

DR. PRAVIN KUMAR MUTIYAR

Director (Technical), National Mission for Clean Ganga (NMCG)

Ministry of Jal Shakti, Government of India

Environmental Engineering | Wastewater Management | River Pollution Abatement



ADVISORY BOARD PROFILE

Name	Dr. Pravin Kumar Mutiyar
Designation	Director (Technical)
Department	Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Government of India
Organization	National Mission for Clean Ganga (NMCG), Government of India
Qualification	Ph.D. in Environmental Engineering, IIT Delhi; M.Tech. in Environmental Science & Engineering; M.Sc. in Environmental Sciences; UGC-NET/JRF
Experience	10+ years of senior technical leadership in environmental engineering, wastewater management, river pollution abatement and large-scale water and wastewater infrastructure

AREAS OF EXPERTISE

Wastewater Treatment & STPs • Sewerage Infrastructure & Pollution Abatement • River Rejuvenation & Ganga Basin Management • Industrial Wastewater & CETPs • PPP / HAM Wastewater Projects • Bio-CNG & Resource Recovery • Zero Liquid Discharge (ZLD) • Sludge Management • Online Monitoring of STPs • Emerging Technologies • Urban Water Management • Environmental Policy & Standards

BIOGRAPHY

Dr. Pravin Kumar Mutiyar is an Environmental Engineer and water-sector professional with extensive experience in wastewater management, sewerage infrastructure, industrial pollution abatement, river rejuvenation and sustainable urban water management. He has been serving as Director (Technical), National Mission for Clean Ganga (NMCG), Ministry of Jal Shakti, Government of India, since April 2016.

In his present role, he provides technical leadership for the planning, appraisal, implementation, monitoring and technology management of major wastewater and pollution-abatement projects under the Namami Gange Programme. He is presently associated with the technical management of a wastewater infrastructure portfolio exceeding ₹40,000 crore across the Ganga Basin.

His contributions include large-scale sewage treatment infrastructure, HAM-based PPP models for STPs, industrial pollution abatement, Zero Liquid Discharge (ZLD), Bio-CNG and resource recovery from sewage, sludge management and online monitoring of STPs. He is also a member of several technical committees, inter-ministerial groups and joint working groups.

He holds a Ph.D. in Environmental Engineering from IIT Delhi. His Google Scholar profile records 1,754+ citations, an h-index of 15 and an i10-index of 19.

KEY CONTRIBUTIONS

- Namami Gange Programme – Technical leadership for wastewater and pollution-abatement projects exceeding ₹40,000 crore across the Ganga Basin.
- Large-Scale Wastewater Infrastructure – Contributed to major STP projects under NMCG, including the Okhla STP project in Delhi, one of the largest sewage treatment facilities in Asia.
- PPP & HAM Innovation – Played a key role in introducing and developing the Hybrid Annuity Model (HAM)-based PPP framework for sewage treatment projects in India.
- Industrial Pollution Abatement – Contributed to the country's largest tannery-sector CETP and initiatives at Jajmau, Kanpur and Banthar, Unnao.
- Zero Liquid Discharge – Contributed to ZLD solutions for the tannery sector at Banthar, Unnao.

- Bio-CNG & Resource Recovery – Played a key role in developing and promoting the Bio-CNG model from sewage treatment plants.
- Digital Monitoring – Played a key role in introducing Online Monitoring Systems for STPs under NMCG.
- Sludge Management – Contributed to policies, guidelines and technical approaches for sludge management from municipal STPs.
- Policy & Standards – Member of technical committees and inter-ministerial groups dealing with effluent parameters, wastewater standards and revision of CPHEEO manuals.
- Legal & Regulatory Matters – Provided technical inputs on NMCG matters before the National Green Tribunal (NGT).
- Institutional Leadership – NMCG-nominated Director on the Boards of SPVs for tannery industrial clusters at Jajmau, Kanpur and Banthar.

RESEARCH METRICS

- Google Scholar: 1,754+ citations | H-index: 15 | i10-index: 19
- Citations since 2021: 999 | H-index since 2021: 14 | i10-index since 2021: 19
- Cumulative Journal Impact Factor: 85.5*

CONTACT

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