Department of Electrical and Electronics Engineering
KPR Institute of Engineering and Technology

KPRIET
Learn Beyond

NEWSLETTER

ELECTROBLITZ

VOLUME 7, ISSUE 9
September 2021

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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.Mohana Sundaram	Professor
4.	Dr.R.Uthirasamy	Professor
5.	Dr.V.S.Chandrika	Associate Professor
6.	Dr.P.Pandiyan	Associate Professor
7.	Dr.A.Karthick	Associate Professor
8.	Mr.S.Vivekanandan	Assistant Professor (Sl.G)
9.	Mr.G.Saravanan	Assistant Professor (Sl.G)
10.	Mr.R.Sampathkumar	Assistant Professor (Sl.G)
11.	Dr.C.Pazhanimuthu	Assistant Professor (Sl.G)
12.	Dr.I.Baranilingesan	Assistant Professor (Sl.G)
13.	Dr.S.Ravindran	Assistant Professor (Sl.G)
14.	Dr.A.Matheswaran	Assistant Professor (Sl.G)
15.	Dr.V.Parimala	Assistant Professor (Sl.G)
16.	Mr.D.Sathish Kumar	Assistant Professor (Sr.G)
17.	Ms.B.Lalitha	Assistant Professor (Sr.G)

18.	Ms.R.Revathi	Assistant Professor (Sr.G)
19.	Mr.A.Mohamed Ibrahim	Assistant Professor (Sr.G)
20.	Mr.P.Ravikumar	Assistant Professor (Sr.G)
21.	Mr.V.Kamalkumar	Assistant Professor(Sr.G)
22.	Mr.C.J.Vignesh	Assistant Professor(Sr.G)
23.	Mr.K.Balamurugan	Assistant Professor
24.	Ms.P.Praveena	Assistant Professor
25.	Mr.C.Dinesh	Assistant Professor
26.	Mr.M.Mohana Sundaram	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.M.Soundharrajan	Lab Technician
6.	Mr.A.Nandhakumar	Office Assistant

ASSOCIATION ACTIVITIES

EEE Quiz

The department of Electrical and Electronics Engineering- IEEE Student Chapter organized an **"EEE Quiz"** on 02/09/2021 open to all, who are keen on fundamental of electrical and electronics engineering domain. The poster is circulated to various Institutions and in social media digitally. Participants from various Institutions, Universities have participated in this quiz. The participants who scored 50% and above were issued with Certificate of Appreciation.

Photo Contest 2021

The Department of Electrical and Electronics Engineering organized virtual event on **"Photo contest 2021"** during 10/09/2021. A heart-warming welcome address was delivered by Dr. A. Karthick, Associate Professor, Department of EEE and Inaugural Address by Dr. V. Kumar Chinnaiyan, Professor and Head, Department of EEE. Around 45 participants were participated from various schools and colleges from different part of the country.

The following themes were given for the participants

- Photo within photo
- Puddle reflections
- Look for the shadows
- Motion blur
- Candid
- Wide angle everything
- Natural geometry

The winners are awarded with surprise GIFTS and the event is concluded with vote of thanks by Prof. A. Mohamed Ibrahim, Assistant Professor (Sr.G), Department of EEE.

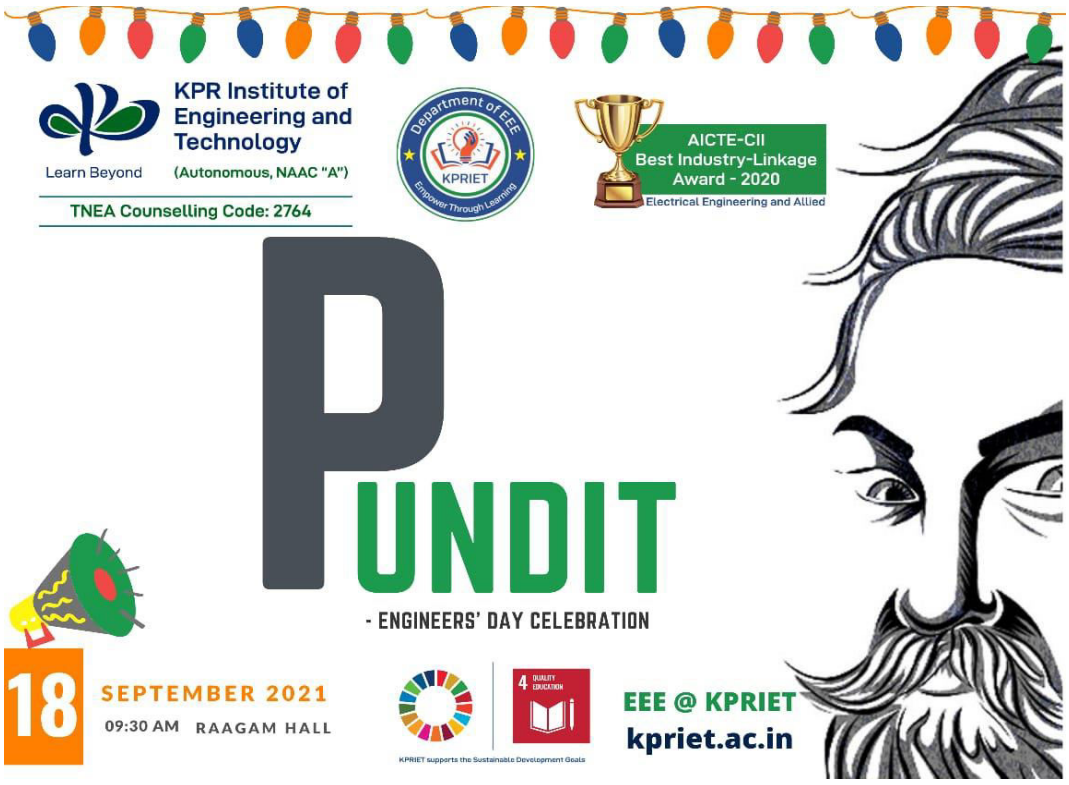
PUNDIT – Engineers Day Celebration

The Department of Electrical and Electronics Engineering organized Engineers' Day Celebration **"PUNDIT"** on 18/09/2021. A heart-warming welcome remark was delivered by Dr. R. Uthirasamy, Professor, Department of EEE and Inaugural Address by Dr. V. Kumar Chinnaiyan, Professor and Head, Department of EEE. As a celebration of Engineers' Day the ALUMNI presented their START UP @ KPRIET - eQUBZ and final year students shared their INTERN Life to their juniors. Prof. S. Vivekanandan, Assistant Professor (Sl.G), Department of EEE shared the information and happenings of EEE @ KPRIET.

The day is followed by few events such as

- Champs of EEE
- Technical Challenges
- Non – Technical Challenges and
- various fun events

The winners are awarded with surprise GIFTS and the event are concluded with vote of thanks by Prof.B.Lalitha Assistant Professor (Sr.G), Department of EEE.

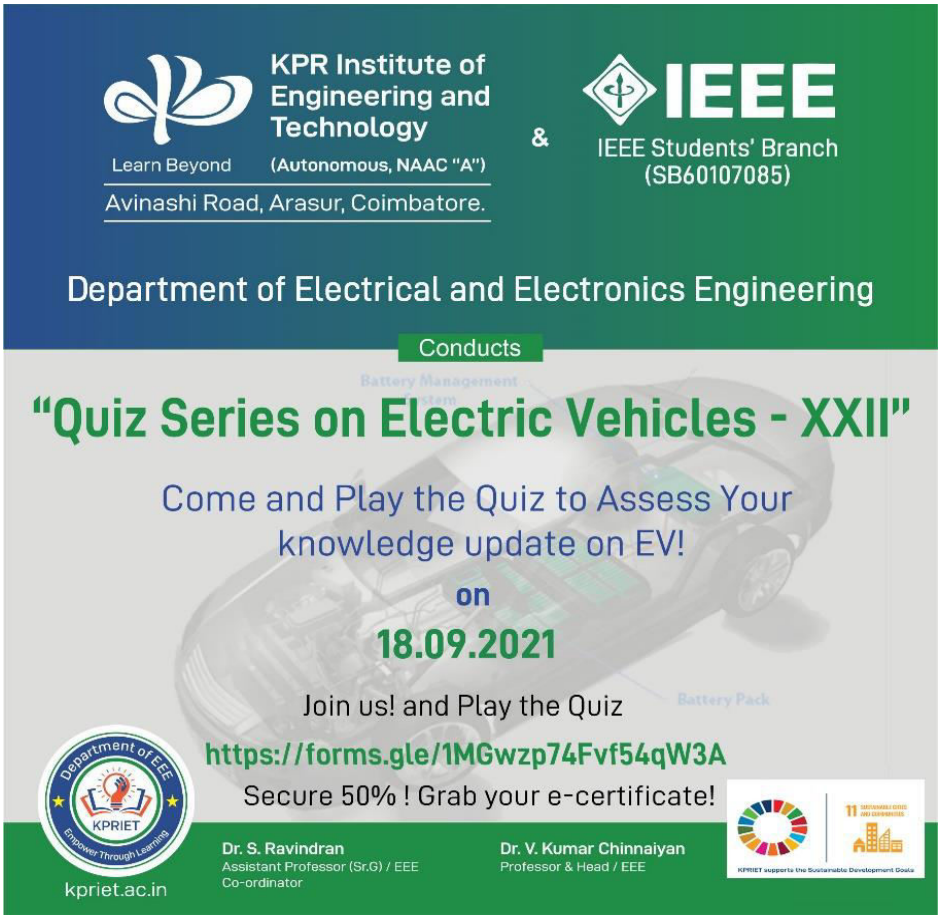


Quiz Series on Electric vehicles-XXII

The department of Electrical and Electronics Engineering organized a **"Quiz Series on Electric Vehicles – XXII"** on 18/09/2021 open to all, who are keen on emerging EV technologies. The poster is circulated to various Institutions and in social media digitally. Participants from various Institutions, Universities and Industries across India and foreign nations have participated in this quiz.

The details of the Program Participants are given below:

Total Participants	:	289
Participants cleared the quiz and received Certificate	:	219
Participants from other Nations, Institutions and Universities	:	216
Participants from KPRIET	:	73



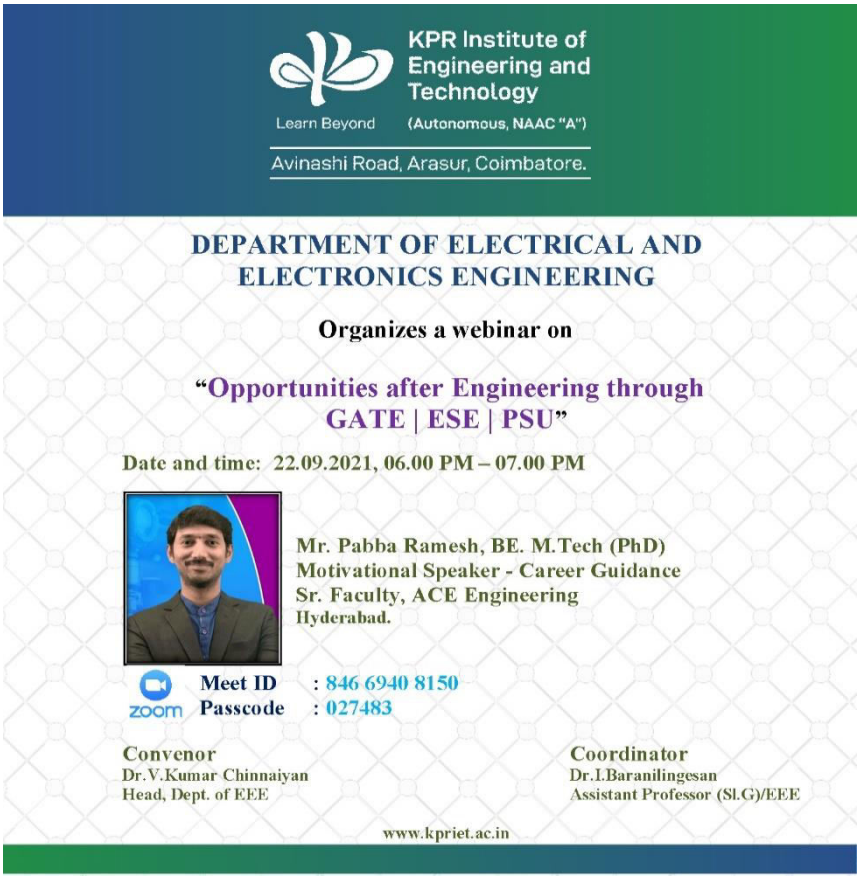
Webinar on "Opportunities after Engineering through GATE/ESE/PSU

The department of Electrical and Electronics Engineering organized a webinar on **"Opportunities after Engineering through GATE/ESE/PSU"** on 22/09/2021 for students' community. Dr. V. Kumar Chinnaiyan, Professor and Head, Department of EEE delivered a heart-warming welcome remark.

Er.Pabba Ramesh, BE., M.Tech (Ph.D) Motivational Speaker- Career Guidance, Sr.Faculty, ACE Engineering, Hyderabad presented the following deliberations,

- What is GATE Exam?
- Syllabus and Mark Split up for each section
- Results and cutoff for category wise
- Job Opportunities in India and Aboard trough GATE

Students expressed their gratitude towards the resource person for sharing his knowledge. 95 Participants along with the GATE 2022 registered students have attended the webinar. Dr.I. Baranilingesan, Assistant Professor (SL.G), Department of EEE proposed the vote of thanks.



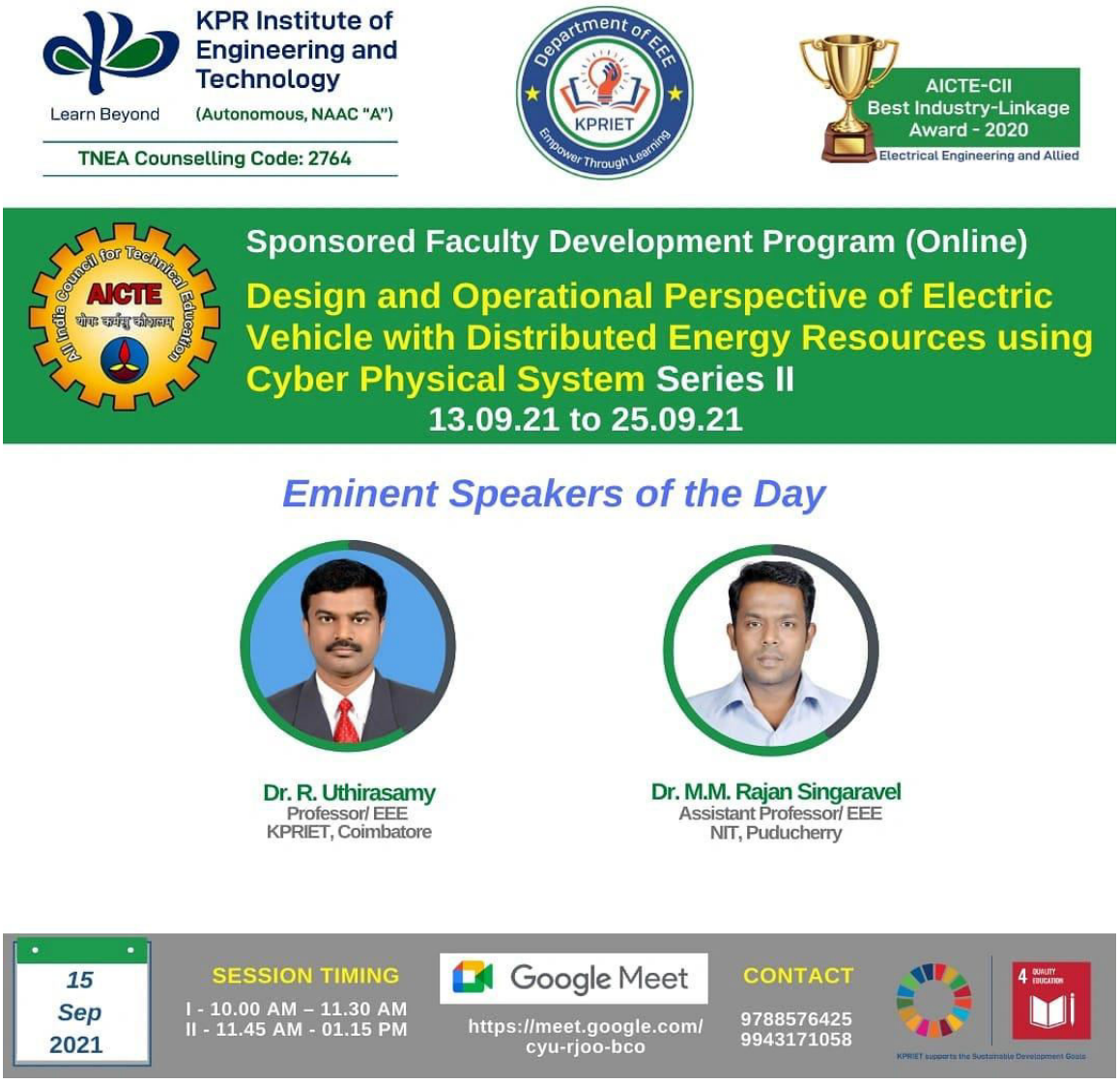
Seminar on Aviation and Robotics in Electrical Engineering

The department of Electrical and Electronics Engineering organized a seminar on **"Aviation and Robotics in Electrical Engineering"**, 23/09/2021. The student Mr.G.Maha Vishnu welcomed the gathering and Professor Dr.R.Uthirasamy felicitated the gathering. The resource person Dr. S. Arivazhagan, Innovation Officer, Aviation and Robotics Club, KPRIET, Coimbatore deliberated the sessions and gave glimpse about functional aspects of various aircrafts, different kind of drones, and competition resources and opportunities. He was elaborated the recent project work towards the drone for improving the performance of the drones and highlighted the importance and features of drones in real time applications.

Nearly 110 second year students from EEE department have benefited. He shared his own experiences and ignited the students to do the project work in the area of aircrafts and drones. The session was concluded with the vote of thanks delivered by Dr.C.Pazhanimuthu.

STTP on Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)

The department of Electrical and Electronics Engineering organized a AICTE Sponsored STTP on “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)” on 13/09/2021 to 25/09/2021. The speaker discussed on model-based system engineering is an efficient approach to specifying, designing, simulating and validating mechatronic systems. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.



Faculty Members Designated as Resource Person

- Dr. V. Kumar Chinnaiyan, Professor & Head from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled AICTE Sponsored STTP on "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)" at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- 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 "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)" at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Dr. R. Uthirasamy, Associate Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled AICTE Sponsored STTP on "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)" at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Dr. K. Mohana Sundaram, Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled AICTE Sponsored STTP on "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)" at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- 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 "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)" at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

- Dr. R. Sampath Kumar, 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 “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)” at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Dr. D. Sathishkumar, 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 “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)” at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Ms. B. Lalitha, 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 “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)” at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Dr. C. Palanimuthu, 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 “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)” at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Dr. P. Pandiyan, Associate Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled AICTE Sponsored STTP on “Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)” at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

❖ Dr. A. Karthick, Associate Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the STTP titled AICTE Sponsored STTP on "Design and Operational Perspective of Electric Vehicle with Distributed Energy Resources using Cyber Physical System (Series-II)" at KPR Institute of Engineering and Technology, Coimbatore on 13/09/2021 to 25/09/2021. Nearly 90 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

Publication by the Faculty Members

- Dr. Chandrika V S, "Sustainable Energy Harvesting for Self-Powered Micro/Nano Systems Enabled by Nanotechnology", Journal of Nuclear Energy Science & Power Generation Technology, Vol.10, Issue 9, September 2021.
- Dr. Karthick A, "Artificial Neural Network-Based Output Power Prediction of Grid-Connected Semitransparent Photovoltaic System", Environmental Science and Pollution Research, September 2021.
- D.Sathish Kumar, "Artificial Heavy-Duty Structural Technology for AI Mobile Robots to Control Dynamic Programming", International Journal of Aquatic Science ISSN: 2008-8019 Vol 12, Issue 02, 2021.

Patent Publication by the Faculty Members

- Mr. Saravanan G, "Resource Assistance for Learning Allocation to Multi Purpose Reinforcement for Unmanned Aerial Vehicles Using IoT Networks", Publication No. 202141039099, September 2021.

- Mr. Ravikumar P, "Robust Multi Authority Attributes Management System of Serverless Computing with Enhanced Reliability", Publication No. 202141039395, September 2021.

List of Eminent Academicians/Scientists Visit

S.No.	Name and Designation	Organization
1	Er.Pabba Ramesh, BE., M.Tech (Ph.D) Motivational Speaker- Career Guidance	ACE Engineering, Hyderabad
2	Er.G.S.Loganathan Senior Lead Engineer	Connected and Digital Platforms Mahindra and Mahindra Ltd Chengalpattu, Chennai
3	Dr.R.Mohanasundram Associate Professor	Department of Sofware Systems VIT, Vellore
4	Dr. R. Ananad Assistant Professor/EEE	School of Engineering Amrita Vishwa Vidyapeetham, Bengaluru
5	Dr.M.M.Rajan Singaravel Assistant Professor/EEE	National Institute of Technology, Puducherry
6	Dr.D.Madhan Mohan R&D Team Lead	HITACHI ABB Power Grids, Chennai
7	Mr. D. Saravanaprakash System Engineer	Robert Bosch, Coimbatore
8	Er.D.Vijayan Director	MD Automations and Controls, Chennai
9	Dr.B.Sumathy Associate Professor, Department of ICE	Sri Sai Ram Engineering College, Chennai
10	Dr. C. Santhana Lakshmi Assistant Professor (Sr.G)	Department of EEE Sona College of Technology, Salem
11	Er. Rajat B Goudar Energy Systems Engineer	Mitsubishi Electric Power Products, USA
12	Er.S.Hemavathi Scientist	CSIR, Chennai
13	Prof. Kasipandian Kasirajan Department of EEE	Faculty of Engineering and IT MAHSA University, Malaysia

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.V.Parimala	FDP	PALS VLAB	Indian Institute of Technology, Chennai	06/09/2021 - 08/09/2021

2	Dr.I.Baranilingesan	Short Term Course	Computational Intelligent Models for Electrical Engineering Applications	National Institute of Technology, Arunachal Pradesh	06/09/2021 - 10/09/2021.
3	Mr.R.Sampathkumar	Seminar	Qualitative & Quantitative Metrics in RAAF of NAAC	Rajalakshmi Engineering College, Chennai	17/09/2021
4	Dr.V.Parimala	Webinar	Applications of Artificial Intelligence	CMR Institute Of Technology, Bangalore	23/09/2021
5	Mr.C.Dinesh	STTP	Hybrid And Electric Vehicles: Development, Integration And Challenges	Erode Sengunthar Engineering College, Perundurai	20/09/2021 – 25/09/2021

Students Participation in Hands on Session/ Workshop/Seminar/Quiz/Paper Presentation

S. No	Student Name	Year	Event	Organizing Institute	Date
1	AAKASH M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
2	ABARNA C. V.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
3	AKILAN S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
4	ANBU RAM R.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
5	ARUN DAZZLE MIKE C.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
6	ARUN S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
7	BHARATHAN G.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
8	DHIVINKUMAR M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
9	DHIVYAA LAKSHMI S. M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021

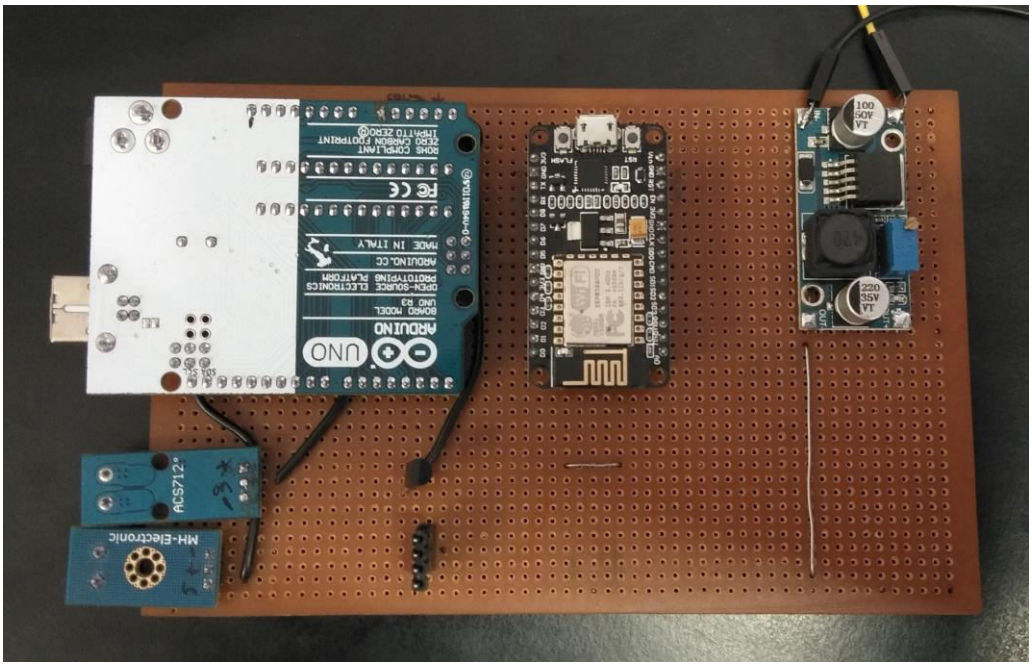
10	DIVYA DHARSHINI G.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
11	DONY ROBIN R.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
12	EVITA CHRISTY EDWARD	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
13	GOWTHAM S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
14	GOWTHAM S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
15	HARI HARA SUDHAN M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
16	HARSHINI S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
17	INDRAPRASHANTH T. S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
18	JANANI J.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
19	JONES BARNABAS P.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
20	KANDEEPAN A.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
21	KANISKAN G.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
22	KAPIL E S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
23	KARTHICK U.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
24	KATHIRAVAN P.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
25	KAVIYA S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
26	KAVIYARASU S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021

27	KOWSALYA M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
28	KRISHNAPRASANTH S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
29	LOGESH S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
30	MAHA VISHNU G.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
31	MAHESH R.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
32	MANASHA M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
33	MANOJ P.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
34	MANOJKANNAN S.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
35	MUKILAN M.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
36	MURUGAN P.	II-A	Online Quiz - Unsung Heroes of IT/ITES in India	Online – Ministry of Electronics and Information Technology, Government of India	07/09/2021 – 30/09/2021
37	JANANI J.	II-A	Indian's Freedom struggle	Online – MyGov Goa	07/09/2021 – 30/09/2021
38	KOWSALYA M.	II-A	Brain Teasers Quiz Event	KPR Institute of Engineering and Technology, Coimbatore	03/09/2021 – 15/09/2021

Student Placement Details

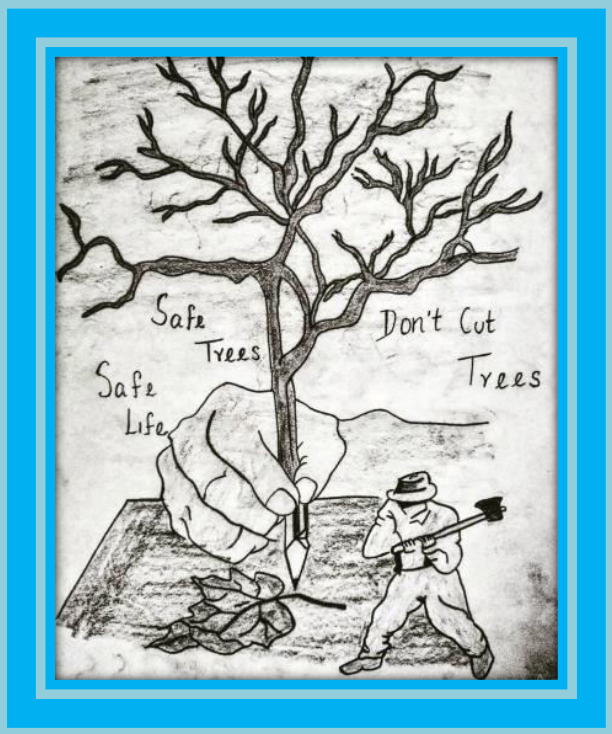
S.No.	Student Name	Organization
1	PREETHI S.	Jaro Education, Chennai
2	SUKEERTHAN M.	Jaro Education, Chennai

Product Development

Product Title	Low Cost Monitoring of Solar Photovoltaic Systems
Name of the Supervisor	Dr. A. Karthick/EEE
Product Description	**OBJECTIVES** ❖ To develop the low cost solar photovoltaic monitoring system ❖ The performance of the PV system is need to be monitored and the data to be stored. **METHODOLOGY** ❖ To monitor the performance of the PV system, prototype model is developed. ❖ The Arduino controller is used with several voltage and current sensor ❖ The Wi-Fi module is used to import and export the data to the cloud. **RESULTS AND DISCUSSION** ❖ The performance of the solar photovoltaic system is monitored. ❖ The output voltage and current of the PV system is measured using the sensor. ❖ The data is stored in the cloud.
Photograph of the Product	
Project Application	It can be used for the large scale PV system

Student's Corner

ART GALLERY



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Student's Corner

ART GALLERY

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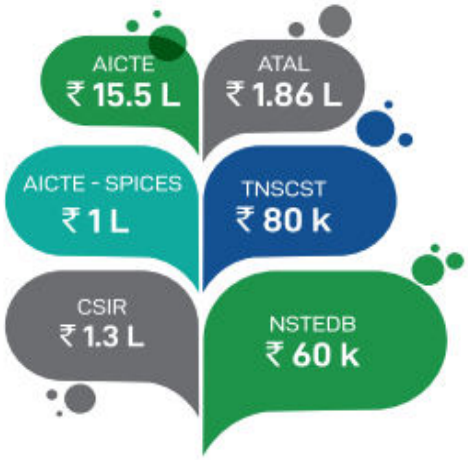
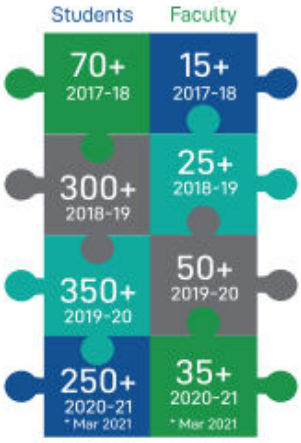
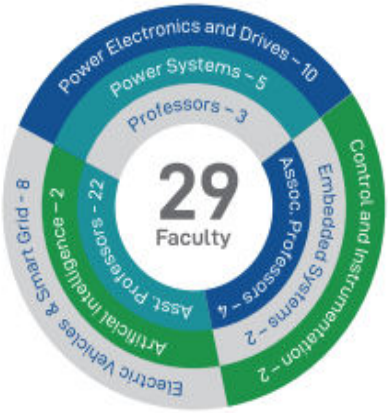
Funds Received



Internships



Faculty Details



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