

**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY(A)**
Gandipet, Hyderabad, Telangana, INDIA

REGISTRATION FORM

**A Three day Workshop on
“SIMULATION of POWER
ELECTRONIC CONVERTERS”
“SPEC-2018”**

In Association with
IEEE-PES Student Chapter
26th-28thFeb2018

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for
Correspondence: _____

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Payment Details:

Cash/Draft No: _____ Amount: Rs: _____

Date: _____

Signature of
Sponsoring Authority
(Head of the Department with seal)

Signature of
the Applicant

**Department of
Electrical & Electronics Engineering**

**Organizing
“SPEC-2018”**

**A Three day Workshop
on**

**“SIMULATION of POWER
ELECTRONIC CONVERTERS”**

26th-28th Feb 2018



In Association with
IEEE-PES Student Chapter
EEE Association



**ChaitanyaBharathi Institute of Technology
(Autonomous)**

Affiliated to **Osmania University**
All U.G & 5 P.G. Programmes (Civil, CSE, ECE,
Mech& EEE) Accredited by **NBA**,
Accredited by **NAAC (UGC)**,
ISO 9001:2015 Certified Institution
ChaitanyaBharathi (P.O) Gandipet,
Hyderabad, Telangana -500075

COURSE FEE:

1. U.G. Students : Rs. 600/-

REGISTRATION:

- Participants can download Brochure/
Registration Form by logging on to :
www.cbit.ac.in
- Interested Participants are requested to
send the DD in favour of “**HEAD, EEE,**
CBIT” payable at **Andhra Bank,**
Kokapet, Hyderabad.

CHIEF PATRON:

Dr.V.Malakonda Reddy, President, CBIT

PATRON:

Dr. P. RavinderReddy, Principal, CBIT

CHAIRMAN:

Dr.P.V.Prasad, Professor&Head, EEE Dept.

ADVISORS:

Dr. K. KrishnaVeni, Professor, EEE Dept.

Dr. G. Suresh Babu, Professor, EEE Dept.

Dr.P.V.Balasubramanyam, Prof., EEE Dept.

CO-ORDINATORS:

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Assistant Professor EEE Dept.

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ORGANIZING COMMITTEE:

The Teaching and Non-Teaching staff of EEE
Department.

CORRESPONDENCE:

E-mail id: **matlabeeecbit@gmail.com**

CHAITANYA BHARATHI
INSTITUTE of TECHNOLOGY(A)

ABOUT COLLEGE:

CBIT is one of the premier Engineering Institute in INDIA, pioneer in Telangana state which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 38 years by producing about 16,000 eminent and skilful graduate engineers, who are successful in their careers, serving all over the world. It was accredited many times by NBA--AICTE and NAAC--UGC. UGC has granted autonomous status to this Institute from the academic year 2013-14 onwards. The grants received from AICTE/UGC are worth about Rs. 2.5crores. Brilliant and meritorious candidates with good EAMCET rank are seeking admission. Our students are grabbing the opportunity of entering into MNCs through college placement cell.



ABOUT EEE DEPARTMENT:

CBIT started Electrical & Electronics Engineering course in 1994. The intake was increased from 60 to 120 from the academic year 2013-14. The Department is also certified by ISO 9001:2015 & AICTE accreditation four times i.e. in the years 2004, 2008, 2013 and 2017. The Department has highly qualified and experienced faculty. The Department started offering a PG course in Power Systems & Power Electronics since 2006. The Department is having 11 well equipped labs with latest simulation & design software. The Department is keen on developing consultancy services and welcomes funding research from outside agencies and enriched with 20 lakhs worth projects under AICTE-MODROBS for PE & PS Labs. The Department is recognized as a Research Center by Osmania University.

OBJECTIVE OF THE WORKSHOP:

It is needless to say that concepts of engineering can be visualized by hardware experimentation where as simulation complements it. As a result the simulation has figured a prominent place not only in academics (as a course in the curriculum) but also in research in engineering. MATLAB is one of the powerful software tools to excel in the design of engineering applications such as electrical circuits, control systems,

electric drives control, power systems and power electronic circuits. There is a dire need of professionals in this arena. In order to cater to the above needs the Department of EEE, CBIT has decided to organize series of workshops to train the needy and deserved. As a debut the emphasis is on power converters.

PROGRAM OUTCOME

Outcome of the workshop is that the participants will acquire the competency in conducting simulation studies, innovations and knowledge necessary to understand and develop efficient, cost effective and reliable power converters. The students can upgrade the knowledge and skills in the area of Power Electronics and their simulations.

TOPICS TO BE COVERED

- ✚ Basic MATLAB Programming
- ✚ Converter design using MATLAB
- ✚ Inverters design using MATLAB
- ✚ PWM Analysis.
- ✚ Performance parameter Evaluation

IMPORTANT DATES:

Last date for receipt of application: **17-02-2018**

Work Shop: **26-02-2018 to 28-02-2018**

SALIENT FEATURES:

- ❖ Hands on experience.
- ❖ First in first serve
- ❖ Maximum capacity 60.

Tea, Snacks & Lunch will be provided for the participants.