

Participants

Students pursuing Under-Graduate and Post-Graduate programmes in degree and professional colleges and other technical and vocational courses in AP are invited to participate in the State Level Symposium being organized by Energy Conservation Mission, The Institution of Engineers (India), AP State Centre. Interested students should register themselves with the Programme Convener through E-mail, by submitting their personal details in the format given below on or before August 10, 2011.

Name of College :
Name of Student :
Class :
Address for Communication :
E-mail Id :
Mobile No. :

Prior registration is a must for participating in the symposium.

Programme Schedule

Date: 13.08.2011

Session I: Inaugural Session
Session II: Technical Session I
Session III: Technical Session II

Date: 14.08.2011

Session I: Technical Session III
Session II: Poster Presentation
Session III: Quiz & Group Discussion
Session IV: Valedictory Session.

Lunch and Tea will be provided on both the days to registered participants.

Important dates

Last date for receipt of papers: **5.08.2011**

Intimation of selected papers: **10.08.2011**



Programme Convener

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Eco friendly Energy
for Everyone in 2011

EEE - 2011

A two day State Level
Technical Symposium
for students of
Degree and Professional Colleges
in Andhra Pradesh

on
13 - 14 August, 2011
09.30 to 5.30 pm

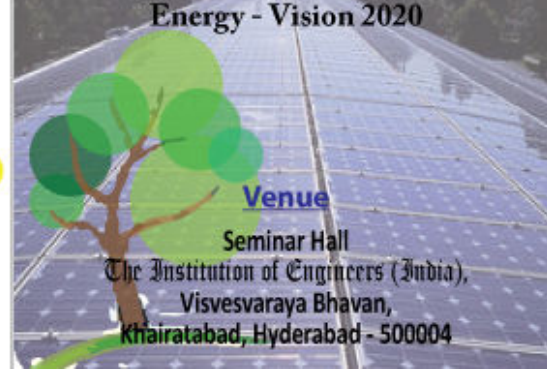


Theme

Energy Efficiency and Renewable
Energy - Vision 2020

Venue

Seminar Hall
The Institution of Engineers (India),
Visvesvaraya Bhavan,
Khairatabad, Hyderabad - 500004



About the Symposium

Indian economy is experiencing tremendous growth over the past few decades at a lion's pace. Energy, in all its forms, underpins both the past and the future growth. For the economy to continue this trajectory, India needs to address its energy challenge across all sectors. India has abundant, untapped renewable energy resources. These include a large land mass that receives the highest solar irradiance of 5 trillion kWh/Year, a large coast-line of 7500 Kms for realizing on-shore and off-shore wind potential, significant annual production of biomass, and numerous rivers and waterways having immense potential for developing hydropower in its multifarious manifestations.

India is one of the fastest growing countries in terms of energy consumption. Currently, it is the fifth largest consumer of energy in the world, and is expected to emerge as the third largest by 2030. At the same time, the country is heavily dependent on the fast depleting fossil sources of energy for most of its demand. This has necessitated the country to start aggressively harnessing alternative energy sources. The foremost of the same being solar, wind, bio-fuels, small hydro and ocean energy.

The average per capita consumption of energy in India is around 500 kwh, which is much lower than that of developed countries like the United States, Europe, Australia, Japan etc. However, this figure is expected to rise sharply due to significant economic growth owing to rapid / all-round development. However, power generation through fossil fuels has been largely responsible for the rapid depletion of the conventional resources and has a major share in elevating global environmental pollution levels and hence, led to the quest for sustainable alternatives for future generations. Pending satisfactory development of these alternatives, there is imperative need to conserve conventional energy. Hence the need for energy efficiency and its enhancement.

In order to stimulate the student community to search for (explore) sustainable remedies for the global energy crisis and also to bring out the latent talent in the youth with a zest for innovation and creativity in the area of Energy Conservation, increased utilization of Renewable Energy Sources and adoption of Energy Smart Products/Process which will be useful to the society, this symposium is being organized by Energy Conservation Mission.

Topics of the Symposium

Energy Efficiency Effort

A) Energy Conservation Opportunities In

1. Electrical / Mechanical Systems
2. Transportation/Homes/Shops/Offices
3. Agriculture/Industrial

B) Latest Technologies

C) National Mission on Enhanced Energy Efficiency

Renewable energy vision-2020

A) Latest technologies for renewable energy

B) Renewable energy applications

C) Renewable energy for rural electrification

D) National Solar Mission

Paper Presentation Protocol

1. The paper should be on any one of the above topics.
2. The length of the paper shall be restricted to Ten, A4 size papers with Times New Roman font size 12, 1.5 spacing, inclusive of all enclosures.
3. The Abstract of the paper shall not exceed 250 words.
4. Maximum number of authors for a paper is limited to TWO.
5. TWO soft copies to be mailed to colleges.ecm@gmail.com and TWO hard copies must be submitted along with a registration fee of Rs 150/- per paper to Energy Conservation Mission.
6. The registration fee can be paid in the form of Cash/Demand Draft drawn in favour of "IEI – Energy Conservation Mission – APSC" payable at Hyderabad.
7. The Head of the Institution shall duly authorize the presentation material.
8. The author shall indicate his Name, Communication Address, Phone number, E-mail address, name of the college etc.
9. The presentation papers should reach the following address latest by August 5, 2011.

"The Convener - Students' Technical Symposium"

**Energy Conservation Mission
The Institution of Engineers (India)
AP State Centre
Visvesvarya Bhavan, Khairatabad
Hyderabad-500004**

10. The authors of the selected papers will be intimated before August 10, 2011.

11. The idea should be original, no copy from the web site. If found the paper is disqualified.

12. There will be Three attractive Prizes

13. All Students, who had submitted papers will be provided with a participation certificate.

Poster Presentation Protocol

14.08.2011

1. The Poster should be based on the "Theme" of the symposium.
2. The Poster should be prepared in the size of a standard drawing sheet
3. The Poster should be neatly displayed on the space provided.
4. Maximum number of students per poster is limited TWO.
5. The students, who are interested to participate in the poster competition, should register in advance with a registration fee of Rs 150/- per poster.

Organized by

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