FACULTY WEBSITE PROFILE

Name of The Faculty	Dr.Roopanjali S
Designation	Assistant Professor
Qualification	Ph.D
E Mail ID	roopanjalis@sjce.ac.in
LinkedIn ID	https://www.linkedin.com/in/roopanjali-roopanjali-25404a207
ORC ID	0000-0002-9345-6650
Contact Number	9945210009
Work Experience	
1. Teaching	18
2. Industry	--
3. Research	02
4. Other	--
Area of Specialization	Civil Engineering
Subject Taught	
1. Under Graduate Level	Engineering Mechanics, Mechanics of deformable bodies, Mechanics of fluids, Applied hydraulics, Water supply Engineering, Estimation & quantity surveying
2. Post Graduate Level	--
Research Guidance	
1. Under Graduate Level	02
2. Post Graduate Level	01
3. PhD	--
Publication Details	
1. International Journal	• Raj, K.G., Roopanjali, S. & Akshatha, P. Impact of irregularities on seismic fragility of reinforced concrete structures. *Discov Civ Eng* **2**, 101 (2025). https://doi.org/10.1007/s44290-025-00258-0 • S. Lakshmi, Aditi Bhat, Shriya, H.L. Sandhya, M. Poornima, S. Roopanjali, M.N. Nagendra Prasad, S. Niranjan Raj, K. Manju, Syed Baker,Synthesis of enzyme-enriched zinc oxide nanoparticles using Lantana camara L. fruit extract for detoxification of phenol and derivatives,Hybrid Advances,Volume 7,2024,100326,ISSN 2773-207X,https://doi.org/10.1016/j.hybadv.2024.100326. • Lakshmi S, Roopanjali S, Sanjana V, Samrudhi S Shetty, Sahana S Kotian, Allamprabhu Hosur, Shravani Sudharshan, Niranjan Raj S, Anjani, Manju K, Pavan T K, Ravi Kumara, Syed Baker,Development of Sustainable Nanobionic Concrete Technology Using Plant-Mediated Zinc Oxide Nanoparticles: Mechanical Performance and Microstructural Analysis,Results in Engineering,Volume32,2026,https://doi.org/10.1016/j.rineng.2026.112879. • S. Roopanjali, S. Lakshmi, Shah Faseeh ul Ameen

	Mehdi, Syed Zeeshan, K. Manju, S. Niranjan Raj, Ravikumara, T.K. Pavan, Syed Baker,Development of sustainable bio-brick from Paenibacillus species with enhanced compressive strength and physicochemical properties,Journal of Genetic Engineering and Biotechnology,Volume 24, Issue 4,2026,https://doi.org/10.1016/j.jgeb.2026.100789.
2. National Journal	--
3. Conferences	Raj, K.G. *et al.* (2025). Crack Closure Mechanisms in Bio-concrete: Performance of OPC and PPC Mortars with Engineered Bacterial Doses. In: Kashyap, A., S. Kulkarni, S., Li, R.Y.M., Mahesh, G., Deepak, M.D. (eds) Recent Trends and Advances in Construction, Real Estate, Infrastructure and Project Management (CRIP) Sector. ICCRIP 2024. Lecture Notes in Civil Engineering, vol 748. Springer, Singapore. https://doi.org/10.1007/978-981-95-1946-0_9
Patents	Design Patent (**6487048)**
Research Projects / Consultancy Undertaken	
1. Funding Agency	Seed Money
2. Fund Received (In Rs)	2,35,000
Book Published	--
FDP /STTP/Technical Seminar Organised and Participated as a Resource Person	02
Achievements	
Professional Membership	ACCE, Institute of Engineers

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