

Brief Profile – Dr. Girish R. Pophali, Chief Scientist, CSIR – NEERI

Dr. Girish is presently working as **Chief Scientist** and **Chair**, Institutional R & D Infrastructure, Planning & Management in CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur India.

He is a Graduate in Civil Engineering and obtained Masters Degree in Environmental Engineering from Govt. Engg. College Jabalpur. He acquired **Ph. D. in Environmental Engineering** from Nagpur University in 2007.

He has published more than **fifty papers** in National and International journals and authored five chapters in various books. Dr. Girish has guided more than 20 post graduate & undergraduate students for their project work and supervised 04 Ph. D. students. Dr. Girish has developed and implemented improved MBBR system for treatment of sewage at MIDC Butibori and also developed Novel Circular Secondary Clarifier called “Hydroplume” for improved solids-liquid separation in water and wastewater treatment. Hydroplume is included as one of the recent technologies in CPHEEO Manual 2013.

He has **Four International and Two National patents** to his credit. He is an **expert member** for BIS, Ministry of Urban Developments’ Committee for preparation of Manual on “Sewerage and Sewage Treatment”; National River Conservation Directorate (NRCD) Department of Water Resources, Ministry of Jal Shakti’s Committee for formulation of Guidelines on sewage sludge based on disposal/reuse options in India, MoEFCC committee for slaughterhouse guidelines.

Dr. Girish has also received International and National Awards; some of them include UN Habitat award & Dubai international award and Consultancy Development centre Award.

Dr. Girish has “**Twenty-seven years** Project Management, Engineering Design and Research experience, within Water and Wastewater treatment systems” and provided solutions to all types of Industrial wastewaters including Textile, Tanneries, Chemical, Pharmaceutical, Distilleries, Dairy, Slaughter house, SS rolling mills, Heterogenous etc. and developed Natural Treatment System for domestic Sewage.

He has successfully completed more than **30 projects** in last ten years on Water treatment; Domestic and Industrial wastewaters including turnkey assignments.

Currently, he is working on Indo – European Project on implementation of techno-economic solution for sewage and faecal sludge management under project called “PAVITR”; Adequacy Assessment studies, upgradation and retrofitting of 7 CETPs in Ahmedabad, Gujarat; Upgradation, retrofitting and implementation of 3.5 MLD STP at Special Economic Zone at Chennai; Checking & Vetting of 1.5 MLD CETP Dombivili; Implementation of sewerage system and 2 STPs at Narmada Nagar MP; Bio-medical and laboratory liquid waste treatment & management and Upgradation of large scale “slaughter house industries” in UP.