Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai-400019
Civil and Environmental Engineering Department

Name of the faculty	Dr. Abhishek Kumar Sinha
Designation	Tenure faculty
Qualification	PhD, Environmental Science and Engineering Department, IIT Bombay B tech, Department of Civil Engineering, IIT Bombay
Date of Joining VJTI	22 July 2026
Previous Experience	Project Research Scientist, IIT Bombay and Senior Research Fellow, IIT Bombay
Contact No. / E-mail Personal website link	9167942734, aksinha@ci.vjti.ac.in
Area of Research	**Water Supply:** Appropriate designs; Design norms for water supply, Improve intermittent water supply; Water audit; GIS applications; Hydraulic modeling; IWS modeling; Pressure management **Assessment/evaluation of government program:** Essential component of assessment, Techno-economic-social assessment techniques, Gap identification and formulating remedy space, Development of performance Indicator, Identification and documentation of best practices, Cost-benefit analysis. **Prototype Development and Field Assessment Technique:** Prototype for the Manifold system. Modular Demonstration setup for water supply systems, Field technique for intermittent water supply network, Pressure and flow monitoring for hydraulic performance assessment
Subjects Taught	1. Design of Hydraulic Structures, 2. Appraisal Implementation for Infrastructure Projects, 3. Fluid Mechanics Lab



Publications

Journal Publication		Conference Publication		Book Chapters
International	National	International	National	
4	1	12	4	0

H Index: Google Scholar: 3 ; Scopus:3

Research Guidance	(i) M.Tech Guided: Completed: 0 ; Ongoing :0 (ii) Ph.D Guided.:- Completed: 0, Ongoing :0
Patent	Kalbar, P., Ghorpade, A., and Sinha, A.K. (2021). A Zonal Storage water supply system with Hydraulic Isolation Structures and a method thereof. (Indian patent, application no. 202121029380). Office of the Controller General of Patents, Designs and Trade Marks, Government of India
Collaboration/Interaction with outside word	
Consultancy works undertaken	
Honors and Awards Received	1. Received the Shri. P.V. Patki Memorial prize by the Indian Water Works Association (IWWA) for the best article written in the journal during 2022 on "Low-cost Interventions for improving water supply systems in India," published in the July–September 2021 issue of IWWA Journal. 2. Received the best paper prize by the Indian Water Works Association (IWWA) for "Zonal Storage with Hydraulic Isolation Structures for Equitable Water Supply" published at the 55th IWWA Annual Convention, 20th -22 January 2023, Pune.
Membership of Professional Body/ NGO	International Water Association
Training Programmes /Courses/workshops Organized	
STTPs/workshops / conferences Attended	
NPTEL/MOOCs Courses undertaken	
Other Notable Achievements	