

National Conference
on
"Desalination and Water Purification for
Defence and Civil Applications"



March 22-23, 2017

Organised by

**Defence Laboratory, Jodhpur
&
Indian Desalination Association
(InDA)**



Venue

Defence Laboratory, Ratanada Palace,
Jodhpur-342011(Rajasthan)
Telephone No: (0291) 2510641, 2510093
Fax No: (0291)2511191, 2510260

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Contamination of water bodies by human activities and natural causes is a major concern for the country. Contamination and poisoning of large water bodies by Chemical, Biological, Radiological and Nuclear (CBRN) agents is a potential threat. Disposal of toxic metals due to industrial processes, research and development, mining and other activities also results into pollution of water bodies. Acute shortage of water in certain zones and seasons calls for water recycling, proper waste disposal, use of low water consumption fittings, etc. There is a need to constantly evolve technological solutions for all these problems.

Purification, desalination and quality management of water have been thrust areas of **Defence Laboratory, Jodhpur (DLJ)** since last more than three decades. The laboratory has developed products and provided services on water quality management to the Indian Defence forces. **Indian Desalination Association (InDA)** is an affiliate of International Desalination Association (IDA) and Asia Pacific Desalination Association (APDA). It is a renowned body in the field of desalination and water reuse. It has played very active role in spreading the awareness and propagating the Science and Technology of desalination and related fields. **On the occasion of the World Water Day, DLJ and InDA are jointly organizing a 2 day National Conference on "Desalination and Water Purification for Defence and Civil Applications" at DL, Jodhpur during 22-23 March 2017.**

Objective

To provide a national forum for researchers, industry practitioners and academicians to deliberate on the water related problems being faced by Armed, Paramilitary Forces, NDRF and civil population. To form working groups of national experts with an aim to provide solutions to specific water related problems. To deliberate on short and long term action plan to address the current and future water related problems faced by the Armed Forces and civilian population of the country.

Scope

The conference would consist of scientific sessions that will include several invited lectures besides presentation of contributory papers and posters. The national conference will stimulate the researchers and academicians with domains expertise to participate, contribute and explore the technical abilities and finally to be a part of a process to provide solutions to identified problems. The conference would provide an effective platform for exchange of thoughts among the researchers, which would generate ideas and provide technological solutions to the problems and challenges faced by various organizations including Defence services and Paramilitary forces.

Broad Areas

- i. Desalination
- ii. Armed /Defence Forces: Challenges & Solutions on Water
- iii. Compact Field Usable Water Technologies
- iv. Water Quality Monitoring Technologies
- v. Research in the Field of Water Chemistry
- vi. Membrane Science and Technologies
- vii. National Water Scenario: Current & Future
- viii. Analytical and Environmental Chemistry

Call for Papers

Authors are invited to submit original papers in the areas mentioned above. Prospective authors should submit their extended abstracts (2-3 pages, 2 columns in MS word format, Times New Roman, Font size 12 with single line spacing) at the following e-mail address:

rnunia@rediffmail.com

The abstracts should include the title of the paper (font size 14, bold, centre aligned), authors name, affiliation with e-mail id. They should also specify the participant presenting the paper by underlining his/her name in the abstract sent. The paper should bring out the originality and relevance to the fields. All submitted papers will be evaluated by a review committee. Authors whose abstracts are accepted for oral/ poster presentation will be requested to provide camera ready copy of the full paper.

Important Deadlines

Submission of extended abstracts	28 Feb 2017
Notification of abstract acceptance	10 March 2017
Submission of camera ready paper	15 March 2017
Date of Conference	22-23 March 2017

Registration Fees and Sponsorship

The registration fee will be accepted as crossed demand draft/ Cheque drawn in favour of Director, Defence Laboratory, Jodhpur till 20 March 2017.

Delegate(Category)	Fee, (Rs)
Delegates from Academia	1500/-
Delegates from Industry	2000/-
Research Scholar/PG students	1000/-
InDA Member	1000/-

Government/ Private Institutions/ Industries/ Equipment manufactures & suppliers are requested to avail the benefits as sponsor/ co-sponsor by contributing Rs. 2,00,000/-, Rs. 1,00,000/-, Rs. 50,000/-, Rs. 30,000 as Platinum/ Gold/ Silver/ Bronze sponsor respectively.

Accommodation

Limited accommodation on request can be arranged at DRDO transit Facility in Jodhpur (to the extent possible) on the first-come-first serve basis. Participants interested of availing the accommodation facility may interact with the convener/ secretary.

About Jodhpur

Jodhpur city is known as the "Sun City" for bright, sunny weather it enjoys all the year round. The city was founded by the chief of the Rathore Clan-Rao Jodha, in 1459. The city is second largest city of Rajasthan. Jodhpur is also known as "Blue City" for the blue colour on the houses in the old city area. Jodhpur is popular for a very rich cultural heritage and tourist destination, featuring many palaces, forts and temples, set in the stark landscapes of the Thar Desert. Jodhpur is connected to all major cities of India by air and train directly or via Delhi, Mumbai, Jaipur or Ahmedabad, The Sun City is well connected by roads to all cities and places of tourist interest in Rajasthan.



Contact persons:

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**Defence Laboratory, Ratanada Palace,
Jodhpur-342011 (Rajasthan)**

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Registration/ Sponsorship Form

National Conference on "Desalination and Water Purification for Defence and Civil Applications"

March 22-23, 2017

Defence Laboratory, Jodhpur-342011 (Rajasthan)

Name:

Designation:

Institution/ Organisation:

Address:

Tel No:

Fax No.

E-mail:

Accommodation Required: Yes/No

Presenting Technical paper: Yes/No

InDA Member: Yes/ No

Please specify: Academia/ Industry/Student

Registration Fees/

Sponsorship Amount:.....

..

DD/Cheque No:.....date:.....

Drawn on:.....

Signature

The completed form may please be sent to Dr. Rajesh Kumar, Secretary, **National Conference on "Desalination and Water Purification for Defence and Civil Applications"** Defence Laboratory, Jodhpur-342011 (Rajasthan).