



WADIS 2K11
International Workshop on
Advances in Disinfection Technologies



Date : February 9, 2011

**Venue : National Environmental Engineering Research Institute
(Council of Scientific and Industrial Research)
Nagpur 440 020, INDIA**

The National Environmental Engineering Research Institute is organizing an International Workshop on 'Advances in Disinfection Technologies' on 9th February 2011. The Workshop is intended to be an interactive session on the concerns, latest developments and selection related to disinfection technologies. This will bring the subject experts on a common platform for sharing their knowledge and experience to a focused audience. The participants will acquire knowledge on the latest developments, the best practices being followed by peers and gain a better understanding on disinfection technologies. This workshop is an international event attracting professionals and organizations from across India , UK and Spain.

Eminent experts from R&D and academic institutes are identified for presentation on various issues related to the International Workshop themes. Students and researchers will also present their work on the International Workshop themes during a poster session.

Workshop Themes

- *Bacterial contamination of water*
- *Advanced Disinfection Technologies for Potable Water and Wastewater Treatment for reuse*
- *Alternatives to Chlorine*
- *Disinfection technologies for rural population*
- *Solar powered technologies for disinfection*
- *Economics and sustainability of the technologies*
- *Case studies on disinfection systems*

Dr N. N. Rao
Convenor

Dr Rita Dhodapkar
Organizing Secretary



Dr Satish R Wate
Chairman

Dr Tapas Nandy
Co-Chairman

Chief Guest	<p>Prof S. P. Gautam Chairman, Central Pollution Control Board, New Delhi, India</p>
<u>KEYNOTE SPEAKERS</u>	
<p><i>Solar disinfection of water for developing countries: Photocatalytic enhancement</i> Dr J.A. Byrne, Head Photocatalysis Research Group , University of Ulster, Belfast, UK</p>	
<p><i>Applications of solar radiation to water disinfection</i> Dr Pilar Fernandez Ibanez, Plataforma Solar de Almeria (CIEMAT), Spain</p>	
<p><i>Role of river sediment in controlling bacteria in aqueous system - Application of bacteriophages</i> Dr T. Chakrabarti, Scientist H, NEERI & Acting Associate Director, AcSIR, New Delhi, India</p>	
<p><i>Chlorine disinfection in water and wastewater treatment with an emphasis on water quality issues</i> Prof Sudha Goel, IIT Kharagpur, India</p>	
<p><i>Nanosilver coated ceramic candle filters for disinfection of drinking water: Development of scientific basis and commercialization</i> Dr Tata N. Rao, Center for Nanomaterials, ARCI, Hyderabad, India</p>	
<p><i>Disinfection of a raw sewage polluted surface water source and resurrection of its abandoned 23 MLD water treatment plant (WTP) at Hosur, India- A case study</i> Dr S. Shaktheeswaran MRSPH (UK) , Creative Environmental Consultants , Chennai, India</p>	
<p><i>Ozone-disinfection of water and municipal wastewater: State-of-the art</i> Mr. V. Waindeskar, ORAIPAL, Nagpur, India</p>	
<p><i>Disinfection needs in developing countries</i> Dr N. N. Rao, NEERI, Nagpur, India</p>	
<p><i>Solar photo oxidative disinfection of drinking water– Lessons from field studies in India</i> Prof Shibu K Mani, Tata Institute of Social Sciences, Mumbai, India</p>	
<p><i>Photocatalytic disinfection – A review</i> Dr P. S. M. Dunlop, University of Ulster Belfast, UK</p>	
<p><i>Elemental chlorine - The universal water disinfectant</i> Dr Harisaran Das, Jt Director (SHE) Alkali Manufacturers' Association of India, Delhi, India</p>	
<p><i>Advanced disinfection technologies: General overview</i> Dr Rita S. Dhodapkar, NEERI, Nagpur, India</p>	
Chairperson, Concluding Session	<p>Dr R. A. Mashelkar Bhatnagar Fellow & President, Global Research Alliance , National Chemical Laboratory, Pune and Former DG CSIR, New Delhi, India</p>
<p><u>Principal Sponsor</u> <u>Co-Sponsor</u></p>	
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