Peer Reviewed Journal Publications

- Saurabh Kureel and Murari V., "Crushing Response of Helical Wound Woven Glass/Epoxy Composite Tubes with Different Winding Configurations", *Composites: Mechanics, Computations, Applications, An International Journal*, Vol. xx, 2024, pp. xx-xx; *Accepted for publication;* (Scopus)
- Saurabh Kureel and Murari V., "Crashworthy Behavior of Plain Weave Glass/Epoxy Composite Tubes Containing Different Extents of Overlap of Dropped Plies", *Mechanics of Advanced Composite Structures*, Vol. 11(1), 2023, pp. 87-102; https://doi.org/10.22075/macs.2023.30353.1497; (Scopus)
- Tushar Sharma, V. Murari, and K. K. Shukla, "Static Analysis of Wind Turbine Blade using 1D FE Mode" International Journal of Engineering, Science and Technology, Vol. 13(1), 2021, pp., 125-130; http://dx.doi.org/10.4314/ijest.v13i1.195; eISSN: 2141-2839; print ISSN: 2141-2820;
- Tushar Sharma, V. Murari and K.K. Shukla, "Effects of Aerofoil, Twist and Wind Speed on the Structural Response of 1D Finite Element model of Wind Turbine Blade", *Journal of Structural Engineering* (CSIR-SERC), 48(2), 2021, pp.164-178; ISSN 0970-0137; (Scopus)
- Tushar Sharma, Santanu Choudhury, V. Murari and K.K. Shukla, "The effect of shear web on the dynamic response of a wind turbine blade subjected to actual dynamic load", *Journal of Materials: Design and Applications*, Vol. 235(8), 2021, pp.1868-1878; https://doi.org/10.1177/14644 207211015264; (SCIE, Scopus) Citations(1)
- Tushar Sharma, V. Murari and K.K. Shukla, "Static analysis of thin walled composite and sandwich box beam", *Journal of Structural Engineering*(CSIR-SERC), Vol.45(1), 2018, pp.86-98; ISSN 0970-0137; (Scopus)
- V. Murari, and C. S. Upadhyay, "Micromechanics based diffuse damage model for unidirectional composites," *Composite Structures*, Vol. 96, 2013, pp.419-432; *https://doi.org/10.1016/j.comp struct.2012.09.008*; (SCI, Scopus) Citations(12);
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- V. Murari, and C. S. Upadhyay, "Towards a generalized macro-level damage model for unidirectional composites," *Advanced Materials Research*, Vols. 47-50, 2008, pp. 869-872; *https://doi.org/1* 0.4028/www.scientific.net/AMR.47-50.869; (Scopus) Citations(6);

Conference Publications

- Amiy chandraul, V. Murari, and Satish kumar, "Effect of Added Mass of Air on the Vibration Analysis of the Inflatable Torus", *International Conference on Advances in Aerospace and Energy Systems (IAES 2024)*, LPSC, ISRO, Valiamala Thiruvananthapuram Kerala, India, 4th - 6th April, 2024. (Accepted)
- Amiy chandraul, V. Murari, and Satish kumar, "Parametric Study for Modal Analysis Of Inflatable Torus", International Conference on Innovative Science, Engineering & Technology (ICIS-TECH2023), Amity University, Patna, 7th - 8th December, 2023.
- Amiy Chandraul, V. Murari, Satish Kumar, "Dynamic Analysis and Shape Control of Membrane Structures, International Conference on Advancements in Interdisciplinary Research, Theme: Smart and Sustainable Society (AIR 2022), MNNIT Allahabad, India, May 6-7, 2022.
- Aquib Ahmad Siddiqui, V. Murari, Satish Kumar, "Simulation of Deployment of Inflatable Structures through Uniform Pressure Method", International Conference on Advanced Manufacturing and Materials Processing (CAMMP 2021), MNIT Jaipur, July 24-25, 2021.
- Tushar Sharma, V. Murari, and K. K. Shukla, "Static Analysis of Wind Turbine Blade using 1D FE Model", Int. Conf. on Energy, Environment & Material Science (ICE2M), MMMUT Gorakhpur, Dec.01-03, 2019.
- Saurabh Kureel and V. Murari, "Effect of geometry of dropped-off edges on the impact response of woven composite laminate with ply drops", *Second International Conference on Mechanical, Materials and Renewable Energy (ICMMRE 2019)*, Majitar, Sikkim, December 6-7, 2019.
- Dhananjay Tandel and V. Murari, "Effect of damage on the initiation and growth of plastic zone and its effect on the overall mechanical response", *Indian Conference on Applied Mechanics* (*INCAM 2019*), IISc Bangalore, pp.750-753, July 3-5, 2019.

- Manish Kumar and V. Murari, "Progressive damage analysis of woven composite tube with ply-drop under compression", *Indian Conference on Applied Mechanics (INCAM 2019)*, IISc Bangalore, pp.837-844, July 3-5, 2019.
- Tushar Sharma, V.Murari and K.K.Shukla, "Static Analysis of Thin Walled Sandwich Composite Box Beam", Indian Conference on Applied Mechanics (INCAM 2017), MNNIT Allahabad, July 5-7, 2017.
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