



SWACHH BHARAT ABHIYAN



NATIONAL WORKSHOP ON INDIGENOUS WATER, WASTEWATER AND SOLID WASTE TREATMENT TECHNOLOGIES

JANUARY 19, 2015

GTU CHANDKHEDA CAMPUS
AHMEDABAD

Program Schedule

Organized By

The Department of Atomic Energy
Government of India



Knowledge Partner

Gujarat Technological University
Ahmedabad





National Workshop on Indigenous Water, Wastewater & Solid Waste Treatment Technologies

Monday, January 19th, 2015 : B-0, Conference Room, GTU, VGEC Campus, Chandkheda, Ahmedabad

09.00 - 10.00	Registration and Tea/Coffee with snacks	
	INAUGURAL SESSION	
	Lightening of lamp and prayer	Dignitaries on Dias
	Welcome to Guests	Shri J C Lilani Registrar Gujarat Technological University
	Introduction of Workshop	Dr. Akshai Aggarwal Hon'ble Vice Chancellor Gujarat Technological University
10.00 to 11.15	Brief Context of the Workshop DAE's Innovative Technologies available for Urban India for Water Treatment & Solid Waste Treatment	Ms. Nisha Singh IAS ,Jt. Secretary, Department of Atomic Energy, New Delhi
	Chief Guest Inaugural Address	TBD
	Key Note Speaker -1 Indigenous Water Technologies	Prof. Dr. P K Tewari Head, Desalination Division, Bhabha Atomic Research Centre (BARC), Mumbai
	Key Note Speaker -2 Mahatma Gandhi Swachhata Mission, Gujarat	Ms. Mona Khandhar IAS Secretary, Housing and Urban Development, Government of Gujarat, Gandhinagar
	Vote of Thanks	Prof. Shri Rajnikant Patel Advisor (RCSC) Gujarat Technological University
11.15 to 11.30	Tea/Coffee Break	



National Workshop on Indigenous Water, Wastewater & Solid Waste Treatment Technologies

TECHNICAL SESSIONS I

11.30 to 12.30

India's Urban Water and Sanitation Challenges and Role of Indigenous Technologies

11.30 to 11.45	Decentralized Waste Management is the Key	<p>Dr. Sharad P Kale Associate Director Bio-science Group, Bhabha Atomic Research Centre, Trombay, Mumbai (Chairman of the Session)</p>
11.45 to 11.55	Issues and challenges	<p>Prof. Saswat Bandopadhyay CEPT University, Ahmedabad</p>
11.55 to 12.10	Rajasthan initiatives in local self-government	<p>Shri Rajendra Vijayvargia Senior Town Planner, Directorate of Local Self Government, Government of Rajasthan, Jaipur</p>
12.10 to 12.20	Urban management Issues in Madhya Pradesh	<p>Shri Pravin Bhagvat Senior Urban Planner, CMA Urban Administration & Development, Government of Madhya Pradesh, Bhopal</p>
12.20 to 12.30	End of Technical Session II with Question-Answer Round	
CHANGE OVER		



National Workshop on Indigenous Water, Wastewater & Solid Waste Treatment Technologies

Technical Sessions II

12.30 to 13.30

Indigenous technologies for water & waste water treatment and for cleaning of Ganga & other water bodies

12.30 to 12.40		Chairman: Prof. (Dr.) K N Sheth Director, Sardar Patel College of Engineering and Dean of Interdisciplinary Research, Gujarat Technological University
12.40 to 12.50		Speaker 1: Prof. (Dr.) N S Varandani Former Professor of Environment Engineering, GTU and Principal Research Scientist, E&EERW, GERMI, Gandhinagar
12.50 to 13.00	Cleaning (Restoration) and Protection of Water Ways and Bodies - Ideas & Solutions	Speaker 2: Dr. B Nagendra Kumar Consultant, Coastal and Hydraulic Environmental Engineering, Chennai (On River Cleaning)
13.00 to 13.10	Unique Multistage Biological Treatment (MSBT) solution for existing as well as new waste water treatment plants	Speaker 3: Shri Maulik Joshi General Manager SSBI Infrastructure Pvt Ltd, Ahmedabad
13.10 to 13.20	Role of Environmental Isotope Techniques in Water Resources Development & Management	Speaker 4: Dr. U.K. Sinha Scientific Officer 'G', Isotope Production and Applications Division, Bhabha Atomic Research Centre, Mumbai
13.20 to 13.30	End of Technical Session II with Question-Answer Round	
13.30 to 14.30	Lunch Break	



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Technical Session III

14.30 to 15.30

Case study discussions on BARC indigenous water technologies already being used and dissemination of the technologies in Indian market

14.30 to 14.45	Indigenous Water Technologies	Chairman: Prof. (Dr.) P K Tewari Head, Desalination, Bhabha Atomic Research Centre (BARC), Mumbai
14.45 to 15.00	Implementing BARC's technology for Domestic Water Purifier	Speaker 1: Shri Pradip Lalla Director, M/s Sonadka Asangaon, Maharashtra
15.00 to 15.10		Speaker 2: Shri Gajendra Kulkarni Project Executive Officer, Rural Human & Resource Development Facility, Department of Atomic Energy Out Reach Centre, Pandharpur, Maharashtra
15.10 to 15.20	Environment Friendly Plasma Technologies: Developments at Institute for Plasma Research	Speaker 3: Prof S Mukherjee Associate Dean- Academics & Head FCIPT Division, Institute for Plasma Research - An Autonomous Institute of Department Atomic Energy, Gandhinagar
15.20 to 15.30	End of Technical Session III with Question-Answer Round	
15.30 to 15.45	Tea/coffee Break	



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Technical Session IV

15.45 to 17.00

Municipal Solid Waste Management

15.45 to 15.50		Chairman: Prof. Shri Rajnikant Patel Advisor (Research & Consultancy Services) Gujarat Technological University
15.50 to 16.05	Radiation Hygienisation of Municipal Dry Sewage Sludge for Agricultural Applications	Speaker 1: Dr. Lalit Varshney Radiation Technology Development Division, Bhabha Atomic Research Centre, Mumbai.
16.05 to 16.20	Refused Derived Fuel – An Emerging Processing Technology for Municipal Solid Waste Management	Speaker 2: Prof. (Dr.) K N Sheth Director, Sardar Patel College of Engineering and Dean of Interdisciplinary Research, Gujarat Technological University
16.20 to 16.35	PPP in Solid Waste Management: Opportunities and Challenges	Speaker 3: Shri Vijay Anadkat Fellow, EMBARQ WRI India
16.35 to 16.50	Bio Medical Waste Management	Speaker 4: Shri G H Trivedi Senior Engineer, Gujarat Pollution Control Board, Gandhinagar
16.50 to 17.00	End of Technical Session IV with Question-Answer Round	
CHANGE OVER		



National Workshop on Indigenous Water, Wastewater & Solid Waste Treatment Technologies

Panel discussions

17.00 to 17.45

Panel discussions on strategic technological options for Swachh Bharat Abhiyan (Clean India)

17.00 to 17.45	CHAIRPERSON: Dr. Rajul K Gajjar Dean Research, GTU & Principal, VGEC, Ahmedabad	
	Members 1: Dr. B Nagendra Kumar Consultant, Coastal and Hydraulic Environmental Engineering, Chennai	
	Members 2: Dr. Sharad P. Kale Associate Director Bio-science Group, Bhabha Atomic Research Centre, Trombay, Mumbai	
	Members 3: Prof S Mukherjee Associate Dean- Academics & Head, FCIPT Division, Institute for Plasma Research – An Autonomous Institute of Department Atomic Energy, Gandhinagar	
	Members 4: Prof. Sejal Patel Associate professor and Head, B Plan, Faculty of Planning, CEPT University, Ahmedabad	
	Members 5: Shri Rakesh Rawat Executive Engineer, Urban Administration, Government of Madhya Pradesh, Bhopal	
Summary of workshop discussions and way forward by Ms. Nisha Singh , Jt. Secretary, Department of Atomic Energy, New Delhi		
End of Panel Discussion with Question-Answer Round		
17.45 to 18:00	Valedictory function	Dr Akshai Aggarwal Hon'ble Vice Chancellor, GTU
Feedback from the participants and Distribution of Certificates by GTU		
End of Workshop & High Tea		