

### **LAST 5 years Publication – B. Anand Ronald**

1. S.Arokiasamy and **B.Anand Ronald**, Synthesis and Characterization of Lead Alloy reinforced With Graphite & Silicon Carbide, *International Journal of Applied Engineering Research, Special Issues*, Volume. 10, Number 57, **2015**, pp.409-411.
2. S.Arokiasamy and **B.Anand Ronald**, Hardness and Wear behavior of Lead Metal matrix Composites,*International Journal of Applied Engineering Research*, Vol. 10, No.68, **2015**, pp.667-672.
3. Arokiasamy S, **Anand Ronald B**, Pruthivirajan M, Mohan D, Investigation of Mechanical Properties of Aluminum Alloy 7075-Silicon carbide Particulates reinforced Metal Matrix Composites, *Journal of Chemical and Pharmaceutical Sciences, Special Issue 11*, Oct. **2015**, pp. 158 – 160. (ISSN: 0974-2115).
4. **B. Anand Ronald**, C. Arun Prakash, M. Suba Karthik, **K.V.J. Arun**, Influence of Steel Shot Size on the Permeability of Mould, *Perspectives in Science (Elsevier)*, Vol. 8, Sept. **2016**. pp.444 - 446 (DOI: 10.1016/j.pisc.2016.04.100).
5. **B. Anand Ronald**, C. Arun Prakash, M. Suba Karthik, Influence of Steel Shots Size on Tensile Properties of Magnetic Moulded MMC, *Applied Mechanics and Materials*, TransTech Publishers, Germany, **2016**, Vol. 852, pp. 118-122, IF:0.09, ISSN: 16627482.
6. S.Arokiasamy and **B.Anand Ronald**, Optimization of Process Parameters in Friction Stir Processing of Magnesium Metal Matrix Composites Using Taguchi Method, *Journal of the Balkan Tribological Association*, Vol. 23, No 1-I, 16–22 ,**2017**, (Ref. No: 1686/01.05.2016) [IF: 0.7]
7. S. Arokiasamy, **B. Anand Ronald**, Experimental investigations on the enhancement of mechanical properties of magnesium-based hybrid metal matrix composites through friction stir processing, *International Journal of Advanced Manufacturing Technology*, DOI 10.1007/s00170-017-0221-5. [IF : 1.56], Mar. **2017**, Vol. 93, pp.493 - 503.
8. S. Arokiasamy, **B. Anand Ronald**, "Enhanced properties of Magnesium based metal matrix composites via Friction Stir Processing", *Materials Today: Proceedings*, 5 , Apr. **2018**, pp. 6934–6939.
9. Sakthi Vigneshwaran, Vishnuvardhan. K, Arun Prakash. C & **Anand Ronald. B**, Sorting And Inspection Using Machine Vision - A Review, *International Journal Of Mechanical And Production, Engineering Research And Development*, Vol. 8, Special Issue 7, Oct **2018**, 611-616.
10. Arun Prakash. C, **Anand Ronald. B**, Effect of Steel Shot Size on the Properties of Magnetic Moulded MMC, *Journal of the Balkan Tribological Association*, Vol. 25, No 2, 353–364, **2019**. [IF: 0.7]
11. Johnny Varghese, **Anand Ronald. B**, Low Velocity Impact, Fatigue and Visco-elastic Behaviour of Carbon E-glass Intra-ply fibre-Reinforced Nano-silica Toughened Epoxy Composite, *Silicon*, DOI 10.1007/s12633-020-00566-3

12. **B. Anand Ronald**, M. Harshal, K. Barath Varadaraj, and G. Gopinath, Development of a Modified Magnetic Moulding Set up for Improved Heat Transfer, 2021, 611 – 618, S. Vijayan et al. (eds.), *Trends in Manufacturing and Engineering Management*, Lecture Notes in Mechanical Engineering, [https://doi.org/10.1007/978-981-15-4745-4\\_54](https://doi.org/10.1007/978-981-15-4745-4_54).
13. Sankgeeth Vennila Sigamani, Shami Jose Jose Robin, Arun Prakash Chandran, and **B. Anand Ronald**, Effect of Input Velocity on the Output of Vertical Axis Wind Turbine (VAWT), 1075 – 1084, 2021. S. Vijayan et al. (eds.), *Trends in Manufacturing and Engineering Management*, Lecture Notes in Mechanical Engineering, [https://doi.org/10.1007/978-981-15-4745-4\\_93](https://doi.org/10.1007/978-981-15-4745-4_93).