

**CAMBRIDGE INSTITUTE OF TECHNOLOGY**

**Tatisilwai, Ranchi-835103**



**Department of Electrical & Electronics Engineering (E.E.E.)**

**Workshop on**

## **“Electricity and The Housing Sector”**

**ETHS-2017**

**(Sponsored by TEQIP-II, MHRD, Govt of India)**

**28-29, March, 2017**

### **About CIT**

Cambridge Institute of Technology (C.I.T), a premier Institute in the private sector has been imparting technical education in Jharkhand for more than sixteen years. The institute is affiliated to Ranchi University and prepares students for B. Tech degrees in five branches i.e. Civil, Mechanical, Electrical & Electronics, Electronics & Communication and Computer Science & Engineering. It also enrolls students for M. Tech degree in Civil and Mechanical Engineering and in MBA. The campus is spread over an area of 30 acres and is 4 Kms from Tatisilwai Chowk, or 16 Kms from Ranchi Railway Station, Ranchi, popularly known as the “City of Waterfalls”, is well connected by rail, road and air to other parts of India. Some of the major attractions of Ranchi include Jonha falls, Hundru falls, Dasham falls, Hirni falls, Rock Garden, Tagore Hill, Nakshatra Van, Sun Temple, Fish Aquarium, Sidhu Kanhu Park, Zoological garden, Dear Park, Pahari Mandir, Jagannath Temple, Chhinnamastika Temple, Deori Mandir, and Science City etc

### **About the Course**

The population in India is around 125 Crores and there is enough scope of development of housing in public as well as in private sectors. Each and every house in a township needs electricity for survival. We cannot think of our life without electricity, even for a moment in the present era. Electrical power consumption in housing sectors amounts to about 24% of the total power generation in India. This may increase further and further due to changes in life style. We have to think of innovative ideas to provide power which must be cheap, reliable and sustainable. We are holding a 2 days’ workshop on “Electricity and the Housing Sector” during 28-29 March 2017 to highlight these issues. The programme is intended to provide a platform for discussions in this area.

### **Course Contents**

- Power requirements in houses
- Sources of power- conventional as well as non conventional
- Wiring / Electrical accessories
- Protection from electrical hazards – safety considerations
- Power Distribution & Earthing
- Artificial Lighting – recent trends
- Heating Ventilation and Air conditioning
- Tariff- Conventional metering and smart metering
- Any other subjects

## Who can participate?

The total number of participants is limited to 50 only, subject to first come first serve basis.

## Registration Fee/How to apply

Faculty Members (External) : @ Rs. 500/-

Students : @ Rs. 200/-

\* Registration kit, snacks and lunch will be provided during the programme.

\*Accommodation and travelling will be borne by the participants.

*For applying, please send the scanned copy of the filled-in registration form through e-mail to*

**[naiyermumtaz@gmail.com](mailto:naiyermumtaz@gmail.com)/[avinash@citranchi.ac.in](mailto:avinash@citranchi.ac.in)** on or before 22<sup>nd</sup> March, 2017.

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Workshop on  
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(Sponsored by TEQIP-II)  
28-29 March, 2017

**REGISTRATION FORM**

Name (In Capital):.....

Organization:.....

Designation:..... Department:.....

Specialisation:..... Experience:.....

Sex(Male/Female):..... Contact No.:.....

e-mail ID:.....

Correspondence Address:.....

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Accommodation required (on payment basis):

Yes/No.....

**Declaration:**

*I hereby declare that the above information is true to the best of my knowledge and that my Organization/ department have no objection if I attend the course.*

**Date**

**Signature of the Candidate**