

Name of Institute	Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai-400019				
Name of the faculty	Dr. Abhaykumar Shivajirao Wayal				
Designation	Head and Associate Professor Civil & Environmental Engineering Department, VJTI Former Associate Dean (Infrastructure & Planning)				
Qualification	B.E.(Civil), M.E.(Civil), Ph.D.(Civil Engg.)				
Date of Joining VJTI	12 th July 2011 Joined as Associate Professor (Previous regular service with Govt. aided Institution KJSP, Mumbai, From 1 st April, 1996)				
Contact No. / E-mail	022-24198140, M-9320083608, aswayal@ci.vjti.ac.in				
Area of Research	Water Resources Engineering, Surface and subsurface hydrology, Ground improvements, Water harvesting techniques, Watershed management, Rainfall runoff modeling, Flood mitigation, Construction techniques.				
Subjects Taught	Advanced Hydrology, Environmental Impact assessment, Estimating, Costing and Valuation, Water resource Engineering, Construction Resource Management.				
Publications	Journal Publication		Conference Publication		Book
	International	National	International	National	Chapters
	45	07	16	40	02
	H Index: Google Scholar: 14 ; Scopus: 5				
Research Guidance	(i) M.Tech Guided: Completed: 64 ; Ongoing :4 (ii) Ph.D Guided.: - Completed: 04, Ongoing :3				
Patent	Granted : Patent No.372285 , “Automatic Zero Energy Flood Gate” dated 20/07/2021 by The Patent Office, Government of India.				
Collaboration/Interaction with outside world	<ol style="list-style-type: none"> Expert Member, National Board of Accreditation (NBA), New Delhi Member AICTE committee of Expert Visiting Team(EVC), Standing Hearing Committee (SHC), Standing Appellate Committee (SAC), New Delhi Delivered Expert talks on various technical and Quality aspects in Education (50+ Nos.) Reviewed Self-Assessment Reports (SARs) of NBA for 25+ Programmes Completed sponsored research project of Department of Science and Technology, Govt. of India (DST) titled “ Ground improvement of dune sand fields for water harvesting and moisture retention”, in collaboration with GRAVIS, Jodhpur during Dec 2012 to Nov 2014, Funded by DST Completed research Project under RPS of AICTE titled “Design of water distribution network and water quality analysis by using various optimization techniques under deficit conditions” funding from AICTE ,2018-2021. Completed AICTE MODROBS “ Modernization of Transportation Engineering Lab” funding from AICTE, 2018-19 Completed AICTE MODROBS “ Modernization of Surveying Lab” funding from AICTE, 2019-20 Completed Sponsored research project funded by Industry “Field modelling and experimentation for efficiency improvement of plumbing fixtures and water supply networks” Funded by Dhruv Infrastructure (2018-2021) Member, Editorial Board , Journal of Indian Water Works Association (2013-2017) Reviewer, Journals of ASCE, Elsevier, Springer Nature, IWWA etc. Examiner for Ph.D., M.Tech/ M.E. for various universities 				
Consultancy works undertaken:	<ol style="list-style-type: none"> Third party Quality audit of roads , buildings and other construction facilities for MMRDA, MCGM, KDMC, Smart City projects and Directorate of Municipal Administration (DMA), Govt. of Maharashtra for various Corporations and Nagar Palika's. etc. 				

	<p>works for MCGM.</p> <ol style="list-style-type: none"> Structural audit of Buildings of MCGM, MMRDA, PWD, Tribal development Department, Various Cooperative Housing societies and other Municipal Corporations/ Nagar Palika's etc. Design Proof check for Storm water drain designs, Flooding studies etc.
Honors and Awards Received	<ol style="list-style-type: none"> Research Paper with my Ph.D. scholar Mr. Satish Deshmukh, has been conferred the Hem-Prabha S.N. Gupta award by the institution of Engineers India on 26th December, 2021 at Vigyan Bhawan, New Delhi Awarded “Best Professor in Civil & Environmental Engineering” during “10th Innovative Education Leadership Awards” by DNA and Stars Group, on 16th Feb, 2018 at Mumbai Awarded with the citation "50 MOST IMPACTFUL LEADERS IN WATER&WATER MANAGEMENT" (Global Listing) at the hands of Hon. Karleen Maywald, Water security Minister, Govt. of. Australia., During World CSR Congress 2016, on 17th February, 2016 at TajLands End, Mumbai organized by World CSR day “Favorite Teacher 2012”by the hands of Padmashree Kranti Shah, on Teacher's Day 2012, presented by Students Welfare Association, V.J.T.I. on 5th Sept 2012 at V.J.T.I. Mumbai. “World chairman's appreciation award-2010” from Giants International, during Giants International Convention at Mumbai on 19th Dec.2010 for contribution in social work
Membership of Professional Body/ NGO	<ol style="list-style-type: none"> Life Member, Indian Society of Technical Education. (LM 25843) Life Member, Institute of Engineers, India. (MIE 135250-9) Life Member, Association of Structural Rehabilitation, (M-A00196) Life member, Indian Water Resources Society, (LM-10-7271) Life member, Indian Geotechnical society (M-1177) Life Fellow, Indian Water Works Association (LF-1202) Life Member, Indian Concrete Institute (ICI, LM-13635) Member, Giants International, India based International Service Organization. (Associated since 1999)
Training Programmes /Courses/workshops Organized	Organized Eleven (11) Training Programmes of one day to two week duration for the faculties and industries at State/National level
STTPs/workshops / conferences Attended	Thirty one (31) workshops /courses attended as participant in the areas of interest
Coursera Courses	Completed ten (10) Coursera Certificate Courses of Four to Eight weeks duration