

Dr. Mahalingam College of Engineering and Technology (Autonomous)

Academic Year 2018-Till Date

S.No.	Author's Name	Journal Title	Journal Name	Volume No. and Page No.	Year	Impact Factor
1.	B Shreeram, I Rajendran, ER Kumar	Tailoring of Functionally Graded Mullite: La ₂ O ₃ Coatings by Transferred Arc Plasma for Thermal Barrier Coatings	Journal of Inorganic and Organometallic Polymers and Materials	28 (6), 2484-2493	2018	1.754
2.	B Shreeram, I Rajendran	Corrosion, adhesion and erosion study of MZ and ML system using thermal plasma	International Journal of Heavy Vehicle Systems	25 (3/4), 406-418	2018	0.6
3.	R Thirumurugan, N Gnanasekar	Investigation of the effect of load distribution along the face width and load sharing between the pairs in contact on the fracture parameters of the spur gear tooth with root	Engineering Failure Analysis	97, 518-533	2019	2.157
4.	S. Sivaraj, R. Venkatesan, S. Balamurugan, R. Gnanaguru	Experimental Investigations of The Chatter Stability In Boring Operations With Semi-Active Magnetorheological Fluid Damper	Journal of the Chinese Society of Mechanical Engineers	39, 284-292	2018	0.3
5.	T.Ramkumar, M. Selvakumar, M. Mohanraj, P. Chandrasekhar	Experimental investigation and analysis of drilling parameters of metal matrix (Ti/TiB) composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering	41(8), 2-12	2019	1.627
6.	T.Ramkumar, M. Selvakumar, P. Narayanasamy	Effect of B ₄ C in Ti-6Al-4V matrix on workability behavior of powder metallurgy composites during cold upsetting	International Journal of Materials Research	109(12), 1146-1152	2018	0.748
7.	K. Hariharan , Arumaikkannu G	Electron Beam Deposition of	Functionalized Engineering	1, 221-232	2018	-

		Hydroxyapatite coating on Polyamide substrate for biomedical application	Materials and Their Applications			
8.	T. Ramkumar, S Madhusudhanan, I Rajendran	Effect of Nickel on the Microstructure, Mechanical and Tribological Properties of Austempered Ductile Cast Iron for Steering Knuckle Applications	Archives of metallurgy and materials	Accepted	2019	0.517