

Important Dates

Submission of Abstract	: 10 th Aug 2014
Intimation of Acceptance of abstract	: 15 th Aug 2014
Submission of Draft Paper	: 15 th Sep 2014
Request for Revision	: 25 th Oct 2014
Submission of Final Paper	: 10 th Nov 2014
Last date for Early Bird Registration Fee	: 10 th Nov 2014

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Mode of Payment

Registration fee can be paid by submitting a crossed DD in favour of "ICESES2014" payable at Coimbatore or through electronic fund transfer. For details refer website, www.iceses2014.com

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* Key Note Speakers



Coimbatore Institute of Technology
(Government Aided Autonomous Institution)
Coimbatore - 641014, India

Announces

TEQIP (Phase II) Sponsored NPIU

International Conference on Energy and Sustainability in Engineering Systems (ICESES 2014)

16th to 18th December 2014



Address for Communication

Dr. A. S. KRISHNAN
Conference Secretariat, ICESSES 2014
Department of Mechanical Engineering
Coimbatore Institute of Technology (CIT)
Coimbatore - 641014, India
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HOST INSTITUTION

Coimbatore Institute of Technology (CIT), started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic and research 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 members and dynamic management to set highest standards in engineering research and development. CIT offers undergraduate, post graduate and PhD programs with curriculum of global standards, promoting the students to compete internationally. All the courses are accredited by NBA. The institute has celebrated its Golden Jubilee in the year 2006 and has collaborations with leading frontier universities and industries in India and abroad for promotion of innovative engineering ideas. CIT has a laurel foliage on the head as an emblem of victory. Recently, CIT was awarded with the “Bizz-2012” the world business leader award and “ABP News National B-School awards” 2014 for outstanding Engineering Institution in South India.

HOST DEPARTMENT

The Department of Mechanical Engineering is one of the earliest departments in CIT, started in the year 1956. It offers programs right from under graduate to doctoral level. The department has a team of well qualified and experienced faculty members having vast experiences and specialized in different areas of thermal, design and manufacturing streams with many remarkable achievements. It was started in the year 1956 with Bachelor of Engineering, since then many quality engineers graduated from here, have served the society and the nation. It has moved further by adding Post graduate degree programmes in engineering in the field of Heat Power Engineering in 1965 and Advanced Manufacturing Technology in the year 2005. Doctorate Programme was started in the year 1972, and as on date it has awarded more than 70 Ph.Ds. Thirteen out of thirty eight faculty members are doctoral degree holders from premier institutes including Indian Institute of Technology and Loughborough University, with the rest of them in the pursuit. There are 22 laboratories accounting for more than Rs. 6 Crores for research and academic work with a work force of 33 technical staff. The infrastructure and people together have been instrumental in producing more than 3000 quality engineers for the past 58 years through quality education.

THEME OF CONFERENCE

Energy possibly is the reason for existence of the universe and hence no doubt for the earth too. Ever escalating demands in Energy requirements and rapidly declining environmental conditions have called for research in these areas since more than half a century, and more rigorously in recent

era. While the initial phase of energy research was more on non-fossil fuel technologies, it has now grown to a much larger domain of identifying and adopting Sustainable technologies in Renewable Energy Systems, necessitating for inter-disciplinary collaboration with vanishing boundaries amongst them. As a logical next step, frequent/ regular interaction amongst researches in the field of energy and environment plays a pivotal role for progress in this domain. This Conference squarely aims at this by bringing together people working in renewable energy technologies for synergistic interaction, to work further in the area of performance improvement of engineering systems in a holistic manner, carbon footprint and climate changes, health hazards of environmental deterioration, different methods of improving power production and reduction in energy wastage and many other allied areas. The Conference will also be a learning platform for younger generation who will benefit from Keynote Lectures and through interaction with delegates.

CONFERENCE TOPICS

Both academia and industry professionals are invited to present their papers dealing with the state of the art research and future developments. Conceptual, mathematical and simulation models, case studies and empirical research are welcome that deal with the following topics (but not limited to):

Energy and Infrastructure: Green building / zero energy building, Energy systems in smart cities, Sustainable cities and communities, including transportation and waste management, High performance buildings – energy saving in buildings, Rural electrification

Electrical energy sustainability: Energy savings for vehicular technology, power electronics, electrical machinery and control, etc., Energy Transformation from Renewable Energy System to Grid, Power Devices and Driving Circuits for Renewable Energy Systems, Control Techniques for Renewable Energy Systems, Grid Interactive Systems in Hybrid RES, Smart Grids and RES.

Energy and Environment: Climate Change and Global Warming, Low/Zero emission power plants, Environmental Concerns, Ecology and Bio-diversity conservation,

Energy and Economy: Reliability and Maintenance, Safety and Security, Global Markets, Policies and Initiatives, Financing and Implementation, International Collaboration and Cooperation, Emission Standards and Emission control

Fundamental Research in Energy Science: Molecular science in energy, Ion transport, Solar photovoltaics, Charge separation and transfer at interface, Energy efficient magnetic materials, Modelling of materials

and processes, Chemistry of combustion, Micro and Nano-technology applications and materials, Synthesis of bio-fuels and other alternate fuels, Energy from space and Dark energy

Power Generation and Energy Transfer: Renewable (Green) Energy Systems and Sources as Wind Power, Hydropower, Solar Energy, Biomass, Biofuel, Geothermal Energy, Wave Energy, Tidal energy, Hydrogen & Fuel Cells, Energy Storage, Power plants and Transport Phenomena

Guidelines for Submission of Abstract

The abstract should be in about 300 words in MS Word format. The format should be in A4 page setup, Times New Roman Font 12, Line spacing 1.5 and no other formatting is permitted. The format of preparation for full length paper will be intimated to the Author through Email

Registration Fees

Delegate Category	Days	India	Foreign
Students & Full Time Research Scholars	1	INR 1000	75 USD
Students & Full Time Research Scholars	3	INR 2000	150 USD
Faculty from Academia	1	INR 2000	100 USD
Faculty from Academia	3	INR 3500	250 USD
Participants from Industry and R&D	1	INR 3000	200 USD
Participants from Industry and R&D	3	INR 5000	350 USD
Accompanying Guest	1	INR 1000	75 USD
Accompanying Guest	3	INR 2000	150 USD

Note:

1. The fee for presentation is for a maximum of three authors per article. Each additional author will attract a fee of INR 500 or USD 25. (Fee for 1 presenter)
2. Registration beyond 10th Nov2014 will attract an additional fee of INR 500/ 25 USD as applicable.
3. Each registration is eligible for one presentation only. For every additional presentation a fee of “50% of one day fee” will be charged.
4. For prospective publication in peer reviewed journals, contact iceses2014enquiry@gmail.com
5. The registration fee includes Conference kit, refreshments and lunch.