



PAVITRA GANGA



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GANGA

WORKSHOP

Innovative technologies for wastewater
treatment, reuse and resource recovery

SEPT 27 & 28 | IIT DELHI | INDIA



भारतीय प्रौद्योगिकी संस्थान दिल्ली
Indian Institute of Technology Delhi



IIT
Kanpur



IHE
DELFT

Institute for
Water Education
under the auspices of UNESCO

LEARNING OBJECTIVES

- (i) To apply professional knowledge to practically applicable wastewater treatment and resource recovery technologies
- (ii) To improve participants' analytical skills on physico-chemical and biological wastewater quality monitoring techniques
- (iii) To identify options for water reuse and resource recovery from wastewater and propose technological and management options to complement conventional STP approaches in India



HIGHLIGHTS OF THE WORKSHOP

- (i) Five keynote lectures by experts
- (ii) Lectures on eight innovative wastewater treatment technologies
- (iii) Field trip to the demonstration site in New Delhi
- (iv) An interactive group work session
- (v) Opportunity for joint learning, networking and future collaboration



SCHEDULE

DAY 1, September 27 Wednesday (HYBRID)	
9:00 h - 10:30 h	Inauguration and opening ceremony
9:00 h - 9:05 h	Welcome and opening note about the workshop - Eldon R. Rene (IHE Delft)
9:05 h - 9:15 h	Welcoming the delegates and participants - Prof. T. R. Sreekrishnan (IIT Delhi)
9:15 h - 9:30 h	The Pavitra Ganga Project: An Overview - Dr. Anshuman (TERI)
9:30 h - 10:00 h	Guest of honour: Dr. D. P. Mathuria [Executive Director (Technical), NMCG, Govt. of India]
10:00 h - 10:30 h	Group photo and coffee break
10:30 h - 12:30 h	Workshop session 1 (Moderators: Eldon R. Rene and Sofie Van Ermen)
10:30 h - 11:10 h	Keynote lecture 1: Ecotechnologies for the removal of heavy metals from wastewater - Prof. Purnendu Bose (IIT Kanpur)
11:10 h - 11:50 h	Keynote lecture 2: Current trends in monitoring water and wastewater quality - Prof. Shaikh Ziauddin Ahammad (IIT Delhi)
11:50 h - 12:30 h	Keynote lecture 3: A novel approach to achieving compliance: The methodology of CETP Vatva – Mr. Deepak Davda [Executive Director & CEO, GESCSL – Vatva]



SCHEDULE

DAY 2, September 28 Thursday (at IITD only)	
9:00 h - 12:30 h	Field trip
9:00 h - 12:30 h	Visit to the IITD WWTP and the Pavitra Ganga project demonstration site at Barapullah drain
12:30 h - 14:00 h	Lunch break
14:00 h - 15:30 h	Workshop session 3 (Moderators: Eldon R. Rene and Paul Campling)
14:00 h - 14:25 h	Keynote lecture 4: Soil aquifer treatment (SAT): A managed aquifer recharge approach for wastewater treatment and reuse - Dr. Saroj K. Sharma (IHE Delft)
14:25 h - 14:50 h	Keynote lecture 5: Recent innovations in the use of membranes to treat and reuse wastewater - Ir. Sofie Van Ermen (VITO)
15:30 h - 17:45 h	Group work activity and closure of the workshop
15:30 h - 17:30 h	Group work topic: Technological and management options to complement conventional STP approaches in India* <i>*Group presentation will be made by the participants, followed by discussions</i>



**MAY THIS WORKSHOP BE BLESSED WITH
SUCCESS – GOOD LUCK**



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**thank
you!**

