suresh Kumaar**, Assistant Professor has successfully completed Faculty development program in the title of “Power System Design & Analysis using DIgSILENT PowerFactory Software” organized by DIgSILENT GmbH, Germany in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi from 17<sup>th</sup> April 2023 to 18<sup>th</sup> April 2023.

### Faculty NPTEL Online course certification

#### List of Faculty Members completed NPTEL Online certification:

S.No	Faculty Name	Course Enrollment	Course Duration	Mark	Topper
1.	Dr.V.Tamilselvan	Ethics in Engineering Practice	8 Weeks	64	
		Digital Protection of Power System	8 Weeks	61	
2.	Dr.S.Vimalraj	Fuzzy sets, Logic and Systems & Applications	12 Weeks	57	
3.	Dr.V.Vanitha	Power System Engineering	12 Weeks	<b>75</b>	
4.	Dr.E.Govindakumar	Mechatronics	8 Weeks	<b>75</b>	<b>Top-5%</b>
5.	Mr.P.Palpandian	Mechatronics	8 Weeks	63	
6.	Dr.M.Sivaramkrishnan	Principles of Management	12 Weeks	57	
7.	Mr.V.Govindaraj	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	60	
8.	Mr.P.Gajendran	Electronics Equipment Integration and Prototype Building	8 Weeks	73	<b>Top-10%</b>
9.	Mr.M.Muthukumaran	Ethics in Engineering Practice	8 Weeks	63	
10	Dr.C.S.Sundar Ganesh	Analog Circuits	8 Weeks	63	
		Fuzzy sets, Logic and Systems & Applications	12 Weeks	<b>93</b>	
11.	Mrs.R.Vidyalakshmi	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	70	
12.	Mrs.A.Anci Manon Mary	Fuzzy sets, Logic and Systems & Applications	12 Weeks	<b>91</b>	
13.	Mr.R.Jegadeesh Kumar	Smart Grid: Basics to Advanced Technologies	12 Weeks	68	



**Students Corner**

**Students Awards / Achievements/ Patents**

S.No.	Name the Event	Number of Students Participated
1	Online Course	57
2	Online internship	9
3	Quiz	8
4	Sports	1
5	Symposium	3
6	Technical event	1
7	Workshop	18
8	Lab Workshop	1
9	Internship	2
10	Implant Training	2
11	Paper Presentation	4
12	Conference	3
<b>Total</b>		<b>109</b>

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



S.No.	Roll No.	Name of the student	Name of the Event	Organizer	Type of Event	Mode	Date
<b>Online Courses:</b>							
1	717821E215	Divya Dharshini N	Business English	Infosys Spring board	Online Course	Online	05-01-2023
2	717821E215	Divya Dharshini N	Design Thinking	Infosys Spring board	Online Course	Online	06-01-2023
3	717821E215	Divya Dharshini N	Introduction to Machine Learning	Infosys Spring board	Online Course	Online	06-01-2023
4	717821E215	Divya Dharshini N	Microsite Creation on Infosys Springboard - Template 4	Infosys Spring board	Online Course	Online	07-01-2023
5	717821E215	Divya Dharshini N	Building Levels of VR	Infosys Spring board	Online Course	Online	07-01-2023
6	717821E154	Surya M K	SQL (Basic)	Skill Rack	Online Course	Online	10-01-2023
7	717821E212	Deepan S	Java Basics - Programming Course (Hands-On)	Skill Rack	Online Course	Online	10-01-2023
8	717821E223	Janarthanan N R	Java Basics - Programming Course (Hands-On)	Skill Rack	Online Course	Online	10-01-2023
9	717821E215	Divya Dharshini N	Java - 50 Very-Easy Challenges	Skill Rack	Online Course	Online	18-01-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



10	717821E154	Surya M K	Java Basics - Programming Course	Skill Rack	Online Course	Online	19-01-2023
11	717821E215	Divya Dharshini N	C - INPUT/OUTPUT (Video Explanation)	Skill Rack	Online Course	Online	20-01-2023
12	717821E215	Divya Dharshini N	C - IF ELSE (Video Explanation)	Skill Rack	Online Course	Online	20-01-2023
13	717821E230	Madhumitha P	Data Structure - C - Course (Hands-On)	Skill Rack	Online Course	Online	20-01-2023
14	717821E244	Sankara Narayanan K S	C - Programming Course (Hands-On)	Skill Rack	Online Course	Online	20-01-2023
15	717821E215	Divya Dharshini N	C - Arithmetic Operators (Video Explanation)	Skill Rack	Online Course	Online	24-01-2023
16	717821E232	Manikandan.S	Java Basics - Programming Course (Hands-On)	Skill Rack	Online Course	Online	24-01-2023
17	717821E242	Sandhiya N	SQL - Basics (Standard)	Skill Rack	Online Course	Online	24-01-2023
18	717821E215	Divya Dharshini N	C - Nested IF ELSE (Video Explanation)	Skill Rack	Online Course	Online	27-01-2023
19	717821E215	Divya Dharshini N	C - LOOPS (Video Explanation)	Skill Rack	Online Course	Online	28-01-2023
20	717821E244	Sankara Narayanan K S	Python 3.x - Programming Course	Skill Rack	Online Course	Online	28-01-2023
21	717821E257	Thenmozhi C	Java Basics - Programming Course (Hands-On)	Skill Rack	Online Course	Online	31-01-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**

22	717821E226	Karun Karthick C	Python for Data Science	NPTEL Online Certification	Online Course	Online	01-02-2023
23	717821E236	Nethesh Pr	Python 3.x - Programming Course	Skill Rack	Online Course	Online	03-02-2023
24	717821E263	Yuvanandhini D	Data Structure - C - Course (Hands-On)	Skill Rack	Online Course	Online	03-02-2023
25	717821E215	Divya Dharshini N	Kickstart (Code Solution)	Skill Rack	Online Course	Online	09-02-2023
26	717821E263	Yuvanandhini D	Kickstart (Code Solution)	Skill Rack	Online Course	Online	10-02-2023
27	717821E216	Gayathri N	Data Structure - C - Course (Hands-On)	Skill Rack	Online Course	Online	22-02-2023
28	717821E215	Divya Dharshini N	Bronze Medals - 100	Skill Rack	Online Course	Online	23-02-2023
29	717821E215	Divya Dharshini N	Bronze Medals - 200	Skill Rack	Online Course	Online	23-02-2023
30	717821E208	Azhagumurugan.M	SQL - Basics (Standard)	Skill Rack	Online Course	Online	24-02-2023
31	717821E216	Gayathri N	Python 3.x - Programming Course	Skill Rack	Online Course	Online	24-02-2023
32	717821E208	Azhagumurugan.M	C - Programming Course (Hands-On)	Skill Rack	Online Course	Online	03-03-2023
33	717821E215	Divya Dharshini N	Microsoft Excel Masterclass : Some Magical Features 2023	learnMall.in	Online Course	Online	20-03-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



34	717821E243	Sanjeev.R	Learning Altium	LinkedIn Learning	Online Course	Online	29-03-2023
35	717821E201	Abinaya.S	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
36	717821E216	Gayathri N	Step into Robotic Process Automation v4.0	UiPath	Online Course	Online	01-04-2023
37	717821E224	Jerin G	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
38	717821E228	Libika K I	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
39	717821E230	Madhumitha P	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
40	717821E237	Pradeep.K	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
41	717821E238	Raghul S	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
42	717821E248	Sharulatha R	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
43	717821E253	Sujithra K	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
44	717821E260	Vikash S S	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023
45	717821E261	Vishalsuriya.N G	Fuzzy Sets, Logic and Systems & Applications	NPTEL Online Certification	Online Course	Online	01-04-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**

46	717821E236	Nethesh P R	Web Development Internship Program	Rinex Organisation	Online Course	Online	06-05-2023
47	717821E125	Harshini Sri M	Student learning Assesment	AICTE	Online Course	Online	14-05-2023
48	717821E215	Divya Dharshini N	Student learning Assesment	AICTE	Online Course	Online	14-05-2023
49	717821E235	Naveenbharathi M	Student learning Assesment	AICTE	Online Course	Online	14-05-2023
50	717821E263	Yuvanandhini D	Student learning Assesment	AICTE	Online Course	Online	14-05-2023
51	717821E235	Naveenbharathi M	Student learning Assesment	AICTE	Online Course	Online	16-05-2023
52	717821E143	Reema Mansoor S	Critical Thinking and Problem Solving	LinkedIn Learning	Online Course	Online	17-05-2023
53	717821E263	Yuvanandhini D	Student learning Assesment	AICTE	Online Course	Online	17-05-2023
54	717821E244	Sankara Narayanan K S	Step into Robotic Process Automation v4.0	UiPath	Online Course	Online	01-06-2023
55	717821E212	Deepan S	Student learning Assesment	AICTE	Online Course	Online	20-06-2023
56	717821E119	Gopika K L	Oracle Java Certification	LinkedIn Learning	Online Course	Online	29-06-2023
57	717821E119	Gopika K L	Critical Thinking and Problem Solving	LinkedIn Learning	Online Course	Online	29-06-2023

**Online internship:**

1	717821E107	Arun Pandiyan P B	MathWorks Virtual Internship Program on Get Started with Artificial Intelligence	NEAT (National Educational Alliance for Technology)	Online Internship	Online	01-05-2023
2	717821E114	Devi R	MathWorks Virtual Internship Program on Get Started with Artificial Intelligence	NEAT (National Educational Alliance for Technology)	Online Internship	Online	01-05-2023
3	717821E116	Divyashree Y	MathWorks Virtual Internship Program on Get Started with Artificial Intelligence	NEAT (National Educational Alliance for Technology)	Online Internship	Online	01-05-2023
4	717821E141	Ragavan R	MathWorks Virtual Internship Program on Get Started with Artificial Intelligence	NEAT (National Educational Alliance for Technology)	Online Internship	Online	01-05-2023
5	717821E255	Thamizharasan A	MathWorks Virtual Internship Program on Get Started with Artificial Intelligence	NEAT (National Educational Alliance for Technology)	Online Internship	Online	01-05-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



6	717821E256	Thana Selva Kumar K	MathWorks Virtual Internship Program on Get Started with Artificial Intelligence	NEAT (National Educational Alliance for Technology)	Online Internship	Online	01-05-2023
7	717821E116	Divyashree Y	Front End Development(FED)	Edunet Foundation	Online Internship	Online	12-06-2023
8	717821E246	Saravanan E	Cyber Security (CS)	Edunet Foundation	Online Internship	Online	12-06-2023
9	717821E256	Thana Selva Kumar K	Artificial Intelligence	Edunet Foundation	Online Internship	Online	12-06-2023
<b>Quiz:</b>							
1	717821E236	Nethesh P R	Knowledge Quiz Series on Robotics and Automation - 1	Dept. MECH, Karpagam College of Engineering	Quiz	Online	03-06-2023
2	717821E240	Rengaraj S	Knowledge Quiz Series on Robotics and Automation - 1	Dept. MECH, Karpagam College of Engineering	Quiz	Online	03-06-2023
3	717821E242	Sandhiya N	Knowledge Quiz Series on Robotics and Automation - 1	Dept. MECH, Karpagam College of Engineering	Quiz	Online	03-06-2023
4	717821E261	Vishalsuriya.N G	Knowledge Quiz Series on Robotics and Automation - 1	Dept. MECH, Karpagam College of Engineering	Quiz	Online	03-06-2023



5	717821E263	Yuvanandhini D	Knowledge Quiz Series on Robotics and Automation - 1	Dept. MECH, Karpagam College of Engineering	Quiz	Online	03-06-2023
6	717822E608	Tharun RP	Knowledge Quiz Series on Robotics and Automation – 1	Dept. MECH, Karpagam College of Engineering	Quiz	Online	03-06-2023
7	717821E235	Naveenbharathi M	Knowledge Quiz Series on Electric Vehicles - II	Dept. EEE, Karpagam College of Engineering	Quiz	Online	11-06-2023
8	717821E235	Naveenbharathi M	Knowledge Quiz Series on Electric Vehicles - III	Dept. EEE, Karpagam College of Engineering	Quiz	Online	25-06-2023
<b>Symposium:</b>							
1	717822E608	Tharun RP	TRONIX 2K23 Technical Quiz	Karpagam Academy of Higher Education, Coimbatore	Symposium	Physical Mode	21-02-2023
2	717821E226	Karun Karthick C	CRYPTERA 2023- Devops and Github Actions Webinar	Coimbatore Institute of Technology, Coimbatore	Symposium	Physical Mode	11-03-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



3	20E219	Mahesh.P	National Level	Kongu Engineering College, Erode	Symposium	Physical Mode	11-04-2023
4	20E223	Mouleeswaran.S	National Level	Kongu Engineering College, Erode	Symposium	Physical Mode	11-04-2023
<b>Technical event:</b>							
1	717821E217	Gowrisankar. M	Ideathon	Yi-YUVA KPR Institute of Engineering and Technology	Technincal Event	KPR Institute of Engineering and Technology, Coimbatore	05-04-2023
<b>Workshop:</b>							
1	717821E215	Divya Dharshini N	KRIYA 20232	PSG College of Technology, Coimbatore	Workshop	Physical Mode	24-03-2023
2	21E503	Dhinakar.C	E-Grid Workshop	Kumaraguru College of Technology	Workshop	Physical Mode	27-02-2023 To 02.03.2023
3	21E502	Dharan Kumar.M	E-Grid Workshop	Kumaraguru College of Technology	Workshop	Physical Mode	27-02-2023 To 02-03-2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



4	20E132	Karthick.M	E-Grid Workshop	Kumaraguru College of Technology	Workshop	Physical Mode	27-02-2023 To 02.03.2023
5	717821E107	Arun Pandiyan P B	Microcontroller lab based on Pt-51 board	NPTEL	Workshop	IIT bombay	05-06-2023
6	20E209	Gokul.S	Open Automation Challenge	B & R Industrial Automation ABB Training	Workshop	Online	07.02.2023
7	20E229	Pavithra.M	Open Automation Challenge	B & R Industrial Automation ABB Training	Workshop	Online	07.02.2023
8	20E244	Swarna Sankari.V	Open Automation Challenge	B & R Industrial Automation ABB Training	Workshop	Online	07.02.2023
9	21E610	Thivakaran.K	Open Automation Challenge	B & R Industrial Automation ABB Training	Workshop	Online	07.02.2023
10	20E136	Sanjay.R	PCB Design	M.Kumarasamy College of Engineering	Workshop	Physical Mode	28.02.2023
11	20E124	Muniraj.T	PCB Design	M.Kumarasamy College of Engineering	Workshop	Physical Mode	28.02.2023

**DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**



12	20E115	Kaviya.R	PCB Design	M.Kumarasamy College of Engineering	Workshop	Physical Mode	28.02.2023
13	21E505	Hariprasanth.J	PCB Design	Knowledge Institute of Technology (KIOT)	Workshop	Physical Mode	17.03.2023
14	20E223	Mouleeswaran.S	PCB Design	Knowledge Institute of Technology (KIOT)	Workshop	Physical Mode	17.03.2023
15	20E130	Pradeep.R.K	PCB Design	Knowledge Institute of Technology (KIOT)	Workshop	Physical Mode	17.03.2023
16	20E132	Prathik.M	PCB Design	Knowledge Institute of Technology (KIOT)	Workshop	Physical Mode	17.03.2023
17	21E502	Dharankumar.M	PCB Design	Knowledge Institute of Technology (KIOT)	Workshop	Physical Mode	17.03.2023
18	20E237	Santhoshkumar.G	PCB Design	Knowledge Institute of Technology (KIOT)	Workshop	Physical Mode	17.03.2023

**Internship:**

1	717821E256	Thana Selva Kumar K	Internship	Gwind Services Pvt Ltd.,	Internship	Physical Mode	07-06-2023
2	717821E226	Karun Karthick C	Internship	Nilgiris Likemind Technologies Private Limited	Internship	Physical Mode	16-06-2023

**Implant Training:**

1	717821E218	Gowrishankar S	In-Plant Training	Mettur Thermal Power Station 1, Mettur Dam	In-plant Training	Physical	12-06-2023
2	717821E255	Thamizharasan A	In-Plant Training	Mettur Thermal Power Station 1, Mettur Dam	In-plant Training	Physical	12-06-2023

**Paper Presentation:**

1	19E131	Siva Bala.L	Project Presentation	Sree Sakthi Engineering College, Karamadai,	Project Expo	Physical Mode	25.02.2023
2	19E136	Shabrish Shetty	Project Presentation	Sree Sakthi Engineering College, Karamadai,	Project Expo	Physical Mode	25.02.2023
3	20E141	Sivaraj.P	Paper Presentation	Kongu Engineering College	Project Expo	Physical Mode	03.03.2023

4	20E142	Sree Varshini.S	Paper Presentation	Kongu Engineering College	Project Expo	Physical Mode	03.03.2023
<b>Conference:</b>							
1	717821E206	Asha Bagam.A	IEEE MAS Hub Congress 2023	IEEE Madras Section	IEEE Conference	IEEE MAS Hub Congress 2023, Coimbatore	18-03-2023
2	717821E260	Vikash S S	IEEE MAS Hub Congress 2023	IEEE Madras Section	IEEE Conference	IEEE MAS Hub Congress 2023, Coimbatore	18-03-2023
3	717821E151	Sree Krishnnaa A	IOT Based Smart Kitchen Automation System	3rd International Conference on Recent Trends in Engineering and Technology	Conference	Chirst the King Engineering College, Karamadai	06-05-2023

**Students Participation – Seminar / Workshop / Symposium / NPTEL / AICTE / MOOC's**

S. No	Student Name	Course Enrollment	Course Duration	Mark
1.	Dinesh V	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	55
2.	Jerin G	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	57
3.	Kathirvel K	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	66
4.	Libika	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	54
5.	Madhumitha P	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	62
6.	Manivel M	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	55
7.	Sujithra	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	73
8.	Vikash S S	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	53
9.	Vishalsuriya N G	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	55
10.	Hritheekkumar R	Electronic Waste management –Issues and Challenges	4 Weeks	54
11.	Arunachalam	Electronic Waste management –Issues and Challenges	4 Weeks	60
12.	Divyashree Y	Electronic Waste management –Issues and Challenges	4 Weeks	<b>75</b>
13.	Reema Mansoor S	Electronic Waste management –Issues and Challenges	4 Weeks	80
14.	Selvakumar S	Electronic Waste management –Issues and Challenges	4 Weeks	60
15.	Sanjai S	Electronic Waste management –Issues and Challenges	4 Weeks	54
16.	Kabilan v	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	55
17.	Thivakaran K	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	60
18.	Anand Kumar V P	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	63
19.	Gokul Seetharaman	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	56
20.	Sanjay V	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	54

**Extra-Curricular Activities – Sports / Cultural**

S.No	Register Number	Student Name	Event	Organizer	Event Date
1	717821E160	Mahieshwar.J	Robo Soccer	BJT-V-PRAYUKTI-23-Bannari Amman Institute of Technology, Sathyamangalam	11.02.2023
2	19E224	Navin Sachihanantham.G	SREC Alumni Trophy-2023 volley	Sri Ramakrishna Engineering College	11.03.2023
3	21E606	Khalied Hameed M	Cricket	Hindustan Alumni Trophy	25.02.2023
4	20E145	Sundareswaran T			
5	717821E115	Dhanush Kumar M			
6	21E606	Khalied Hameed M	Cricket	Anna University Zone Match 2022-2023- Dr.Mahalingam College of Engineering Pollachi	11.01.2023 to 12.01.2023
7	20E145	Sundareswaran T			
8	717821E115	Dhanush Kumar M			
9	717821E261	Vishalsuriya.N G	Mini Marathon 2023	Women Development Cell at Karpagam College of Engineering	26.01.2023