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List of Publications:

1. **R. Ashok kumar** & M.R.Thansekhar, 2018, 'Mechanical and wear properties friction stir welded dissimilar AA6101-T6 and AA1350 alloys: Effect of offset distance and number of passes', Journal of Mechanical Science and Technology, vol. 32, no. 7, pp. 3299-3307, DOI: DOI 10.1007/s12206-018-0632-8.
2. **R. Ashok kumar** & M.R.Thansekhar, 2018, 'Reinforcement with alumina particles at the interface region of AA6101-T6 and AA1350 alloys during friction stir welding', Materials Research Express, vol. 5, no. 4, pp. 1-11,
3. **R. Ashok kumar** & M.R.Thansekhar, 2017, 'Property evaluation of friction stir welded dissimilar metals: AA6101-T6 and AA1350 Aluminium Alloys', Materials Science, vol. 23, no. 1, pp. 78-83,
4. **R. Ashok kumar**. G.R.Raghav, K.J.Nagarajan, Sathish Rengarajan, P.Suganthi & V.Vignesh,
   2019, 'Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding', Metallurgical Research and Technology, 116, 631**,** DOI: https://doi.org/10.1051/metal/2019062
5. R.Vasanth, K.Mohan, Sathish Rengarajan, R.Jayaprakash & **R. Ashok kumar**, 2019, Characterization and corrosion effects of Friction surfaced IS-2062 E250 CU with AA6063, Materials Research Express, vol. 6, no. 12.
6. **R. Ashok kumar**, R. Muneeswaran, M. Saravana Mohan, Sathish Rengarajan, G.R. Raghav, K.J. Nagarajan, 2020, 'Effects of tool pin profile on tensile and wear behaviour of friction stir welded AA6101-T6 and AA1350 alloys', Metallurgical Research and Technology, 117, 503.
7. G. Kasirajan, Sathish Rengarajan, **R. Ashok kumar**, G.R. Raghav, V.S. Rao, K.J. Nagarajan, 2020, Tensile and wear behaviour of friction stir welded AA5052 and AA6101-T6 aluminium alloys: effect of welding parameters, Metallurgical Research and Technology, 117, 405.
8. K.J.Nagarajan, A.N.Balaji, K. Sathick Basha, N.R.Ramanujam, **R. Ashok kumar** 2020, Effect of agro waste α-cellulosic micro filler on mechanical

and thermal behavior of epoxy composites International Journal of Biological Macromolecules Volume 152, Pages 327-339,

Other Journals

9. G R Raghav, **R. Ashok kumar**, D.Muthukrishnan, K.J.Nagarajan, E.Sajith and V.Sruthi, 2020, Synthesis and mechanical characterization of Fe-BN-TiC nanocomposites Synthesis and Mechanical Characterization of Fe-BN-TiC nanocomposites Engineering Research Express, Vol 2 , Iss. No. 2
10. **R. Ashok kumar** & M.R.Thansekhar, 2019, 'Wear behaviour of friction stir welded dissimilar aluminium alloys', Metallofizika i Noveishie Teknologii, vol. 41, no. 2, pp. 203-211.

11. **R. Ashok kumar** & M.R.Thansekhar, 2014, 'Effects of tool pin profile and tool shoulder diameter on the tensile behaviour of friction stir welded joints of aluminium alloys', Advanced Materials Research, vol. 984-985, pp. 586-591, DOI: doi:10.4028/www.scientific.net/AMR.984-985.586 **(Trans Tech Publications).**

12. **R. Ashok kumar** & M.R.Thansekhar, 2015, 'Review on Friction Stir Welding', International Journal of Applied Engineering Research, vol. 10, no. 8, pp. 6337-6341, **(Research India Publications).**