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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 :15-9-2016

### CIRCULAR

All the students of Dept. of EEE are here by informed that a two day workshop on “E-CAD” in association with NSIC is planned to conduct from 23-09-2016 to 24-9-2016 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 **20-9-2016**.

HOD-EEE

#### Circulate to:

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



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## ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

### A Two-Day workshop on “E-CAD”

on 23<sup>rd</sup> & 24<sup>th</sup> Sep,2016

### PROGRAM SCHEDULE

Venue :seminar hall

#### Day-1 :23-9-2016

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



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Day-2: **24-9-2016**

09:30 AM	Session-II
11:30AM	Break
11:45AM	Continuation of Session II
1:00PM	Lunch Break
1:45PM	Session IV
2:45PM	Break
2:55PM	Continuation of Session IV
4:00PM	Valedictory Function

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*Sri.Gagan Deep Singh Kohli*

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

*Convener*  
**Dr.Mrutyunjay Das**  
*Head of the Department*  
*Co-ordinator*  
**T.Manidhar**  
*Assoc.Prof.,Dept. of EEE*

**Organizing Committee**

- 1.D.K Chaitanya Asst.Prof*
- 2.Ch .Sriram Asst.Prof*
- 3.Lizi Joesph Asst.Prof*
- 4.R.Jagan Asst.Prof*
- 5.A Ranganadh Asst.Prof*

**Registration Form**

A Two-Day Workshop on  
“E-CAD”

**23<sup>rd</sup> & 24<sup>th</sup> September ,2016**

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

Signature of the Applicant

Date:

A Two-Day Workshop  
on  
“E-CAD”

**23<sup>rd</sup> & 24<sup>th</sup> September ,2016**



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



**Guru Nanak Institute of Technology**  
Ibrahimpattam,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.

### **About Workshop:**

The main objective of this workshop is to develop a preliminary insight of Electrical Computer Aided Design (ECAD) Tools employed for the design and development of electrical systems. This two-day ECAD workshop incorporates basic & fundamental design flows employed in the design & development of transformers, electrical machines, circuit layout design.

### **Eligibility :**

This program is open to all the students of affiliated 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 :20-9-2018**

### **Contact**

**Dr.Mrutyunjay Das**

Professor & HOD

Departments of Electrical and

Electronics Engineering

Mobile No :82491 41534

**T. Manidhar**

Assoc.Prof.

Mobile no:94402 78907

**Report on**  
**A Two-Day workshop on**  
**“E-CAD”**  
on 23<sup>rd</sup> & 24<sup>th</sup> Sep,2016

**Venue:** Seminar Hall, Guru Nanak Institute of Technology

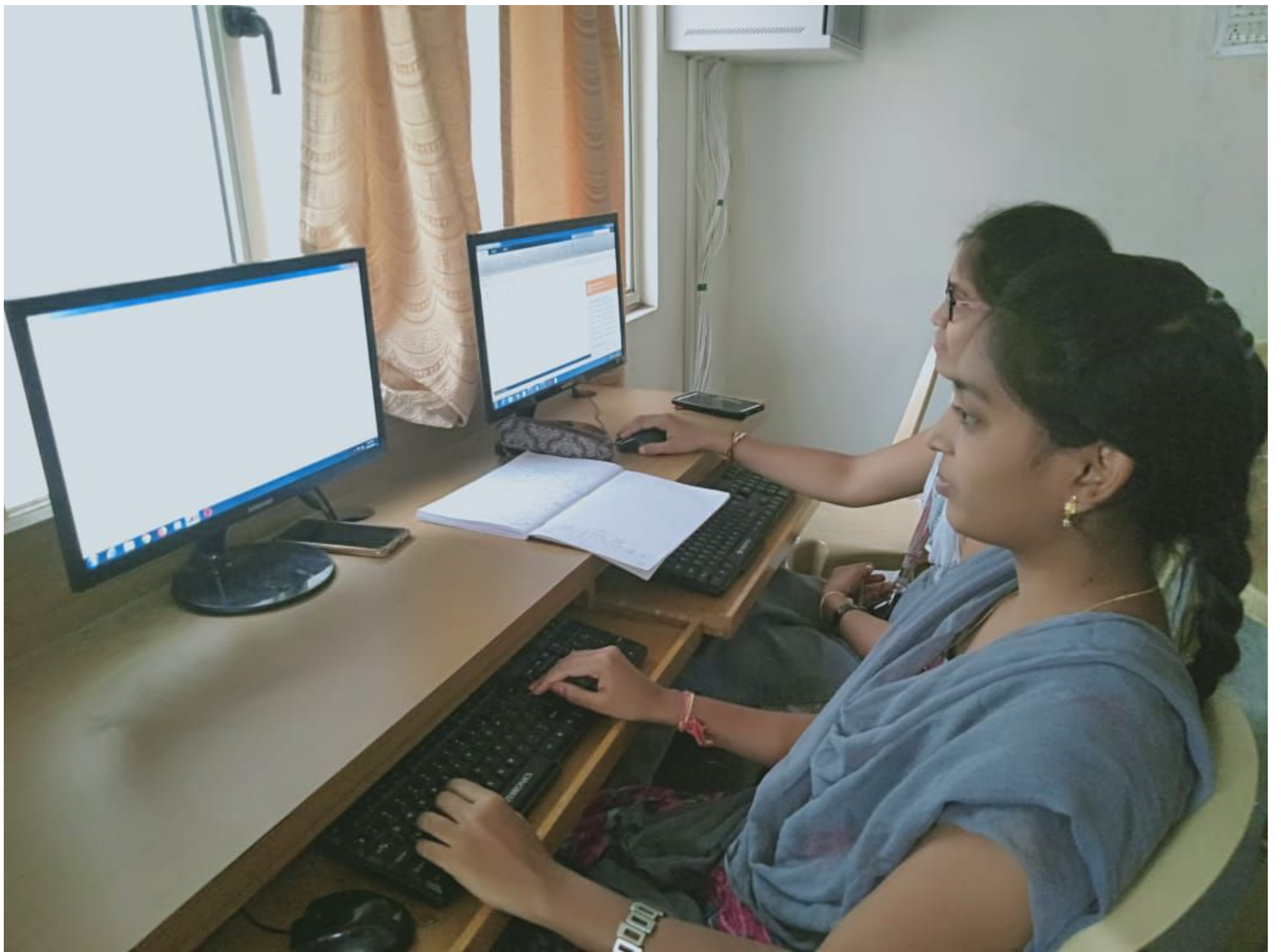
The development in technology has contributed in advancement of electrical machines design, over the past few decades. The development of digital computer has also provided the additional advantages for achieving economical and optimum design of different machines and electrical circuits. The main objective of this workshop is to develop a preliminary insight of Electrical Computer Aided Design (ECAD) Tools employed for the design and development of electrical systems. This two-day ECAD workshop incorporates basic & fundamental design flows employed in the design & development of transformers, electrical machines, circuit layout design. By using Micro Station, users can confidently model, document and visualize projects of any size. In addition to being the best 3D modeling software for engineering and architectural projects of any size and complexity, Micro Station provides all the benefits of traditional CAD software.

**Topics Cover in Workshop**

- Introduction to Micro station
- Snapping technique, Types of snapping
- Different types of shapes to implement design
- Tangents for house wiring
- Hands-on experience on design of rough sheet
- Transformer Design
- Single line diagram design using CAD
- Switchgear panels and protection scheme
- CT, PT, Illumination calculations
- Hands-on Sessions



**HOD-EEE**





# GURU NANAK INSTITUTE OF TECHNOLOGY

(NBA Accredited)

Department of Electrical & Electronics Engineering

A Two-day Workshop on

“Electrical –CAD”

on 23<sup>rd</sup> & 24<sup>th</sup> Sep,2016,

## PARTICIPATION CERTIFICATE

This is to certify that Mr/Ms A. Amrutha has participated in a two day workshop on “**Electrical -CAD**” held on 23<sup>rd</sup> & 24<sup>th</sup> Sep,2016, organized by the Guru Nanak Institute of Technology,Ibrahimpattam.His/Her participation in same is well appreciated.

Dr.Mrutyunjay Das  
HOD-EEE

Dr.S.Sreenatha Reddy  
Principal

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### GURU NANAK INSTITUTIONS TECHNICAL CAMPUS (AUTONOMOUS)

- School of Engineering & Technology
- School of Management Studies
- School of Pharmacy

### Other Institutions of the Group

- Guru Nanak Institute of Technology
- Panineeya Institute of Dental Science & Hospital
- Guru Nanak Institute of Engineering & Technology (Nagpu)
- Guru Nanak Institute of Engineering & Management (Nag)