## Dr. V. ANANDHAKRISHNAN

## **NIT, TRICHY**

## Last 5 years publications details

- 1. K, Anandakrishnan V, Sathish S. Modelling and analysis of abrasive water jet machining of AA2014 alloy with Al2O3 abrasive using fuzzy logic. Mater Today Proc. 2020;21:652–7.
- 2. Sathish S, Anandakrishnan V, Gupta M. Optimization of tribological behavior of magnesium metal-metal composite using pattern search and simulated annealing techniques. Mater Today Proc. 2020;21:492–6.
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- 4. Sathish S, Anandakrishnan V, Gupta M. Analysis of wear behavior of a novel magnesium metal–metal composite. Surf Rev Lett. 2020;1950228.
- 5. Raja S, Ravichandran M, Stalin B, Anandakrishnan V. A Review on Tribological, Mechanical, Corrosion and Wear Characteristics of Stir Cast AA6061 Composites. Mater Today Proc. 2020;22:2614–21.
- 6. Shibin R, Anandakrishnan V, Sathish S, Sujana VM. Investigation on the abrasive water jet machinability of AA2014 using SiC as abrasive. Mater Today Proc. 2020;21:519–22.
- 7. Manjunath A, Anandakrishnan V, Ramachandra S, Parthiban K. Experimental investigations on the effect of pre-positioned wire electron beam additive manufacturing process parameters on the layer geometry of titanium 6Al4V. Mater Today Proc. 2020;21:766–72.
- 8. Girish G, Anandakrishnan V. Tribological behaviour of recursive friction stir processed AA7075. Ind Lubr Tribol. 2020;
- 9. Kumar CHB, Anandakrishnan V. Experimental investigations on the effect of wire arc additive manufacturing process parameters on the layer geometry of Inconel 825. Mater Today Proc. 2020;21:622–7.
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- 13. Meignanamoorthy M, Ravichandran M, Vidhya VS, Anandakrishnan V. Microstructure and properties of high strength Al-Fe-Cu-Si-Zn alloy (AA8079) produced by mechanical alloying and powder metallurgy. Mater Test. 2019;61(7):627–34.
- 14. Selvan BMM, Anandakrishnan V, Duraiselvam M, Sundarameenakshi S. Wear testing of in situ cast AA8011-TiB2 metal matrix composites. Mater Test. 2019;61(8):779–86.
- 15. Girish G, Anandakrishnan V. Investigations on microstructural and texture evolution during recursive friction stir processing of aluminium 7075 alloy. Mater Res Express. 2019;6(12):126574.
- 16. Sathish S, Anandakrishnan V, Dillibabu V, Muthukannan D, Balamuralikrishnan N. Optimization of Coefficient of Friction for Direct Metal Laser Sintered Inconel 718. In: Advances in Manufacturing Technology. Springer, Singapore; 2019. p. 371–9.
- 17. Selvan BMM, Anandakrishnan V. Investigations on Corrosion Behaviour of AA 8011-ZrB 2 in Situ Metal Matrix Composites. In: Advances in Manufacturing Technology. Springer, Singapore; 2019. p. 335–42.
- 18. Selvan BMM, Anandakrishnan V. Investigations on Corrosion Behaviour of Composites AA 8011-ZrB2 in Situ Metal Matrix. Adv Manuf Technol Sel Proc ICAMT 2018. 2019;335.
- 19. Sathish S, Anandakrishnan V, Sankaranarayanan S, Gupta M. Optimization of wear parameters of magnesium metal-metal composite using Taguchi and GA technique. J Tribol. 2019;23:76–89.
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