The fee structure of the course includes course kit, lunch and refreshments for two days.

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Delegates</td>
<td>Rs. 1350</td>
</tr>
<tr>
<td>Academic / Research</td>
<td>Rs. 900</td>
</tr>
<tr>
<td>Students</td>
<td>Rs. 450</td>
</tr>
</tbody>
</table>

(The registration fee includes 12.36% of service tax)

REGISTRATION DETAILS

All the registrations in the prescribed form along with the applicable registration fee in the form of Demand Draft (DD) should reach the address mentioned below not later than 08th February 2013. The selected delegates will be intimated on 11th February 2013 through email. Since the numbers of seats are limited, the selection will be on first come first serve basis.

For more details and registration form, log on to www.cit.edu.in

DD to be drawn in favor of “The Principal, CIT” payable at “Coimbatore”

Registration form along with DD to be sent to:

Dr. E. CHANDIRA SEKARAN,
Associate Professor (PG),
Department of Electrical and Electronics Engineering,
COIMBATORE INSTITUTE OF TECHNOLOGY,
COIMBATORE 641 014, TAMIL NADU, INDIA.
Mobile : 96292 83060, 99420 29372, 94420 03930
E-mail : citeeeppege@gmail.com

CSIR Sponsored
Two Days National Level Workshop
on
SMART ENERGY GENERATION AND SUSTAINABLE ENERGY EFFICIENCY - PLANNING, IMPLEMENTATION AND RESEARCH PRIORITIES
15th & 16th FEBRUARY 2013

ORGANIZING SECRETARY
Dr. E. CHANDIRA SEKARAN
COORDINATOR
Er. S.R. SIVARASU

Supported by
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
NEW DELHI

Organized by
Department of Electrical and Electronics Engineering
COIMBATORE INSTITUTE OF TECHNOLOGY
(A Government Aided Autonomous Institution)
COIMBATORE - 641 014, TAMILNADU, INDIA.
HOST INSTITUTION

Coimbatore Institute of Technology (CIT) started in 1956 by Sri.V. Rangasamy Naidu is reckoned for its academic excellence in engineering and technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. The institute has a reputation with service of competent, well qualified faculty and dynamic management to set highest standards in engineering research and development. CIT offers under graduate, post graduate and PhD programs with a global standard curriculum promoting the students to compete internationally. The institute has celebrated its Golden Jubilee in the year 2006 and all the courses are accredited by NBA. The institute has collaborated with leading frontier universities and industries in India and abroad for the promotion of innovative engineering ideas. CIT has laurel foliage on the head as an emblem of victory. Recently, CIT has been awarded with the “Bizz-2012” the world business leader award and “ABB News National B-School award” for outstanding Engineering Institution in South India.

HOST DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the earliest departments in CIT which offers both under graduate, post graduate and Ph. D programmes. The department has a team of well experienced faculty members having vast experiences in various engineering and technology with specialization in the areas like Power Electronics, Power Quality, Energy Engineering, Power Systems, Control Systems, Embedded Systems, VLSI and Wireless communications. The faculty members and students of the department are dedicated to work in the current needs of the industry and have the ability to improve their expertise and incorporating the new technology to meet the emerging industrial challenges. The main objective of the department is to create a highly skilled industry ready workforce do deal with the technical challenges faced by the industries.

PREAMBLE

Globally the electricity network will experience more changes in next 20 years rather than in the last 100 years since the utility industry faces new challenges and opportunities. In the new era of our life, technology driven smart energy generation can make a substantial contribution to the nation’s energy needs. Smart power generation systems take advantages of various pricing in electricity, allow customers to pump their own generation, predict the demand and manage the supply and decrease the carbon emission by choosing clean electricity sources. In India, the Integrated Energy Policy envisages the increasing role of renewable energy sources so that the overall energy mix can provide many social benefits like clean environment, reduction in dependency of fossil fuel and utilization of regional resources.

This workshop will provide a platform to address many research challenges including, centralized to decentralized generation, dispatch strategies for renewable resources, grid extension, penetration of renewable electricity, improved DSM, system stability over long distance, mitigation of line losses, power quality issues and development of national/international trading market for electricity.

DISCUSSION TOPICS

- Restructuring of Energy Sector
- Research Priorities in Small Wind System
- Power Converters for Energy Conversion
- Technologies for Sustainable Power Generation
- DSM in Distributed Power Generation
- Power Quality and Energy Conservation
- DG-Resource Modeling, Codes and Standards

RESOURCE PERSONS

Faculty experts from leading academic institutions and Invited experts from Utilities/ Industries/ and Research organizations.
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From:
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