

Topics of Discussion

- ✓ Recent trends in switch-gear protection schemes
- ✓ Operation and maintenance techniques of CBs
- ✓ Detailed structure of panel wiring
- ✓ Study of relays and advanced contactors for industrial applications

Resource Persons:

Experts from Sunrise Automation / faculty from reputed institutions and internal faculty.

Intended Audience:

Academicians, Research Scholars, Industry Personnels, Undergraduate and Postgraduate students.

Registration details:

Faculty/Research Scholars : Rs.350/-
UG/PG Students : Rs.250/-

The participants can send their duly filled registration form and sponsoring certificate to the convener along with demand draft drawn in favor of “**KPR Institute of Engineering and Technology**”, payable at **Coimbatore**.

For RTGS/NEFT Transfer:

Name : **KPR Institute of Engineering and Technology**
Account No : **1122135000011955**
IFSC code : **KVBL0001122**
Bank : **Karur Vysya Bank**
Branch : **RS Puram, Coimbatore**

Registration form may also be submitted through link below or scan QR Code

<https://goo.gl/gt5mQw>



Organizing Committee

Chief Patron : **Shri. K.P. Ramasamy**
Chairman
Patrons : **Dr. A.M.Natarajan**
Chief Executive
: **Dr. K. Bommanna Raja**
Principal
Convener : **Dr.V.Kumar Chinnaiyan**
Professor and Head / EEE
Coordinators : **Prof. G.Saravanan**
: **Prof. A.Gowrishankar**
: **Er.K.Balamurugan**

Important Dates

Last date for submission of application : 01.08.2018
Acceptance Notification : 02.08.2018

Note: Accommodation will be provided in the college hostel on chargeable basis.

Address for the Correspondence

Mr.G.Saravanan

Assistant Professor (SL.G) / EEE
Department of Electrical and Electronics Engineering
KPR Institute of Engineering and Technology
Arasur, Coimbatore – 641 407, Tamilnadu.
Mobile No: +91 9655445823, +91 9677626432
Email Id: g.saravanan@kpriet.ac.in

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.

One Day National Level Workshop On **Recent Trends in Power System Protection**

4th August, 2018



Organized by

Department of Electrical and Electronics Engineering



KPR Institute of Engineering
and Technology

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai - 25)
Accredited by NBA (CSE, ECE, EEE & MECH) and NAAC with 'A' Grade
Arasur, Coimbatore - 641 407

In Association with



About the institution:

The KPR Institute of Engineering and Technology (KPRIEnT) 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 6 UG courses in B.E. – Biomedical Engineering, Mechanical Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Computer Science and 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 4 UG programs (CSE, ECE, EEE and Mechanical Engineering) have been accredited by NBA, New Delhi.**

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. 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 30 Faculty members in our department. Among them 8 are Ph.D. holders and 10 of them are pursuing Ph.D. Many of the students from our department got university ranks and we achieved placement record of about 97.5% for 2013-2017 batch.

About the Workshop:

Electricity is an important part of our life. However, when it comes to electricity distribution, it needs to be done in a safe and secure manner. It entails several handling hazards, which, when not done safely, can easily turn into a deadly trap. There are times when accidents and mishaps happen due to the lack of safety at different power distribution units. To maintain the security levels at all distribution units and sub stations, it is critical to install safety devices and mechanisms. While there are many mechanisms that help in safeguarding electrical connections at residential and industrial areas, switchgear is one of the most popular ones due to its various functions and features.

This work shop deals with the comprehensive and systematic description of protection schemes, analysis of protection tripping and relay setting calculations. Protection of transformers, bus bars, dynamic testing of numerical generator protection relays and protection audit of generating stations are also covered in the workshop. The protection philosophy as per the available guidelines and the setting procedures of different types of relays will also be dealt with.

Outcome of the Workshop:

The outcome of the workshop provides an interest among participants in the field of various switch gear protection schemes.

After successful completion of this workshop, the participants will be able to,

- ✓ Understand the importance of switch gear protection schemes
- ✓ Apply the knowledge in maintenance and operation of Circuit Breakers (CBs)
- ✓ Use the panel wiring concepts in low, medium and high voltage protection systems.
- ✓ Prioritize the relays and contactors for different current ratings
- ✓ Select the suitable relays and contactors for various applications.

One Day National Level Workshop On **Recent Trends in Power System Protection**

4th August, 2018

Registration Form

Name :
Designation/Dept :
Institution/Organization :
Educational Qualifications :
Address for
Communication :
Mobile Number :
E-mail ID :
Payment Details (DD. No.) :
Amount :
Date :
Bank Name :
Accommodation required : Yes/No

Signature of participant

Sponsorship Certificate

Mr/Ms/Dr _____
_____ is an employee /student of our
Institute/Organization and is hereby sponsored. She/he will be permitted to attend the seminar if selected.

Place:

Date: _____ **Signature of the Sponsoring Authority**