

**CERTIFICATE COURSE ON
BASIC ELECTRICAL AND ELECTRONIC
COMPONENTS**

8th & 9th FEB – 2019

Registration Form

Name (in capital letters):

Designation :

Institution :

Qualification :

Year of Experience :

Gender

Address for Communication:

E-mail address :

Phone / Mobile No :

Subjects taught in last one year:

Accommodation required : Yes / No

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop Program. If selected, I shall attend the program for the entire duration.

Date

Signature

BONAFIED CERTIFICATE

Mr/Ms/Dr_____

_____ is an employee of our Institute / Organization and is hereby sponsored. He / She will be permitted to attend the programme in full, if selected.

Place:

Signature & Seal

Date:

Head of the Institution

ABOUT THE WORKSHOP

This course introduces students to both passive and active electronic components (op-amps, 555 timers, TTL digital circuits). Basic analog and digital circuits and theory of operation are covered. This course allow the students to master the use of electronic instruments and construct and/or solder several circuits. This training also reinforce the concepts discussed in class with a hands-on approach and allow the students to gain significant experience with electrical instruments such as function generators, digital multimeters, oscilloscopes, logic analyzers and power supplies. In the last class, the students build an electronic circuit that they can keep. The course is geared to freshmen and others who want an introduction to electrical and electronics circuits.

TOPICS TO BE COVERED

- Overview of advanced Technologies
- Introduction to Electrical & Electronics Components
- Design of amplifiers using Transistors
- Power Electronics & its Applications
- Electrical Machines & Various sensors
- Line follower Robot
- Industrial Automation process
- Robotics IC Designing Technologies

RESOURCE PERSONS

Mr.R.Srinivasa Prabhu,
Business Manager,
LIVEWIRE, Coimbatore.

Ms. P. Manimegalai & Mr. K. Kaliraj,
Technical Engineers,
LIVEWIRE, Coimbatore.

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BASIC ELECTRICAL AND ELECTRONIC
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8th & 9th FEB – 2019

In association with



Co- Convener

*Dr.V.Ranganayaki,
Associate Professor, EEE*

Coordinators

*Mr.J.Sathish,
Assistant Professor, EEE*

&

*Ms.C.Maheswari,
Assistant Professor, EEE*

Organized by



**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**

**Dr. N.G.P. INSTITUTE OF TECHNOLOGY
COIMBATORE-641048**

ABOUT THE INSTITUTION

The Kovai Medical Center Research and Educational trust crossed another milestone by establishing Dr.N.G.P. Institute of Technology in 2007. The vocational advantages of the institution are its close proximity to the Coimbatore Airport and the National highway. The institution is approved by the All India Council for Technical Education (AICTE) New Delhi and is affiliated to Anna University, Chennai. The institution is well equipped with advanced infra structural facilities to meet requirements university prescribed. The institution aims to develop and implement a comprehensive human resources plan to include recruitment, professional development, retention and succession plans that attract qualified staff and faculty and ensure that they remain current in their respective roles and disciplines.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established during the inception of the institute in 2007. It strives for excellence in the core field of Electrical and Electronics Engineering. It provides an international ambience in a local setting with innovative and engaging teaching methods, workshops, lecture series, industry institute interaction, seminars by eminent speakers, virtual industry tour and research activities. It offers a comprehensive array of courses that encompass the undergraduate, postgraduate and doctoral levels with an objective of imparting quality education and research whilst leading on the innovation curve. This deepens the students understanding of engineering concepts and also provides them with an exposure to the kind of work that is expected from the students in Industry. The Department has excellent laboratory facilities in the areas like Microprocessors, Microcontrollers, Project Laboratory and Simulation laboratory with latest software.

LOCATION

The Institute is situated on Coimbatore - Avinashi highway and is about 10 Kms from Coimbatore, Central Railway Junction and is about 4 Kms from Coimbatore Airport. It is accessible by Route numbers 115,16B from Gandhipuram town bus stand.

TARGET AUDIANCE

Faculty members and Students of EEE, ECE and other departments of Anna University affiliated colleges

REGISTRATION

- No Registration fee for the participants.
- Registration for this course can be done using the attached form in same brochure. The completed form duly signed by Head of the Institution should be sent by post to the Coordinator
- Total number of participants is limited to forty members.
- Participants will be selected on first-come first-served basis
- Selected candidates will be intimated by e-mail. Confirmation of participation is to be made by email.
- No TA/DA will be paid.
- Accommodation may be provided in the hostel for outstation candidates free of cost subjected to the availability.

PROGRAM CERTIFICATES

Participation E-certificates will be issued to the candidates who attend the program, by Department of Electrical and Electronics engineering.

ADDRESS FOR COMMUNICATION

Coordinator(s),
CERTIFICATE COURSE ON
BASIC ELECTRICAL AND ELECTRONIC COMPONENTS
Department of EEE,
Dr.N.G.P Institute of Technology,
Dr. N.G.P. Nagar, Kalapatti Road,
Coimbatore – 641 048,
Tamilnadu, India.
Mobile: 9486826527
Email : sathish.ngpit@gmail.com
Web : www.drngpit.ac.in

ORGANIZING COMMITTEE

CHIEF PATRON:

Dr.Nalla G.Palaniswami,
Chairman, KMCH

Dr.Thavamani D.Palaniswami,
Secretary, Dr.N.G.P.IT

PATRON:

Dr.O.T.Buvaneswaran,
CEO, KMCRET

CHAIR:

Dr.K.Porkumaran, Principal, Dr.N.G.P.IT

CONVENER:

Dr.S.Jaganathan HoD - EEE, Dr. N.G.P.IT

CO- CONVENER:

Dr.V.Ranganayaki, AsP/EEE

COORDINATORS:

Mr.J.Sathish AP/ EEE

Ms.C.Maheswari, AP/ EEE

Venue:

**Microprocessor and Microcontroller Lab
Department of Electrical and Electronics
Engineering**

IMPORTANT DATES:

Submission of Application : 4.02.2019

Intimation of selection : 6.02.2019

Confirmation by Participants : 7.02.2019