

**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY**

(Autonomous under UGC)
Gandipet, Hyderabad, Telangana, INDIA

Under TEQIP (Phase-II)

REGISTRATION FORM

**A Two Day work shop
On**

**Practical Aspects of Renewable
Energy Sources - PARES-2017**

27th - 28th March 2017

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for

Correspondence: _____

Phone: _____

E-Mail: _____

Payment Details:

DD no/E-wallet Txn id/: _____

Amount: Rs: _____

Date: _____

Signature of
Sponsoring Authority
(Institute/Organization seal)

Signature of
the Applicant

A

Two Day work shop

On

**Practical Aspects of
Renewable Energy Sources**

27th - 28th March 2017

PARES-2017



**Organized by
Department of
Electrical & Electronics Engineering
with the support of
TEQIP (Phase-II)
In Association with**



**Chaitanya Bharathi 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 9001:2008 Certified Institution
Chaitanya Bharathi (P.O) Gandipet,
Hyderabad, Telangana - 500075

REGISTRATION FEE:

1. U.G/P.G Students :Rs 200/-
2. Faculty/Research Scholars :Rs 300/-
3. Industry Persons :Rs 400/-

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

REGISTRATION:

➤ Participants can download Brochure/
Registration Form by logging on to :
www.cbit.ac.in

➤ Participants are requested to send the DD
in favour of **HEAD EEE CBIT** payable at
Andhra Bank Kokapet Hyderabad.

➤ Participants can also make E-wallet
payments to 9000234560

CHIEF PATRONS:

Dr. V. Malakonda Reddy President CBIT
Sri. D. Kamalakar Reddy Member BOM CBIT

PATRON:

Dr. B. Chennakesava Rao Principal CBIT

CHAIRMAN:

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

ADVISORS:

Dr. K. Krishna Veni Professor EEE Dept.
Dr. P.V. Balasubrahmanyam Prof EEE Dept.

CONVENOR, ESC- CBIT:

Dr. G. Suresh Babu Professor EEE Dept

CO-ORDINATORS:

Mr.P.Hemeshwar Chary
Assistant Professor, EEE Dept.
Cell: 9000234560
Mr.N.Santosh Kumar
Assistant Professor, EEE Dept.
Cell: 9440666403

ORGANIZING COMMITTEE:

The Teaching and Non-Teaching staff of EEE
Department.

CORRESPONDENCE:

E-mail id: reseecbit@gmail.com

CHAITANYA BHARATHI
INSTITUTE of TECHNOLOGY

(Autonomous)

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 37 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. 2.5 crores. Brilliant and meritorious candidates with good EAMCET rank are seeking admission. CBIT students are grabbing the opportunity of entering into MNCs through college placement cell.



The Institute has signed MOU with Technical Education Quality Improvement Program (TEQIP) Hyderabad, for participating under SC-1.1 of TEQIP-II.

ABOUT EEE DEPARTMENT:

CBIT started Electrical & Electronics Engineering UG course in 1994 and was accredited thrice i.e. in years 2004, 2008 & 2013 by NBA. The intake was increased from 60 to 120 from the academic year 2013-14. The Department started offering a PG course in Power Systems & Power Electronics in 2006 with an intake of 18 and was accredited by NBA in the year 2016. The Department has highly qualified and experienced faculty. The Department is having well equipped labs with latest Hardware & Software. The Department is also certified by ISO 9001:2008. The Department is keen on developing consultancy services and welcomes funding research from outside agencies and enriched with 15 lakhs worth projects under AICTE-MODROBS for PE & PS Labs. The Department is recognized as Research Centre in 2017 by Osmania University to carry out research for the award of Ph.D. degree.

OBJECTIVE OF THE WORKSHOP:

Solar energy has seen record growth in recent years, leading to greater-than-ever demand for solar engineers. Engineering is one of the most sought-after profession by employers in the solar power industry.

Solar energy is all about electricity, and electrical engineers bring their expertise in the generation and management of electric power to the solar industry. They develop, design, test and manage the manufacture of electric components used in solar systems. Keeping this concept in view EEE Dept is organizing a two day workshop on **Practical Aspects of Renewable Energy Sources** during 27th-28th March 2017. The main objective of the workshop is aimed at the professional development of Students, Staff and Industry persons in the usage of Solar PV Systems. The workshop mainly encompasses hands on experience about the following

- **BlueSol- Photovoltaic design software**
- **Solar PV Training & Research System**
- **Solar PV Emulator**

TOPICS TO BE COVERED

- ✚ **Basics of Solar PV System.**
- ✚ **BlueSol Software**
 - Process of designing a PV system.
 - 3D visualization of layout.
- ✚ **Solar PV Emulator**
 - MPPT Algorithm testing.
 - Inverter Control testing for different Operating conditions.
- ✚ **Solar PV Training & Research System**
 - I-V & P-V Characteristics of PV module
 - Effects of Shading & Tilt angle.

IMPORTANT DATES:

Last date of application: **23rd March 2017**

Workshop dates: **27th - 28th March 2017**