TARGET AUDIENCE

This one day International Workshop is deliberately designed for the professionals working in:

- Power Utilities and Trading Companies
- Service Providers
- Power/Energy Consulting Agencies
- Policy and Regulating Authorities
- Academic and Research Institutions

REGISTRATION FEE

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
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<tbody>
<tr>
<td>Industry Delegates</td>
<td>Rs. 1,000</td>
</tr>
<tr>
<td>Academic / Research</td>
<td>Rs. 750</td>
</tr>
<tr>
<td>Students</td>
<td>Rs. 500</td>
</tr>
</tbody>
</table>

REGISTRATION DETAILS

All the applications in the prescribed form along with the applicable course fee in the form of Demand Draft (DD) should reach the address mentioned below not later than 12th December 2012.

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

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, TAMILNADU, INDIA.
Mobile: 96292 83060, 94420 03930, 99420 29372
E-mail: citeeeppcg@gmail.com

One day International Workshop on
CURRENT ISSUES AND POTENTIAL RESEARCH IN POWER INDUSTRY
15 DECEMBER 2012
AC Conference Hall (Library Buildings)
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 of Technology, 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 undergraduate, postgraduate 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 abroad for the promotion of innovative engineering ideas. CIT has an impressive campus situated in NH-47 having spacious built area, exemplary facilities amidst picturesque surroundings.

HOST DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the earliest departments in CIT which offers both undergraduate and postgraduate programs. The department has a team of well-qualified faculty members having vast experiences in various engineering and technology with specialization in the areas like Power Electronics, Power Quality, Energy Engineering, Power System, Control System, Embedded System, VLSI and Wireless communication. 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 workforce do deal with the challenges faced by the industries.

PREAMBLE

Globally the entire power industries are now undergoing tremendous changes, equally posing more challenges. Worldwide the demand for growing electricity is projected at an annual rate about 2.7% up to 2015 and may stable around 2.4% beyond 2015. Restructuring of power sector has to be addressed seriously in order to achieve sustainable economic development. Adding to this, the current issues besieging the power industries are scarcity of financial resources, expansion of power projects, environmental clearance for new projects, demand side planning and operation, availability of skilled man-power, inordinate delay, inability to take reasonable technical risks and lack of engineering documentation. The conventional way of generating, transporting and distribution of electricity has now been transformed into smart and even smarter to a conceptual “Smart Grid”. Two way communication, smart metering and integration of regional resources are the key advantages of smart grid. This one day international workshop envisages a research forum to discuss the current issues pertaining to the power industry and focusing research priorities in smart grid arena.

DISCUSSION TOPICS

- Restructuring of Power Industries
- Mega/Ultra Mega Power Generation Projects
- Capacity Addition in Transmission/Distribution
- Evolution of Smart Grid
- Penetration of Renewables
- IEC 61850 - Interoperability
- Power Trading Market Mechanism
- Customer Care and Electricity Ombudsman

RESOURCE PERSON

Dr. AKHTAR KALAM,
Professor of Electrical Engineering,
School of Engineering and Science,
Victoria University,
Melbourne, Australia.

Professor Akhtar Kalam has been at Victoria University of Technology, Melbourne since 1985 and a former Deputy Dean of the Faculty of Health, Engineering and Science. He also has concurrent appointments as Distinguished Professor at 4 Malaysian universities: UniMAP, UMS, UTM and UIHM. He has wide experience in educational institutions and industry across four continents. He has worked with Ingersoll Rand and other electrical manufacturers. He has held teaching appointments at the University of Technology, Baghdad, Iraq and Capricornia Institute of Advanced Education, Rockhampton, Queensland. His major areas of interest are power system analysis, communication, control, protection and cogeneration systems. He has been actively engaged in the teaching of Energy Systems to undergraduates, postgraduates and providing professional courses to the industry both in Australia and overseas. He regularly offers professional development courses on Power System Protection, Renewable Energy and Cogeneration & Gas Turbine Operation to the Energy Supply Association of Australia (ESAA) and Australian Power Institute (API). He has conducted research, provided industrial consultancy and published over four hundred publications on his area of expertise and written over 29 books in the area. Professor Kalam is a Fellow of EA, IET, AIE and a member of IEEE and CIGRE AP 85.
REGISTRATION FORM

One day International Workshop
on
CURRENT ISSUES AND POTENTIAL RESEARCH IN POWER INDUSTRY
15 DECEMBER 2012

1. Name :_____________________________________
2. Organization : _________________________________
3. Designation :_________________________________
4. Professional Category (Please tick) :
   Industry  Academic  Students
5. Communication Address: _________________________

____________________________________________
____________________________________________
____________________________________________

6. Phone (O) __________________(R) _______________
7. Mobile : _____________________________________
8. Email : _____________________________________
9. Mode of Payment
   DD No. _________________ Dated _________________
   Bank Name : ___________________________________
   Amount : _______________________________________

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

Signature of the Applicant