FACULTY WEBSITE PROFILE

Name of The Faculty	Kavya K M
Designation	Assistant Professor
Qualification	B.E, M.Tech
E Mail ID	Kavya.km@jssstuniv.in
LinkedIn ID	www.linkedin.com/in/kavya-k-m-02811b42b
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Contact Number	9164038154
Work Experience	09
1. Teaching	09
2. Industry	-
3. Research	-
4. Other	-
Area of Specialization	CADD structures
Subject Taught	
1. Under Graduate Level	Engineering Mechanics, Matrix method analysis, Concrete Technology, Repair and Rehabilitation of structures, Non destructive testing, Pre Stressed concrete.
2. Post Graduate Level	Advanced Structural Analysis, Finite Element Analysis
Research Guidance	-
1. Under Graduate Level	14 batches
2. Post Graduate Level	05 students
3. PhD	-
Publication Details	
1. International Journal	1. Shivaprasad, K. N., Jung, J. H., Park, B., An, C. H., Nam, J. S., Sumaraj, S., Kavya, K. M., & Yang, H. M. (2026). Grade-dependent performance of zinc slag aggregate in concrete: Optimisation through multi-property statistical analysis. Case Studies in Construction Materials, 25, Article e06322. https://doi.org/10.1016/j.cscm.2026.e06322 2. Divyasheree, M., Prakash, T. M., Sandeep Kumar, D. S., Kavya, K. M., & Premakumar, S. H. (2026). Experimental investigations on durability aspects of fibre-reinforced self-compacting concrete against acid attack. Civil Engineering and Architecture, 14(5), 3605–3616. https://doi.org/10.13189/cea.2026.140513 3. Kavya, K. M., & Manjunath, K. S. (2026). A study on properties of concrete at sustained elevated temperatures using Portland pozzolana cement (PPC). In K. Venkataramana et al. (Eds.), Recent advances in construction materials (Lecture Notes in Civil Engineering, Vol. 751, pp. 315–328). Springer Nature Singapore. https://doi.org/10.1007/978-981-95-2026-8_26 4. Kavya, K. M., Manjunath, K. S., & Shivaprasad, K. N. (2025). Study on compressive strength of concrete subjected to sustained elevated temperature with different grades of concrete. In Proceedings of the 16th International Conference on Advances in Computing, Control and Telecommunication Technologies (ACT 2025).
2. National Journal	
3. Conferences	1. Kavya K M, Shivaprasad K N, Kushal C S (2025) “Study on Elevated Temperature Behaviour of M30 Grade Concrete with

	Partial Replacement of Cement with GGBS" International conference on NHCE-SIMET 2025 organized by the Department of Civil Engineering, Manipal Institute of Technology, Manipal 30th & 31st October 2025. 2. Kavya K M, Manjunath K S, Shivaprasad K N (2025) "Study on compressive strength of concrete subjected to sustained elevated temperature with different grades of concrete" organized by JSS Science and Technology University, Mysuru on 7th & 8th February, 2025. 3. Kavya K M, Manjunath K S (2024) "A Study on Properties of Concrete at Sustained Elevated Temperatures Using Portland Pozzolana Cement (PPC)" International Conference on New Horizons in Civil Engineering with the theme Innovative Civil Engineering Materials and Systems organized by Department of Civil Engineering, MIT Manipal, 12th to 14th December 2024. 4. Sangeetha B R, Manjunath K S, Kavya K M (2023) "Study of Compressive Strength of Concrete at Elevated Temperature with Different types of Cement and grades of Concrete" 2nd International Conference on Engineering, Science and Technology (ICEST) 2023, organized by Global Conference Hub, Coimbatore, Tamilnadu, India, 28th to 29th October 2023. 5. Kavya K M, Manjunath K S, et al., (2022) "Study Of fatigue test on concrete prism at elevated temperature" 3rd International Conference on Sustainable Construction Technologies and Advancements in Civil Engineering, (ScTACE organized by Shri Vishnu Engineering College for Women in association with Indian Concrete Institute- Student Chapter, 15th to 17th December 2022.
Patents	02
Research Projects / Consultancy Undertaken	
1. Funding Agency	KSCST (03 Projects)
2. Fund Received (In Rs)	13500 rs
Book Published	01
FDP /STTP/Technical Seminar Organised and Participated as a Resource Person	Resource Person (02), FDP organized (01), Alumni talk organized (03)
Achievements	Swayam- Nptel courses with Elite
Professional Membership	ACCE, IEI

Photo



Signature