Name of Teaching Staff: Apurwa Rastogi			
Designation: Assistant Professor			
Department: Structural Engineering			
Date of joining the institution: 01/08/2024			
E Mail ID :	rastogiapurwast@sanjivani.org.in		
Qualification with Class/Grade :	U.G.	P.G.	PhD
	B.E.(Civil) (First Class with Distinction)	M.E. (Structures) (First Class with Distinction)	PhD (pursuing)
Total experience in years:	Teaching: 1 year		
Papers published:	International: 03 1. Parghi A, Rastogi A, Gohel J, Emami A. Parametric Study and Optimization of SMA U-Shaped Dampers with Varying U-Plate Cross-Sectional Shapes. Journal of Structural Design and Construction Practice 2025; 30:1–19. https://doi.org/10.1061/JSDCCC.SCENG-1641 2. Parghi A, Gohel J, Rastogi A, Emami A. Seismic response of torsionally linked systems using shape memory alloy passive dampers. Soil Dynamics and Earthquake Engineering 2024; 183: 108778. https://doi.org/10.1016/j.soildyn.2024.108778 3. Parghi A, Gohel J, Rastogi A, Yucel M, Avci-Karatas C, Mevada S. Seismic response prediction of asymmetric structures with SMA dampers using machine learning algorithms. Asian J Civ Eng 2025;26:2475–97. https://doi.org/10.1007/s42107-025-01323-w		
Papers presented in conferences:	International: 05 1. Rastogi, A., Parghi, A., Gohel, J. (2025). A Numerical Study on SMA U-Shaped Metallic Yielding Dampers Under Cyclic Loading. In: Singh, S.B., Gopalarathnam, M., Roy, N. (eds) Proceedings of the 3rd International Conference on Advances in Concrete, Structural, and		

	Geotechnical Engineering—Volume 2. ACSGE 2024. Springer Proceedings in Materials, vol 30. Springer, Singapore. https://doi.org/10.1007/978-981-96-0751-8_14 2. Parghı, A., Rastogı, A. (2024). U-Shaped Hysteresis SMA Damper for Seismic Isolation: A Numerical Study. In: Alam, M.S., Hasan, G.M.J., Billah, A.H.M.M., Islam, K. (eds) Proceedings of the 2nd International Conference on Advances in Civil Infrastructure and Construction Materials (CICM 2023), Volume 1. CICM 2023. Lecture Notes in Civil Engineering, vol 511. Springer, Cham. https://doi.org/10.1007/978-3-031-63276-1_26 3. Gohel J, **Rastogi A** and Parghi A, Comparison of different machine learning algorithms for response of structure equipped with shape memory alloy damper, International Conference on *Recent Advances in Structural Engineering (RAISE-2024)*, Department of Civil Engineering, S.V. National Institute of Technology Surat 395007, Gujarat, India, 16th – 18th December, 2024 (Springer). 4. Gohel J, Parghi A and **Rastogi A**, Effectiveness assessment of shape memory alloy damper in asymmetric building, 4th International Conference on *Materials Engineering and Functional Materials (ICMFM 2025)*, Da Nang, Vietnam during February 21-23, 2025.
Ph D Guide? Give field & University:	**Dr. Anant Parghi**, Associate Professor, Department of Civil Engineering, S. V. National Institute of Technology, (SV NIT) Surat, Gujarat, India **Research area:** • Seismic analysis and design smart materials and their structural application (Shape memory alloys, Nano materials), • Seismic retrofitting of steel and masonry structures • Recycle/reuse of industrial wastes for structural applications • Finite element analysis, structural dynamics, constitutive relationship • Application of advanced composites materials-fiber reinforced polymer (FRP) • Sprayed-Fiber reinforced polymer multi-criteria optimization and statistics.
Ph Ds/ Projects Guided:	**Ph Ds:** -Nil- **Projects:** -Nil- **PG:** -Nil- **UG:** -Nil-
Books Published/IPRs/Patents:	Nil
Professional Memberships:	The Indian Society for Technical Education (ISTE) Membership ID: LM133959

Consultancy Activities:	Nil
Awards:	Best Paper Award at the 3rd International conference on "Advances in Concrete, Structural & Geotechnical Engineering" held at BITS Pilani in February 2024
Grants fetched:	Got research scholarship at SVNIT Surat from Ministry of Human Resources Development, Govt. of India from Sept. **2020** - Aug. **2024**.
Interaction with professional institutions:	American Society of Civil Engineers.