FACULTY WEBSITE PROFILE

Name of The Faculty	Dr. SHARATH H P
Designation	Assistant Professor
Qualification	Ph.D
E Mail ID	sharathhp@sjce.ac.in, sharathhp@jssstuniv.in
LinkedIn ID	
ORC ID	0000-0001-7911-2635
Contact Number	9886542614
Work Experience	
1. Teaching	15 Years
2. Industry	1 year
3. Research	
4. Other	
Area of Specialization	Structural Engineering
Subject Taught	
1. Under Graduate Level	Engineering Mechanics Strength of materials Design and detailing of RC Structures Analysis of Determinate Structures
2. Post Graduate Level	Reliability Analysis and Design of Structures Analysis of Plates and Shells
Research Guidance	
1. Under Graduate Level	14
2. Post Graduate Level	18
3. PhD	
Publication Details	
1. International Journal	1.Uday Shankar, S., & Sharath, H. P. (2018). Comparative study on effectiveness of lead rubber bearing (LRB) and high damping rubber bearing (HDRB) as base isolation system for regular and irregular RC framed structures. International Journal of Advances Research Trends in Engineering and Technology, 5(Special Issue 14). https://ijartet.com/3702/v5s142018april2018bti/conference 2. Prashant, L. Y., & Sharath, H. P. (2018). Influence of floating columns on seismic response of multi-storeyed RC framed building. International Journal of Advances Research Trends in Engineering and Technology, 5(Special Issue 14). https://ijartet.com/3701/v5s142018april2018bti/conference 3. Punith, B. R., & Sharath, H. P. (2019). Analysis of regular and plan irregular flat slab structures with and without lateral force resisting system (LFRS). International Journal of Engineering Research and

Technology, 8(6), 1313–1317. https://doi.org/10.17577/IJERTV8IS060701
4. Ahmed, S. S., & Sharath, H. P. (2020). A comparative study of CFST suspension bridge and CFST truss bridge using ANSYS. International Journal of Latest Trends in Engineering and Technology, 17(1), 94–101. https://doi.org/10.21172/1.171.15
5. Kavya, M., & Sharath, H. P. (2020). Behaviour of composite slab with and without decks using ANSYS. International Journal of Latest Trends in Engineering and Technology, 17(2), 1–7. https://doi.org/10.21172/1.172.01
6. Jeevitha, G. B., & Sharath, H. P. (2020). Seismic analysis of setback and stepback building resting on sloping ground. International Journal of Latest Trends in Engineering and Technology, 17(2), 43–49. https://doi.org/10.21172/1.172.07
7. Harsha, N. R., Sharath, H. P., & Kavya, K. M. (2023). Analysis of vertical irregular structures with and without lateral force resisting system. International Journal of Engineering Research and Technology, 12(9). https://doi.org/10.5281/zenodo.18277018
8. Sangeetha, B. R., Manjunath, K. S., Kavya, K. M., & Sharath, H. P. (2023). Study of compressive strength of concrete at elevated temperature with different types of cement and grades of concrete. International Journal of Engineering Technology and Management Sciences, 7(6), 246–252. https://doi.org/10.46647/ijetms.2023.v07i06.036
9. Sharath, H. P., Raviraj, S., & Chandradhara, G. P. (2023). Analysis and design of concrete filled steel tubular chord and brace bridge girder under flexural loading. Journal of Propulsion Technology, 44(5), 1073–1078. https://doi.org/10.52783/tjjpt.v44.i5.2734
10. Premakumar, S. H., Shivaiah, R., & Mallesh, G. (2026). A nonlinear finite element investigation of contact-induced stress and deformation in tubular Warren truss structures. Proceedings on Engineering Sciences, 8(1), 405–416. https://doi.org/10.24874/PES08.01A.013
11. Premakumar, S. H., Shivaiah, R., & Mallesh, G. (2026). A comparative finite element investigation of von Mises stress, deflection and load-carrying capacity in CHS and CFST Warren truss structures. Proceedings on Engineering Sciences, 8(2), 1283–1298. https://doi.org/10.24874/PES08.02B.017

	12. Sushma, S., Lakshmi, P. S., Naveen Kumar, S., Sharath, H. P., Kavya, K. M., & Chowde Gowda, H. C. (2026). ML based design and optimisation of high strength concrete with GGBS and silica fume using aggregates characteristics. International Journal of Scientific Research in Science, Engineering and Technology, 13(4), 88–104. https://doi.org/10.32628/IJSRSET26134109
2. National Journal	
3. Conferences	• Rakesh M N and **Sharath H P** (2017) **"Comparative Study on the Geometric Non-Linear Behavior of Bare and In-Filled RC Framed Structures"**, Page # 86, 23rd and 24th March 2017, National Conference on Recent Trends in Geo Science, Material Science and Civil Engineering. ATME College of Engineering, Mysore. • Mahammed Zakir Mustafa and **Sharath H P** (2017**) "Seismic Behaviour of RC Building Frame with Different Bracing Systems"**, Page # 190, 23rd and 24th March 2017, National Conference on Recent Trends in Geo Science, Material Science and Civil Engineering. ATME College of Engineering, Mysore. • Rakesh M N and **Sharath H P** (2017**) "Influence of Stiffness of Diaphragms on the Geometric Non – Linear Behaviour of RC Framed Structure"**, 17th and 18th March 2017, International Conference on Global Civil Engineering Challenges in Sustainable Development and Climate Change (ICGCSC – 17) at Mangalore Institue of Technology and Engineering, Mooddabidri, Dakshina Kannada, India. • Uday Shankar S and **Sharath H P** (2018) **"Comparative Study on Effectiveness of Lead Rubber Bearing (LRB) and High Damping Rubber Bearing (HDRB) as Base Isolation System for Regular and Irregular RC Framed Structures"** Page # 103 in Second International Conference on Mechanical, Civil, Electronics and Communication and Computer

	Science Engineering (ICMCECE-2018) held on 12th and 13th April 2018, Bangalore Technological Institute, Bangalore, Karnataka, India. • Prashant L Y and **Sharath H P** (2018) **"Influence of Floating Columns on Seismic Response of Multi-Storeyed RC Framed Building"** Page # 92 in Second International Conference on Mechanical, Civil, Electronics and Communication and Computer Science Engineering (ICMCECE-2018) held on 12th and 13th April 2018, Bangalore Technological Institute, Bangalore, Karnataka, India. • Rajesh R M and **Sharath H P** (2019**) "Seismic Behaviour of Flat Slab Structure and Conventional RC Framed Structures using ETABS"**, 26th to 28th March 2019, National Conference and Faculty Development Programme in Science and Technology at ATME College of Engineering, Mysore,Karnataka, India. • Punith B R and **Sharath H P** (2019) **"Analysis of Flat Slab System With and Without Shear Wall and Periphery Beam"**, 26th to 28th March 2019, National Conference and Faculty Development Programme in Science and Technology at ATME College of Engineering, Mysore, Karnataka, India. • Sharath H P, Dr. Raviraj S and Dr. Chandradhra G P " **Analysis and Design of Concrete Filled Steel Tubular Chord and Brace Bridge Girder Under Flexural Loading**" International Conference on Recent Trends in Science and Technology ICRTST – 2023 at ATME College of Engineering, Mysore on 18th and 19th October 2023.
Patents	4
Research Projects / Consultancy Undertaken	
1. Funding Agency	
2. Fund Received (In Rs)	
Book Published	
FDP /STTP/Technical Seminar Organised and Participated as a Resource Person	45
Achievements	
Professional Membership	ACCE(I), IEI

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Signature