

S.No	Title of Publication	Year
1.	Study of mechanical, microstructural and thermal stability properties of friction stir processed aluminum 2024-T3 alloy M Regev, S Spigarelli Kovove Mater 57, 229-236	2019
2.	Mechanical and wear properties of Mg/Mo nanocomposites M Raj, K Manisekar, M Gupta KOVOVE MATERIALY-METALLIC MATERIALS 57 (4), 237-246	2019
3.	Central Composite Experimental Design Applied to the Dry Sliding Wear Behavior of Mg/Mica Composites MJI Raj, K Manisekar, M Gupta Journal of Tribology 141 (1), 011603	2019
4.	Dry sliding wear behaviour of single and dual ceramic reinforcements premixed with Al powder in AA6061 matrix P Hariharasakthisudhan, S Jose, K Manisekar Journal of Materials Research and Technology 8 (1), 275-283	2019
5.	Heat distribution studies on slewing ring bearings using FLOTherm software S Babu, K Manisekar, FP Gregory, K Ilango, TVN Kumar, KK Aswin 2017 International Conference on Technological Advancements in Power and ...	2017
6.	Low velocity axial collapse behavior of E-glass fiber/epoxy composite conical frusta M Kathiresan, K Manisekar Composite Structures 166, 1-11	2017
7.	Heat Transfer Analysis of Slewing Ring Bearing for High Thermal Applications S Babu, K Manisekar, ES KalaiSelvi Journal of Thermal Science and Engineering Applications 9 (1), 011006	2017
8.	Optimization Analysis of Process Parameters of Friction Stir Welded Dissimilar Joints of Aluminium Alloys S Rajesh Kannan, J LakshmiPathy, M Vignesh Kumar, K Manisekar, ... Applied Mechanics and Materials 867, 112-118	2017

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9.	Effect of Reinforcement and Tribological Behaviour of AA 7068 Hybrid Composites Manufactured through Powder Metallurgy Techniques J Lakshmiathy, S Rajesh Kannan, K Manisekar, S Vinoth Kumar Applied Mechanics and Materials 867, 19-28	2017
10.	Effect of Extrusion on the Microstructure and Tribological Behavior of Copper–Tin Composites Containing MoS <sub>2</sub> P Senthil Kumar, K Manisekar, SC Vettivel Tribology Transactions 59 (6), 1016-1030	2016
11.	Axial crush behaviours and energy absorption characteristics of aluminium and E-glass/epoxy over-wrapped aluminium conical frusta under low velocity impact loading M Kathiresan, K Manisekar Composite Structures 136, 86-100	2016
12.	Experimental and statistical analysis on mechanical properties of nano flyash impregnated GFRP composites using central composite design method RS Raja, K Manisekar Materials & Design 89, 884-892	2016
13.	Studies on crashworthiness characteristics of thin walled conical frusta under axial loading K Manisekar Chennai	2016
14.	The effect of manufacturing tolerances on the load carrying capacity of large diameter bearings MS Starvin Sadhana 40 (6), 1899-1911	2015
15.	Experimental study of thermal contact resistance in hardened bearing surfaces S Babu, K Manisekar, APS Kumar, D Rajenthirakumar Experimental Heat Transfer 28 (2), 189-203	2015

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16.	A new stable numerical method to find the change in angle of contact in angular contact ball bearing subject to thrust load MS Starvin, K Manisekar, AS Christopher, K Selvakumar Journal of the Balkan Tribological Association 21 (2), 339-350	2015
17.	Mechanical Properties and Micro-Macro Structural Characteristics of Friction Welded Similar Joints of Aluminum Alloys S Bharathi, K Manisekar International Journal of Applied Engineering Research [e-journal] 10 (19) ...	2015
18.	Static and Localized Strain Analysis of High Hardened Linear Model Mock-Up Bearing for Fast Breeder Reactor S Babu, K Manisekar Materials Science Forum 830, 223-226	2015
19.	Effect of composition on friction co efficient of copper based cu-sn-mos2 composites PS Kumar, K Manisekar International Journal of Engineering-Transactions A: Basics 28 (1), 115-120	2014
20.	Experimental and prediction of abrasive wear behavior of sintered Cu-SiC composites containing graphite by using artificial neural networks P Senthil Kumar, K Manisekar, R Narayanasamy Tribology Transactions 57 (3), 455-471	2014
21.	Study on mechanical properties of fly ash impregnated glass fiber reinforced polymer composites using mixture design analysis RS Raja, K Manisekar, V Manikandan Materials & Design 55, 499-508	2014
22.	Crashworthiness analysis of glass fibre/epoxy laminated thin walled composite conical frusta under axial compression M Kathiresan, K Manisekar, V Manikandan Composite Structures 108, 584-599	2014

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23.	<p>DRY SLIDING WEAR PERFORMANCE OF Cu-Sn COMPOSITES CONTAINING MoS<sub>2</sub> USING THE TAGUCHI TECHNIQUES</p> <p>PS Kumar, K Manisekar, M Poovaragan, R Narayanasamy</p> <p>JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION 20 (2), 271-290</p>	2014
24.	<p>Prediction of effect of MoS<sub>2</sub> content on wear behavior of sintered Cu-Sn composite using Taguchi analysis and artificial neural network</p> <p>PS Kumar, K Manisekar</p> <p>NISCAIR-CSIR, India</p>	2014
25.	<p>Experimental study of heat distribution in polished bearing surfaces for design and development of large diameter slewing ring bearing for FBR</p> <p>S Babu, K Manisekar</p> <p>Procedia Engineering 86, 350-358</p>	2014