



KPR Institute of Engineering
and Technology

(Autonomous)

Avinashi Road, Arasur, Coimbatore - 641 407

DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

NEWSLETTER



ELECTROBLITZ

VOLUME 6, ISSUE 3

August 2020

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VISION AND MISSION OF THE DEPARTMENT

Vision:

To be the **centre of higher learning** in the field of Electrical and Electronics Engineering by educating the students to meet the **global challenges** with **professional ethics and social consciousness**.

Mission:

- Providing **technical, intellectual and ethical** environment to the students through **knowledge centric education and research**.
- Collaborating with industries in the vicinity, nationally and internationally for exposure and **innovation**.
- Enabling the students to **serve the society** through **prolific ideas**.

Programme Educational Objectives (PEOs)

The Graduates of Electrical and Electronics Engineering will

- **PEO1** Possess an adequate knowledge to meet the needs of the stakeholders and excel in their chosen profession with good communication and managerial skills.
- **PEO2** Adapt to emerging technologies and practice their profession confirming to ethical and human values.
- **PEO3** Continuously improve the habit of self-study through professional development activities.

Programme Outcomes (POs)

Graduates of Electrical and Electronics Engineering will be able to:

- **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 Specific Outcomes (PSOs)

Graduates of Electrical and Electronics Engineering will able to:

- **PSO1** Develop skills to the expectations of the dynamic industrial practices in Electrical Engineering and allied areas.
- **PSO2** Analyze, design and integrate various renewable energy sources to meet the energy demand.

FACULTY DETAILS

S.NO	NAME OF THE FACULTY	DESIGNATION
1.	Dr.V.Kumar Chinnaiyan	Professor & Head
2.	Dr.J.Karpagam	Professor
3.	Dr.K.Mohanasundaram	Professor
4.	Dr.R .Uthirasamy	Associate Professor
5.	Dr.V.S.Chandrika	Associate Professor
6.	Dr.P.Pandiyan	Associate Professor
7.	Mr.S.Vivekanandan	Assistant Professor (Sl.G)
8.	Mr.G.Sarvanan	Assistant Professor (Sl.G)
9.	Dr.A.Karthick	Assistant Professor (Sl.G)
10.	Mr.R.Sampath Kumar	Assistant Professor (Sl.G)
11.	Mr.A.Gowri Shankar	Assistant Professor (Sr.G)
12.	Mr.D.Sathish Kumar	Assistant Professor (Sr.G)
13.	Ms.B.Lalitha	Assistant Professor (Sr.G)
14.	Ms.V.J .Vijayalakshmi	Assistant Professor (Sr.G)
15.	Ms.R .Revathi	Assistant Professor (Sr.G)
16.	Mr.A.Mohamed Ibrahim	Assistant Professor (Sr.G)
17.	Mr.P.Ravikumar	Assistant Professor (Sr.G)
18.	Mr.C.Pazhanimuthu	Assistant Professor (Sr.G)

19.	Dr.S.Ravindran	Assistant Professor (Sr.G)
20.	Mr.V.Kamal Kumar	Assistant Professor
21.	Mr.K.Balamurugan	Assistant Professor
22.	Mr.C.J.Vignesh	Assistant Professor
23.	Ms.S.Divya	Assistant Professor
24.	Ms.P.Praveena	Assistant Professor
25.	Dr.I.Baranilingesan	Assistant Professor
26.	Mr.C.Dinesh	Assistant Professor
27.	Mr.M.Mohanasundaram	Assistant Professor

SUPPORTING STAFF

S.NO	NAME OF THE STAFF	DESIGNATION
1.	Mr.M.Vinothkumar	Lab Technician
2.	Mr.C.Gopalakrishnan	Lab Technician
3.	Mr.R.Vinothkumar	Lab Technician
4.	Mr.K.S.M.Manoj Kumar	Lab Technician
5.	Mr.C.Karuppusamy	Lab Technician
6.	Mr.A.Nandhakumar	Office Assistant

ASSOCIATION ACTIVITIES

Webinar on Recent Trends in Energy Storage Technologies and Electric Vehicles

The department of Electrical and Electronics Engineering organized an international webinar on “**Recent Trends in Energy Storage Technologies and Electric Vehicles**” on 14th August 2020 for young engineering aspirants. A heart-warming welcome remark was delivered by Dr.V.Kumar Chinnayan, Professor and Head, Department of EEE. Er. Rajat B Goudar, Energy Systems Engineer, Mitsubishi Electric Power Products, USA presented the following deliberations Energy storage technologies, utility scale energy storage and its types, Growth in Battery Energy Storage Systems (BESS), benefits and applications, Outlook of global electric vehicles, electric vehicle market in India, Primary responsibilities of energy engineers and Career opportunities for aspirants. 70 Participants from various institutions have attended the webinar. Prof. C. Pazhanimuthu proposed the vote of thanks.

The banner features the following elements:

- KPR Institute of Engineering and Technology (Autonomous)**: Avinashi Road, Arasur, Coimbatore - 641 407. Slogan: LEARN BEYOND.
- 11 years of Academic Excellence** logo.
- INSTITUTIONS INNOVATION COUNCIL** logo.
- INNOVATION CELL** logo.
- IEEE KPRIET SB (SBC:60107085)** Organizes.
- Department of Electrical and Electronics Engineering** (vertical text).
- INTERNATIONAL WEBINAR ON Recent Trends in Energy Storage Technologies and Electric Vehicles**.
- Er. Rajat B Goudar**, Energy Systems Engineer, Mitsubishi Electric Power Products, USA.
- 14/08/2020 @ 02:00 PM - 03:00 PM**.
- Meet** logo and the URL <https://meet.google.com/wjo-vkcb-jpo>.
- Department of EEE KPRIET** logo.

Quiz Series on Online Quiz for Insightful EV Minds

The department of Electrical and Electronics Engineering organized an Online Quiz program titled “**Online Quiz for Insightful EV Minds**” on 10.08.2020 open to all who are keen on Electric Vehicles. The poster is circulated to various Institutions and in social media digitally. The quiz started at 04.00 pm and planned up to 06.00 pm, few students requested to extend the time due to their online class schedule, we have extended the closing time to 07.30 pm. Many students from various institutions and industry people have participated in this quiz.

- This Quiz had 20 questions covering most areas of Electric Vehicle Technology.
- Each question carries 5 marks.
- The participants who scored 60% and above were issued with Certificate of Appreciation.

The details of the Program Participants are given below:

Total Participants : 51

Participants Scored 60% and above : 25

Participants from other Institutions : 12

Participants from Industry : 4

Participants from KPRIET : 35

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

Department of Electrical and Electronics Engineering
Presents

Online Quiz for Insightful EV Minds
Are you the person who is keen on EV's?
Then you are in right Arena!
on
10.08.2020 between 04.00 pm to 06.00 pm

Join with us and play the Quiz
<https://forms.gle/7rbHHVoxu4G7Pdae9>
Grab your e-Certificate securing 60%!

Department of EEE
KPRIET
Empower Through Learning
kriet.ac.in

Quiz Series on EV Charging Infrastructure and Battery Technology

The department of Electrical and Electronics Engineering organized a Quiz program titled “EV Charging Infrastructure and Battery Technology” on 19.08.2020 open to all who are keen on emerging EV technologies. The poster is circulated to various Institutions and in social media digitally. The quiz started by 12.00 pm and closed at 08.00 pm. Participants from various colleges and universities across India have participated in this quiz.

- This Quiz had 20 questions covering Electric Vehicle Charging infrastructure Battery Technologies.
- Each question carries 5 marks.
- The participants who scored 50% and above were issued with Certificate of Appreciation

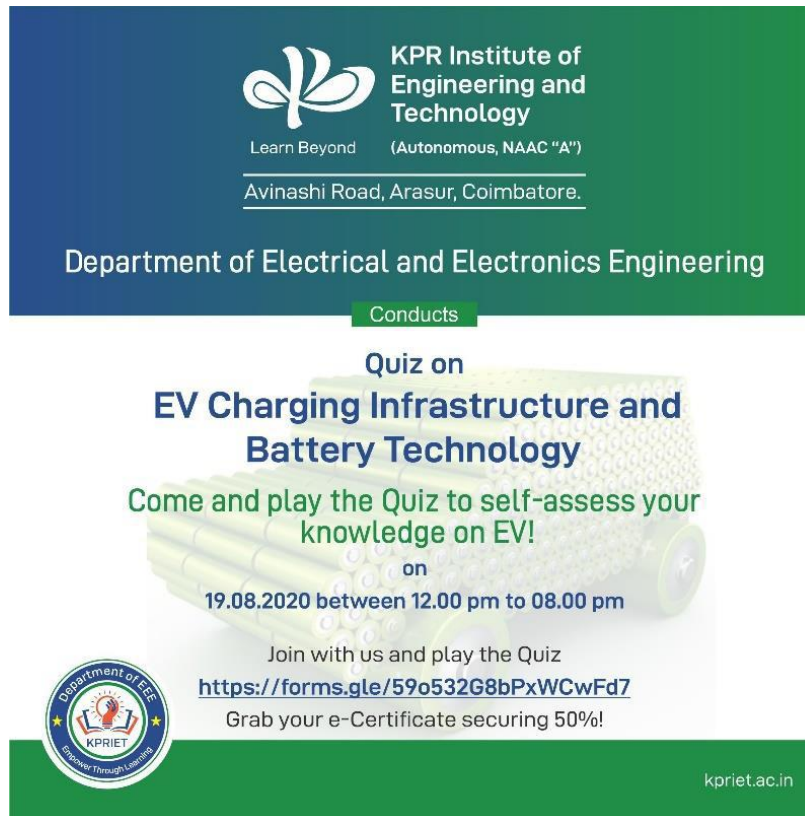
The details of the Program Participants are given below:

Total Participants : 206

Participants Scored 50% and above : 163

Participants from other Institutions and Universities : 108

Participants from KPRIET : 98



The poster features a blue and green background with a stack of yellow batteries in the center. At the top, the KPR Institute of Engineering and Technology logo is displayed, along with the motto 'Learn Beyond' and the text '(Autonomous, NAAC "A")'. Below this, the address 'Avinashi Road, Arasur, Coimbatore.' is listed. The Department of Electrical and Electronics Engineering is identified as the conductor of the quiz. The main title of the quiz is prominently displayed in blue and green text. A call to action encourages participants to self-assess their knowledge on EV technology. The quiz dates and times are specified as 19.08.2020 from 12:00 pm to 08:00 pm. A QR code and a Google Forms link are provided for registration. A final note mentions that participants scoring 50% or higher will receive an e-certificate. The KPRIET logo is in the bottom left corner, and the website 'kpriet.ac.in' is in the bottom right corner.

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

Department of Electrical and Electronics Engineering
Conducts

Quiz on
EV Charging Infrastructure and Battery Technology
Come and play the Quiz to self-assess your knowledge on EV!
on
19.08.2020 between 12.00 pm to 08.00 pm

Join with us and play the Quiz
<https://forms.gle/59o532G8bPxWCwFd7>
Grab your e-Certificate securing 50%!

kpriet.ac.in

Quiz Series on Electric Vehicles in World Market

The department of Electrical and Electronics Engineering organized a Quiz program titled “**Electric Vehicles in World Market**” on 28.08.2020 open to all, who are keen on emerging EV technologies. The poster is circulated to various Institutions and in social media digitally. The quiz started by 12.00 pm and closed at 08.00 pm. Participants from various colleges and universities across India and industry people from foreign countries have participated in this quiz.

- This Quiz had 20 questions covering Electric Vehicles available with various companies and countries.
- Each question carries 5 marks.
- The participants who scored 50% and above were issued with Certificate of Appreciation.

The details of the Program Participants are given below:

Total Participants : 308

Participants cleared the quiz and received Certificate : 258

Participants from other Nations, Institutions and Universities : 280

Participants from KPRIET : 28.

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

IEEE
IEEE Students' Branch
(SB60107085)

Department of Electrical and Electronics Engineering

Conducts

Quiz on
"Electric Vehicles in World Market"
Come and play the Quiz to self-assess your knowledge on EV!
on
28.08.2020 between 12.00 pm to 08.00 pm

Join with us and play the Quiz
<https://forms.gle/b9inW7dCqjtxXyHu8>
Grab your e-Certificate securing 50%!

Department of EEE
KPRIET
Empower Through Learning

kpriet.ac.in

AICTE Sponsored STTP (Series – II, III, IV)

The department of Electrical and Electronics Engineering organized an AICTE Sponsored Online STTP Series – II, III and IV on “Recent Advancements in Integration of Distributed Energy Resources for Electric Vehicle Charging Stations and Energy Management using Internet of Energy” from 3rd August to 29th August 2020 for the faculty community. A heart-warming welcome address was delivered by Dr.V.Kumar Chinnayan, Professor and Head, Department of EEE.



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11 years
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COUNCIL



Department of EEE
KPRIET



Sponsored Online STTP (Series - II) on

Recent Advancements in Integration of Distributed Energy Resources for Electric Vehicle Charging Stations and Energy Management using Internet of Energy

Organized By
Department of
Electrical and Electronics Engineering

Electric Vehicle and Charging Infrastructures	Soft Computing Techniques for Power Management
 <p>Dr. S. Umashankar Prince Sultan University, Riyadh, Saudi Arabia</p> <p style="color: red; font-weight: bold;">03/08/20</p>	 <p>Dr. U.S. Ragupathy KEC, Perundurai</p> <p style="color: red; font-weight: bold;">04/08/20</p>
Electric Vehicle and Charging Interface	Inverterization of Home Appliances and Electric Vehicles
 <p>Er. V. Soundarajan RBEI, Coimbatore</p> <p style="color: red; font-weight: bold;">05/08/20</p>	 <p>Er. Ravi Kumar Rangasamy Infineon Technologies India Pvt Ltd Bangalore</p> <p style="color: red; font-weight: bold;">06/08/20</p>
Mitigation of Power Quality Issues in Grid Connected EV Systems	Control and Energy Management Scheme of PV Integrated Charging Stations for Plug-in Electric Vehicles
 <p>Dr. V. Kumar Chinnaiyan KPRIET, Coimbatore</p> <p style="color: red; font-weight: bold;">07/08/20</p>	 <p>Prof. P. Ravikumar KPRIET, Coimbatore</p> <p style="color: red; font-weight: bold;">08/08/20</p>

For Registration Scan





Meet

Time

10:30 AM - 12:30 PM

Participants attending full series and submitting feedback will receive E-Certificate

Dr.R.Uthirasamy - 9788576425 Prof.P.Ravikumar - 9943171058



KPR Institute of Engineering and Technology

Learn Beyond

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Avinashi Road, Arasur, Coimbatore.



AICTE Sponsored Online STTP (Series - III) on
Recent Advancements in Integration of Distributed Energy Resources for Electric Vehicle Charging Stations and Energy Management using Internet of Energy

Organized By
Department of Electrical and Electronics Engineering

IoT for Power Management



Dr. M.P. Selvan
 NIT, Trichy
 17/08/20

Building Smarter Grid



Dr. S.U. Prabha
 SREC, Coimbatore
 18/08/20

Understanding EV Charging Technologies



Er. P.Prasanth Kumar
 Haritha TechLogix
 Bangalore
 19/08/20

Converter Design for EV



Prof. S. Vivekanandan
 KPRIET, Coimbatore
 20/08/20

BMS For EV



Dr. J. Karpagam
 KPRIET, Coimbatore
 21/08/20

Autonomous Vehicle



Dr.T. Anbalagan
 Robert Bosch
 Coimbatore
 22/08/20

For Registration Scan



Time
10:30 AM - 12:30 PM

Participants attending full series
 and submitting feedback will
 receive E-Certificate

Dr.R.Uthirasamy - 9788576425 Prof.V.J. Vijayalakshmi - 9750956757



Avinashi Road, Arasur, Coimbatore.



AICTE Sponsored Online STTP (Series - IV) on
Recent Advancements in Integration of Distributed Energy Resources for Electric Vehicle Charging Stations and Energy Management using Internet of Energy


Organized By
Department of Electrical and Electronics Engineering

Embedded Systems for EV Applications



Dr. S. Moorthy
NIT, Trichy
24/08/20

Efficient Ways to Charge EV using Clean Energy



Er. Suresh Thangavel
Infineon Technologies
India Pvt Ltd, Germany
25/08/20

Power Converters for the Integration of DES



Dr. S. Kumaravel
NIT, Calicut
26/08/20

MPPT Algorithms for re-harnessing and EV Applications



Dr. P. Maruthupandi
GCT, Coimbatore
27/08/20

Internet of Things For EV



Prof. G. Saravanan
KPRIET, Coimbatore
28/08/20

Optimization Techniques for EV Design



Dr. I. Baranilingesan
KPRIET, Coimbatore
29/08/20

For Registration Scan



Time
10:30 AM - 12:30 PM

Participants attending full series and submitting feedback will receive E-Certificate

Dr. J. Karpagam - 9688999111

Prof. V. J. Vijayalakshmi - 9750956757

Faculty Members Journal Publications

1. **Mr. Dinesh C**, “Design and Development of a portable Spot Welding Machine for Joining Metal using HCT”, Advances in Mathematics: Scientific Journal, Vol.8, Issue 1, August 2020.
2. **Dr.R.Uthirasamy, Dr.V.Kumar Chinnaiyan, Dr.J.Karpagam, Ms.V.J.Vijayalakshmi**, “Stepped DC Link Converters for Solar Power Applications”, Green Energy, Scrivener Publishing, Wiley, August 2020.

Faculty Members Designated as Resource Person

1. Dr. V. Kumar Chinnaiyan, Professor and Head from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled “AICTE Sponsored STTP on “Recent Advancements in Integration of Distributed Energy Resources for electric Vehicle Charging stations and Energy Management using Internet of energy” at KPR Institute of Engineering and Technology, Coimbatore on 7th August 2020. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

2. Mr. P. Ravikumar, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled “AICTE Sponsored STTP on “Recent Advancements in Integration of Distributed Energy Resources for electric Vehicle Charging stations and Energy Management using Internet of energy” at KPR Institute of Engineering and Technology, Coimbatore on 8th August 2020. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

3. Mr.S.Vivekanandan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled “AICTE Sponsored STTP on “Recent Advancements in Integration of Distributed Energy Resources for electric Vehicle Charging stations and Energy Management using Internet of energy” at KPR Institute of Engineering and Technology, Coimbatore on 20th August 2020. Nearly 110

participants from various Institutions in and around Tamil Nadu were benefitted through the event.

4. Dr.J.Karpagam, Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled “AICTE Sponsored STTP on “Recent Advancements in Integration of Distributed Energy Resources for electric Vehicle Charging stations and Energy Management using Internet of energy” at KPR Institute of Engineering and Technology, Coimbatore on 21th August 2020. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

5. Mr.G.Saravanan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled “AICTE Sponsored STTP on “Recent Advancements in Integration of Distributed Energy Resources for electric Vehicle Charging stations and Energy Management using Internet of energy” at KPR Institute of Engineering and Technology, Coimbatore on 28th August 2020. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

6. Dr.I.Baranilingesan, Assistant Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled “AICTE Sponsored STTP on “Recent Advancements in Integration of Distributed Energy Resources for electric Vehicle Charging stations and Energy Management using Internet of energy” at KPR Institute of Engineering and Technology, Coimbatore on 29th August 2020. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

Publication in Journal by Students

1. **Selvakumar S, Srivathsalyan and Naresh P**, “Design and Development of a portable Spot Welding Machine for Joining Metal using HCT”, Advances in Mathematics: Scientific Journal, Vol.8, Issue 1, August 2020.

List of Eminent Academicians/Scientists Visited

S.No.	Name and Designation	Organization
1	Er. Rajat B Goudar Energy Systems Engineer	Mitsubishi Electric Power Products, USA
2	Dr. S. Umashankar Associate Professor	Prince Sultan University, Riyadh, Saudi Arabia
3	Dr. U.S. Ragupathy Professor	Kongu Engineering College, Perundurai
4	Er. V. Soundarrajan Senior Project Manager	Robert Bosch, Coimbatore
5	Er. Ravi Kumar Rangasamy Principal Engineer	Infineon Technologies India Pvt.Ltd, Bangalore
6	Dr. M.P. Selvan Associate Professor	National Institute of Technology, Trichy
7	Dr. S.U. Prabha Professor	Sri Ramakrishna Engineering College, Coimbatore
9	Er. P. Prasanth Kumar Project Developer	Haritha TechLogix, Bangalore
10	Dr. T. Anbalagan Technical Project Manager	Robert Bosch, Coimbatore
11	Dr. S. Moorthy Associate Professor	National Institute of Technology, Trichy
12	Er. Suresh Thangavel Senior Staff Engineer	Infineon Technologies India Pvt Ltd, Germany
13	Dr. S. Kumaravel Assistant Professor	National Institute of Technology, Calicut
14	Dr. P. Maruthupandi Assistant Professor	Government College of Technology, Coimbatore

Faculty Participation in FDP/Seminar/Workshop/Orientation Program

S. No	Faculty Name	Type of the Event	Event Name	Venue	Duration of the Event
1	Dr.A.Karthick	STTP	Automotive Embedded System using IoT	Sri Krishna College of Engineering and Technology, Coimbatore	27/07/2020 - 01/08/2020
2	Mr.C.Pazhanimuthu	STTP	Electric Cars Technologies and Modern Power Systems	Kamaraj College of Engineering and Technology, Chittoor	27/07/2020 - 01/08/2020
3	Mr.V.Kamalkumar	STTP	Automotive Embedded System using IoT	Sri Krishna College of Engineering and Technology, Coimbatore	27/07/2020 - 01/08/2020
4	Dr.I.Baranilingesan	STTP	Renewable Energy Development in Deregulated Power Markrt: Future Scenario	Jayamukhi Institute of Technological Science, Telangana	27/07/2020 - 01/08/2020
5	Dr.I.Baranilingesan	FDP	Real Time applicatio of Opal-RT of Power Electronics, Smart Grid and Micro Grid	Vellore Institute of Technology, Chennai	03/08/2020 - 07/08/2020
6	Dr.V.S.Chandrika	STTP	High Performance Intelligent Real Time Embedded System Design and Internet of Things to Accelerate Automation System into Autonomous System	RMK Engineering College, Chennai	03/08/2020 - 08/08/2020
7	Mr.R.Sampathkumar	STTP	High Performance Intelligent Real Time Embedded System Design and Internet of Things to Accelerate Automation System into Autonomous System	RMK Engineering College, Chennai	03/08/2020 - 08/08/2020
8	Mr.D.Sathish Kumar	STTP	High Performance Intelligent Real Time Embedded System Design and Internet of Things to Accelerate Automation System into Autonomous System	RMK Engineering College, Chennai	03/08/2020 - 08/08/2020
9	Ms.B.Lalitha	STTP	High Performance Intelligent Real Time Embedded system Design and Internet of Things to Accelerate Automation system into Autonomous System	RMK Engineering College, Chennai	03/08/2020 - 08/08/2020

10	Dr.I.Baranilingesan	STTP	High Performance Intelligent Real Time Embedded system Design and Internet of Things to Accelerate Automation System into Autonomous System	RMK Engineering College, Chennai	03/08/2020 - 08/08/2020
11	Mr.C.Dinesh	STTP	High Performance Intelligent Real Time Embedded System Design and Internet of Things to Accelerate Automation System into Autonomous System	RMK Engineering College, Chennai	03/08/2020 - 08/08/2020
12	Mr.G.Saravanan	FDP	Recent Advances in Embedded Systems	Mahatma Gandhi Institute of Technology, Telangana	07/08/2020 - 11/08/2020
13	Mr.C.Pazhanimuthu	STTP	IoT & Advanced Power Electronics Applications in Smart Grid	K. K. Wagh Institute of Engineering Education & Research, Maharashtra	10/08/2020 - 14/08/2020
14	Dr.S.Ravindran	FDP	Virtual Labs	National Institute of Technology, Karnataka	10/08/2020 - 14/08/2020
15	Mr.P.Ravikumar	STTP	Disaster Mitigation and Management	KPR Institute of Engineering and Technology, Coimbatore	10/08/2020 - 15/08/2020
16	Dr.V.Kumar Chinnaiyan	FDP	Recent Trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17/08/2020 - 21/08/2020
17	Dr.J.Karpagam	FDP	Recent Trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17/08/2020 - 21/08/2020
18	Dr.R.Uthirasamy	FDP	Recent Trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17/08/2020 - 21/08/2020
19	Ms.V.J.Vijayalakshmi	FDP	Recent Trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17/08/2020 - 21/08/2020
20	Mr.P.Ravikumar	FDP	Recent Trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17/08/2020 - 21/08/2020
21	Ms.P.Praveena	STTP	PLC Programming and its Applications	NITTTR, Kolkata	17/08/2020 / 21/08/2020
22	Dr.I.Baranilingesan	STTP	Recent trends & Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College, Coimbatore	17/08/2020 - 21/08/2020
23	Mr.C.Dinesh	ATAL FDP	Augmented Reality/Virtual Reality	Thiagarajar Polytechnic College, Salem	17/08/2020 - 21/08/2020
24	Dr.V.Kumar Chinnaiyan	STTP	Intellectual Property Rights	Dr. B.R. Ambedkar National Institute of Technology, Punjab	18/08/2020 - 22/08/2020

25	Dr.J.Karpagam	STTP	Intellectual Property Rights	Dr. B.R. Ambedkar National Institute of Technology, Punjab	18/08/2020 - 22/08/2020
26	Dr.R.Uthirasamy	STTP	Intellectual Property Rights	Dr. B.R. Ambedkar National Institute of Technology, Punjab	18/08/2020 - 22/08/2020
27	Ms.V.J.Vijayalakshmi	STTP	Intellectual Property Rights	Dr. B.R. Ambedkar National Institute of Technology, Punjab	18/08/2020 - 22/08/2020
28	Mr.P.Ravikumar	STTP	Intellectual Property Rights	Dr. B.R. Ambedkar National Institute of Technology, Punjab	18/08/2020 - 22/08/2020
29	Dr.I.Baranilingesan	FDP	Recent Trends on Renewable Energy and Electric Vehicle Technology	Eswari Engineering College, Chennai	20/08/2020 - 25/08/2021
30	Dr.V.Kumar Chinnaiyan	FDP	Research Areas in Energy Audit and Conservation	Vellore Institute of Technology, Vellore	24/08/2020 - 26/08/2020
31	Dr.J.Karpagam	FDP	Research Areas in Energy Audit and Conservation	Vellore Institute of Technology, Vellore	24/08/2020 - 26/08/2020
32	Dr.R.Uthirasamy	FDP	Research Areas in Energy Audit and Conservation	Vellore Institute of Technology, Vellore	24/08/2020 - 26/08/2020
33	Ms.V.J.Vijayalakshmi	FDP	Research Areas in Energy Audit and Conservation	Vellore Institute of Technology, Vellore	24/08/2020 - 26/08/2020
34	Mr.P.Ravikumar	FDP	Research Areas in Energy Audit and Conservation	Vellore Institute of Technology, Vellore	24/08/2020 - 26/08/2020
35	Dr.V.Kumar Chinnaiyan	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
36	Dr.J.Karpagam	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
37	Dr.R.Uthirasamy	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
38	Mr.S.Vivekanandan	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
39	Mr.G.Saravanan	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
40	Ms.V.J.Vijayalakshmi	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
41	Mr.A.Mohamed Ibrahim	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
42	Mr.P.Ravikumar	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020

43	Dr.S.Ravindran	ATAL FDP	Energy Storage and E-Mobility	Syed Ammal Engineering College, Madurai	24/08/2020 - 28/08/2020
44	Mr.C.Dinesh	ATAL FDP	Electric Vehicles	PSG College of Technology, Coimbatore	24/08/2020 - 28/08/2020
45	Dr.A.Karthick	ATAL FDP	Smart Grids and Electric Vehicles	Nalla Malla Reddy Engineering College, Telangana	25/08/2020 - 29/08/2020
46	Dr.V.S.Chandrika	ATAL FDP	Stress Management	Indian Institute of Technology, Madras	26/08/2020 - 30/08/2020
47	Mr.R.Sampathkumar	ATAL FDP	Stress Management	Indian Institute of Technology, Madras	26/08/2020 - 30/08/2020
48	Ms.P.Praveena	ATAL FDP	Stress Management	Indian Institute of Technology, Madras	26/08/2020 - 30/08/2020
49	Dr.I.Baranilingesan	ATAL FDP	Stress Management	Indian Institute of Technology, Madras	26/08/2020 - 30/08/2020

Students Participation in Workshop/Seminar/Quiz/Paper Presentation

S.No	Student Name	Year	Event Name	Venue	Duration of the Event
1	Kathiresan C.	II	Webinar	Pantech Solutions, Coimbatore	02/08/2020
2	Niresh R.	II	Quiz	C.G Bhakta Institute of Biotechnology, Gujarat	05/08/2020
3	Suvetha M.C.	II	Quiz	C.G Bhakta Institute of Biotechnology, Gujarat	05/08/2020
4	Vasanth S.	II	Quiz	C.G Bhakta Institute of Biotechnology, Gujarat	05/08/2020
5	Aravind B.	III	Webinar	J.J. College of Engineering and Technology, Trichy	05/08/2020
6	Aravind B.	III	Webinar	C. Abdul Hakeem College of Engineering and Technology, Vellore	05/08/2020
7	Krishna R.	II	Quiz	Uka Tarsadia University, Gujarat	05/08/2020
8	Aravind V.	II	Webinar	SNS College of Technology, Coimbatore	05/08/2020
9	Aravind B.	III	Webinar	Bhoj Reddy Engineering College, Telangana	06/08/2020

10	Aravind B.	III	Webinar	Dr.Paul Raj Engineering College, Andhra Pradesh	06/08/2020
11	Satheesh D.	II	Webinar	Panimalar Institute of Technology, Chennai, Pondicherry	06/08/2020
12	Hari Prakash V.	II	Quiz	SVS College of Engineering, Coimbatore	06/08/2020
13	Shanmugavel A.	II	Quiz	Madurai Sivakasi Nadar Pioneer Meenakshi Womens College, Madurai	07/08/2020
14	Aravind B.	III	Webinar	Manakula Vinayagar Institute of Technology, Pondicherry	07/08/2020
15	Kathiresan C.	II	Webinar	Pantech Solutions, Coimbatore	07/08/2020
16	Ezhil Arasan S.	II	Quiz	Madurai Sivakasi Nadar Pioneer Meenakshi Womens College, Madurai	07/08/2020
17	Jeeva Pradeesh P.	II	Quiz	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	07/08/2020
18	Jeeva Pradeesh P.	II	Quiz	Shri Rajiv Gandhi Government College, Madhya Pradesh	08/08/2020
19	Jeevankumar S.	II	Quiz	Shri Rajiv Gandhi Government College, Madhya Pradesh	08/08/2020
20	Sakthi Shivani A.	II	Quiz	SVS College of Engineering, Coimbatore	10/08/2020
21	Rangaraji M.	II	Quiz	Maynaguri College, University of North Bengal	12/08/2020
22	Suvetha M.C.	II	Quiz	Maynaguri College, University of North Bengal	12/08/2020
23	Vasanth S.	II	Quiz	Maynaguri College, University of North Bengal	12/08/2020
24	Adithkrishna S.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
25	Bharathraj A.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
26	Dhanaseelan P.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
27	Arun Aswin R.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
28	Eswaramoorthi K.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
29	Hari Prasanth S.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020

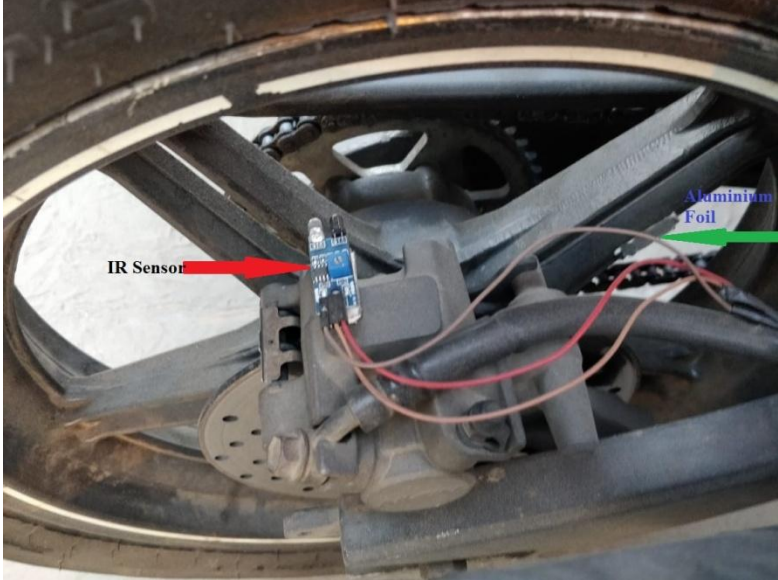
30	Jayasuriya B.	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
31	Harshineesakthi	IV	Webinar	RMD Engineering College, Kavaraipettai	12/08/2020
32	Aravind V.	II	Quiz	Department of Health and Family Welfare, West Bengal	12/08/2020
33	Jeeva Pradeesh P.	II	Quiz	Maynaguri College, University of North Bengal	12/08/2020
34	Krishna R.	II	Quiz	Maynaguri College, University of North Bengal	12/08/2020
35	Sakthi Shivani A.	II	Quiz	SVS College of Engineering, Coimbatore	14/08/2020
36	Prasanna K.	IV	Seminar	Gargi Memorial Institute of Technology, Kolkata	14/08/2020
37	Aravind B.	III	Webinar	Rao Bahadur Y.Mahabaleswarappa Engineering College, Karnataka	20/08/2020
38	JithendriyanS.	II	Quiz	Maharashtra Knowledge Corporation, Mumbai	20/08/2020
39	Sakthi Shivani A.	II	Quiz	SVS College of Engineering, Coimbatore	21/08/2020
40	Aravind B.	III	Webinar	Bannari Amman Institute of Engineering and Technology, Sathyamangalam	21/08/2020
41	Rahul Adarsh F.	III	Quiz	University Institute of Technology, Burdwan	23/08/2020
42	Radhika E.	II	Web Design	Free Code Camp	24/08/2020
43	Sachin A.R.	II	Web Design	Free Code Camp	24/08/2020
44	Sundaresan A.B.	II	Webinar	IGEN Nobel Lecture Series	25/08/2020
45	Shapthika Edward	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
46	Sharanya K.K.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
47	Sindhuja V.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
48	Vinothini G.	III	Webinar	Sreegopal Banerji College, West Bengal	25/08/2020
49	Srinath R.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
50	Venkatachalam K.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020

51	Balaji P.A.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
52	Bharathwaj N.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
53	Bhuvaneshwaran A.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
54	Boobalan P.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
55	Dhanush Priyan S.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
56	Dinesh C.	III	Webinar	IGEN Nobel Lecture Series	25/08/2020
57	Aakash V.	II	Webinar	IGEN Nobel Lecture Series	25/08/2020
58	Boobalan P.	III	Coding Challenge	Newton Coding School	29/08/2020
59	Karthikeyan C.	III	Coding Challenge	Newton Coding School	29/08/2020
60	Kiruthic P.	III	Coding Challenge	Newton Coding School	29/08/2020

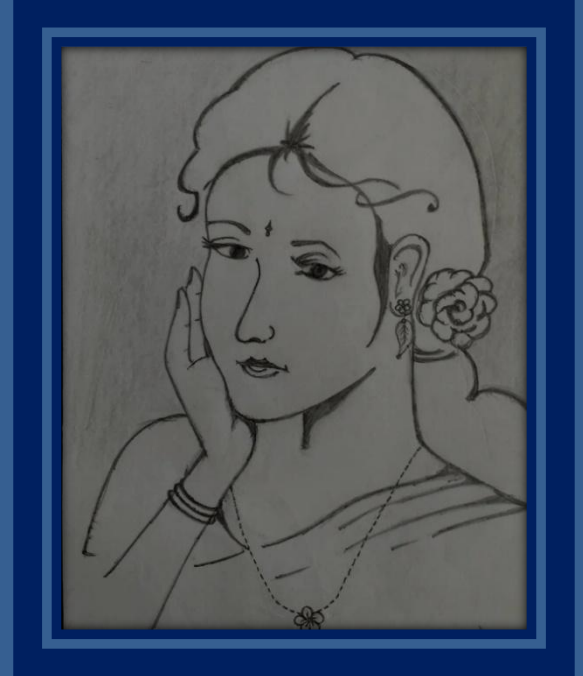
Placement Details

S.No.	Student Name	Organization
1	BALAJI S.	HEXAWARE TECHNOLOGIES
2	NAVEEN S.B.	HEXAWARE TECHNOLOGIES
3	SABAREESH M.	HEXAWARE TECHNOLOGIES
4	SARVESWARAN S.	HEXAWARE TECHNOLOGIES
5	DHANUSH KUMAR S.	HEXAWARE TECHNOLOGIES

Product Development

Product Title	AUTOMATIC SPEED LIMITING TECHNOLOGY FOR TWO WHEELER IN A RESTRICTED ZONE
Name of the Supervisor	Dr. S. Ravindran
Product Description	<p>An intelligent technology for two wheeler speed control in the pre-determined red zone area by controlling the engine electronically. The system work under two inputs one from the infrared sensor input and other from the transmitted signal to the receiver input to the Controller power by Arduino. The transmitting signal is received by the receiver in bike. The fuel injector line is get interrupt by a relay .The speed limit signal and speed of the bike is sent to controller. These two signals are compared in controller, if the speed of the bike is low when compared to speed limit then the relay does not operate (normally in closed condition) the fuel injector will operate. If it is vice versa the relay will operate and the fuel injector will not operate and the fuel injection will cut off. Then the bike engine will not get fuel and vehicle gets slow down. The relay remains operating till bike speed reaches the speed limit. This work is implemented and tested in YAMAHA R15 V2.0.</p>
Photograph of the Product	
Product Application	It can be used in the school, college, hospitals, high sensitive areas and rash driving vehicles.

Student's Corner

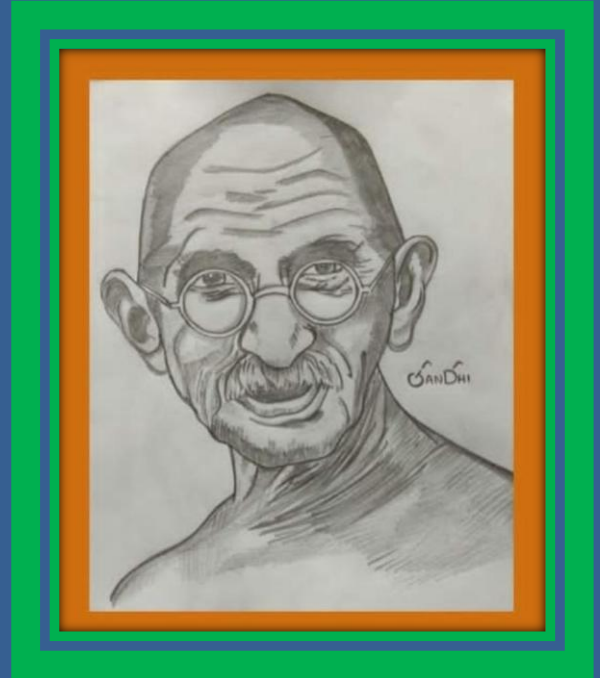


ART GALLERY



S.Gokul / III-EEE-A

Student's Corner



ART GALLERY



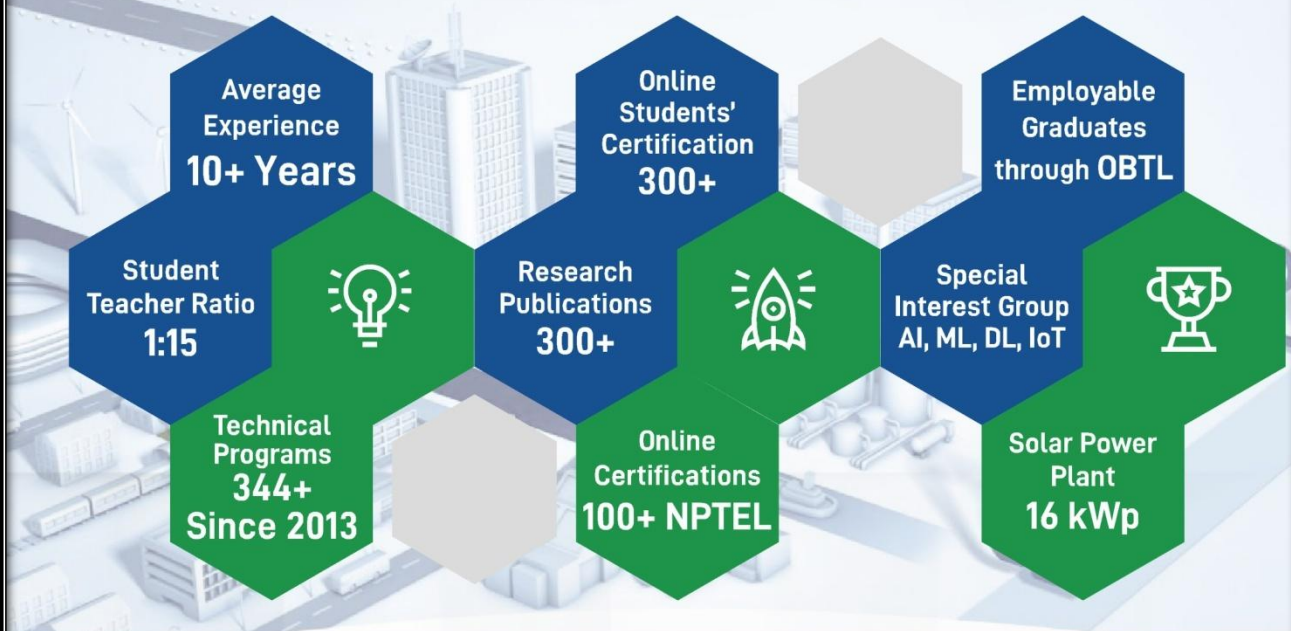
G.Vinothini / III-EEE-B



Department of Electrical and Electronics Engineering



Highlights of the Department



CONTACT

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KPR Institute of Engineering and Technology
Arasur, Coimbatore – 641 407.

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