



VISVESVARAYA BHAVAN

All India Seminar on “CONSERVE WATER - PRESERVE CLIMATE”

DECEMBER 28-29, 2011
HYDERABAD – A P



Under the aegis of
**Environmental Engineering Division Board
The Institution of Engineers (India)**

Organized by



The Institution of Engineers (India)
Andhra Pradesh State Centre
Energy Conservation Mission (ECM)



THE ORGANIZERS

The Institution of Engineers (India) is the largest multi disciplinary professional body of engineers. It encompasses 15 Engineering disciplines and provides engineers a global platform to share their professional interests and experiences. It also has the distinction of producing the maximum number of engineers in the Core Engineering disciplines.

In the relentless journey of 91 years towards advancement of engineering science, the IEI has been striving to promote the engineering and technology for Nation's development by organizing several technical activities across the country on topics of national importance through 101 State and Local Centers and 5 Overseas Chapters.

The Energy Conservation Mission a wing of the Institution of Engineers (India), Andhra Pradesh State Centre has been functioning from 16th December, 2003 with a special focus on '**Energy Conservation**'. It has organized several Seminars/ Workshops/ Competitions/Round Table Discussions/Exhibitions etc to build awareness among all sectors of the society to impregnate the culture of energy conservation by improving energy efficiency, adopting Renewable Energy and clean/green technologies for a better environment.

INTRODUCTION:

Water is a vital natural resource (one entity of **Panchabhootas**) that sustains life and is the medium in which all living processes occur. It is also a key resource for all economic activities ranging from agriculture to industry. **Due to the impact of 'Climate Change', availability of water may become a major issue in many parts of the world with India not being an exception in the future.**

In many places, climate – related events have become more frequent and more extreme. In developing countries extreme floods can result in many deaths, while in developed countries they can result in billions of dollars in damages. More intense droughts in the past decade, affecting an increasing number of people, have been linked to higher temperatures and decreased precipitation and are also frequently regarded as consequence of the mismanagement of resources and the neglect of risk management.

As per '**World Bank Report**', the water level in India has been going down consistently. In **1997**, the water level in India was somewhere around **550 cubic kilometers**. Out of this *surface water was around 310 cubic kilometers* and *ground water was around 240 cubic kilometers*. The level has **dropped down to 480 cubic kilometers in 2010** and is further **going to drop to 360 cubic kilometers in 2020** and **less than 100 cubic kilometers in 2050**. India is likely to have a **short-fall of about 324 bcm** (billion cubic meters) of water going by present per capita consumption per year **by the year 2050**.

To combat '**Climate Change**', Government of India has evolved the "**National Action Plan on Climate Change (NAPCC)**" which was released by the Hon'ble Prime Minister on 30th June, 2008. **Eight National Missions are envisaged under NAPCC** and one of them is '**National Water Mission**'. All the Missions are tasked to fulfill specific objectives spanning the remaining years of the 11th Plan and entire period of the 12th Plan period i.e. from 2012-13 to 2016-17.

The main objective of the National Water Mission is "**Conservation of water, minimizing wastage and ensuring its more equitable distribution both across and within States through integrated water resource development and management**". To achieve this objective, five goals were identified namely

- a) *Comprehensive water data base in public domain and assessment of the impact of Climate Change on water resources.*
- b) *Promotion of citizen and state actions for water conservation, augmentation and preservation.*
- c) *Focused attention to over-exploited areas.*
- d) *Increasing water use efficiency by 20 % and;*
- e) *Promotion of basin level integrated water resources management*

The **first and foremost objective** of this Seminar is fostering of the perfect understanding of climate change in its totality and applying the same in the successful implementation of '**National Water Mission**'.

Secondly, the role of water and its conservation in different sectors like *agriculture, industry & domestic*. Identify strategies that will

conserve, preserve and reduce the use of energy in equitable distribution of water to one and all.

In a proactive approach, supportive of **NAPCC**, The Institution of Engineers (India), A P State Centre, heralded by **Energy Conservation Mission (ECM)** initiated enlightened discussions on the two other energy based missions (National Solar Mission and National Mission for Enhanced Energy Efficiency) by organizing All India Seminars on “*Green Power Revolution*” and “*Enhanced Energy Efficiency*” respectively during January and November, 2010. ECM is now embarking on this All India event on the third profound Mission “**National Water Mission**” and beyond.

SCOPE OF THE SEMINAR:

- The All India Seminar will be organized in a manner befitting the importance of the subject and participation of high profile professionals as **invited speakers** to present various technical papers.
- The views of the speakers and participants of the Seminar will be consolidated and a report with recommendations will be prepared. The recommendations will be forwarded to all the concerned authorities for their consideration and implementation.

The Seminar provides a common platform for the expert engineers and professionals to share their views to fulfill the objectives of the National Water Mission to ensure the availability of water to one and all in the future and protection of environment. The Seminar offers excellent opportunities to the participant organizations to enhance their knowledge and understanding about water to face the challenges posed by climate change. This will not only help in the conservation of water in the National/Global interest but, also improve their, own sustainability.

The Seminar also provides great opportunity to the Manufacturers, Industry, Agriculture, Construction, Builders, Professionals, Water Resources Experts, Consultants, Research and Individual Organizations to meet decision makers, policy planners, business associations and prospective clients.

The broad topics to be covered in the seminar are as below:

1. Impact of Climate Change on Water Resources
2. Impact of Climate Change on Agriculture and Ecosystems due to water
3. Urban Water Management
4. Water Quality and Quantity – Challenges and Opportunities
5. Waste Water Reclamation and Artificial Recharge
6. Water Energy Nexus

METHODOLOGY:

The Seminar is proposed to be organized in **Six Technical Sessions** besides the **Inaugural** and the **Valedictory Sessions**. The Sessions will be devoted to presentation of Technical Papers by invited Experts and discussions thereon. There will be a session for Panel Discussion followed by the Valedictory Session for summing up the deliberations and for arriving at recommendations and Action Plan.

VENUE:

The Seminar will be held at the Institution of Engineers (India), A P State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad on November 10-11, 2011.

CALL FOR PAPERS:

Technical Papers will be invited (relevant to the theme of the Seminar) from Key Researchers and Professors from Universities and Institutions. Technical Papers will also be invited from Engineers/ Executives /Managers of Water Resources departments, Equipment Manufacturers, Engineering Consultants etc. The Technical Events Committee will scrutinize the technical papers. The authors of selected papers will be invited to present their papers during the allotted slots. However, all the technical papers relevant to the theme of the Seminar will be published in the technical volume or released as a CD/DVD during the Seminar.

DATES TO REMEMBER:

Receipt of Abstract /Title of the Paper **November 28, 2011**

Communication of Acceptance of Abstract **December 8, 2011**

Receipt of Full Text of Paper as per the format **December 18, 2011**
(MS word – Arial Font & Font Size 11)

Dates of the All India Seminar **December 28-29, 2011**

Please note that the organizers will not be able to meet the travel expenses of authors due to financial limitations.

PROGRAMME:**December 28, 2011 - Wednesday (First day)**

0830 hrs - 0930 hrs **Registration of Delegates**

0930 hrs – 1100 hrs **INAUGURAL SESSION**

1100 hrs – 1130 hrs **HIGH TEA**

1130 hrs – 1300 hrs **TECHNICAL SESSION I**

1300 hrs – 1400 hrs **LUNCH**

1400 hrs – 1530 hrs **TECHNICAL SESSION II**

1530 hrs – 1545 hrs **TEA**

1545 hrs – 1715 hrs **TECHNICAL SESSION III**

December 29, 2011 –Thursday (Second Day)

0930 hrs – 1100 hrs **TECHNICAL SESSION IV**

1100 hrs – 1130 hrs **TEA**

1130 hrs – 1300 hrs **TECHNICAL SESSION V**

1300 hrs – 1400 hrs **LUNCH**

1400 hrs – 1530 hrs **TECHNICAL SESSION VI**

1530 hrs – 1630 hrs **PANEL DISCUSSION**

1630 hrs – 1700 hrs **TEA**

1700 hrs – 1800 hrs **VALEDICTORY SESSION**

PARTICIPATION:

The Seminar is expected to be attended by experts and officials from Central and State Government bodies, regulatory authorities, utilities, industry, project developers, financial institutions etc. Interested participants from these organizations as well as academic, research, consultancy organizations and all those who wish to participate are welcome to register and attend the event.

ADVERTISEMENT TARIFF:

A Technical Volume in A4 size will be brought out on this occasion for distribution to the delegates as well as to various related organizations across the country. It has been decided to accept advertisements from various organizations for publishing in the Technical Volume. The tariff is indicated below:

Back Cover (Outside) Multi Colour	Rs.	25,000/-
Front Cover (Inside) Multi-Colour	Rs.	20,000/-
Back Cover (inside) Multi-Colour	Rs.	15,000/-
Full page Multi Colour (inside)	Rs.	12,000/-
Inside Full Page (Black & White)	Rs.	8,000/-

SPONSORSHIP:

Sponsorship opportunities are available to Corporate Bodies as well as Government Agencies to support the organization of the event. Sponsorship will be acknowledged by inclusion of the sponsors' names and logos on backdrops, banners and in the Technical Volume / Proceedings of the Seminar.

	CONTRIBUTION	PRIVILEGES
Principal Sponsor	Rs. 2,00,000/-	6 Delegates + Inside Full page Advertisement on Art Paper free + One page profile of the respective Organization will be included in the Technical Volume
Sponsor	Rs. 1,00,000/-	3 Delegates + Inside Full page Advertisement on Art Paper free + one page profile of the respective Organization will be included in the Technical Volume.
Co-Sponsor	Rs. 50,000/-	2 delegates + inside full page Advertisement free.
Delegate Kit	Rs. 50,000/-	Sponsorship will be acknowledged by displaying banners indicating the names of Sponsors. They can also exhibit their products. Plus two delegate free.
Sponsoring One Lunch	Rs. 30,000/-	
High Tea	Rs. 20,000/-	
High Tea	Rs. 20,000/-	

REGISTRATION:

Registration of delegates will be made in advance on payment of registration fee as indicated below along with filled in registration form and other requirements:

Corporate Members of IEI	1,000/-
Non-Member (Individual)	1,500/-
Sponsored Delegates from Industry / Research Organizations/ Government Organizations	2,500/-
Sponsored Delegates from Educational Institutions	1,500/-
Engineering College Students (application may be sent through the HOD of their College)	200/-

ACCOMMODATION:

Hotel accommodation can be arranged by the Organizers on request from the delegates in the Local Hotels. The names of the Hotels and their tariff are given separately in this brochure. Delegates requiring accommodation are requested to write to us well in advance along with Demand Draft drawn in favour of “The Institution of Engineers (India), A P State Centre” payable at Hyderabad.

PAYMENTS:

All payments towards sponsorship and registration fees may be made through A/c payee cheque or draft drawn in favour of “**IEI – Energy Conservation Mission – APSC**” payable at Hyderabad.

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Dr Rao M R
Former Scientist
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REGISTRATION FORM

**ALL INDIA SEMINAR ON
“CONSERVE WATER - PRESERVE CLIMATE”**

18-29, December 2011

1. Name (block letters).....
2. Designation & Organisation.....
3. Mailing Address.....
.....
.....
4. Tel : (O).....(R)..... Fax :.....
e-mail.....
5. Organisation/Company Sponsored Delegates/Member of IEI/
Individuals/ Non members/ Student members (Strike off not
applicable)
6. IEI Membership Grade & No.....
7. Registration Fee enclosed Rs.....
8. Advance for Accommodation Rs.....
Total Enclosed Rs.....
9. Mode of payment: A/c Payee Cheque (**Local**) Demand Draft
(**Outstation**) No date
Bank and Branch..... in favour of “*The
Institution of Engineers (India), A P State Centre*” payable
at *Hyderabad*.

Encl: Signature of Delegate/Attendee

Note: For addl.Registration Xerox proforma of this Regn. form may be used.

REGISTRATION FORM TO BE SENT TO

The Organizing Secretary
All India Seminar on “**Conserve Water Preserve Climate**”
The Institution of Engineers (India)
Andhra Pradesh State Centre, “Visvesvaraya Bhavan”,
Khairatabad, Hyderabad - 500 004. Phone: 040: 23314969
Fax : 040-23314024, Email: ieiapsc@gmail.com,
Website: www.ieiapsc.org.in

ACCOMMODATION

Name of Hotel	Tariff /Day Rs.(Approx)	PHONE (STD 040)
Taj Krishna	16500 – 80000	66662323
Taj Deccan	11500 – 50000	66663939
ITC kakatiya	14000-70000	23400132
Taj Banjara	10500-45000	66669999
Novotel	9500-28500	66824422
The Golkonda	8000-12500	66110101
Fortune Select Manohar	10000	39884422
Hotel Green Park	5250 -10500	23757575
Kasani GR Hotel	4500-10000	40409999
Minerva Grand Banjara	4000-7500	66127373
Inner Circle	3500-15500	23302330
Mandava Suites	3500-4000	23114477
Kamat Lingapur	3000-4300	27764242
Amogh Boutique Hotel	2900-3900	23420582
Hotel I K London Residency	2700-4700	23306600
Baseraa Inn	1600-2600	23298811 /22
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Peppermint Hotels	-	44351234
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Hotel Siddartha	650-2750	24740222
Hotel Ashoka	640-1480	23230105
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Sri Venkateswara Hotel	600	23214403
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