

Dr. V. ANANDAKRISHNAN, M.E., Ph.D.  
Associate Professor, Department of Production Engineering,  
National Institute of Technology, Tiruchirappalli - 620 015  
Tamil Nadu, INDIA  
Phone: +91 0431-2503521; Fax: 0431-2500133  
Email: [krishna@nitt.edu](mailto:krishna@nitt.edu)

**Last 5 year Publication Details:**

1. Verma K, **Anandakrishnan V**, Sathish S. Modelling and analysis of abrasive water jet machining of AA2014 alloy with Al<sub>2</sub>O<sub>3</sub> 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.
3. **Anandakrishnan V**, Sathish S, Muthukannan D, Dillibabu V, Balamuralikrishnan N. Dry sliding wear behavior of Inconel 718 additively manufactured by DMLS technique. Ind Lubr Tribol. 2020;
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. Keerthivasan N, Selvaraj S, **Anandakrishnan V**, Thayumanvan E. Tribological Behavior of AZ91–Al<sub>2</sub>O<sub>3</sub> Composites by Powder Metallurgy. In: Advances in Manufacturing Technology. Springer, Singapore; 2019. p. 453–61.
7. Meignanammoorthy 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.
8. Selvan BMM, **Anandakrishnan V**, Duraiselvam M, Sundarameenakshi S. Wear testing of in situ cast AA8011-TiB<sub>2</sub> metal matrix composites. Mater Test. 2019;61(8):779–86.
9. 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.
10. 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.
11. Selvan BMM, **Anandakrishnan V**. Investigations on Corrosion Behaviour of Composites AA 8011-ZrB<sub>2</sub> in Situ Metal Matrix. Adv Manuf Technol Sel Proc ICAMT 2018. 2019;335.
12. Selvan BM, **Anandakrishnan V**, Duraiselvam M, Venkatraman R, Sathish S. Multi objective optimization of wear behaviour of in situ AA8011-ZrB<sub>2</sub> metal matrix

composites by using Taguchi-Grey analysis. In: Materials Science Forum. Trans Tech Publications Ltd; 2018. p. 162–7.

13. Saravanan C, Subramanian K, **Anandakrishnan V**, Sathish S. Tribological behavior of AA7075-TiC composites by powder metallurgy. *Ind Lubr Tribol*. 2018;
14. Baskaran S, **Anandakrishnan V**. Statistical analysis of Co-efficient of friction during dry sliding wear behaviour of TiC reinforced Aluminium Metal Matrix Composites. *Mater Today Proc*. 2018;5(6):14273–80.
15. Shantharaman PP, Prabhakar M, **Anandakrishnan V**, Sathish S. Multi-objective optimization of cold upsetting parameters for aluminium metal matrix composites. *Trans Indian Inst Met*. 2018;71(4):909–14.
16. K Ilayaraja **Anandakrishnan Veeramani**, S Sathish, M Ravichandran, R Ravikumar PRK. Multi-Objective Optimization Of Electric Discharge Machining Of Hybrid Copper Composite Using Taguchi Grey Relational Analysis. *J Adv Chem*. 2017;13(1):5923–8.
17. Ilayaraja K, Ranjith Kumar P, **Anandakrishnan V**, Sathish N, Ravichandran V, Ravikumar R. Workability behavior of hybrid copper matrix composites synthesized by powder metallurgy technique. *Mech Mech Eng*. 2017;21(2).
18. Ravichandran M, **Anandakrishnan V**, Duraiselvam IM, Pramanik A. Recent Issues in Materials and Manufacturing. SAGE Publications Sage UK: London, England; 2017.
19. Saravanan S, Palanisamy T, Ravichandran M, **Anandakrishnan V**, Sankar S, Balan A V. Accelerated Short-Term Techniques to Evaluate Corrosion in TiC Reinforced AA6063 Composites. *J Adv Chem*. 2017;13(10):5905–13.
20. Sandeep H, Christupaul R, **Anandakrishnan V**, Sathish S. Dielectric permittivity, emw filtering and mechanical strength behaviour of cu-particle/microwire-mesh reinforced unsaturated polyester composite in 2-18ghz microwave region. *Dig J Nanomater Biostructures*. 2016;14:145–52.
21. Manickam Ravichandran Shanmugam Sathish, **Veeramani Anandakrishnan MT**. Optimization of welding parameters to attain maximum strength in friction stir welded AA7075 joints. *Mater Test*. 2016;58(Issue 3):206–10.