Name of Teaching Staff Designation Department Date of Joining the Institution Email ID Office Contact	: : : : : : :	Mohammed Shakeebulla Khan Assistant Professor (Regular, Probationary) Civil Engineering 09 June 2024 (Ad-hoc); Regularized w.e.f. 1 August 2026 (confirmed by University of Mumbai) shakeebullak@sjcem.edu.in +91 7204788896	
Qualifications With Class/Grade		Ph.D. (Pursuing – Thesis Submitted), VTU Belgaum M.Tech Structural Engg. – 73.625% First Class with Distinction, VTU B.E. Civil Engineering – 79.942% First Class with Distinction, VTU Diploma in Civil Engg. – 86.80% First Class with Distinction	
Total Experience in years		9+ Years	
Area of Specialization		Structural Engineering, Concrete Technology, Sustainable Construction Materials, Nano-materials in Cementitious Composites (Graphene Oxide), Self-Compacting Concrete	
Google Scholar Link	:	https://scholar.google.com	
Vidhwaan Portal ID		603691 (vidwan.inflibnet.ac.in)	
ORCID		https://orcid.org/0009-0007-3260-5257	
Papers Published in Journal:	:	• Fresh, Mechanical, and Short-Term Durability Performance of Green Self-Compacting Concrete Incorporating Ternary Cementitious Systems with Nanosilica – Engineering Research Express, IOP Publishing (WoS-ESCI, Scopus Q2) • Industrial and Agricultural Waste-Based Sustainable Concrete: A Review of Performance, Durability, and Applications in Pavement and Precast Construction – Cureus Journal of Engineering • Optimizing Graphene Oxide in Self-Compacting Concrete: A Sustainable Nano-Material Strategy for Enhanced Durability and Structural Performance – JSCMT (Scopus Q2) • Climate Change and Urban Sustainability: A Review on Resilience Strategies, Adaptive Governance, and Sustainable Development Pathways – IJARS • Recycled Concrete Aggregate as a Sustainable Alternative for Paver Blocks: Mechanical Performance Assessment – Cureus Journal of Engineering • AI-Driven Intelligent Concrete Crack Detection and Real-Time Width Estimation for Smart Structural Health Monitoring – Deep Science Publisher • The Impact of Built Environment Engineering on Healthcare-Associated Infection Rates – J. of Allied Health Sciences & Medical Research • Physicochemical Interaction of Natural Organic Biopolymers with Expansive Clay – IARJSET • ML-Based Modelling of Level of Service on Multi-Lane Highways under Heterogeneous Traffic – IARJSET • Effect of Fibre Content and Aspect Ratio on Permeability and Durability of Sustainable Concrete – IARJSET • Utilization of Jhama Brick Dust as a Sustainable Alternative for Fine Aggregate in Concrete – IJSTEM • Strength and Chloride Ion Permeability of Concrete with Sugar Cane Bagasse Ash as Fine Aggregate Replacement – IJMTER • Experimental Analysis on Self-Compacting Concrete with Different Grades – IJRASET • Optimizing Construction Efficiency with Mivan Formwork System – IJCRT • Concrete with Partial Replacement of Fine Aggregate with Recycled Plastic Granules	

		– IJRASET
Papers Presented in Conferences		• Efficacy of Natural Coagulants and Bio-Based Adsorbents in Municipal Wastewater Treatment: A Low-Cost Sustainable Approach – EnRISE 2026, IIT Indore (Abstract ID: WW-65) • Geopolymer Concrete Incorporating Industrial and Agricultural Waste for Sustainable Pavement – CEMENT'26, JSPM University, Pune [BEST PAPER AWARD] • AI-Based Prediction of Durability & Carbon Footprint Reduction in Green Concrete – Intl. Conf. on AI & Sustainable Approaches, Rajshree Institute, Bareilly • Structural Optimization and Material Design for Monolithic 3D-Printed Affordable Housing – 3rd Intl. Conference RACE 2K25, OIST, Bhopal (Scopus-indexed Springer LNCE Proceedings) • Advancements in Sustainable Concrete & Graphene Oxide in SCC – 39th Indian Engineering Congress, IEI, Kolkata • Comparative Strength and Water Permeability of Different Grades of Self-Compacting Concrete – ICAET 2023, Karnataka
Books Published/IPR/Patents		• Artificial Intelligence for Road Safety Analytics: Crash Risk, Near-Miss Detection, and Proactive Interventions – Deep Science Publishing (ISBN: 978-93-7185-037-7) • Policy, Technology, and Sustainability: Bridging the Gap for a Green Economy – Imperial Publications, Mumbai (ISBN: 978-81-998007-6-2) • Patent: A Cyber Secure Intelligent Cyber-Physical Monitoring and Predictive Control System for Smart Infrastructure – Patent No. 202641013606 (Co-Inventor, Indian Patent Office, Feb 2026)
Professional Memberships with ID		• American Society of Civil Engineers (ASCE) – Affiliate Member 12458121 (2024) • The Institution of Engineers India (IEI) – Associate Member AM1992085 (2023) • Indian Concrete Institute (ICI), Pune Centre – Life Member 14627 (2024) • Indian Society for Technical Education (ISTE) – Life Member 138080 (2024) • International Association of Engineers (IAENG) – Member 344491 (2024) • National Institute for Technical Training & Skill Development (NITTSD) – Member 97368 (2024)
Grants Fetched		• Co-Investigator – "Coastal Erosion Monitoring and Prediction Using Satellite Data and Machine Learning" • Funded by Aldel Education Trust, SEED Money for Research Scheme • Amount: Rs. 50,000/- | Duration: Oct 2025 – Mar 2027
Technical/NPTEL certifications		• Generative AI Mastermind – Outskill (2026) • National IP Awareness Mission (NIPAM) – DPIIT, Govt. of India (Jan 2026) • Short Term Course: Climate Resilient Pathways for Sustainable Development – NITTTR Chandigarh (Nov 2025) • Remote Sensing Data Analytics for Crop Production Forecasting – Grade A+, IIRS-ISRO (Jul 2025) • Principles of Construction Management (NPTEL) – IIT Madras / SWAYAM (Jul–Sep 2024) • Diploma in Architectural CAD Drafting & Design

Institute/Department Responsibility handled:		• Departmental R&D Coordinator; Training & Placement Coordinator • NPTEL Coordinator; Final Year Project Coordinator • IIC Member; SEDGs Committee Member • Lab In-charge – Centre of Excellence for Sustainable Construction Materials (UltraTech Cement, Aditya Birla Group) • Co-Convener – ICRAMEN 2026 (Intl. Conf. on Mechanical Engg. & Nanomaterials) • Judge – Internal Smart India Hackathon (SIH) 2026; Judge – PRESENTANIA 2026 • Census 2027 Supervisor, Govt. of India (Circle 016, Tal-Palghar)
Subjects Taught:		• Construction Management • Quantity Surveying, • Hydraulics Engineering, • Geotechnical Engineering, C • ontracts & Accounts, • Water Resources, and Engineering Mechanics, • Concrete Technology, • Construction Productivity. • Design of Reinforced Cement Concrete • Design & Drawing of Steel Structures • Transportation Engineering

PhDs/Projects Guided	:	**PhDs:** **Projects at Masters level:**	

Interaction with Professional Institutions	:	**Guest Lectures:** **Other Achievements and Responsibilities:**	Organised Expert Guest Lecture on Govt. E-Tendering & GeM Portal (Mr. Harshad Barge), 25 Feb 2026 Co-Convener, ICRAMEN 2026 (Intl. Conf. on Mechanical Engg. & Nanomaterials) Best Paper Award – Intl. Conference CEMENT'26, JSPM University, Pune 1st Prize + Rs.10,000 Cash Prize – ICSSR & MIT-ADT Natl. Conf. on Vikasit Bharat@2047 Peer Reviewer for 5 international journals (ERX-IOP, Cureus, Construction Economics & Building, Stavební Obzor, IIARI)
Subjects Taught		**• Construction Management, Quantity Surveying, Hydraulics Engineering** **• Geotechnical Engineering, Contracts & Accounts, Water Resources Engineering** **• Engineering Mechanics, Concrete Technology, Construction Productivity** **• Estimation & Costing, Structural Analysis, Advanced RCC Design**	