Name of Teaching Staff Designation Department Date of Joining the Institution Email ID Office Contact	: : : : : :	**Mr. Basavaraj Nyamagoud** Assistant Professor & Technical Manager Civil Engineering **15 - December - 2021** basavarajn@sjcem.edu.in +91 7676434801	
Qualifications With Class/Grade	:	M-tech – 8.35 CGPA PG Certificate in Artificial Intelligence by IIIT Vadodara, Sponsored by AICTE	
Total Experience in years	:	8.5	
Area of Specialization	:	Transportation Engineering & Management	
Google Scholar Link	:	Basavaraj Nyamagoud - Google Scholar	
Vidhwaan Portal ID		Vidwan | Dashboard	
ORCID		https://orcid.org/0009-0001-9417-7266	
Papers Published in Journal:	:	1. Recycled Concrete Aggregate as a Sustainable Alternative for Paver Blocks: Mechanical Performance Assessment 2. Artificial Intelligence for Road Safety Analytics: Crash Risk, Near-Miss Detection, and Proactive Interventions 3. "Experimental Study on Characterization of Bitumen Mixed with Plastic Waste" 4. "Optimizing the Flexural Behavior of Low-Cost Material Slab Panel" 5. "Experimental Investigation on Behavior of Bamboo Reinforced Concrete Beam"	
Papers Presented in Conferences	:	1. Pothole detection and rule-based maintenance prioritization using YOLOv8 2. A smart waste management framework for semiurban India using IOT and AI: A case study in Palghar 3. Structural Optimization and Material Design for Monolithic 3D-Printed Affordable Housing	
Books Published/IPR/Patents	:	1. Artificial Intelligence for Road Safety Analytics: Crash Risk, Near-Miss Detection, and Proactive Interventions	

Grants Fetched	:	1. Seed Money for Research Scheme proposal project (2025-2026) SJCEM, Palghar Amount: Rs.50,000/- Title: Coastal Erosion Monitoring and Prediction Using Satellite Data and Machine Learning	
Technical/NPTEL certifications		Laboratory Quality Management System & Internal Audit as per IS/ISO 17025:2017, by NITS, Noida.	
Institute/Department Responsibility handled:		Coordinator – Standards Club Coordinator – Consultancy Department Coordinator- Admission Committee Department Coordinator- Professional Chapter NAAC Criteria 06 & 7 Coordinator NBA Criteria 03 Coordinator Carrier counseling Coordinator	
Interaction with Professional Institutions	:	**Guest Lectures:**	1. Scope of Material Testing & QA/QC in Civil Engineering @ **Basaveshwar Engineering College (BEC), Bagalkot**
Subjects Taght		**1.** Highway engineering **2.** Urban transportation planning **3.** Traffic engineering **4.** Transportation engineering -I **5.** Transportation engineering –II **6.** Highway material engineering laboratory **7.** Geotechnical engineering –II **8.** Geotechnical engineering –I **9.** Quantity survey estimation and evaluation **10.** Pavement material construction & maintenance **11.** Traffic system engineering **12.** Fluid Mechanics Engineering **13.** Fundamentals of Smart Cities 14. GIS, Remote Sensing & Urban Analytics	