

Important dates

Last date for abstract submission - 01.03.2016

Last date for full paper submission - 15.03.2016

Conference Papers are reviewed and selected papers are published in edited volumes.

Registration Fees

Students & Research Scholars - Rs.300/-

Faculty Members - Rs.500/-

Industrial Participants - Rs.1500/-

Registration

Registration fee should be sent through DD in favour of "The Convener, E3 2016" payable at Salem. Registration fee does not include accommodation.

Accommodation

Accommodation will be arranged on prior intimation at modest rates.

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Registration form

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Area of Research :

Paper Presentation/Participated :

Presentation Mode : Oral/Poster

Title of the Paper :

Details of Registration fee

Amount Rs. :

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Name of the Bank :

Accommodation : Required / Not
required

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ADDRESS FOR COMMUNICATION

Dr.K.ANBARASU

Convener – E³ 2016

Director i/c

Centre for New and Renewable Energy Studies
(CNRES)

Periyar University

PeriyarPalkalai Nagar, Salem – 636 011

E-mail : convener2016@gmail.com

Mobile: +91 9994896206, +91 99767 66000

National Conference On

ENERGY, ENVIRONMENT & ETHICS(E³ -2016)

28-29, March 2016



Jointly Organised by

**CENTRE FOR NEW AND RENEWABLE
ENERGY STUDIES (CNRES)
&
DEPARTMENT OF ENERGY STUDIES**

PERIYAR UNIVERSITY

(RE-ACCREDITED WITH 'A' GRADE BY THE NAAC)

PERIYAR PALKALAI NAGAR,

SALEM – 636 011, TAMIL NADU, INDIA



Conference Inspiration

"You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete." Buckminster Fuller, philosopher, futurist and global thinker (1895 - 1983)

"If there are to be problems, may they come during my lifetime so that I can resolve them and give my children the chance of a good life." Kenyan proverb

Humans have been harnessing naturally occurring energy sources for their immediate gratifications ever since their survival mechanism promoted intellectual potentiality. First time in the human evolutionary history energy sources (particularly Fossil Fuels) are exploited and utilized exorbitantly which paved way for the birth of the Industrial Revolution and Modern energy driven civilization.

Having shaped by the portable energy, Foundation of Modern Civilization was built on Technological explosion. Technological bloom has stretched out its tentacles in all the spheres of Human activities such as transportation, communication, healthcare, and entertainment. Technological advancement in Information Technology and communication has influenced the flow of industrial goods globally. In turn, Production sectors have increased their non-renewable energy sources for their fast growing global market.

Negative Climatic and Environmental consequences of fossil fuel use include air, water and land pollution from mining, drilling, spilling oil, and transporting fossil fuels; conflicts over fuel resources; and the many effects of burning fossil fuels including smog, acid rain, and global warming. The Intergovernmental Panel on Climate Change (IPCC) has concluded that anthropogenic emissions of long-lived greenhouse gases (GHGs) are responsible for an enhanced greenhouse effect that is raising the planet's average surface temperature and accelerating rates of climate change.

Limited amount of Fossil Fuel reserve and its increasing demand as non-renewable energy source will greatly affect the future wellbeing of our planet. The improvement and dissemination of knowledge on methods, policies and technologies for increasing sustainability of development

by de-coupling growth from natural resources and replacing them with knowledge based economy taking into account its economic, environmental and social pillars. Therefore, need for reducing energy use and finding new and renewable energy sources for sustainability is inevitable task ahead us.

Both scientific and ethical frameworks can play defining response towards the protection of the environment. An ethical proposition is a distinctive, authoritative, and often overlooked overture to impact transform in environmental management strategies. Ethics can establish guiding principles that can govern such action. The ethical framework is appraised with respect to some of the problematic issues of sustainable energy development.

The limitations of the corporate social responsibility (CSR) frameworks are felt in the energy sectors. An analytical approach to energy ethics outside the corporate value regimes of 'responsible business' and 'corporate conscience' will provide sustainability in energy use. This is because not all energy actors move within or share the values of these corporate domains. We will challenge assumptions that see ethics as a descriptive label associated first and foremost with renewable energy resources. Ethical sensibility is rooted in people; it is embedded in categories of speech and modes of physical action and central to the potential of human flourishing. Recognizing ethical sensibility as part of the human condition, the conference seeks to think of energy ethics in capacious ways that can encompass the views of any energy actor.

At a time when the global consumption and production of energy is rising at an astonishing rate, this conference will explore the centrality of ethical practice, judgment and questioning in our relationship with energy.

The Conference has become a significant venue for researchers in focus areas to meet, and originate, discuss, share, and disseminate new ideas. This conference is a unique opportunity for the presentation and in-depth discussion of the latest research on issues related to energy, environment and ethics.

Broad topics covered in the conferences are not limited to:

- ♦ Modern Energy efficiency methods
- ♦ Energy efficient appliances
- ♦ Energy Conversion and Management Microgrids
- ♦ Fuels and Alternatives
- ♦ Energy Policy and Planning
- ♦ Combined and Cogeneration Energy Systems
- ♦ Energy and Environmental Issues
- ♦ Energy and Sustainable development
- ♦ Energy Efficient Buildings /Green buildings
- ♦ Renewable energy resources (biomass, biofuels, biogas, hydro, wind, solar, geothermal, wave and ocean)
- ♦ Renewable electricity generation systems (biomass, grid and fluidized bed, biofuels, biogas, hydro, wind, offshore wind, high altitude wind, photovoltaic, concentrated solar thermal power, geothermal, wave, tide, ocean thermal)
- ♦ Renewable Energy Storage devices
- ♦ Emerging Energy Technology
- ♦ Biogas spent slurry application and management.
- ♦ Biogas upgradation and bottling, power generation and large scale applications.
- ♦ Social Political, Economic and Environmental Contexts of Biogas Systems and Technologies.
- ♦ Green economy and better governance
- ♦ Energy, Transport, Water, Environmental policies
- ♦ Environment and corporate social responsibility
- ♦ Nano and micro technologies and science for sustainable development of energy systems
- ♦ Carbon capture and storage/sequestration
- ♦ Advanced sustainable energy conversion systems
- ♦ Hydrogen production and use technologies
- ♦ Psychological and Political aspects of sustainable development

Call for papers

The National Conference calls for research papers on the various scientific aspects of Energy, Environment and Ethics from all the faculty members of National and International Universities, Research Institutions, Colleges and Research scholars and students and persons from energy industries.