

Name : KANU PRIYA JHANJI
E-mail : kanupriyaj@hindustanuniv.ac.in
Designation : Assistant Professor
Degree (highest degree with year of graduation) : M.Tech 2013
Experience : Industry :- Academic : 5.7 Yrs
Specialization : Aeronautical
Research Area : Composite Materials/ Structures



Publication details:

1. R Amit Kumar, R Asokan, Failure of adhesively bonded single lap joints with MWCNT and Fullerene C₆₀ in the adhesive due to tensile loading IOP Conf. Series: Materials Science and Engineering 912 (2020) 032042 IOP Publishing doi:10.1088/1757-899X/912/3/032042
2. Kanu Priya Jhanji, R Asokan, The flexural properties of self healing fiber reinforced polymer composites, IOP Conf. Series: Materials Science and Engineering 912 (2020) 052022 IOP Publishing doi:10.1088/1757-899X/912/5/052022
3. Amit Kumar R, Asokan R, Response of adhesively bonded single lap joint doped with MWCNT and Fullerene C₆₀ in the adhesive to the tensile strength of the joints”, IOP Conf. Series: Materials Science and Engineering 748 (2020) 012024 IOP Publishing doi:10.1088/1757-899X/748/1/012024
4. Jhanji, K.P., Asokan, R., Amit Kumar, R., Mahathi Guptha, K., Kumar, S., Effect of microcapsules addition on impact properties of carbon fiber reinforced polymer and glass fiber reinforced polymer composites, IOP Conference Series: Materials Science and Engineering, 748 (2020)
5. Jhanji, K.P., Amit Kumar, R., Das, D., Sarkar, S. Response of composite laminate with various cut-out combinations to tension load IOP Conference Series: Materials Science and Engineering, 2019, 561(1), 012109
6. R. Amit Kumar, K.P. Jhanji, P.S. Venkatanarayanan, M.J. Soris and N. Srikanth, Response of Glass Fibre Reinforced Nano Epoxy Composite Subjected to Shear and Flexural Loads, International Journal of Vehicle Structures & Systems, Volume 11, 2019, Issue 3

7. K.P. Jhanji, R. Asokan, R.A. Kumar, S.S.P. Dhevi , K.M. Guptha and P. Chowdary, Effect of Healing Agent Filled Microcapsules on Tensile Strength of Glass Fibre Reinforced Epoxy Composite Laminate, International Journal of Vehicle Structures & Systems, Volume 11, 2019, Issue 3
8. R. Amit Kumar, R. Asokan, Kanu Priya Jhanji, Debajit Das, N. Vishnu Sai, Investigation of Tensile Properties of Carbon/Epoxy Composite Joints with and without Carbon Nano-Tubes, International Journal of Vehicle Structures and Systems, Volume 11, 2019, Issue 2.
9. Jhanji, K.P., Kumar, R.A., Likhith, P.V.N., Influence of circular and square cut-outs on fiber glass/epoxy composite laminate under tensile loading , International Journal of Engineering, Transactions A: Basics Vol 31, No. 1, 2018
10. Aditya Ashok Khemchandani, Kanu Priya Jhanji, R. Amit Kumar, NT Vyshaly, Strength and Failure Analysis of Carbon Fiber Reinforced Composite Laminate with Multiple Holes in Series, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10, No. 91 (2015)
11. Nitin Kumar R, Kanu Priya Jhanji, R. Amit Kumar, Probal Chowdary, Strength and Failure Analysis of Different Composite Laminates with a hole, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No. 91 (2015)
12. Probal Chowdary, Kanu Priya Jhanji, R. Amit Kumar, Nitin Kumar R, Strength and Failure Analysis of Different Composite Laminates with Multiple Holes in Series, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No. 91 (2015).
13. Aditya Ashok Khemchandani, KanuPriya Jhanji, R. Amit Kumar, NT Vyshaly, Strength and Failure Analysis of Carbon Fiber Reinforced Composite Laminate with a hole, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol.10 No. 91 (2015)
14. V. Dinesh Babu, Kanu Priya Jhanji and K. Ramajeyathilagam, Failure Analysis of Various Composites Subjected to Pin Load, International Journal of Mines, Metals and Fuels, ISSN No. 00222755, Vol 1, June 2015

Conference attended/organized:

1. NCAT-2018 Organized by School of Aeronautical Sciences, Hindustan Institute of Technology and Science held on 27-28 Sept 2018.
2. 20th International Conference on Innovative Trends in Engg, Life Science & Business (Innovative Trends2017) Held on 08 & 09 September 2017, Chennai, India, Organized by International Organization of Scientific Research and Development (IOSRD), India.
3. EApp-2016 organized by Sathyabama University on 27-29 June 2016.

Workshop attended/ organized :

1. Participated in Faculty Development Program on 'Manufacturing and Analysis of Advanced Materials and Engineering Structures by MLRIT on 26/5/2020 - 30/5/2020.
2. Completed a 5 day Faculty Development Program on Applications of Thermal Engineering from 8/6/2020-12/6/2020 by Kings Engineering College.
3. Completed a TEQIP- III sponsored one week Faculty Development Program on "Recent Advances in Mechanical Engineering" in June by SGSITS, Indore
4. Synthesis and Characterization of Nano materials for industrial Applications - Dr. T.M. Sridhar
5. OBE and Teaching Learning & Assessment Process – Dr. N. Vasudevan.
6. ANSYS workshop - MIT Chennai.

Seminar attended/organized :

1. Project Management For Aeronautical Engineers - Dr. T. Mohanchandralal.
2. Material Science for Clean Energy Application – Dr. Rajeev Ahuja.