

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



# NEWSLETTER



# ELECTROBLITZ

**VOLUME 7, ISSUE 2**  
**February 2021**

# EDITORIAL BOARD

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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.	Dr.A.Karthick	Associate Professor
8.	Mr.S.Vivekanandan	Assistant Professor (Sl.G)
9.	Mr.G.Sarvanan	Assistant Professor (Sl.G)
10.	Mr.R.Sampath Kumar	Assistant Professor (Sl.G)
11.	Dr.A.Gowri Shankar	Assistant Professor (Sl.G)
12.	Dr.C.Pazhanimuthu	Assistant Professor (Sl.G)
13.	Mr.D.Sathish Kumar	Assistant Professor (Sr.G)
14.	Ms.B.Lalitha	Assistant Professor (Sr.G)
15.	Ms.V.J .Vijayalakshmi	Assistant Professor (Sr.G)
16.	Ms.R .Revathi	Assistant Professor (Sr.G)
17.	Mr.A.Mohamed Ibrahim	Assistant Professor (Sr.G)

18.	Mr.P.Ravikumar	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

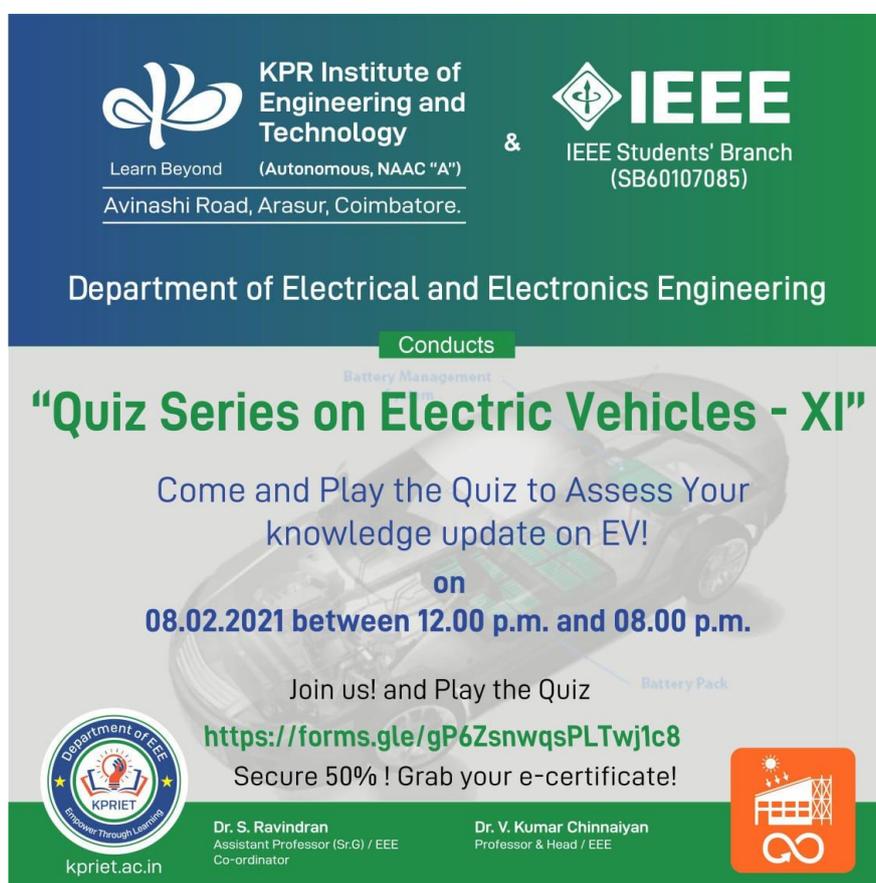
### Quiz Series on Electric Vehicles - XI

The department of Electrical and Electronics Engineering organized a “Quiz Series on Electric Vehicles – XI” on 08/02/2021 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 Institutions, Universities and Industries across India and foreign nations have participated in this quiz.

- This Quiz had 10 questions covering Electric Vehicle Technologies
- Each question carries 10 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	:	172
Participants cleared the quiz and received Certificate	:	160
Participants from other Nations, Institutions and Universities	:	143
Participants from KPRIET	:	29



The poster features a dark blue and green background. At the top left is the KPR Institute of Engineering and Technology logo with the tagline 'Learn Beyond' and '(Autonomous, NAAC "A")'. To its right is the IEEE logo and 'IEEE Students' Branch (SB60107085)'. Below these is the text 'Department of Electrical and Electronics Engineering' and 'Conducts'. The main title is 'Quiz Series on Electric Vehicles - XI' in large green font. Below it, the text reads 'Come and Play the Quiz to Assess Your knowledge update on EV! on 08.02.2021 between 12.00 p.m. and 08.00 p.m.' A QR code is provided with the URL 'https://forms.gle/gP6ZsnwqsPLTwj1c8' and the text 'Secure 50% ! Grab your e-certificate!'. At the bottom, there are logos for the Department of EEE, KPRIET, and a building icon with a circular arrow. The names and titles of the organizers, Dr. S. Ravindran and Dr. V. Kumar Chinnaiyan, are listed at the bottom.

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 Series on Electric Vehicles - XI"**

Come and Play the Quiz to Assess Your  
knowledge update on EV!  
on  
08.02.2021 between 12.00 p.m. and 08.00 p.m.

Join us! and Play the Quiz

<https://forms.gle/gP6ZsnwqsPLTwj1c8>  
Secure 50% ! Grab your e-certificate!

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

Dr. S. Ravindran  
Assistant Professor (Sr.G) / EEE  
Co-ordinator

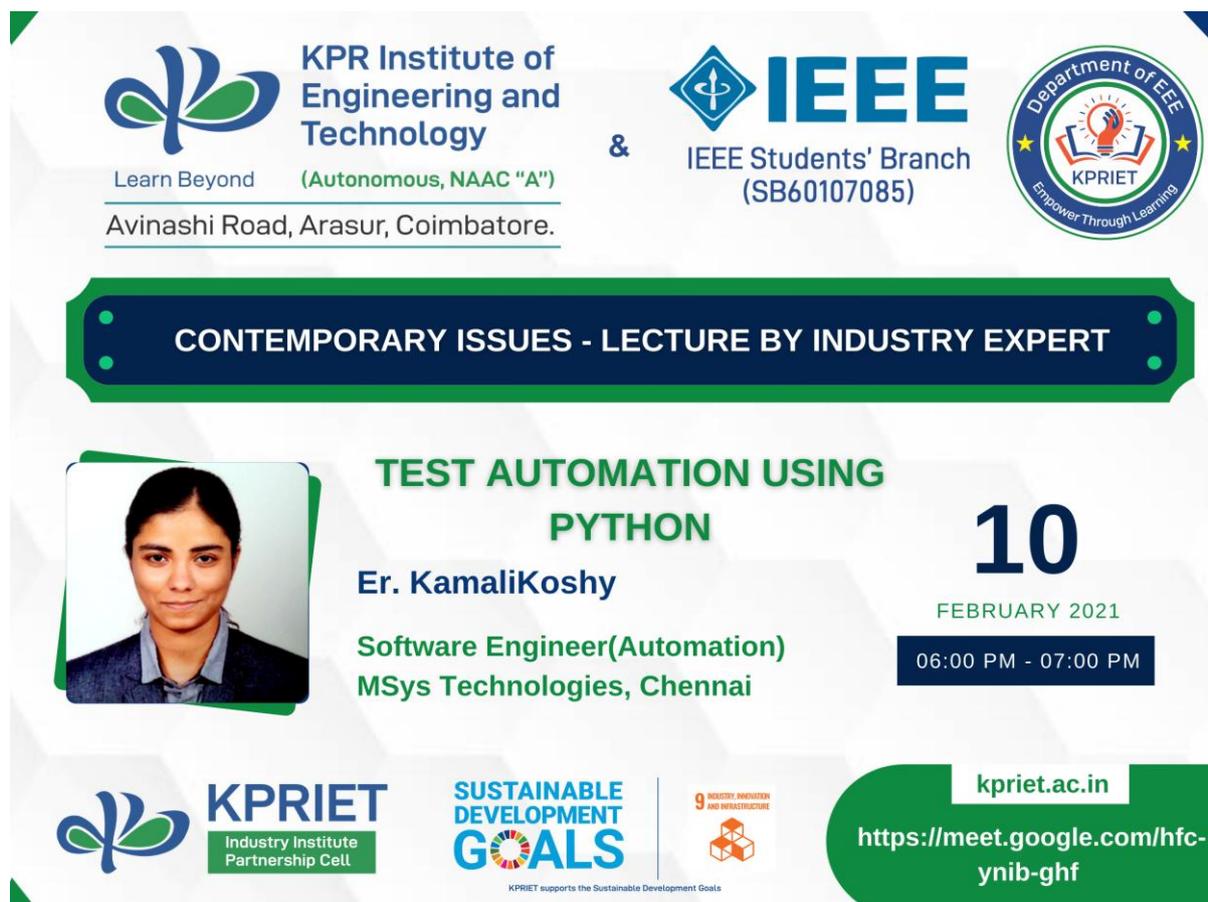
Dr. V. Kumar Chinnaiyan  
Professor & Head / EEE

## Lecture on Test Automation using Python

The department of Electrical and Electronics Engineering organized a lecture by industry expert “**Test Automation using Python**” on 10/02/2021 for students community. A heart-warming welcome remark was delivered by Prof.G.Saravanan, AP (SI.G)/EEE, Er.Kamalikoshy, Software Engineer (automation) - MSys Technology, Chennai, presented the following deliberations

- Need of Automation
- Python Coding
- Online Compiler
- Integration of Python in Hardware
- Job Opportunities

Students expressed their gratitude towards the resource person for knowledge which the resource person shared. This lecture is interesting for the students and 50 students attended. The session ended with vote of thanks delivered by Prof.C.Dinesh, AP/EEE.



The poster features the KPR Institute of Engineering and Technology logo with the tagline 'Learn Beyond' and '(Autonomous, NAAC "A")' at Avinashi Road, Arasur, Coimbatore. It also includes the IEEE logo and 'IEEE Students' Branch (SB60107085)', along with the Department of EEE logo at KPRIET. A central banner reads 'CONTEMPORARY ISSUES - LECTURE BY INDUSTRY EXPERT'. Below this is a portrait of Er. KamaliKoshy, a Software Engineer (Automation) at MSys Technologies, Chennai. The event is scheduled for 10 FEBRUARY 2021 from 06:00 PM to 07:00 PM. Logos for KPRIET Industry Institute Partnership Cell, Sustainable Development Goals, and Industry, Innovation and Infrastructure are also present. The website kriet.ac.in and a Google Meet link are provided at the bottom.

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

**IEEE**  
& IEEE Students' Branch (SB60107085)

Department of EEE  
KPRIET  
Empower Through Learning

**CONTEMPORARY ISSUES - LECTURE BY INDUSTRY EXPERT**

**TEST AUTOMATION USING PYTHON**

**Er. KamaliKoshy**  
Software Engineer(Automation)  
MSys Technologies, Chennai

**10**  
FEBRUARY 2021  
06:00 PM - 07:00 PM

**KPRIET** Industry Institute Partnership Cell

**SUSTAINABLE DEVELOPMENT GOALS**  
KPRIET supports the Sustainable Development Goals

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

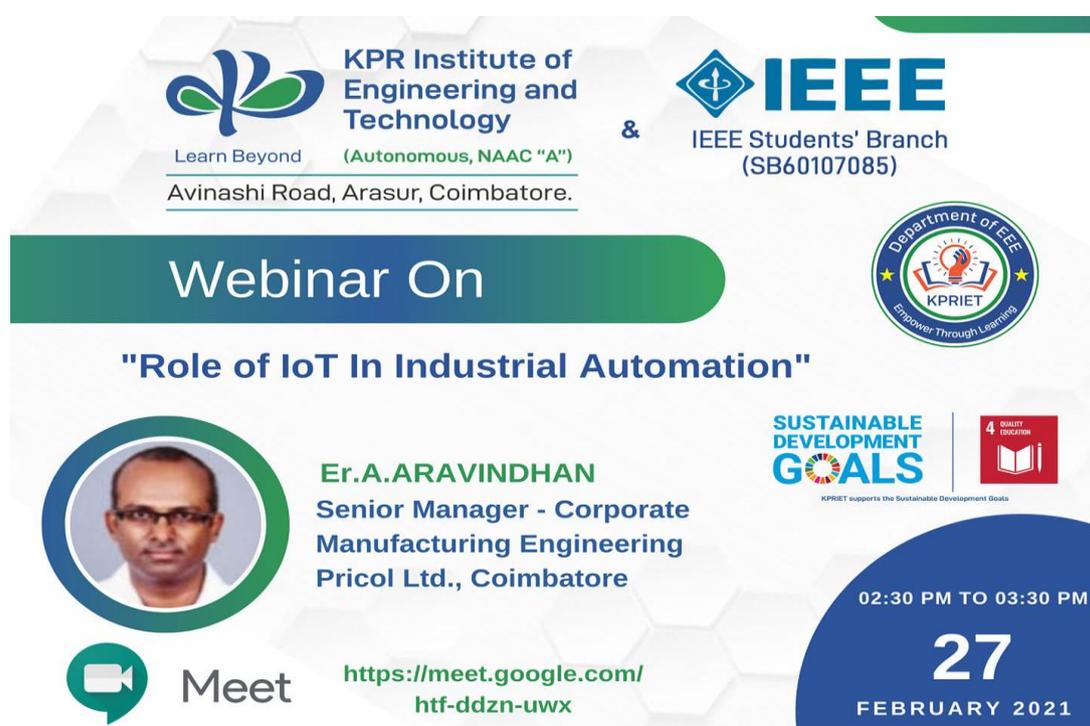
kriet.ac.in  
<https://meet.google.com/hfc-ynib-ghf>

## Webinar on Role of IoT in Industrial Automation

The department of Electrical and Electronics Engineering organized a webinar on “**Role of IoT in Industrial Automation**” on 27/02/2021 for students and faculty community. A heart-warming welcome remark was delivered by R.Kavipriya, student coordinator, Er.A.Aravindhan, Senior Manager- Corporate Manufacture Engineering, Pricol Ltd, Coimbatore, presented the following deliberations

- Industry 4.0
- Role of IoT in digitalization process
- Productivity improvement via IoT
- Benefits of IoT
- Future of IoT
- Job Opportunities

Students expressed their gratitude towards the resource person for knowledge which he shared. This webinar is interesting for the students and faculty members. 200 students attended the webinar and ignited themselves.



The banner features the KPR Institute of Engineering and Technology logo with the tagline 'Learn Beyond (Autonomous, NAAC "A")' and address 'Avinashi Road, Arasur, Coimbatore.' It also includes the IEEE logo and 'IEEE Students' Branch (SB60107085)'. The central text reads 'Webinar On "Role of IoT In Industrial Automation"'. A circular portrait of Er.A.ARAVINDHAN, Senior Manager - Corporate Manufacturing Engineering at Pricol Ltd., Coimbatore, is shown. Logos for 'Sustainable Development Goals' and 'Quality Education' are present. The event details are: 02:30 PM TO 03:30 PM on 27 FEBRUARY 2021. A 'Meet' icon and the Google Meet link <https://meet.google.com/htf-ddzn-uwX> are provided.

## ATAL FDP – I

The department of Electrical and Electronics Engineering organized an ATAL FDP on “Advancements in Electric Vehicle Technology - A Paradigm Shift” from 08/02/2021 to 12/02/2021 for faculty members. A heart-warming welcome remark was delivered by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE.

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

**Department of Electrical and Electronics Engineering**  
Organizes

**AICTE Training and Learning (ATAL) Academy Faculty Development Program (FDP)**  
On  
"Advancements in Electric Vehicle Technology - A Paradigm Shift"  
(08.02.2021 to 12.02.2021)

### Session Details

Date: 08/02/2021

09:30 AM - 11:00 AM

**Inauguration**

**Empowering EV in Indian Roads- Road Blocks and Way Forward**  
Er. S. Selva Kumar  
CEO, Power Projects, Porur, Chennai

11:30 AM - 01:00 PM

**Mitigation of Power Quality Issues in Grid Connected EV Systems**  
Dr.V. Kumar Chinnaiyan  
KPRIET, Coimbatore

02:00 PM - 03:30 PM

**Energy Storage System for Electric Vehicles**  
Dr. J. Karpagam  
KPRIET, Coimbatore

Date: 09/02/2021

09:30 AM - 11:00 AM

**Autonomous Vehicles**  
Dr.T. Anbalagan  
Project Manager, Robert Bosch Engineering and Business Solutions Pvt. Ltd., Coimbatore

09:30 AM - 11:00 AM

**Electrical Vehicle Charging Infrastructure and Its Impacts**  
Dr. S. Palanisamy, Associate Professor/EEE  
Vellore Institute of Technology, Vellore

11:30 AM - 01:00 PM

**Stress Management**  
Dr.B. Selvaraj  
Professor  
Government Arts College  
Coimbatore

Date: 10/02/2021

02:00 PM - 03:30 PM

**High Frequency Converters for Electric Vehicles**  
Dr. R. Uthirasamy  
KPRIET, Coimbatore

02:00 PM - 03:30 PM

**Stability Analysis of Electric Drives under various Loading Conditions**  
Dr. G. Janaki  
Senior Project Officer  
Teaching Learning Centre, IIT, Madras

11:30 AM - 01:00 PM

**Energy Management Strategies of Electric Vehicles**  
Prof. V.J. Vijayalakshmi  
KPRIET, Coimbatore

Date: 11/02/2021

09:30 AM - 11:00 AM

**Electric Transportation and Fast Charging Solutions**  
Er. Suresh Thangavel  
Global Application Manager  
Infineon Technologies India Pvt.Ltd., Germany

02:00 PM - 03:30 PM

**Energy Management Schemes for Charging Stations using IoT**  
Er. P. Prasanth Kumar  
Haritha TechLogix  
Bangalore

11:30 AM - 01:00 PM

**V2G and G2V in Electric Vehicles**  
Dr.Umashankar Subramaniam  
Associate Professor, Renewable Energy Lab  
Department of Communications and Networks Engineering,  
College of Engineering Prince Sultan University, Riyadh, Saudi Arabia

Date: 12/02/2021

02:00 PM - 03:30 PM

**PV Integrated Charging Stations for Plug-in Electric Vehicles**  
Prof.P. Ravikumar  
KPRIET, Coimbatore

11:30 AM - 01:00 PM

**Embedded Controllers for Electric Vehicle Technology**  
Dr. S. Moorthi,  
Associate Professor/EEE  
National Institute of Technology, Tiruchirappalli

**CONTACT:**  
9788576425,9943171058  
[kpriet.ac.in](http://kpriet.ac.in)

Meet

## ATAL FDP – II

The department of Electrical and Electronics Engineering organized an ATAL FDP on “**Advancements in Battery management Systems and its Applications**” from 22/02/2021 to 26/02/2021 for faculty members. A heart-warming welcome remark was delivered by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE.

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

**Department of Electrical and Electronics Engineering**  
Organizes

**AICTE Training and Learning (ATAL) Academy Faculty Development Program (FDP)**  
On  
"Advancements in Battery Management Systems and Its Applications"  
(22.02.2021 to 26.02.2021)

	Session I	Session II	Session III
22/02/2021	<b>Battery System Engineering- Overview</b> <p>Er.J.S. Kirubaaharan Executive Engineer Nippon Auditorionix, Nodia</p>	<b>Advancement in BMS and its Applications</b> <p>Mr.R. Raj Kumar Senior Applications Engineer VI Solutions,Bangalore</p>	<b>Battery System Models</b> <p>Prof.S. Vivekanandan KPRIET, Coimbatore</p>
23/02/2021	<b>Storage System-Technology and Implementation</b> <p>Dr. V. Karthikeyan Associate Professor/EEE National Institute of Technology, Calicut</p>	<b>EV Design with Charge Controllers</b> <p>Dr.P.Maruthupandi, Professor/EEE Government College of Technology, Coimbatore</p>	<b>Consequences and Protection Mechanisms</b> <p>Prof. G. Saravanan KPRIET, Coimbatore</p>
24/02/2021	<b>Lithium-Ion Battery Management</b> <p>Er.K. Prakash Project Manager, ABB Power Technology Service Private Limited, Chennai</p>	<b>Battery Management System for Automobile Sectors</b> <p>Dr.S. Kumaravel Associate Professor/EEE National Institute of Technology, Calicut</p>	<b>ANN-based Energy Management Renewable Power System</b> <p>Dr.K. Mohana Sundaram KPRIET, Coimbatore</p>
25/02/2021	<b>Simple Ways to Manage Stress</b> <p>Dr.N. Gunasekaran KPRIET, Coimbatore</p>	<b>Battery Management System for Electric Vehicles</b> <p>Dr. R. L. Josephine Assistant Professor/EEE National Institute of Technology, Tiruchirappalli</p>	<b>Advancements in Battery Technology</b> <p>Dr.S. Ravindran KPRIET, Coimbatore</p>
26/02/2021	<b>Battery Technology for CO2 Reduction</b> <p>Dr.I.Baranlingesan KPRIET, Coimbatore</p>	<b>Electrochemical Energy Storage Technology: A Long Journey !</b> <p>Dr. P. Ragupathy Principal Scientist CSIR - CECRI, Karaikudi</p>	<b>Organizing Committee</b> <p>Dr.V. Kumar Chinnaiyan Dr.J. Karjagan Dr.R. Uthirassamy Prof.V. J. Vijayalakshmi Prof. P. Ravi Kumar</p>

**CONTACT**  
9788576425  
9943171058

**SESSION TIMING**  
I - 9:30 AM – 11:00 AM  
II - 11:30 AM – 01:00 PM  
III - 02:00 PM - 03:30 PM

## ISTE Sponsored Webinar on Role of IoT and Sensors for Sustainable Smart City Applications

The Department of Electrical and Electronics Engineering of KPR Institute of Engineering and Technology conducted the ISTE Sponsored Webinar on “**Role of IoT and Sensors for Sustainable Smart City Applications**” on 27/02/2021. Ms.R.Revathi, AP (Sr.G), Department of EEE, KPR Institute of Engineering and Technology welcomed the gathering and the Head of the Department, Dr. V. Kumar Chinnaiyan, Department of EEE, KPR Institute of Engineering and Technology, felicitated the function, Dr. M. Akila, Principal, KPR Institute of Engineering and Technology, also delivered the inaugural address

and Dr. A.M. Natarajan, Chief Executive, KPR Institute of Engineering and Technology presided over the function. The resource person for the webinar was Er.A.R.Aruneshwar, Embedded Developer, Sai Incubation Centre, Coimbatore, delivered the lecture on Introduction to IoT and Smart Sensors in the forenoon session. The resource person gave the brief explanation about the IoT based Advanced Metering Infrastructure (AMI), Micro Grids and its Challenges. He shared his project experience related to IoT in smart city applications, which was very much helpful to the participants to proceed further research work. He gave many ideas on how to proceed the research work with the help of Hardware and Software tools in the afternoon session. The sessions are very interactive and responsive, gave excellent technical inputs towards the queries from the participants. On the day two, Prof.G.Saravanan, AP (Sl.G), Department of EEE, KPR Institute of Engineering and Technology, Coimbatore handled the sessions on IoT in Electric Vehicle (EV) applications in the forenoon session. He also delivered the session on Relevance to Industries in Coimbatore and Employment Opportunities in the field of IoT in the next session. Prof.J.Sevugan Rajesh, Assistant Professor, Amrita College of Engineering and Technology, Nagercoil, delivered the session on IoT based Smart Home Automation and Healthcare Applications in the afternoon session. Nearly 95 participants from various organizations attended the webinar program. The co-ordinators of the program Prof. R. Revathi, Assistant Professor (Sr.G) and Prof. C.J. Vignesh, Assistant Professor, Department of Electrical & Electronics Engineering made all the necessary arrangements for the smooth conduct of the program. The program was concluded with the feedback session. Prof. C.J. Vignesh, delivered the vote of thanks.

## Department of Electrical and Electronics Engineering

TIME

9.30 AM

FEBRUARY 2021

27

SATURDAY

**ISTE Sponsored**  
**WEBINAR**

### "Role of IoT and Sensors for Sustainable Smart City Applications"



**Er. A.R. Aruneshwar**

Embedded Developer  
Sai Incubation Centre,  
Coimbatore



**Prof. J. Sevugan Rajesh**

Assistant Professor  
Department of EEE  
Amrita College of Engineering  
and Technology, Nagercoil



WE SUPPORT THE SUSTAINABLE  
DEVELOPMENT GOALS



**Prof. G. Saravanan**

Assistant Professor (Sl.G)  
Department of EEE  
KPR Institute of Engineering and  
Technology, Coimbatore



**Google meet link:**

[meet.google.com/mvp-wfgw-izm](https://meet.google.com/mvp-wfgw-izm)

**FOR REGISTRATION**

<https://forms.gle/gjTd4WjtJUFdPRSq7>



#### Convenor

Dr.V.Kumar Chinnaiyan, Professor & Head/EEE

#### Organizers

Ms.R.Revathi, AP(Sr.G)/EEE  
Mr.C.J.Vignesh, AP/EEE

[kpriet.ac.in](http://kpriet.ac.in)

#KPRIET #EEEKPRIET

## 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 ATAL FDP on "Mitigation of Power Quality Issues in Grid Connected EV Systems" at KPR Institute of Engineering and Technology, Coimbatore on 8<sup>th</sup> February 2021.

2. Dr. R. Uthirasamy, Associate Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "High Frequency Converters for Electric Vehicles" at KPR Institute of Engineering and Technology, Coimbatore on 9<sup>th</sup> February 2021.

3. Dr.J.Karpagam, Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "Energy Storage

System for Electric Vehicle” at KPR Institute of Engineering and Technology, Coimbatore on 10<sup>th</sup> February 2021.

4. Ms. V.J. Vijayalakshmi, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on “Energy Management Strategies of Electric Vehicles” at KPR Institute of Engineering and Technology, Coimbatore on 11<sup>th</sup> February 2021.

5. Mr. P. Ravikumar, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on “PV Integrated Charging Stations for Plug-in Electric Vehicles” at KPR Institute of Engineering and Technology, Coimbatore on 12<sup>th</sup> February 2021.

6. Mr.S.Vivekanandan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on “Battery System Models” at KPR Institute of Engineering and Technology, Coimbatore on 22<sup>nd</sup> February 2021.

7. Mr.G.Saravanan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person ATAL FDP on “Consequences and Protection Mechanisms” at KPR Institute of Engineering and Technology, Coimbatore on 23<sup>rd</sup> February 2021.

8. Dr.K.Mohanasundaram, Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person ATAL FDP on “ANN based Energy Management and Renewable Power System” at KPR Institute of Engineering and Technology, Coimbatore on 24<sup>th</sup> February 2021.

9. Dr.S.Ravindran, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person ATAL FDP on “Advancements in Battery Technology” at KPR Institute of Engineering and Technology, Coimbatore on 25<sup>th</sup> February 2021.

10. Dr.I.Baranilingesan, Assistant Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on “Battery Technology for CO2 Reduction” at KPR Institute of Engineering and Technology, Coimbatore on 26<sup>th</sup> February 2021. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

## List of Eminent Academicians/Scientists Visit

S.No.	Name and Designation	Organization
1	Er.KamaliKoshy, Software Engineer	MSys Technologies, Chennai
2	Er.J.S.Kirubaaharan, Executive Engineer	Nippon Audiotronix Private Limited, Noida
3	Mr.R.Rajkumar, Senior Applications Engineer	VI Solutions, Bangalore
4	Dr.V.Karthikeyan, Associate Professor	National Institute of Technology, Calicut
5	Dr.P.Maruthupandi, Professor	Government College of Technology, Coimbatore
6	Er.K.Prakash, Project Manager	ABB Power Technology Service Private Limited, Chennai
7	Dr.S.Kumaravel, Associate Professor	National Institute of Technology, Calicut
8	Dr.R.L.Josephine, Assistant Professor	National Institute of Technology, Tiruchirappalli
9	Dr.P.Ragupathy, Principal Scientist	CSIR - CECRI, Karaikudi
10	Er.A.Aravindhan, Senior Manager	Corporate Manufacturing Engineering Pricol Limited, Coimbatore
12	Prof.J.Sevugan Rajesh, Assistant Professor	Amrita College of Engineering and Technology, Nagercoil
13	Er.A.R.Aruneshwar, Embedded Developer	Sai Incubation Centre, Coimbatore
14	Er.S.Selva Kumar, CEO	Power Projects, Porur, Chennai
15	Dr.T.Anbalagan, Project Manager	Robert Bosch Engineering and Business Solutions Private Limited, Coimbatore
16	Dr.G.Janaki, Senior Project Officer	Teaching Learning Centre, Indian Institute of Technology, Madras
17	Dr.S.Moorthi, Associate Professor	National Institute of Technology, Tiruchirappalli
18	Er.Suresh Thangavel, Global Application Manager	Infineon Technologies India Private Limited, Germany
19	Dr.B.Selvaraj, Professor	Government Arts College, Coimbatore
20	Er.P.Prasanth Kumar, Chief Technical Officer	Haritha TechLogix, Bangalore
21	Dr.Umashankar Subramaniam, Associate Professor	College of Engineering Prince Sultan University, Riyadh, Saudi Arabia



## 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.C.Pazhanimuthu	ATAL FDP	Smart Grid	Vellore Institute of Technology, Vellore	01/02/2021 - 05/02/2021
2	Ms.R.Revathi	Training Course	MATLAB Onramp	Mathworks	06/02/2021
3	Ms.R.Revathi	Quiz Series	Electric Vehicles - XI	KPR Institute of Engineering and Technology, Coimbatore	08/02/2021
4	Ms.R.Revathi	NPTEL AICTE FDP	DC Microgrid and Control Systems	NPTEL	10/02/2021
5	Dr.S.Ravindran	Webinar	Career opportunities in Machine Learning and AI	Jagannath University, Rajasthan	11/02/2021
6	Mr.S.Vivekanandan	Workshop	Simulation Software for Electrical Engineers	Swami Keshvanand Institute of Technology, Management, Rajasthan	08/02/2021 - 12/02/2021
7	Dr.C.Pazhanimuthu	FDP	Renewable Energy Systems	Sriram Engineering College, Chennai	08/02/2021 - 12/02/2021
8	Ms.R.Revathi	ATAL FDP	Advancements in Battery Management Systems and its Applications	KPR Institute of Engineering and Technology, Coimbatore	22/02/2021 - 26/02/2021
9	Mr.A.Mohamed Ibrahim		Train the Trainers	Bosch, Bangalore	22/02/2021 - 26/02/2021
10	Mr.R.Sampathkumar	FDP	Research Opportunities in Power Engineering	M.Kumarasamy College of Engineering, Karur	25/02/2021 - 26/02/2021
11	Mr.D.Sathish Kumar	FDP	Research Opportunities in Power Engineering	M.Kumarasamy College of Engineering, Karur	25/02/2021 - 26/02/2021
12	Ms.B.Lalitha	FDP	Research Opportunities in Power Engineering	M.Kumarasamy College of Engineering, Karur	25/02/2021 - 26/02/2021
14	Mr.A.Mohamed Ibrahim	FDP	Research Opportunities in Power Engineering	M.Kumarasamy College of Engineering, Karur	25/02/2021 - 26/02/2021



## Students Paper and Project Presentation

S.No	Name of Student	Year	Event Name	Venue	Date
1	Nivedhitha A	IV – B	CSIR – CECRI (National Science Day – 2021)	Submitted the Innovative Idea Proposal	-

## Student Internship Details

S.No.	Student Name	Organization	Month
1	Krishna Kumar J.	V.G.K Foods, Panruti, Cuddalore.	February 2021
2	Mariesh M.	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
3	Nesamani P.	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
4	Surendhar D.	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
5	Naveen Arockia Raj P	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
6	Prasanna K.	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
7	Tamilamsan R.	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
8	Nivas J.	Lakshmi Electrical Control Systems Limited, Coimbatore	February 2021
9	Krishna Kumar J.	Sri Ragavendra Control System, Coimbatore	February 2021

## Students Awards and Achievement

S.No	Name of Student	Year	Event Name	Venue	Prize
1	Darsini K. Emily aangel D. Keerthana R Nandhini S  Boomika K. Radhika E	III – A  II – A II – B	Quiz for PALS- Nexgen 3D Hackathon	Virtual Mode	Cleared the Preliminary Quiz Round of Hackathon

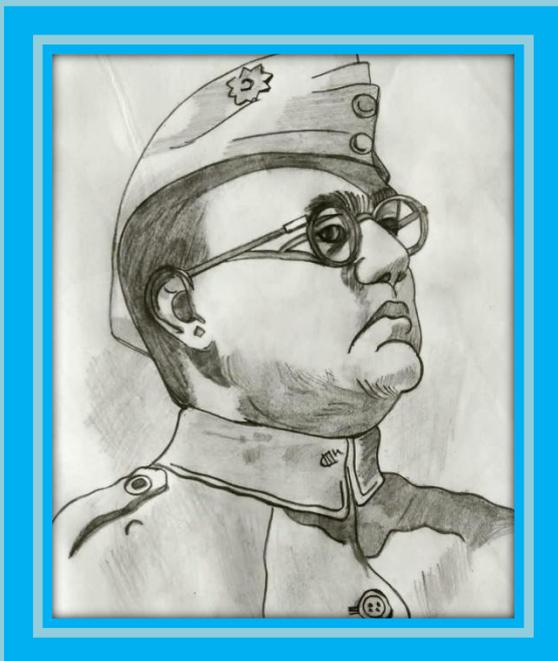
## Student Placement Details

S.No.	Student Name	Organization
1	AISHWARYAA R.	HEXAWARE TECHNOLOGIES, CHENNAI
2	ASHOK S.	HEXAWARE TECHNOLOGIES, CHENNAI
3	BALA SURYA T.	HEXAWARE TECHNOLOGIES, CHENNAI
4	BALAJI P. A.	HEXAWARE TECHNOLOGIES, CHENNAI
5	DINESH C.	HEXAWARE TECHNOLOGIES, CHENNAI
6	EMILY AANGEL D.	HEXAWARE TECHNOLOGIES, CHENNAI
7	GOKUL D.	HEXAWARE TECHNOLOGIES, CHENNAI
8	SRI HARISH A.	HEXAWARE TECHNOLOGIES, CHENNAI
9	THANGAVELU R.	HEXAWARE TECHNOLOGIES, CHENNAI
10	JEEVA N.	ION EXCHANGE, CHENNAI
11	AJITH KUMAR M.	LAKSHMI ELECTRICAL CONTROL SYSTEMS, COIMBATORE
12	MARIESH M.	LAKSHMI ELECTRICAL CONTROL SYSTEMS
13	NESAMANI P.	LAKSHMI ELECTRICAL CONTROL SYSTEMS
14	SURENDHAR D.	LAKSHMI ELECTRICAL CONTROL SYSTEMS
15	NAVEEN AROCKIA RAJ P.	LAKSHMI ELECTRICAL CONTROL SYSTEMS
16	PRASANNA K.	LAKSHMI ELECTRICAL CONTROL SYSTEMS
17	TAMILARASAN R.	LAKSHMI ELECTRICAL CONTROL SYSTEMS
18	DHANUSH KUMAR M.	ENSURANZZ, COIMBATORE
19	DHANUSH KUMAR S.	ENSURANZZ, COIMBATORE
20	HARIHARAN S.	ENSURANZZ, COIMBATORE
21	KHARTHIK PANDIYAN S.	ENSURANZZ, COIMBATORE
22	YUVANESH K.	ENSURANZZ, COIMBATORE
23	DIVAGAR N.	MARK ENGINEERING, GUJARAT
24	NIVAS J.	SRI RAGAVENDRA CONTROLS SYSTEM, COIMBATORE
25	KESAVARAJAN P.M.	QSPIDERS, KARNATAKA
26	KHARTHIK PANDYAN S.	QSPIDERS, KARNATAKA
27	KOWSALYA P.	QSPIDERS, KARNATAKA
28	DHANASEELAN P.	SSKV TECH BUILDS, TIRUPUR

# Student's Corner



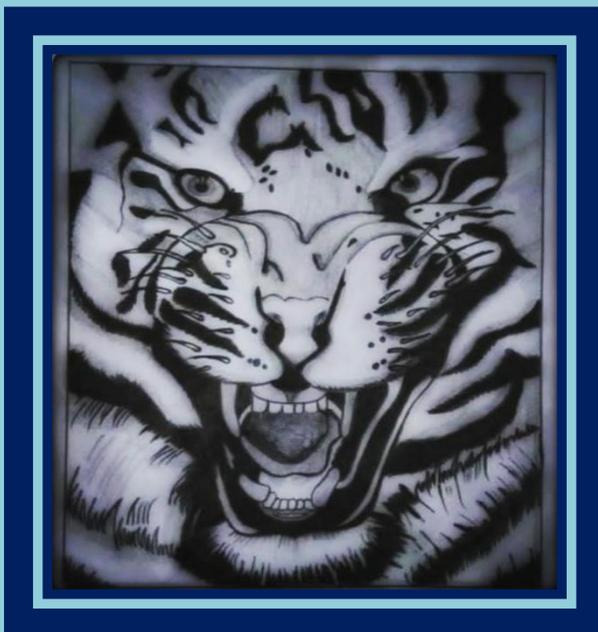
## ART GALLERY



# Student's Corner



## ART GALLERY



G.Vinothini / III-EEE-B



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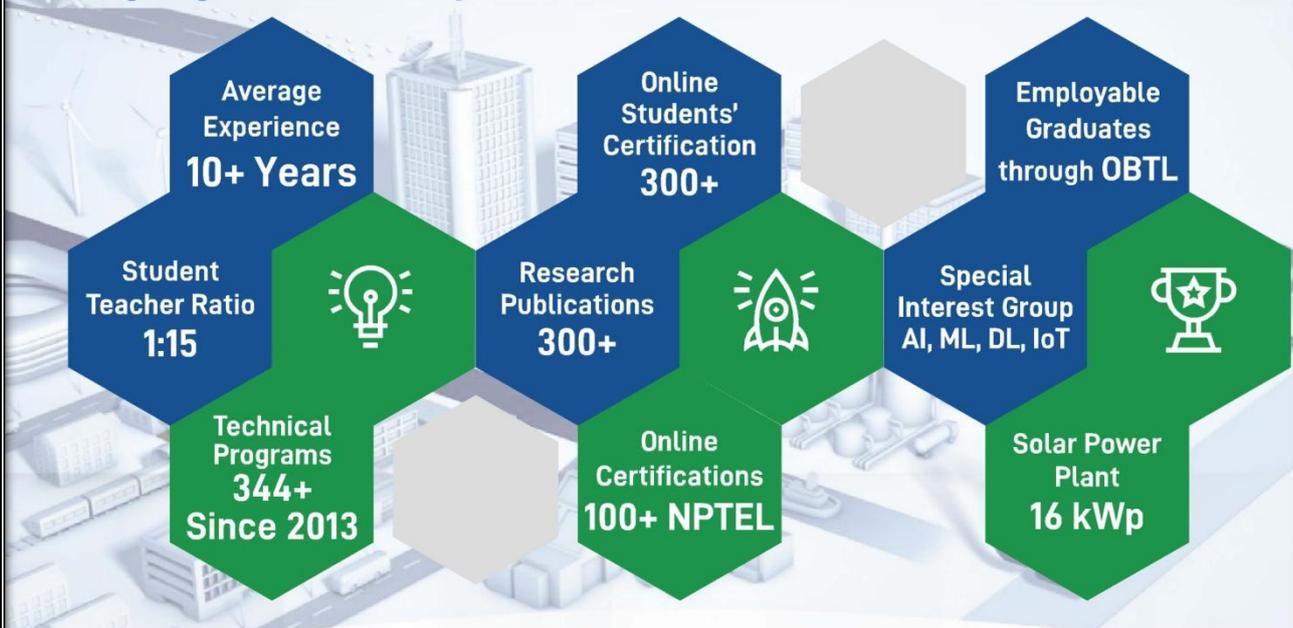
## Department of EEE

is sanctioned with  
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**AICTE Scheme for Promoting  
Interests, Creativity and Ethics among  
Students (SPICES) for academic year  
2020 - 2021**



### Highlights of the Department



#### CONTACT

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