

**National Conference  
On  
Water Purification Technologies  
and Management  
(InDACon 2012)**

**Date & venue  
February 8<sup>th</sup> & 9<sup>th</sup>, 2012**

**South Indian Education Society  
Educational Campus  
Nerul, Navi Mumbai**



**Organized by**



**In association with**



**Indian Desalination Association**

**About the Conference**

The main goal for this conference is to take stock of research and development of water purification technologies in the global scenario as well as in the Indian context, to assess their extent of implementation for societal benefit and to evaluate the link between development, demonstration and deployment for improving the supply of safe water for public consumption and industries. The demand for the fresh and pure water has been increasing on the one hand while environmental degradation of our water resources are dwindling gradually. Water purification at the point of consumption has become a reality due to several intricate developmental and social issues and the appropriate, reliable and economically sustainable technologies need constant review and assessment. An integrated water resource management philosophy requires synchronization of supply, demand, quality reliability and overall economics. Efficient use of water resources involves recovering & recycling of spent streams, rain water harvesting and resource augmentation through desalination. Government of India has been focusing its attention to ensure distribution of fresh water at affordable costs. This calls for a review of the state of art of various components of the integrated water resource management schemes in the Indian context from the point of view of design & implementation at the macro & micro levels and to identify suitable remedial measures. In view of this, South Indian Education Society in collaboration with Indian Desalination Association has planned a two day symposium on ' Water Purification Technologies & Management ' during February 8<sup>th</sup> & 9<sup>th</sup>, 2012. This Conference is designed to provide a platform where in experts of desalination technologies, researchers, policy makers, fund providers, users and suppliers are brought together to deliberate on various issues concerning the technical, economical and installation aspects of different water management schemes. It is our earnest hope that this Conference would enable to formulate necessary guidelines to achieve the objective of providing affordable fresh water to improve the quality of life and accelerate industrial growth. The symposium intends to cover a wide range of topics:

Indian scenario in overall water resource management: Present status and future challenges.

- Thermal desalination, co-generation systems, waste heat utilization and solar desalination: options & challenges.
- Membrane based point of use and waste water recycling technologies
- Integrated water management
- Safe water supply at remote areas
- Water quality assessment
- Bioremediation as a viable option for safe water treatment.
- Economics & financing aspects in water management and case studies.
- Nanotechnology for desalination and water purification

**About the Institute**

The South Indian Education Society (SIES) is one of the oldest educational societies in Mumbai and was pioneered in 1932. SIES has established a high school, an array of arts, science and commerce colleges, along with academic and professional institutions of higher learning. This includes establishments of Center for Excellence in Management Research and Development (CEMRD), SIES School of Packaging, SIES Indian Institute of Environment Management, and SIES Graduate School of Technology (an engineering institute). SIES has been expanding the canvas of its activities and the sweep of its influence to cover important social causes and societal obligations. The Society is involved in various research and developmental activities of interest to societal well being. The various institutions of SIES are spread across Mumbai and Navi Mumbai. The Symposium venue is located in Nerul, Navi Mumbai along Sion Panvel Highway and is accessible by local train, State Transport buses and is about 25 kms from Mumbai domestic airport.

**Submission of Abstracts & Papers**

Original works and critical reviews are invited for presentation. Special session will be held for students presenting papers. Authors are requested to submit the abstract of their papers not exceeding



500 words in duplicate along with soft copy in windows word format to Secretariat, InDACON-2012. Full paper should be submitted in electronic version in window format only. Limited number of students and faculty members from outside Mumbai presenting papers could be paid TA/DA subject to availability of funds and receipt of grant for the same. Those interested may apply well in advance. Limited number of accommodation for outstation participants could be arranged on request. Kindly contact the Organizing Secretary for accommodation tariff and other details.

Submission of abstracts : 15-11-2011  
Submission of full paper: 15-12-2011  
Intimation of acceptance: 31-12-2011

### Registration

Participants are requested to register well in advance using the registration form (or Xerox copy).

Registration Fee:  
Life Member of InDA : Rs. 800  
Academic, Research Institutes : Rs. 1000  
Industries & Others : Rs. 2000  
Spouse (Outstation) : Rs. 300  
PG Students : Rs. 500  
Foreign delegates : US\$ 100

### Payments

All payments may be made by draft or cheque drawn in favour of 'InDACON-2012' payable at Nerul, Navi Mumbai.

### Sponsorship

Industries, government and semi-government, private institutions, equipment manufacturers and suppliers are welcome to sponsor / co-sponsor this Conference. For details, please contact Convener/ Organizing Secretary.

#### Souvenir

Souvenir will be published to commemorate the occasion and made available to all the delegates. You are requested to support the symposium through advertisements. The advertisement rates are:

Back Page (Multi color) Rs.30,000/-  
Full Page (Black & White) Rs. 5,000 /-  
Inside Cover Page(Multi color) Rs.20,000/-  
Half Page (Black & White) Rs. 3,000/-  
Full Page (Multi color) Rs.10,000/-  
Profile of Industry/Companies  
(Black&White Max.2pages) Rs.10, 000/-

### Exhibition

It is proposed to hold an exhibition of products, instruments and equipments relevant to water treatment. Please contact the organizing secretary for details.



**For all correspondence please contact**

**Prof. C. S. Purushoththaman**  
**convener**  
**Dr. V. Ramachandhran**  
**Co-convener**  
**Dr. S.N.V. Shivkumar-**  
**Organizing Secretary**

**SIES Indian Institute of Environment**  
**Management**  
**Plot 1E, Sector 5, Sri Chandrashekarendra**  
**Saraswati Vidyapuram**  
**Nerul, Navi Mumbai 400 706**  
**Tel.: 022 -27702078, 022-27702104**

**E mail: [indacon2012@siesiiem.net](mailto:indacon2012@siesiiem.net)**

### National Advisory Committee:

Dr. Chandra Krishnamurthy, SIES, Mumbai  
Mr. S.K. Ghosh, BARC, Mumbai  
Dr. P. K. Tewari, BARC, Mumbai  
Dr. H.S. Maiti, Ex-Director CGCRI, Kolkatta  
**Dr. Arnab Majumdar, JU, Kolkata**  
Prof. V.V.Mahajani, Mumbai  
Dr. V. Mohan, Anna University, Chennai  
Dr.R.C. Maheswari, VC, SDA Univ. (Guj)  
Mr. Sriram Kulkarni, Technochem, Mumbai  
Dr. S. Prabhakar, BARC, Mumbai  
Dr. K. Vijaya Lakshmi, VP, Dev.Alter. N. Delhi  
Mr. V.K.Srivastava, BARC, Mumbai  
Dr. Sanjay Bajpai, DST, New Delhi

### National Organizing Committee:

Mr. Vineet Saini, DST, New Delhi  
Dr. Hersha Mehta, SIES, Mumbai  
Dr. Minoo Thomas, SIES, Mumbai  
Mr. Venkataraman, SIES Mumbai  
Mr. K. P. Gwalani, Mumbai  
Dr. R.C. Bindal, BARC, Mumbai  
Ms. Saly T. Panicker, BARC, Mumbai  
Mr. A.K. Adak, BARC, Mumbai  
Mr. M. Chandrasekhar, BARC, Mumbai

### Local Organizing Committee:

Ms.Rita Basu, SIES, Mumbai  
Dr. Devayani Savant, SIES, Mumbai  
Dr. Seema Mishra, SIES, Mumbai  
Ms. Jyothi Koliyar, SIES, Mumbai  
Ms. Rupali Zele, SIES, Mumbai  
Ms. Neha Patange, SIES, Mumbai  
Ms. Puja Desai, SIES, Mumbai  
Ms.Amruta Diwan, SIES, Mumbai  
Dr. A.K. Ghosh, BARC, Mumbai  
Mr. G. Kishore, BARC, Mumbai  
Mr. Soumitra Kar, BARC, Mumbai



Registration Form (InDACON-2012)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Qualifications: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

### Contacts

Phone: \_\_\_\_\_  
(office)\_ (Mobile/residence)

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

**Registration fees**  
Amount

Cheque/DD no: \_\_\_\_\_

Date: \_\_\_\_\_  
(In favour of the InDACON 2012)

Bank (branch)

- Copies of the original registration form accepted
- Students will forward their forms through their colleges

- Last date for the receipt of registration form and fees is 15-1-2012
- The Conference is a non-residential program and the participants are expected to make their own arrangements for travel and stay.
- The amount will cover course material, handouts, food and refreshments and participation certificate to students