

MOHAMED SATHAK A J COLLEGE OF ENGINEERING

Department of Mechanical Engineering

Faculty Publication details (AY 2020-2021)

S.No	Name of the Authors	Title of the Paper/Book Chapter	Name of the Conference / Journal	ISSN / ISBN No	Is it SCI / JCR Journal
1	Mr.G.Ramesh	Calotropis gigantea Fiber Epoxy Composites Influence of Fiber Orientation on mechanical properties and Thermal behavior	Journal of Natural Fibers	ISSN:1544-0478	Scopus
2	Mr.S.Prasath	Multi response optimization of friction stir welding process parameter on dissimilar magnesium alloys aAZ 31 and ZM 21 using Taguchi-Based grey relation analysis	La Metallurgical Italiana	ISSN:0026-0843	Scopus
3	Mr.G.Ramesh	Study on influence of fiber length and fiber weight proportion in mechanical behaviour of calotropis gigantea fiber-epoxy composites	Polymer composities	ISSN:1548-0569	SCI
4	Mr.Saravanan M P	Sliding wear behaviour of AlTiN PVD Coating on Titanium alloy for Orthopedic Application	International Journal of Mechanical and Production Engineering Research and Development	ISSN:2249-8001	Scopus
5	Dr.R.Senthil Kumar	Multi response optimization of inconel 825 process parameters using LN2 cooled zinc-coated brass wire in CNC wire cut EDM	International Journal of Mechanical and Production Engineering Research and Development	ISSN:875-896	Scopus
6	Dr.Janarthanan	Modeling and simulation of an automotive drivetrain	International Journal of Scientific Research in Engineering and Management	ISSN:133-3490	Scopus
7	Mr.G.Ramesh	Problem selection methodology for automobiles components manufacturing industry by using HML & Ranking method	Alochana Chakra journal	ISSN:2231-3990	Scopus
8	Dr.R.Senthil Kumar	Problem selection methodology for automobiles components manufacturing industry by using HML & Ranking method	Alochana Chakra journal	ISSN:2231-3990	Scopus
9	Mr.S.Deepak Kumar	Problem selection methodology for automobiles components manufacturing industry by using HML & Ranking method	Alochana Chakra journal	ISSN:2231-3990	Scopus
10	Mr.Muhammed Irfan A A	Evaluation of performance emission characteristics on diesel engine fueled by diesel algae biodiesel blend with ignition enhancng additives	Advances in IC Engines and Combustion Technology	ISSN:978-981	Scopus
11	Dr.Senthil Kumar R	The effects of TiB2 on mechanical and microstructural properties of AZ91 matrix composities manufactured by cold chamber die casting process	SAE International	ISSN-1946-3936	
12	A. A. Muhammad Irfan	Evaluation of Microalgae Biodiesel Blend Along with DTBP as an Ignition Enhancer on Diesel Engine Attributes	Springer Nature		