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# GURU NANAK INSTITUTE OF TECHNOLOGY

**City Office:** B2, 2<sup>nd</sup> Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

**Campus:** Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

## ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Date :25-7-2014

### CIRCULAR

All the students of Dept. of EEE are here by informed that a one day workshop on **“SWITCH GEAR & PROTECTION RELAYS”** is planned to conduct on **5/8/2014** in our department .All the third year and final year students are informed to utilize this opportunity. The last date to register is on or before **2-8-2014**.



**HOD-EEE**

#### Circulate to:

1. III .BTech EEE
2. IV B.Tech EEE





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## ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

### A one day workshop on “SWITCH GEAR & PROTECTION RELAYS”

on 5/8/2014

PROGRAM SCHEDULE

Venue :Net Works Lab

**Day-1 :5-8-2014**

10:00AM	Invite Guests on to the Dias
10:05AM	Prayer Song
10:10AM	Speech by Guests
10:25AM	Session-I
12:00PM	Break
12:10PM	Continuation of Session I
1:00PM	Lunch Break
1:45PM	Session II
2:50PM	Tea Break
3:00PM	Continuation of Session II
4:00PM	End of the first day Session

  
**HOD-EEE**



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AICTE - New Delhi



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Hyderabad's First  
campus to become  
  
**GOLD PARTNER**

**Chief Patrons**  
Sri.Gagan Deep Singh Kohli

Patron  
**Dr.S.Sreenatha Reddy**  
Principal

Convener  
**Mr.Kuldip Singh**  
Head of the Department  
Co-ordinator  
**K Janardhan Rao**  
Assoc.Prof.,Dept. of EEE

**Organizing Committee**

- 1.**T.Manidhar** Asst.Prof
- 2.**V.David** Asst.Prof
3. **N. Sridhar Reddy** Asst.Prof

**Registration Form**

A One-Day Workshop on  
“**Switch Gear and  
Protection**”

**5<sup>th</sup> August ,2014**

- 1.Name :
- 2.Department :
- 3.Name of the Institution :
- 4.Contact No:
- 5.Email :
- 6.Adress for Communication:

Signature of the Applicant

Date:

A One-Day Workshop on  
“**Switch Gear and  
Protection**”

**5<sup>th</sup> August ,2014**



**Organized by**  
Department of  
**Electrical and Electronics Engineering**



**Guru Nanak Institute of Technology**  
Ibrahimpatnam,Khanapur village,RR Dist.

[www.gnithyd.ac.in](http://www.gnithyd.ac.in)

### **About College:**

The Guru Nanak Institute of Technology (GNIT), Ibrahimpatnam is approved by AICTE, New Delhi, Government of Andhra Pradesh and Affiliated to Jawaharlal Nehru Technological University, Hyderabad.

The Guru Nanak Institute of Technology (GNIT) offers B. Tech degree in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information Technology, Mechanical Engineering and Civil Engineering. It was established for imparting engineering education and for promoting technological research to generate technical manpower in various areas of engineering and technology. Since its inception, the college is committed to the cause of technical up gradation.

Guru Nanak Institute of Technology is an element college of Guru Nanak Institutions, Hyderabad and a premier institution that takes the Challenging task of engineering and technological world and continuing as a pioneer in the field of education.

### **About Department:**

Electrical and Electronics Engineering has an enormous and widespread impact on our daily lives. From power stations to electric vehicle charging, telecom networks to computing infrastructures, electronic systems, the world of entertainment and industry are designed and operated by Electrical Engineers.

Hence, Electrical and Electronics becomes a core branch of Engineering, creating the technology and systems of the future demands vision and technical expertise.

The department of Electrical and Electronics Engineering was established in the year 2011, with an annual intake of 60 students, and is fully equipped with highly sophisticated equipments and modernized laboratories.

The department has well qualified and experienced Professors, Associate Professors and Assistant Professors who are experts in their own disciplines. They aim for educating and training the students with sound knowledge and awareness on latest trends in the field of Electrical and Electronics Engineering.

### **Eligibility :**

This program is open to all the students of approved engineering colleges.

#### **Registration:**

1. Registration fee :100
2. Interested candidates can email the scanned copy of registration form to [hod.eee@gniindia.org](mailto:hod.eee@gniindia.org) and submit the original while attending the programme.
3. Participants are limited to 50 .selection will be based on first come first serve basis.
4. Spot registrations also encouraged.

#### **Important Dates**

**Last date of registration :5-9-2015**

### **Contact**

**Mr. Kuldip Singh**

Professor & HOD

Departments of Electrical and  
Electronics Engineering

Mobile No :98492016786

**K.Janardhan Rao**

Asst.Prof.

**Mobile no:98497 01873**

Report on  
A one day workshop on  
**“SWITCH GEAR & PROTECTION RELAYS”**  
on **5/8/2014**

**VENUE:SEMINAR HALL, GURU NANAK INSTITUTE OF TECHNOLOGY**

Introduction to Low Tension Switchgear

Contactors: Construction, Operation and Selection Demo on Contactor , Various Causes on Motor Failure ,Thermal Overload Relay- Construction, Operation and Application ,Demonstration and Testing of BMR .

AC Motor Starter- Overview & Demonstration (Wiring of DOL, SASD,FASD Starter) ,HRC Fuses: Role, Types , Switches- Role and Features ,Demonstration of Fuses, Switches, SDFs, MCCB- Introduction →,Demonstration of MCCB

ACB- Role, Operation, Types, Features and Application → Understanding and Identification of various parts of ACB → Overview of MCB & RCCB Conceptual Details in a brief manner:  
Introduction to LV System: The International Electrotechnical Commission (IEC) defines supply system low voltage as voltage in the range 50–1000 V AC or 120–1500 V DC. In electrical power systems low voltage most commonly refers to the mains voltages as used by domestic and light industrial and commercial consumers. "Low voltage" in this context still presents a risk of electric shock, but only a minor risk of electric arcs through the air.

  
**HOD-EEE**

