

27th. NATIONAL CONVENTION OF ENVIRONMENTAL ENGINEERING

24 - 25 JANUARY, 2012

Venue



MANGALORE, KARNATAKA

CONVENTION THEME

“GREEN TECHNOLOGY”



The Institution of Engineers(India)

MANGALORE LOCAL CENTRE

KARNATAKA, INDIA

Preamble

The 21st century has been called the "century of the environment". Governments -and individual citizens - can no longer assume that social challenges such as pollution, dwindling natural resources and climate change can be set aside for future generations.

Environmental sustenance has been the area of major concern for all the sectors of industries in the present day scenario. Ever increasing energy cost has been eating the profits of industries bringing them to the verge of bankruptcy. Progressive industries have taken this as a major challenge and are carrying out various technological up gradations and are looking for continual improvements through innovation, research and development. For the power sector, alternative energy routes like wind, solar, tidal energy etc. have always been fascinating, but just out of reach.

Global warming, excessive precipitation, melting ice glaciers, increasing frequencies in natural calamities etc. are adding fuel to the existing deteriorating environmental scenario and are posing a major challenge for the entire globe.

In such a scenario as Engineers it is imperative to actively develop and identify green technological options as well as alternative energy sources for sustainability of development. The prospects for success have never been greater. A dawning era of creativity and innovation in "green technology" (also known as "clean technology") is bringing the promise of a healthier planet - as well as the prospect of growing businesses that can sustain its health.

Objectives

The aim of the **“National Convention on Green Technology”** is to provide a forum for experts from industry and academia everywhere in the world to exchange ideas and present results of on going research in green technologies.

The sub themes of the national convention will be

1. Alternative energy sources for power generation – recent developments.
2. Environment friendly technologies in process industries
3. Environment friendly technologies in metallurgical and mining sector
4. Green technology options in engineering industry
5. Innovations for environment preservation using biotechnological routes
6. Challenges to overcome ill effects of climate change
7. Challenges in green construction, transport, water and sanitation

Venue of Convention :

The 27 th. national convention of environmental engineers will be held at Mangalore, Dakshina Kannada District, Karnataka on 24-25 January 2012.

About Mangalore:

Mangalore is located on the West Coast of Karnataka, bordering Kerala state in the south. It is about 350 Km from Bangalore. Four national highways – NH 66 from Panvel to Kochi (formerly known as NH-17), NH-75 connecting Bangalore to Mangalore (formerly known as NH-48), NH-169 connecting Solapur to Mangalore (formerly known as NH-13) and NH-73 connecting Mangalore to Tumkur. The region is blessed with verdant green fields and coconut palms. Famous as a religious centre, Mangalore has also got number of beaches to set the mood for an unforgettable visit.

How to reach Mangalore

By Air : Mangalore (Bajpe) airport is located nearly 10 km away from the heart of the city. Mangalore has regular flights from Mangalore to Bangalore and Mumbai. Pre-paid Taxi services are available from airport to city costing about Rs 400/-.

By Rail : Mangalore has two stations, Mangalore Central and Mangalore Junction. trains on the Konkan Railway from Delhi, Mumbai and Madgoan towards Calicut stop at Mangalore Junction, which is about 7 Km from Mangalore City. Trains to Bangalore and Chennai are available from Mangalore central.

By Road : Mangalore can be reached by road from Mumbai, Bangalore or Calicut through any of the four national highways (NH 66, 73, 75 and 169) passing through Mangalore.

Call for papers

Original research papers and critical reviews or key note papers are invited from academicians, industry personnel, entrepreneurs, students, R & D organizations, engineering and management institution on any of the topics related to the sub-themes of the convention.

Instructions to Authors :

The national convention would bring out a proceedings of the convention wherein full original papers would be published. The review process of submitted manuscripts will be overseen by technical committee. Submission of a manuscript implies that it has not been published or considered for publication elsewhere (except author's own patent disclosures). Authors should submit their manuscript files **online**. Only DOC files are accepted. Prospective authors should maintain the following instructions for submitting a manuscript.

Manuscript Preparation

Manuscripts must be written in English typed in single column on numbered pages of A4 size. Font size 12pts Times New Roman, single spacing. All pages should have top, bottom and right margins of 25.4 mm and 32 mm left margin.. All the papers should have i) Title of paper (concise). ii) Authors' names (given name, middle initial and surname), affiliations, addresses. and e-mail address. iii) Abstract: A brief summary (less than 300 words for research papers and journal reviews) of scope, significant results and conclusions, followed by five keywords. iv) Main Text: For example, main headings will be Introduction, Experimental, Results, Discussion, Conclusions, (Appendix), (Acknowledgment), Nomenclature, List of References. Cite Literature in the text as

:Carslaw and Jaeger (1960), Tan and Liou (1989a, 1989b), The use of SI units is recommended. Use standard conventions for Nomenclature. List the references in alphabetical order.

For the typesetting of the publication, authors will be required to submit original text and figures online in separate files. All the figures should be of professional quality.

Authors must send a certificate stating that the paper is original and has not been published/submitted for publication elsewhere. A copyright transfer statement which serves as a transfer of copyright from the authors to convention organizers should be provided before publication of the proceedings..

Important Dates :

1. Last date of submission paper: 15th October, 2011
2. Communication for acceptance of paper: 20th November, 2011
3. Last date of Registration: 25th December, 2011
4. Conference dates : 24 -25 January 2012.

Registration

The participants may register in advance by remitting the registration fee as indicated below in the enclosed Registration Form duly filled in.

| <u>Category</u> | <u>Registration before 25.10.2011</u> | <u>Registration after 25.10.2011</u> |
|--------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Member of IEI | Rs. 1500/- | Rs. 2000/- |
| Non-members | Rs. 2000/- | Rs. 2500/- |
| Spouse | Rs. 300/- | Rs. 300/- |
| Students* (*To be certified by head of Institution) | Rs. 1000/- | Rs. 1500/- |
| IEI Student Member | Rs. 500/- | Rs. 700/- |
| Foreign Participants | US\$50 | US\$60 |
| Sponsored | Rs. 2000/- | Rs. 2500/- |

Souvenir Sponsorship: As part of the convention it is proposed to bring out a souvenir highlighting the activities of the Institution of Engineers, memorial lectures and the abstracts of papers presented. Industries, Institutions and organizations are encouraged to sponsor the activity. The various categories are :

Sponsor: Rs. 60,000/- 5 free delegates + 1 inside full page colour advertisement + Name displayed as Sponsor in the venue.

Co-Sponsor: Rs. 30,000/- 3 free delegates + 1 inside full page colour advertisement + Name displayed as Co-Sponsor in the venue.

Advertisements are also invited from Industries, Institutions and organizations for publication in the souvenir. The rate for advertisement shall be as follows:

Inside half page colour: Rs. 6000/-
Inside full page colour : Rs. 10,000/-
Back cover outside colour: Rs.25,000/-

Payment

All payments should be made through Account Payee DD or at par Cheque drawn in favour of "The Institution of Engineers (India), Mangalore local centre" payable at Mangalore.

All communications may be sent to E-mail: environmentconvention@yahoo.com

OR

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National Advisory Committee

Chairman : Er. G Prabhakar, FIE, President, IEI, Kolkata

Vice Chairman : Er. A K Sinha, Chairman, ENDB, IEI, Kolkata

Convenor : Er. K Balakrishna, FIE , Chairman, IEI, Mangalore Local Centre

Members :

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6. Er. Vijayanarasimha, MD, MESCOM, Mangalore
7. Er. K Subba Rao, Director (Production & Projects), KIOCL, Mangalore
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10. Prof. T C Shivashankara Murthy, Vice Chancellor, Mangalore University, Mangalore
11. Er. Y C Mishra, Principal General Manager, BSNL, Mangalore
12. Shri I.S.N.Prasad, Project Coordinator, MSEZL, Mangalore
13. Er. Mohan Krishna, LEAD Principal, Infosys Technologies Ltd., Mysore
14. Er. Dr. K Gopalakrishnan, Chairman, IEI, Karnataka State Centre

Twenty Seventh National Convention of Environmental Engineers

on

“Green Technology”

January 24th & 25th, 2012

Registration Form

Name:

Designation:

Qualifications:

Mailing Address:

Phone:Mobile:

e-mail:

Institution/Organization:

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Category:

- Members of IEE, CSI
- Non-members
- Spouse
- Student Members
- Foreign Participants

Membership Number.....

Country.....

Passport Number.....

DD/Cheque No.....Date.....

Bank Name.....

Date:

Signature

Note:

(A) DD or Cheque at par should be drawn in favour of “The Institution of Engineers (India), Mangalore local centre” payable at Mangalore.

(B) Completed form with required endorsement should be sent to the Organizing Secretary by email or by post.

(C) Photocopy of the registration form is acceptable