



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



Academic Year: 2021 - 22

Faculty Profile



Name of Faculty:	Rahul S. Patil		
Qualification :	ME Civil (Construction & Management)		
Designation :	Assistant Professor		
Department :	Civil Engineering		
Date of Joining :	23 rd July 2018		
Experience :19 Years	Teaching :18 Industry:1 Research:-		
Research Areas / Area of Specialization	Construction Management		
Courses / Subjects Taken:	Basic Civil & Env. Engg, Construction Management, Geotechnical Engineering,TQM & MIS in Civil Engineering, Fluid Mechanics,Foundation Engineering		
IPR :	Title	Docker No./ Diary No.	Registered /Filed
	Improvement in Shear strength in Soil Using Bitumen Emulsion	17344/2021-CO/L	Filed
	Automatic Water Distribution for Smart Cities	17345/2021-CO/L	Filed
	Construction Defects	10628/2021-CO/L	Filed
	Quality Check sheet of Construction activities	10624/2021-CO/L	Filed
Research Publications :			
Journal Publications:	Year	Title of Paper	Published in
	2021	Improvement of shear strength of soil Using bitumen emulsion	Journal of Emerging Technologies and Innovative Research
	2016	Project Cost Overrun in Infrastructure Project: Indian Scenario	International Journal of Advance Research in Science & Engineering

	2016	Need of Total Quality Management in Construction Industry	International Journal of Advance Research in Science & Engineering
	2015	Need of Competence Mapping of project managers in Indian Construction sector	ICSTM-2015
	2015	Sustainability Assessment of Infrastructure Projects	International Journal of Advance Research In Science and Engineering
	2015	Optimization Tools For Time Cost Trade off Applicable In Construction Sector	International Journal of Science, Technology in Engineering and Management
	2015	Need for Competency Mapping of Project Manager In Indian Construction Sector	International Journal of Advanced Technology in Engineering Science
	2015	Overall Effectiveness of Construction Equipment	International Journal of Advances in Management, Technology & Engineering Sciences
	2015	Resolving Construction Disputes Without Litigation	International Journal of Advances in Management, Technology & Engineering Sciences
	2014	Life Cycle cost Estimation –Core Requirements	IOSR Journal of Mechanical and Civil engineering
	2014	Conflicts & Disputes In Construction Projects	Conflicts & Disputes In Construction Projects
Conference Publications:	Year	Title of Paper	Published in
	2014	Methodology for Post Adequacy Assessment of Delhi Metro Rail Network	International Conference on Science and Technology (ICST-2k14)
	2013	Identification of critical construction delay factors	International Organization of Latest Trends in Engineering & Technology
	2013	Effect of Construction Delays on Project Time Overrun: Indian Scenario	International Journal of Research in Engineering & Technology
	2013	Statistical Methods for Construction Delay Analysis	International Organization of Scientific Research Journal Of Mechanical & Civil

		Engineering
Books Publication:	-	
Profile Link :	Scopus Profile: - Google Scholar https://scholar.google.co.in/citations?hl=en&user=dSVsxeoAAAAJ Orchid Profile:-	
H –Index:	4	
Product Developed:	Automatic Water Distribution System for smart cities	
Certifications :	NPTEL, IIRS Outreach	
Awards/Appreciation/Achievements:	Best Performance Award for Student Internship Program -2019	
Membership:	Institute of Engineers	
Industrial Training :	-	
Resource Person /Expert Session/Jury Invited:	• Online Content Delivery for B. E. Civil (2015 Pat.)” for course “TQM & MIS In Civil Engineering” • Guest lecture on Engineering Mechanics at Nutan Maharashtra Institute of Engineering & Technology,Talegaon.	
Workshop/FDP/STTP attended(more than a Week):	• Two week ISSTE STTP workshop on Technical Communication for Scientists and Engineers IIT Bombay under the National Mission on Education through ICT (MHRD) from 8th October to 5th December2015. • One Week ISTE Workshop for Coordinators on “Engineering Mechanics” at IIT ,Bombay from 16th Sept – 20th Sept 2013 • One week ISTE workshop on “Introduction to Research Methodologies” organized by IIT Bombay & MHRD, New Delhi at DYPIET, Pimpr, Pune-18 from 25th Jun – 4th Jul 2012. • One week workshop on “ TQM and Six Sigma In Education” organized by IUCEE at DYPIET, Pimpr, Pune-18 from 16th May – 20th May 2011. • One week Summer school Programme on “Performance Assessment “ by NITTR Extension Centre, Pune & MHRD, New Delhi, from 28th Jul – 1st Aug 2008. • One Week FDP on Futuristic Advancements in Civil Engineering (FACE-2020)”. 02nd to 06th June 2020. • One Week FDP on “Consultancy in Civil Engineering: Opportunities and Challenges” 10th May 2021 to 14th May 2021 • Two week FDP on “Basic Principles of Remote Sensing	

	Technology” 13th July to 25th July 2020 • Two Week FDP on “Basic Principles of Remote Sensing Technology”. 20th to 24th October, 2020 • One Week FDP -India Construction Week –2020 & No Dig India Show 2020 Digital. 01st–05th December, 2020 • One week Short term Programme on “Innovation & Upgradation In infrastructural Technology” 27 May – 2 June 2020.
Event Organized Inter department/Inter college/ Other recognized Industry/IIT’s/NPTEL/SPOKE N TUTORIAL/ etc. :	• One week Summer School Programme on “Performance Assessment “ by NITTR Extension Centre, Pune & MHRD, New Delhi, from 28th Jul – 1st Aug 2008.
Event Organized in Department:	• Online webinar organized for Final Year • Online Expert Session is arranged for BE Civil Students on a topic – Applications of Artificial Intelligence in Civil Engineering • Online Expert Session is arranged for BE Civil Students on a topic – Value Engineering Management in Civil Engineering • 4. Expert Session arranged for Institute faculty & Non-Teaching members in under FDP—Sahaj Yog, Liver Diet, Daily Routine etc.
University level appointments:	Subject Chairman, Paper Setter, External Senior Supervisor
Administrative Duties:	Incharge- Faculty Development Cell
Academics Duties:	Department Academic Coordinator, Time Table Incharge, Internship Coordinator, Member – III Cell
Any Other	-