



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



Academic Year: 2026 -27

Faculty Profile



Name of Faculty:	Meghna Harshad Patankar		
Qualification :	PhD (Pursuing), ME Structural Engineering,		
Designation :	Assistant Professor		
Department :	Civil Engineering		
Date of Joining :	03/08/2026		
Experience :	Teaching: 12 Yrs. 07 Months Industry: Research:		
Research Areas / Area of Specialization	Civil Structures Analysis, Structural Design and Drawing.		
Courses / Subjects Taken:	Design of Reinforced Concrete Structures Structural Design – I Strength of Material Engineering Mechanics Structural Analysis		
IPR :			
Journal Publications:	Year	Title of Paper	Published in
	May 2026	Multi Criteria Decision Framework for Evaluating Accident Prevention systems at Hairpin Bends in Mountain Roads	International Journal of Creative Research Thoughts (IJCRT), Volume 14, Issue 5, ISSN: 2320-2882
	Jan 2026	THERMAL AND ECONOMIC ASSESSMENT OF ALTERNATIVE WALLING SYSTEMS FOR ENERGY-EFFICIENT AFFORDABLE HOUSING IN INDIA	ASM Business Review the Bi referred research journal of ASM Group of Institutes, Volume 13, Issue 1, ISSN: 0974-9136

	Nov 2018	Seismic analysis performed on RCC and Steel frame in various zones using STADD Pro	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE (IJICS), Volume 5, Issue 11.
	March 2018	The use of Basalt Fibers to improve the Flexural Strength of Concrete Beam	International Journal of Advance Research in Science and Engineering (IJARSE), Volume 7, Issue 3.
	Jan 14	Stability Analysis of Gravity Dam	International Journal for Engineering Applications and Technology (IJEAT), eISSN -2321-8134
Conference Publications:	Year	Title of Paper	Published in
	July 2026	Preliminary Life Cycle Assessment of Masonry Materials for Sustainable Building Envelopes in the Indian Context	International Mastermind Meet on Multidisciplinary Research and Innovation (IM3 2026)
	Jan 2026	THERMAL AND ECONOMIC ASSESSMENT OF ALTERNATIVE WALLING SYSTEMS FOR ENERGY-EFFICIENT AFFORDABLE HOUSING IN INDIA	International Conference on Ongoing Research in Management & IT (16-17 January 2026)
	May 2025	Exploring Non-Destructive Testing Techniques and Their Applications in Civil Engineering: A Comprehensive Review	11th National Conference on Emerging Trends in Engineering and Technology (NCETET 2025)
	March 2018	Strength Comparison of OPC PPC and PSC for continuous and intermittent curing	International Conference of Advance Research in Science and Engineering
Books Publication:			
Profile Link :	Scopus Profile: Google Scholar Profile: https://scholar.google.com/citations?hl=en&user=i9kjb10AAAAJ Orchid Profile: https://orcid.org/my-orcid?orcid=0000-0003-3878-8334		
H -Index:			
Product Developed:			

Certifications :	1. Sustainability and the Circular Economy on COURSERA. 2. Optimization for Decision Making on COURSERA. 3. Net-Zero Building Fundamentals on COURSERA. 4. Scientific Writing for Research Grant Proposals on COURSERA. 5. AutoCAD for Design and Drafting COURSERA CERTIFICATION 6. Renewable Energy and Green Building Entrepreneurship, An online non-credit course authorized by Duke University and offered through Coursera. 7. Introduction to Engineering Mechanics, A certified course from The Hong Kong University of Science and Technology
Awards/Appreciation/Achievements:	Gold Medalist in ME Structure (University Topper) from SGBAU.
Membership:	Life Member -Indian Society for Technical Education (LM 100291)
Industrial Training :	YASHADA TRAINING CENTER - QGIS, STAAD PRO
Resource Person /Expert Session/Jury Invited:	1. Expert lecture on Engineering Mechanics on 08/12/2025 at JSPM's Rajarshi Shahu College Of Engineering, Tathawade. 2. External Paper setter for Engineering Mechanics at Dr. D. Y. Patil Institute ,Akurdi Pune.
Workshop/FDP/STTP attended(more than a Week):	1. One week faculty development programme on Mechanics of Composite Materials and Structures (30 Dec. to 3 Jan. 2020) 2. AICTE-ISTE approved one week Short Term Training Program (18 -22 June 2018) on Advanced Practices in Civil Engineering at Shivrang Vidya Prasarak Mandal's College of Engineering Malegaon (Bk).
Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc.:	1. Floating Model event at GSMCOE, Balewadi pune.
Event Organized in Department:	1. Sustainacast at JSPM's Rajarshi Shahu College of Engineering Tathawade Pune. 2. Science Day at JSPM's Rajarshi Shahu College of Engineering Tathawade Pune. 3. MODEL MAKING at JSPM's Rajarshi Shahu College of Engineering Tathawade Pune. 4. One week FDP on " Sustainability in civil engineering : Emerging trends and practical applications" in June 2026.
University level appointments:	1. Paper setter Engineering mechanics SPPU Pune 2. Examiner and evaluator for SPPU Exam – EM, SD I, SD II etc.
Administrative Duties:	1. PCERF coordinator. 2. Departmental Website Coordinator 3. Departmental Library Coordinator 4. Newswire and magazine coordinator
Academics Duties:	1. Mentor 2. Course In charge 3. IIC coordinator
Any Other	

