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Paper format: IEEE Double Column Format

### **IMPORTANT DATES TO REMEMBER:**

Last Date for submission paper: :21/03/2020

Paper acceptance Notification :23/03/2020

Last date for registration : 25/03/2020

### **REGISTRATION FEE:**

Industrial Participants : Rs.1000 /-

Academicians / Research Scholars: Rs.500/-

UG/PG Students : Rs.300/-

### **FOR RTGS/NEFT TRANSFER:**

Name : KPR Institute of Engineering and Technology  
Account No : 10920200043757  
IFSC code : FDRL0001092  
Bank : Federal Bank  
Branch : Variety Hall Road, Coimbatore.



Registration form may also be submitted through link: [shorturl.at/EVWX2](http://shorturl.at/EVWX2) or scan QR Code

### **ABOUT THE CONFERENCE**

The Fifth edition of this national conference is intended to provide an opportunity for the students and faculty members for upgrading their knowledge in innovations, recent trends and applications of all domain areas of engineering and technology. The best paper will be awarded with certificate in each session.

### **Topics within the scope of the conference include the following areas, but not limited to**

- Artificial Intelligence
- Automobile Engineering
- Augmented Reality
- Battery Management System
- Composite and Smart Materials
- Cyber Physical Systems
- Data Science for Power Systems
- Deep Learning
- DBMS and Grid Computing
- Electric Vehicles/Hybrid Electric Vehicles
- Energy Conservation and Auditing
- Energy Management and Power Quality
- Embedded System Applications
- FACTS, HVDC
- Green Computing
- Internet of Things
- Machine Learning
- MEMS and Nanotechnology
- Modeling and Simulation
- Network Security System
- Optimization Techniques
- Power Electronic Converters
- PLC, SCADA, HMI and VFD
- Renewable Energy and its Applications
- Robotics, Automation and Control
- Sensor and Transducers
- RFID Systems and Applications
- Satellite Technology
- Smart Grid/Distributed Generation
- Smart Sensor and Mobile Computing
- Soft Computing and Image Processing
- Thermal Image Analysis
- Virtual Reality
- VLSI Design Technology
- Wireless Communication
- All other Emerging areas of Electrical Engineering and Technology

## **Fifth National Conference on “Innovations and Advancements in Electrical Sciences” (NCIAES’20)**

**28<sup>th</sup> March, 2020**

**Organized by**

**Department of  
Electrical and Electronics Engineering  
(Accredited by NBA)**



**KPR INSTITUTE OF ENGINEERING  
AND TECHNOLOGY**

(Autonomous)

Arasur, Avinashi Road, Coimbatore - 641 407



**In Association with**



### ABOUT THE INSTITUTION

The KPR Institute of Engineering and Technology (KPRIET) was established in the year 2009. The institution is promoted by KPR Group, a renowned business house in India with interest in Textiles, Wind Energy and Sugar. The main focus is to offer quality education to the younger generation to strengthen our nation in the field of Engineering and Technology. Our institution is approved by AICTE and affiliated to Anna University, Chennai. The institution offers 7 UG courses in B.E./B.Tech – Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Science, Electrical & Electronics Engineering, Engineering Electronics & Communication Engineering, Mechanical Engineering, and 4 PG courses in M.E. - CAD/CAM, VLSI Design, Computer Science and Engineering and Structural Engineering, and Ph.D. courses in CSE, ECE, Civil, Mechanical, Physics, Chemistry. The vision is to become a premier Engineering and Technological Institute of Academic excellence through its commitment in offering value based education to its students and to improve their Technical, Intellectual and Professional skills in order to enable them to meet the diverse needs and challenges of the society, the Nation and the World at large. The Institution has been accredited by NAAC with 'A' grade and 5 UG programs (CIVIL, CSE, ECE, EEE and Mechanical Engineering) have been accredited by NBA, New Delhi. The college is recognized under 2(F) and 12 B.

### ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was one of the first few disciplines started at the time of inception. The department offers UG with the total sanctioned strength of 120 students. The department has eight well-equipped laboratories and four special centre for skill upgradation. The sheer hard work and enthusiasm of the faculty and students of the department has helped in making it one of the best departments on campus. The department believes in serious academic pursuit and encourages radical and original thinking which paves the way for creativity and innovative ideas. The zeal and fervor with which the department is working will surely help it to achieve further success. There are about 27 Faculty members in our department. Among them 6 are Ph.D. holders and 16 of them are pursuing Ph.D. Many of the students from our department got university ranks and we achieved placement record of about 96% for current batch. The department is permanently affiliated to Anna University.

### ORGANIZING COMMITTEE

Chief Patron	:	<b>Shri. K.P. Ramasamy</b> <i>Chairman</i>
Patron(s)	:	<b>Dr. A. M. Natarajan</b> <i>Chief Executive</i> <b>Dr. M. Akila</b> <i>Principal</i>
Convenor	:	<b>Dr. V. Kumar Chinnaiyan</b> <i>Professor and Head / EEE</i>
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### Contact Details:

**The Convenor- NCIAES'20**  
Department of EEE  
KPR Institute of Engineering and Technology  
Arasur, Coimbatore – 641 407  
Mobile: 9655445823, 7708223839

### Vision of the Department

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 of the Department

- ❖ 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**.

### Fifth National Conference

### on “Innovations and Advancements in Electrical Sciences” (NCIAES'20)

28<sup>th</sup> March, 2020

### REGISTRATION FORM

Name :  
Designation :  
Organization :  
Educational :  
Qualification(s) : UG / PG / Ph.D.  
Paper ID :  
Address for  
Communication :  
  
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