<table>
<tr><td>Name of Institute</td><td>Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai-400019</td></tr>
<tr><td>Name of the faculty<br>Designation</td><td>Dr. Abhaykumar Shivajirao Wayal<br><br>Dean (Quality)<br>Associate Professor<br>[Former Head Civil & Environmental Engineering Department and Former Associate Dean (Infrastructure & Planning) & Asso Dean (Quality Assurance)]<br></td></tr>
<tr><td>Qualification</td><td>B.E.(Civil), M.E.(Hydraulics), Ph.D.(Civil Engg.)</td></tr>
<tr><td>Date of Joining VJTI</td><td>12th July 2011 Joined as Associate Professor (Previous regular service with Govt. aided Institution KJSP, Mumbai, From 1st April, 1996)</td></tr>
<tr><td>Contact No. / E-mail</td><td>M-9320083608, aswayal@ci.vjti.ac.in</td></tr>
<tr><td>Area of Research</td><td>Water Resources Engineering, Surface and subsurface hydrology, Ground improvements, Water harvesting techniques, Watershed management, Rainfall runoff modeling, Flood mitigation, Construction techniques.</td></tr>
<tr><td>Subjects Taught</td><td>Advanced Hydrology, Environmental Impact assessment, Estimating, Costing and Valuation, Water resource Engineering, Construction Resource Management.</td></tr>
<tr><td>Publications</td><td>
<table>
<tr><td colspan="2">Journal Publication</td><td colspan="2">Conference Publication</td><td>Book</td></tr>
<tr><td>International</td><td>National</td><td>International</td><td>National</td><td>Chapters</td></tr>
<tr><td>48</td><td>08</td><td>20</td><td>40</td><td>02</td></tr>
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H Index: Google Scholar: 15 ; Scopus: 6
</td></tr>
<tr><td>Research Guidance</td><td>(i) M.Tech Guided: Completed: 72 ; Ongoing :5<br>(ii) Ph.D Guided.:- Completed: 05, Ongoing :5</td></tr>
<tr><td>Patent</td><td>Granted : Patent No.372285 , “Automatic Zero Energy Flood Gate” dated 20/07/2021 by The Patent Office, Government of India.</td></tr>
<tr><td>Collaboration/Interaction with outside word</td><td>1. Expert Member, National Board of Accreditation (NBA), New Delhi<br>2. Member AICTE committee of Expert Visiting Team(EVC), Standing Hearing Committee (SHC), Standing Appellate Committee (SAC), New Delhi<br>3. Delivered Expert talks on various technical and Quality aspects in Education (50+ Nos.)<br>4. Reviewed Self-Assessment Reports (SARs) of NBA for 25+ Programmes<br>5. 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<br>6. 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.<br>7. Completed AICTE MODROBS “ Modernization of Transportation Engineering Lab” funding from AICTE, 2018-19<br>8. Completed AICTE MODROBS “ Modernization of Surveying Lab” funding from AICTE, 2019-20<br>9. 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)<br>10. Member, Editorial Board , Journal of Indian Water Works Association (2013-2017)<br>11. Reviewer, Journals of ASCE, Elsevier, Springer Nature, IWWA etc.<br>12. Examiner for Ph.D., M.Tech/ M.E. for various universities<br>13. Member Building Committee Nehru Science Centre since 2023 till date</td></tr>
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Updated on: September 21, 2026

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| | 14. Member Building works Committee (BWC), VJTI, 2023-28<br>15. Member Advisory Board/BoS of various institutes<br>16. Established a Centre of Excellence in Architectural Engineering and Construction (CoE-AEC) at VJTI in collaboration with Nemetchek India Private Limited during August 2025. |
| **Consultancy works undertaken:** | 1. 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.<br>2. Peer review of estimates for storm water drain (SWD) and other construction works for MCGM.<br>3. Structural audit of Buildings of MCGM, MMRDA, PWD, Tribal development Department, Various Cooperative Housing societies and other Municipal Corporations/ Nagar Palika's etc.<br>4. Design Proof check for Storm water drain designs, Flooding studies etc. |
| **Honors and Awards Received** | 1. 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<br>2. **Awarded "Best Professor in Civil & Environmental Engineering"** during "10th Innovative Education Leadership Awards" by DNA and Stars Group, on 16th Feb, 2018 at Mumbai<br>3. **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**<br>4. "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.<br>5. **"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** | 1. Life Member, Indian Society of Technical Education. (LM 25843)<br>2. Life Member, Institute of Engineers, India. (MIE 135250-9)<br>3. Life Member, Association of Structural Rehabilitation, (M-A00196)<br>4. Life member, Indian Water Resources Society, (LM-10-7271)<br>5. Life member, Indian Geotechnical society (M-1177)<br>6. Life Fellow, Indian Water Works Association (LF-1202)<br>7. Life Member, Indian Concrete Institute (ICI, LM-13635)<br>8. Member, Giants International, India based International Service Organization. (Associated since 1999) |
| **Training Programmes /Courses/workshops Organized** | Organized Eleven (13) Training Programmes of one day to two week duration for the faculties and industries at State/National level |
| **STTPs/workshops / conferences Attended** | Thirty two (32) workshops /courses attended as participant in the areas of interest |
| **Coursera Courses** | Completed ten (10) Coursera Certificate Courses of Four to Eight weeks duration |