Analysis Of Wear Behavior Of A Novel Magnesium Metal—Metal Composite S Sathish, V Anandakrishnan, M Gupta Surface Review and Letters 27 (10), 1950228 Optimization of dry sliding wear parameters of recursive friction stir processed		2020
aluminium 7075 alloy G Girish, V Anandakrishnan Proceedings of the Institution of Mechanical Engineers, Part J: Journal of		2020
Tribological behaviour of recursive friction stir processed AA7075 G Girish, V Anandakrishnan Industrial Lubrication and Tribology Dry sliding wear behavior of Incomel 718 additively manufactured by DMLS		2020
Dry sliding wear behavior of Inconel 718 additively manufactured by DMLS technique V Anandakrishnan, S Sathish, D Muthukannan, V Dillibabu, Industrial Lubrication and Tribology		2020
Experimental investigations on the effect of wire arc additive manufacturing process parameters on the layer geometry of Inconel 825 CHB Kumar, V Anandakrishnan Materials Today: Proceedings 21, 622-627	<u>3</u>	2020
A Review on Tribological, Mechanical, Corrosion and Wear Characteristics of Stir Cast AA6061 Composites S Raja, M Ravichandran, B Stalin, V Anandakrishnan Materials Today: Proceedings 22, 2614-2621	<u>10</u>	2020
Experimental investigations on the effect of pre-positioned wire electron beam additive manufacturing process parameters on the layer geometry of titanium 6Al4V A Manjunath, V Anandakrishnan, S Ramachandra, K Parthiban Materials Today: Proceedings 21, 766-772	<u>6</u>	2020
Modelling and analysis of abrasive water jet machining of AA2014 alloy with Al2O3 abrasive using fuzzy logic K Verma, V Anandakrishnan, S Sathish Materials Today: Proceedings 21, 652-657	<u>4</u>	2020
Determination of friction stir processing window for AA7075 G Girish, V Anandakrishnan Materials Today: Proceedings 21, 557-562	2	2020
Optimization of tribological behavior of magnesium metal-metal composite using pattern search and simulated annealing techniques S Sathish, V Anandakrishnan, M Gupta Materials Today: Proceedings 21, 492-496	<u>4</u>	2020
Investigation on the abrasive water jet machinability of AA2014 using SiC as abrasive R Shibin, V Anandakrishnan, S Sathish, VM Sujana Materials Today: Proceedings 21, 519-522	<u>2</u>	2020
Investigations on microstructural and texture evolution during recursive friction stir processing of aluminium 7075 alloy G Girish, V Anandakrishnan	<u>3</u>	2019

Materials Research Express 6 (12), 126574		
Optimization of wear parameters of Mg-(5.6 Ti+ 3Al)-2.5 B4C composite S Sathish, V Anandakrishnan, G Manoj Industrial Lubrication and Tribology	<u>2</u>	2019
Wear testing of in situ cast AA8011-TiB ₂ metal matrix composites BMM Selvan, V Anandakrishnan, M Duraiselvam, S Sundarameenakshi Materials Testing 61 (8), 779-786		2019
Microstructure and properties of high strength Al-Fe-Cu-Si-Zn alloy (AA8079) produced by mechanical alloying and powder metallurgy M Meignanamoorthy, M Ravichandran, VS Vidhya, V Anandakrishnan Materials Testing 61 (7), 627-634	1	2019
Investigations on Corrosion Behaviour of Composites AA 8011-ZrB2 in Situ Metal Matrix BMM Selvan, V Anandakrishnan Advances in Manufacturing Technology: Select Proceedings of ICAMT 2018, 335		2019
Optimization of wear parameters of magnesium metal-metal composite using Taguchi and GA technique S Sathish, V Anandakrishnan, S Sankaranarayanan, M Gupta Jurnal Tribologi 23, 76-89		2019
<u>Tribological Behavior of AZ91–Al₂O₃ Composites by Powder Metallurgy</u> N Keerthivasan, S Selvaraj, V Anandakrishnan, E Thayumanvan Advances in Manufacturing Technology, 453-461		2019
Investigations on Corrosion Behaviour of AA 8011-ZrB ₂ in Situ Metal Matrix Composites BMM Selvan, V Anandakrishnan Advances in Manufacturing Technology, 335-342		2019
Optimization of Coefficient of Friction for Direct Metal Laser Sintered Inconel 718 S Sathish, V Anandakrishnan, V Dillibabu, D Muthukannan, Advances in Manufacturing Technology, 371-379		2019
<u>Tribological behavior of AA7075-TiC composites by powder metallurgy</u> C Saravanan, K Subramanian, V Anandakrishnan, S Sathish Industrial Lubrication and Tribology	<u>15</u>	2018
Multi-objective optimization of cold upsetting parameters for aluminium metal matrix composites PP Shantharaman, M Prabhakar, V Anandakrishnan, S Sathish Transactions of the Indian Institute of Metals 71 (4), 909-914	1	2018
Investigation of tribological behavior of AA8011-ZrB2 in-situ cast-metal-matrix composites KSKO AA8011-ZrB Materiali in tehnologije 52 (4), 451-457	<u>4</u>	2018
ANALYSIS OF MICRO HARDNESS AND MICRO STRUCTURE PROPERTIES AND OF ALLOY STEEL GR. 22 MATERIAL WELDED BY GMAW PROCESS K Karthikeyan, V Anandakrishnan	<u>5</u>	2018
Multi objective optimization of wear behaviour of in situ AA8011-ZrB2 metal matrix composites by using Taguchi-Grey analysis BM Selvan, V Anandakrishnan, M Duraiselvam, R Venkatraman, Materials Science Forum 928, 162-167	1	2018

Investigations on electric discharge machining of copper-Al ₂ O ₃ -Gr powder metallurgy composites R Gnanasekaran, JB Raj, V Anandakrishnan International Journal of Additive and Subtractive Materials Manufacturing 2	<u>1</u>	2018
Statistical analysis of Co-efficient of friction during dry sliding wear behaviour of TiC reinforced Aluminium Metal Matrix Composites S Baskaran, V Anandakrishnan Materials Today: Proceedings 5 (6), 14273-14280	<u>3</u>	2018
Recent Issues in Materials and Manufacturing M Ravichandran, V Anandakrishnan, IM Duraiselvam, A Pramanik Advances in Mechanical Engineering 9 (12), 1687814017743107		2017
Synthesis, characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy I Karuppiah, RK Poovaraj, A Veeramani, S Shanmugam, R Manickam, International Journal of Materials Research 108 (7), 586-591	<u>5</u>	2017
Accelerated Short-Term Techniques to Evaluate Corrosion in TiC Reinforced AA6063 Composites S Saravanan, T Palanisamy, M Ravichandran, V Anandakrishnan, JOURNAL OF ADVANCES IN CHEMISTRY 13 (10), 5905-5913	1	2017
Mechanical, electrical, and corrosion behavior of AA6063/TiC composites synthesized via stir casting route S Saravanana, P Senthilkumar, M Ravichandran, V Anandakrishnan TiC 2 (2.605), 3.52	<u>25</u>	2017
Workability behavior of hybrid copper matrix composites synthesized by powder metallurgy technique K Ilayaraja, P Ranjith Kumar, V Anandakrishnan, N Sathish, Mechanics and Mechanical Engineering 21 (2)		2017
Multi-Objective Optimization Of Electric Discharge Machining Of Hybrid Copper Composite Using Taguchi Grey Relational Analysis RR K Ilayaraja, P Ranjith Kumar, Anandakrishnan Veeramani, S Sathish, M Journal of Advances in Chemistry 13 (01), 5923-5928		2017
Hot Upset Studies on Sintered (Al–TiO ₂ –Gr) Powder Metallurgy Hybrid Composite M Ravichandran, V Anandakrishnan Strength of Materials 48 (3), 450-459	4	2016
Optimization of welding parameters to attain maximum strength in friction stir welded AA7075 joints VA Manickam Ravichandran, Mokkaiya Thirunavukkarasu, Shanmugam Sathish Materials Testing 58 (Issue 3), 206-210	<u>8</u>	2016
Analysis and Comparison of Mechanical Properties of Alloy Steel gr. 22 Material Welded by GMAW Process with Conventional SMAW Process K Karthikeyan, V Anandakrishnan, R Alagesan Indian Journal of Engineering, Science, and Technology 10 (1), 53		2016
Dielectric permittivity, emw filtering and mechanical strength behaviour of cuparticle/microwire-mesh reinforced unsaturated polyester composite in 2-18ghz microwave region H Sandeep, R Christupaul, V Anandakrishnan, S Sathish Digest Journal of Nanomaterials and Biostructures 14, 145-52	1	2016