

Dr.P.Prathap (PAST 5 YEAR PUBLICATION)

Sl.No	Title of the Paper	Vol / No. / Page No.	Name of the Journal	Year
1.	Optimization of Reaming Parameters to Improve Surface Roughness of En1A Lead Material with the Approach of Particle Swarm Optimization	Published Online	Materials Today-Proceedings	2020
2.	Studies on mechanical properties of aluminum based hybrid metal matrix composites	Vol.33, no. 1, pp. 1144-1148	Materials Today-Proceedings	2020
3.	Influence of fused deposition modeling process parameters on the mechanical properties of PETG parts	Vol.27, no. 2, pp. 1877-1883	Materials Today-Proceedings	2020
4.	Evaluation of Tensile and Flexural Properties of Foundry Slag Reinforced Particulate Polymer Composite	Vol.33, no. 1, pp.214-216	Materials Today-Proceedings	2020
5.	Implementation of lean manufacturing in electronics industry	Vol. 33, no.1, pp. 23-28	Materials Today-Proceedings	2020
6.	Environmental impact reduction in a pump sub assembly using alternate material	Vol.22,no. 3, pp. 806-810	Materials Today: Proceedings	2020
7.	A Research on Effect of Infill Pattern, Infill Density and Layer Thickness for Fused Deposition Modelling to Enhance the Tensile strength of ABS Parts	Vol.81,no.1,pp.4 708- 4715	Test Engineering and Management	2019
8.	Fire safety in textile industries-A Review	Vol. 70, no. 6, ,pp.01-04	Industria Textila	2019
9.	Performance Analysis of Abrasive Water Jet Cutting Process in Carbon Fiber Epoxy Polymer Composite	Vol. 574, no. 1, ,pp.01-07	IOP Conference Series: Materials Science and Engineering	2019
10.	Noval Approach of Implementing Effortless Maneuverability in Vehicle for Physically Challenged	Vol. 10,no.5,pp. 313 - 317	International Journal of Vehicle structures and systems.	2018
11.	Enhancement of ABS-Ni Coated Composite Using Fused Deposition Modeling Method for Functional Application	Vol. 04, no. 5, pp. 3003 – 3011	International Journal of Printing, Packaging & Allied Sciences (Annexure I)	2016

12.	Environmental Impact Reduction by Incorporating Performance Oriented Life Cycle Analysis	Vol. 42, no. 1, pp. 113 – 122	Environment Protection Engineering (Annexure I)	2016
13.	Behaviour of hybrid polymer composite reinforced with superelastic shape memory alloy and Kevlar	Vol. 11, no. 12, pp. 7917 – 7920	ARPJ Journal of Engineering and Applied Sciences (Annexure II)	2016