



**Pimpri Chinchwad Education Trust's  
Pimpri Chinchwad College of Engineering & Research  
Ravet, Pune**



**Academic Year:** 2021 - 22

**Faculty Profile**



<b>Name of Faculty:</b>	Mr. Satish Avaba Pitake		
<b>Qualification :</b>	M.Tech Construction & Management, BE Civil		
<b>Designation :</b>	Asst. Professor		
<b>Department :</b>	Civil Engineering		
<b>Date of Joining :</b>	01/01/2018		
<b>Experience :</b>	Teaching :10 Years Industry: 1 Year 3 Month Research:		
<b>Research Areas / Area of Specialization</b>	Construction Management, Concrete Technology, BIM		
<b>Courses / Subjects Taken:</b>	Surveying, APDB,BCEE, Engg Mechanics,ATP,FE,TQM, ADS		
<b>IPR :</b>	<b>Title</b>	<b>Docker No./ Diary No.</b>	<b>Registered /Filed</b>
	Integration of Lean six sigma and BIM as an innovative approach in construction Project	18031/2019-CO/L	Registered
	Remote Sensing Technique in monitoring Vertical Settlements of Multi-storey Buildings	10444/2021-CO/L	Filed
<b>Research Publications :</b>			
<b>Journal Publications:</b>	<b>Year</b>	<b>Title of Paper</b>	<b>Published in</b>
	2013	Visualization of Construction Progress by 4D Modeling Application	International Journal of Engineering Trends and Technology (IJETT)
	2020	Utilization of plastic waste for manufacturing of paver block	AEGAEUM JOURNAL, UGC-CARE Approved (Group-II) Multidisciplinary Journal, An ISO 7021 : 2008.
	2020	An Experimental Investigation on partial	AEGAEUM JOURNAL, UGC-CARE Approved

		replacement of concrete ingredients by marble waste & industrial waste & industry	(Group-II) Multidisciplinary Journal, An ISO 7021 : 2008.
	2021	Application of Value Engineering System to a Residential Building – Case Study	International Journal of Scientific Research in Engineering and Management (IJSREM)
	2021	Performance study of concrete against the compressive and flexural strength by adding micro silica and polyester fibers	International Journal of Scientific Research in Engineering and Management (IJSREM)
	2021	Use Of Glass As Aggregate In Bitumen Asphalt Pavement	International Journal of Creative Research Thoughts (IJCRT)
	2021	Physical & Mechanical Properties of Mees Bamboo for replacement with Steel in Concrete Structure	International Journal of Scientific Research in Engineering and Management (IJSREM)
<b>Conference Publications:</b>	<b>Year</b>	<b>Title of Paper</b>	<b>Published in</b>
<b>Profile Link :</b>	<b>Google Scholar Profile:</b> <a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=rFFKCsKAAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=rFFKCsKAAAAJ</a> <b>Orchid Profile:</b>		
<b>H -Index:</b>	Citations = 14 H Index -1		
<b>Product Developed:</b>	<ul style="list-style-type: none"> <li>• Manufacturing of paver block using plastic waste</li> <li>• Patient Monitoring System</li> </ul>		
<b>Certifications :</b>	NPTEL		
<b>Awards/Appreciation/Achievements:</b>	Received 14 citations for the 1 Research Articles published in International Journal		
<b>Membership:</b>	Institution of Engineers		
<b>Industrial Training :</b>	<ol style="list-style-type: none"> <li>1. Site training in AN construction 2019</li> <li>2. One week certification training on Digital teaching techniques Organized by ICT Academy from 12 Oct 2020 to 17 Oct 2020.</li> <li>3. Training Program on Planetary Health in Disasters and Emergencies – Reg.</li> </ol>		
<b>Resource Person /Expert Session/Jury Invited:</b>	-		
<b>Workshop/FDP/STTP attended(more than a Week):</b>	<ul style="list-style-type: none"> <li>➤ One week AICTE-ISTE approved workshop on Innovative concrete technology 12/02/2021 to 18/02/2021</li> <li>➤ ISTE approved one week Online Faculty Development Programme on “Software Application and Research in Civil Engineering” organized by Department of Civil Engineering A. P. Shah Institute of Technology, Thane from 13th to 17th July, 2020.</li> <li>➤ One week Online Faculty Development Program (FDP) on “Advances in Construction Technologies and Sustainable Materials” organized by Department of Civil Engineering G H Raisonni Institute of Engineering &amp; Technology, Pune association with Indian Concrete Institute (ICI)- Pune Chapter</li> </ul>		

	<p>from 20th to 24th Oct, 2020</p> <ul style="list-style-type: none"> <li>➤ One Week Online FDP on Consultancy in Civil Engineering : Opportunities and Challenges</li> <li>➤ One week State level workshop on Recent trends in civil engineering for sustainable development</li> <li>➤ One week AICTE-ISTE approved workshop on “Advance practices in civil engineering” 18 to 22 June 2018.</li> </ul>
<b>Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :</b>	<ul style="list-style-type: none"> <li>• Organized one day workshop on Skill development for civil engineering students.</li> <li>• Technospark-2020 (Intercollegiate)</li> </ul>
<b>Event Organized in Department:</b>	<ul style="list-style-type: none"> <li>• Inauguration of Sir Mokshagundam Visvesvaraya statue in civil engineering department central lobby.</li> <li>• Expert Lectures</li> <li>• Skill development workshop</li> </ul>
<b>University level appointments:</b>	<ul style="list-style-type: none"> <li>• University level Sr. External supervisor for Examination</li> </ul>
<b>Administrative Duties:</b>	Coordinating in central Beautification
<b>Academics Duties:</b>	BE project Coordinator, T&P Dept coordinator, Seminar Coordinator Website Coordinator, Sport Coordinator, Dept Beautification coordinator
<b>Any Other</b>	-