

Registration Fee per Participant

1. Teaching Faculty : Rs. 500/-
 2. Research Scholars/PG Students : Rs. 250/-
 3. Industry/ R&D Organizations : Rs. 750/-
- Payment Details (DD in favor of "HOD, EEE, CBIT payable at Hyderabad"):**

Notification of Acceptance: 1st NOV 2017

Last date of Registration : 7th NOV 2017

Submission of Registration forms

➤ peresfdp2017@gmail.com

Course Contents

..... but not limited to

- Over View of Power Converters in Renewable Systems
- Introduction to Software Tools Related to Power Electronics
- Power Electronic Converters for Renewable Energy Applications
- Control strategies of DC-DC converters
- Inverters - Introduction & Design aspects
- MATLAB Simulation of Power Electronic converters-Hands on session
- Bidirectional Converters for Micro Grids
- Multilevel Inverters in Renewable Systems
- Significance of Embedded Systems in PE-Research Scope
- Embedded Controllers
- Lab on Embedded Controllers
- IoT Applications to Renewable Systems
- Scope for Sponsored Projects in Power Electronics & Renewable Systems
- Industry visit

Chief Patron

Dr.V.Malakonda Reddy, President, CBIT

Patron

Dr. P.Ravinder Reddy, Principal, CBIT

Chairman

Dr.P.V.Prasad, Prof. & Head, EEED

Coordinators

Dr.K.Krishna Veni, Prof., EEED

Dr.G.Suresh Babu, Prof., EEED

Co-coordinators

Dr.B.Suresh Kumar Assoc. Prof. EEED

Dr.T.Murali Krishna Asst. Prof. EEED

Resource Persons

1. Dr. M. Ramamoorthy,
Former Director General, CPRI
2. Dr. M. Veerachary ,Prof., IITD
3. Dr. K. Shiva Kumar,Asso. Prof., IITH
4. Dr. B. P. Muni, GM, BHEL R&D
5. Dr. V. T. Somasekhar, Prof., NITW
6. Sri. K. RaviKishore, Assoc.Prof. NITW
7. Dr. B. Lakshmi, Assoc. Prof. NITW
8. Dr. A. Swaroop, Prof.,NIT Kurukshetra
9. Dr. H. S. Jain, Rtd. ED, BHEL R&D
10. Dr. B. P. Singh, Rtd.GM, BHEL R&D
11. Dr. G. Yesurathnam, Prof., OUCE
12. Dr. A. Jaya Lakshmi, Prof., JNTUH
13. Dr. B. Mangu, Prof., OUCE
14. Dr.P.Satish Kumar, Assoc. Prof., OUCE
15. Sri. P.C.Reddy, Dean, R&D, ASCET
16. Experts from Renewable Energy Based Industries

Organizing Committee

All teaching and non-teaching staff of EEE Department, CBIT

Address for Correspondence

Dept. of EEE, CBIT, Chaitanya Bharathi(P.O), Gandipet, Hyd-75

E-mail: peresfdp2017@gmail.com

Mobile: 9703411220, 9493411401, 9849396814, 9866479770

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**A Two Week
Faculty Development Program**

on

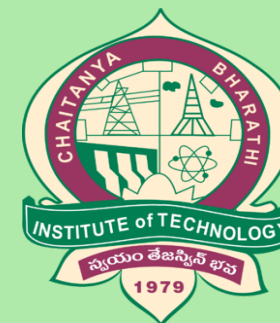
**Power Electronics for
Renewable Energy Systems**

– Present Trends and Future Scope

13th - 25th, November 2017



**Department of
Electrical & Electronics Engineering**



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

**Affiliated to Osmania University,
Chaitanya Bharathi (P.O), Gandipet,Hyd-75.**

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REGISTRATION FORM

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A Two Week

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**Power Electronics for
Renewable Energy Systems**
—Present Trends and Future Scope

13th - 25th, November 2017

Name: _____

Designation: _____

Dept: _____

Organization: _____

Address for

Correspondence: _____

Phone: _____

Email: _____

**Payment Details (DD in favor of "HOD, EEE, CBIT
payable at Hyderabad"):**

Draft No: _____ **Date:** _____

Amount: Rs. _____

Accommodation Required: Yes[] No[]

Signature of Applicant

Signature of HOD

About the Institute:

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 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/DST are worth about Rs. 2.5 crores. 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. 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 course in 1994. The intake was increased from 60 to 120 from the academic year 2013-14. The Department is a certified by ISO 9001:2008. AICTE accredited thrice in the years 2004, 2008 & 2013. 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 10 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 15 lakhs worth projects under AICTE-MODROBS for PE & PS Labs.

About the Program:

The Objective of this FDP is to familiarize the attendees with the power converters for use in renewable energy systems. This work shop is planned to facilitate the up-gradation of knowledge and skills of faculties in technical institutions who are working in fields of Power Electronics and Renewable Energy Systems. The main aim is to fill gap between academic institutes and industry needs. This FDP will be perhaps one of the most successful effort in bringing emerging fields of basic research, highly relevant to immediate applications of National importance, and attracting young talent into this exciting and important area.

Program Outcome:

Outcome of the FDP is that the participants will acquire the competency in conducting simulation studies, innovations and knowledge necessary to understand and develop highly efficient, cost effective and reliable integration of renewable energy sources with grid. The faculty members can upgrade the knowledge and skills in the area of Power Electronics and Renewable Energy Systems. Faculty can set up new laboratory experiments relevant to the simulation of power converters used in RES. The faculty Will be able to understand the basics of Solar PV Emulator which in turn will help them to set up a solar lab/park

- **Lunch and snacks will be provided.**
- **TA will be paid for participants from AICTE recognized institutes.**
- **Accommodation for the outstation participants will be arranged with prior information.**