LIST OF PUBLICATIONS

Journals:

1. Keshav, V., Patel, S. N., & Kumar, R. (2021). Non-linear stability and failure of laminated composite stiffened cylindrical panels subjected to in-plane impulse loading. *Structures* 29, 360-372. DOI: https://doi.org/10.1016/j.istruc.2020.11.021
2. Keshav, V., & Patel, S. N. (2020). Non-Linear dynamic pulse buckling of laminated composite curved panels. *Structural Engineering and Mechanics*, *73*(2), 181-190. DOI: https://doi.org/10.12989/sem.2020.73.2.181
3. Keshav, V., Patel, S. N. & Kumar, R. (2019). Stability and Failure Study of Suddenly Loaded Laminated Composite Cylindrical Panel. *International Journal of Applied Mechanics*, *11*(10), 1950093. DOI: https://doi.org/10.1142/S1758825119500935
4. Keshav, V., Patel, S. N. (2018). Dynamic buckling of laminated composite rectangular plates subjected to Uni-axial compression loads. *Journal of Structural Engineering*, SERC, Chennai. 45(1), 21-30.
5. Keshav, V., Patel, S. N., & Kumar, R. Effect of In-Plane Impulse Loads on the Stability and Failure of Laminated Composite Cylindrical Panel with Cutout. *International Journal of Structural Stability and Dynamics* ***(Under Review)***

Book Chapters:

1. Keshav V., Patel S.N., Kumar R. (2020) Nonlinear Dynamic Buckling and Failure Study of Laminated Composite Plates Subjected to Axial Impulse Loads. In: Maity D., Siddheshwar P., Saha S. (eds) *Advances in Fluid Mechanics and Solid Mechanics. Lecture Notes in Mechanical Engineering*. Springer, Singapore. DOI https://doi.org/10.1007/978-981-15-0772-4_25
2. Keshav V., Patel S.N. (2019) Dynamic Buckling of Laminated Composite Curved Panels Subjected to In-plane Compression. In: Rao A., Ramanjaneyulu K. (eds) *Recent Advances in Structural Engineering, Volume 2. Lecture Notes in Civil Engineering, Vol. 12.* Springer, Singapore. DOI https://doi.org/10.1007/978-981-13-0365-4_62.

Conferences:

1. Keshav V., Patel S.N. and Kumar R. (2018). Dynamic Buckling and Failure Study of Laminated Composite Curved Panels Subjected to In-Plane Impulsive Loads. *Structural Engineering Convention (SEC-2018)*,19-21, December 2018, Department of Civil Engineering Jadavpur University, Kolkata.

2. Patel S. N., Keshav V. and Kumar R. (2018). Non-linear Dynamic Buckling Study of Cross-Ply Laminated Composite Plate. *International Conference on Mechanical Engineering and Allied Science (ICMEAS-2018)*, 14-15, September 2018, School of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra, J&K, 182320.

3. Keshav V. and Patel S.N. (2017). Dynamic Buckling of Angle Ply Laminated Composite Plates Subjected to In-Plane Compression Loads. *3rd Indian Conference on Applied Mechanics (INCAM-2017)*, 5-7 July 2017, Department of Applied Mechanics, Motilal Nehru National Institute of Technology (MNNIT), Allahabad U.P. and Indian Society for Applied Mechanics (ISAM).

4. Patel S. N. and Keshav V. (2016). Nonlinear Dynamic Analysis of Laminated Composite Plates Subjected to In-Plane Harmonic Edge Loading. *Structural Engineering Convention (SEC-2016)*, 21-23 December 2016, CSIR-Structural Engineering Research Centre (SERC) jointly with IIT Madras and Anna University, Chennai.

5. Keshav V. and Patel S.N. (2016). Dynamic Buckling of Laminated Composite Curved Panels Subjected to In-Plane Compression. *Structural Engineering Convention (SEC-2016)*, 21-23 December 2016, CSIR-Structural Engineering Research Centre (SERC) jointly with IIT Madras and Anna University, Chennai.

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8. Keshav V. and Patel S.N. (2015). Dynamic Analysis of Isotropic Plates. *National Conference of Recent Advancements in Civil and Environmental Engineering (RACEE-2015)*, 28-29, November 2015, Dept. of Civil Engineering, BRCM College of Engineering and Technology. Bahal, Bhiwani, Haryana.

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BRIEF BIOGRAPHY OF THE CANDIDATE

Mr. Vasanth Keshav is a Research scholar in the Department of Civil Engineering at BITS Pilani. He received his B.E. in Civil Engineering from Visvesvaraya Technological University, Belgaum in 2012 and M.E. in Structural Engineering from Birla Institute of Technology and Science Pilani in 2015. His research interests are finite element method simulations, stability of composite structures and failure of composite structures. He has two book chapters, four journal and eight conference publications.

BRIEF BIOGRAPHY OF THE SUPERVISOR

Dr. Shuvendu Narayan Patel is an Assistant Professor in the department of civil engineering at Birla Institute of Technology and Science, Pilani. He completed his B.E. from University College of Engineering (Presently VSSUT), Burla, in 1997, M.E. in Structural Engineering from Regional Engineering College (Presently NIT), Rourkela in 2002. He completed his PhD from Indian Institute of Technology, Kharagpur in 2006 and PDF from Politecnico di Milano, Milano, Italy in 2008. His research interests are Dynamic Instability of Laminated Composite Stiffened/Un-stiffened Structures, Computational Mechanics, Non-linear Analysis of Composite Structures and Damage analysis of Laminated Composite Structures. He has three book chapters, 14 journal and 40 conference publications. He worked in the industry for two years as a CAE software testing engineer (V.J. Coresoft Pvt. Ltd., Pune) before joining Birla Institute of Technology and Science, Pilani.