



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



Academic Year: 2026 -27

Faculty Profile



Name of Faculty:	Ashish Ratanchand Kondekar		
Qualification:	PhD (Pursuing), ME Structural Engineering,		
Designation:	Assistant Professor		
Department:	Civil Engineering		
Date of Joining:	21/07/2026		
Experience:	Teaching: 14 Yrs. Industry: 01 Research:		
Research Areas / Area of Specialization	Structural Engineering, Civil Engineering		
Courses / Subjects Taken:	Design of Reinforced Concrete Structures Design of Steel Structures Strength of Material Engineering Mechanics Advanced Design of Concrete Structures		
IPR:	NA		
Journal Publications:	Year	Title of Paper	Published in
	April 2026	An efficient quasi-3D theory for cylindrical bending of laminated composite plate with thickness stretching effects	Revue des Composites et des Matériaux Avancés - Journal of Composite and Advanced Materials.
	May 2025	Design of Water and Oxygen Extraction from Atmospheric Air and Microalgae	International Journal of Advance Research, Ideas and Innovations in Technology
	May 2025	Case Study on Coconut Shell (Activated Carbon) And Neem Leaf by Using Filtration Method	International Journal of Advance Research, Ideas and Innovations in Technology
	May 2024	A Study on the Partial Replacement of Cement using Sawdust and Micro-Silica	International Journal of Innovative Research in Science, Engineering and Technology

	May 2024	Enhancing Coastal Resilience by Analyzing Hydrostatic Forces and Generating Renewable Energy	International Journal of Innovative Research in Science, Engineering and Technology
	June 2023	Energy Generation by Advanced Various Renewable Technology	International Journal of Advanced Research in Science, Communication and Technology
	May 2022	Analysis & design of G+20 RCC building using X-bracing system with base Isolator	International Journal of Creative Research Thoughts
	May 2022	Linear and Nonlinear static analysis of G+11 RCC building using Etab software	International Journal of Creative Research Thoughts
	May 2022	Comparison Between Circular and Intze Elevated Storage Water Tank Base by Using Staad Pro Software	International Journal of Creative Research Thoughts
	Nov 2019	Case study on Impact of Tidal Waves on Costal Defence system with Experimental model	International Journal of Engineering Science & Research Technology
	Feb 2013	Analysis and Design of Pyramidal Roof Slab by Matlab	International Journal of Engineering Research & Technology
	Oct 2012	Analysis and Design of Pyramidal Roof Slab	International Journal of Engineering Research and Applications
Conference Publications:	Year	Title of Paper	Published in
	April 2026	Experimental Case Study on Structural Performance of GFRP and Modified GFRP Reinforced Concrete Beam	International Journal of Advanced Research in Management, Architecture, Technology & Engineering
	July 2023	An experimental study on concrete made by magnetic water and admixture	International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (Springer Partner)

	May 2020	Experimental Study of Effects of Nano Particles and Bio Fillers on Strength of Vedic Plaster	International Conference on Recent Trends in Civil and Structural Engineering
	May 2020	Advance earthquake resistance technique to reduce the seismic intensity by using tuned liquid damper	International Conference on Recent Trends in Civil and Structural Engineering
	May 2020	Seismic Analysis of High-Rise Building by Using Response Spectrum Method	International Conference on Recent Trends in Civil and Structural Engineering
Profile Link:	Scopus ID: 59145293200 Google Scholar Profile: https://scholar.google.com/citations?hl=en&user=29rGWt0AAAAJ Orchid Profile: https://orcid.org/0009-0003-5119-2428		
H –Index:	01		
Product Developed:	NA		
Certifications:	1. Introduction to 3D Studio Max 2. Analysis and Design by Using-Practical Concepts (Etabs)		
Awards/Appreciation/Achievements:	1) “ NES Award Selection-2023 ” – Selected in top 50 best participants in the project amongst 700+ groups, 7th April 2023 . 2) Model competition at RMD Sinhgad School engineering, Warje, Pune and won the 2 nd Prize in competition, 28 April, 2023 . 3) Model competition at Symbiosis Institute of Technology, Lavale, Pune & won the 1st Prize in competition, 29 April, 2023 .		
Membership:	1) Indian Society of Structural Engineers from 22 nd November 2019. (Lifetime Membership) 2) Indian Society for Technical Education from 17 th July 2020. (Lifetime Membership)		
Industrial Training:	1. Application of AI/ML in Civil Engineering. 2. Living with climate Change and Water Management. 3. Computer Aided Drafting Autocad- Training Program 2D & 3 D		
Resource Person /Expert Session/Jury Invited:	Structural Analysis Part-I (SA-I), at PCOEMR		
Workshop/FDP/STTP attended (more than a Week):	1. Entrepreneurship Essentials 2. Living with climate Change and Water Management, Online Course, MYCA India, 16 March, 2024. 3. Innovations in Civil Engineering and Construction Practices 4. Research and Innovation in Civil Engineering		

	5. A global Symposium on sustainable development in Civil Engineering 6. Innovative Practices in Teaching Learning Process 7. Effective Drafting of Research Paper and IPR																													
Event Organized Inter department / Inter college/ Other recognized Industry/IIT's/NPTEL / SPOKEN TUTORIAL etc.:	1) Techtonic- Concube Event at SITS Narhe, Pune 2) Techtonic- Sky Scraper Event at SITS Narhe, Pune 3) Internal Sr. Supervisor & Internal Squad at SITS Narhe, Pune 4) Worked as Sports Incharge at IOKCOE Pune																													
Event Organized in Department:	1. “Thesis and Research Writing (ICT_PS66)”, NITTTR, Singhad Institute of Technology and Science Narhe Pune, 2. “Application of Software’s in Civil Engineering and Design of Structures by Staad Pro Connect Edition”, CESA, Singhad Institute of Technology and Science Narhe Pune, 3. “Workshop on Skill Development Enterprise”, SP’S Institute of Knowledge of Engineering, Pimple Jagtap, Pune. 4. “Seminar on Civil Engineering Software”, Organized by TCL-IT at SP’S Institute of Knowledge of Engineering, Pimple Jagtap, Pune,																													
University level appointments:	External Senior Supervisor at at Dr. Sudhakar Jadhavar ACS College, Narhe,Pune																													
Administrative Duties:	Startup and Activity, AQAR, Admission																													
Academics Duties:	Department Academic Coordinator, Training and Placement Coordinator, Internship Coordinator, NBA Coordinator, Timetable Coordinator.																													
Any Other	Software Proficiency <table><tr><th>Name of Software</th><th>Learning Years</th><th>Experience & Levels</th></tr><tr><td>MS-Office</td><td>2006</td><td>Experts</td></tr><tr><td>AutoCAD (2D, 3D)</td><td>2000</td><td>Experts</td></tr><tr><td>Staad Pro (RCC & Steel)</td><td>2006</td><td>Advanced</td></tr><tr><td>ETABS (RCC & Steel)</td><td>2009</td><td>Advanced</td></tr><tr><td>Primavera</td><td>2006</td><td>Basic</td></tr><tr><td>Revit</td><td>2024</td><td>Basic</td></tr><tr><td>MATLAB</td><td>2025</td><td>Basic</td></tr><tr><td>ABAQUS</td><td>2025</td><td>Basic</td></tr></table>			Name of Software	Learning Years	Experience & Levels	MS-Office	2006	Experts	AutoCAD (2D, 3D)	2000	Experts	Staad Pro (RCC & Steel)	2006	Advanced	ETABS (RCC & Steel)	2009	Advanced	Primavera	2006	Basic	Revit	2024	Basic	MATLAB	2025	Basic	ABAQUS	2025	Basic
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