

PEER REVIEWED
JOURNAL
PUBLICATIONS

- 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.
- 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)*, (accepted for publication) 2021 (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 (SCIE, Scopus)
- 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 (Scopus)
- V. Murari, and C. S. Upadhyay, "Micromechanics based diffuse damage model for unidirectional composites," *Composite Structures*, Vol. 96, 2013, pp.419-432. *Impact factor:3.318; Citations(11)*; <https://doi.org/10.1016/j.compstruct.2012.09.008>
- V. Murari, and C. S. Upadhyay, "Micromechanics based ply level material degradation model for unidirectional composites," *Composite Structures*, Vol. 94, 2012, pp.671-680. *Impact factor:3.318; Citations(17)*; <https://doi.org/10.1016/j.compstruct.2011.09.001>
- 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. **Citations(5)**; <https://doi.org/10.4028/www.scientific.net/AMR.47-50.869>

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- 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 (ICMRE 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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BOOK CHAPTERS

- Aquib Ahmad Siddiqui, V. Murari, and Satish Kumar. "Simulation of Deployment of Inflatable Structures Through Uniform Pressure Method", in Patnaik, A., Kukshal, V., Agarwal, P., Sharma, A., and Choudhary, M. (editors), *Soft Computing in Materials Development and its Sustainability in the Manufacturing Sector (1st ed.)*, Chapter 8, pg.145-158, ISBN: 978-0-367-72358-3 (hbk), 978-0-367-72360-6 (pbk), 978-1-003-15451-8 (ebk), CRC Press.
<https://doi.org/10.1201/9781003154518> (2022)
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