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List of Publications:

1. Manickam Ravichandran and **Veeramani Anandakrishnan**, Optimization of powder metallurgy parameters to attain maximum strength coefficient in Al –10 wt% MoO₃ composite, Journal of Materials Research, Volume 30, 2015, Pp 2380-2387. Doi:10.1557/jmr.2015.211
2. M. Ravichandran, A. Naveen Sait, and **V. Anandakrishnan**, Synthesis and forming characteristics of Al–TiO₂ powder metallurgy composites during cold upsetting under plane stress state conditions, Journal of Sandwich Structures and Materials, Vol. 17 no. 3, May 2015, Pages 278-294.
3. C. Saravanan, K. Subramanian, **V. Ananda Krishnan**, and R. Sankara Narayanan, Effect of Particulate Reinforced Aluminium Metal Matrix Composite–A Review, Mechanics and Mechanical Engineering, Volume 19, no. 1, (2015), Pp 23-30.
4. M. Ravichandran, VS. Vidhya, **V. Anandakrishnan**, Study of characteristics of Al + 5 wt.% TiO₂ + 6 wt.% Gr hybrid P/M composite powders prepared by ball milling process, Physicochemical Mechanics of Materials, Volume 4, 2015, Pages 136-143.
5. Manickam Ravichandran, Mokkaia Thirunavukkarasu, Shanmugam Sathish and **Veeramani Anandakrishnan**, Optimization of welding parameters to attain maximum strength in friction stir welded AA7075 joints, Materials Testing, Volume 58, No.3, 206-210, March 2016.
6. M Ravichandran, **V Anandakrishnan**, Hot Upset Studies on Sintered (Al–TiO₂–Gr) Powder Metallurgy Hybrid Composite, Strength of Materials, Springer, Volume 48, issue 3, 450-459, May 2016.
7. R Ravikumar, K Ilayaraja, P Ranjith Kumar, **Anandakrishnan Veeramani**, S Sathish, M Ravichandran, Multi-Objective Optimization Of Electric Discharge Machining Of Hybrid Copper Composite Using Taguchi Grey Relational Analysis, Journal of Advances in Chemistry, Volume 13, Issue-01, Pages-5923-5928, Jan 2017.

8. K. Ilayaraja, P. Ranjith Kumar, **V. Anandakrishnan**, N. Sathish, V. Ravichandran, R. Ravikumar, Workability behavior of hybrid copper matrix composites synthesized by powder metallurgy technique, *Mechanics and Mechanical Engineering*, Volume 21, Issue-02, pages- 207-216, Feb 2017.
9. Sekar Saravanan, Palanisamy Senthilkumar, Manickam Ravichandran, **Veeramani Anandakrishnan**, Mechanical, electrical, and corrosion behavior of AA6063/TiC composites synthesized via stir casting route, *Journal of Materials Research*, Volume 32, Issue-03, Pages- 606-614, Feb 2017.
10. S. Saravanan, T. Palanisamy, M. Ravichandran, **V. Anandakrishnan**, S. Sankar, A. V. Balan, Accelerated Short-Term Techniques to Evaluate Corrosion in TiC Reinforced AA6063 Composites, *Journal of Advances In Chemistry*, Volume 13, Issue-10, Pages- 5905-5913, March 2017.
11. Ilayaraja Karuppiyah, Ranjith Kumar Poovaraj, **Anandakrishnan Veeramani**, Sathish Shanmugam, Ravichandran Manickam, Ravikumar Rangasamy, Synthesis, characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy, *International Journal of Materials Research*, Volume 108, Issue-07, Pages- 586-591, 2017.
12. M. Ravichandran, **V. Anandakrishnan**, Ing. M. Duraiselvam, Alokesh Pramanik, Recent Issues in Materials and Manufacturing, *Advances in Mechanical Engineering*, Volume 9, Issue-12, Pages- 1687814017743107, Dec 2017.
13. R. Gnanasekaran, J. Bensam Raj, **V. Anandakrishnan**, Investigations on electric discharge machining of copper-Al₂O₃-Gr powder metallurgy composites, *International Journal of Additive and Subtractive Materials Manufacturing*, Volume 2, Issue-01, Pages-61-73, 2018.
14. B. M. Selvan, **V. Anandakrishnan**, Muthukannan Duraiselvam, Ramamoorthy Venkatraman, S. Sathish, Multi Objective Optimization of Wear Behaviour of In Situ AA8011-ZrB₂ Metal Matrix Composites by Using Taguchi-Grey Analysis, *Materials Science Forum*, Volume 928, Pages-162-167, 2018.
15. C. Saravanan, K. Subramanian, **V. Anandakrishnan**, S. Sathish, Tribological behavior of AA7075-TiC composites by powder metallurgy, *Industrial Lubrication And Tribology*, Volume 70, Issue-06, Pages- 1066-1071, 2018.
16. P. P. Shantharaman, M. Prabhakar, **V. Anandakrishnan**, S. Sathish, Multi-objective Optimization of Cold Upsetting Parameters for Aluminium Metal Matrix Composites, *Transactions of the Indian Institute of Metals*, Volume 71, Issue-04, Pages-1-6, April 2018.

17. S Baskaran, **V Anandakrishnan**, Statistical analysis of Co-efficient of friction during dry sliding wear behaviour of TiC reinforced Aluminium Metal Matrix Composites, Materials Today: Proceedings, Volume 5, Issue-06, Pages- 14273-14280, Dec 2018.
18. R. Rahul, S. Sreenivash, K. Renuka, **V. Anandakrishnan** S. Sathish, Experimental Investigation and Optimization of SiC Abrasive Water Jet Machining of Aluminium Alloys, International Journal of Vehicle Structures & Systems, Volume 10, Issue-05, Pages- 337-341, 2018.
19. BM Selvan, **V Anandakrishnan**, Muthukannan Duraiselvam, Ramamoorthy Venkatraman, S Sathish, Multi Objective Optimization of Wear Behaviour of In Situ AA8011-ZrB₂ Metal Matrix Composites by Using Taguchi-Grey Analysis, Materials Science Forum, Volume 928, Pages- 162-167, 2018.
20. Saravanan Chinnaiyan, Subramanian Karuppazhagi, **Anandakrishnan Veeramani**, Sathish Shanmugam, Synthesis and Forming Behaviour of AA7075-TiC Powder-Metallurgy Composites, Materials and technology, Volume 52, Issue-06, Pages- 809–812, 2018.
