

Publication Details (Scopus Indexed Journals)

Academic Year	Name of the Faculty	Title of the Paper
2015-2016	Dr.N.Natarajan	Study of Cutting forces in Machining of Magnesium Composite by Response surface methodology
	Dr.N.Natarajan	Experimental Investigation on the Effect of Pressure on Microstructure and Mechanical Properties of Squeeze Cast Rectangular Plate of LM6 Aluminium Alloy
	Dr.S.Sundararaj	A theoretical Analysis of the Updraft Gasifier for biomass feed.
	Dr.S.Sundararaj	Design And Analysis of HAWT blade from PVC PIPE Segment
	Dr.S.Sundararaj	Study on automated guided vehicles and safety practices
	Dr.S.Sundararaj	An investigation report on ejector refrigeration system
	Dr.S.Sundararaj	An approach on productivity improvement in flat coiled plate unwinding Machine
	Dr.N.Gunesekar	Artificial neural network modelling of a Photovoltaic thermal evaporator of solar assisted heat pump
	Dr.N.Gunesekar	Comparison of energy performance of heat pump using a photovoltaic thermal evaporator with circular and triangular tube configurations.
	Mr.C.Boopathi	Parametric analysis of mechanical properties of bagasse fiber-reinforced vinyl ester composites
2016-2017	Dr.A.Ramesh Mr.N.Mohanraj	An investigation of material removal rate and surface roughness of squeeze casted A413 alloy on WEDM by multi response optimization using RSM.
	Dr.N.Natarajan	Experimental Investigation and Optimization of Dry Sliding Wear Parameters on Solid Lubricant Reinforced Bronze Matrix Composites-A Taguchi Approach.
	Dr.S.Sundararaj	The Effect of Refrigerant Pairs on Performance of Multi-Cycle Vapour Compression System
	Mr.T.Pridhar Mr.C.Boopathi	The Effect Of Particle Hybridization On Micro Structure Analysis And Mechanical Behavior Of Metal Matrix Composites: An Experimental Approach
	Mr.N.MohanRaj	Investigations On The Parametric Effects Of Ultrasonic Welded Process On Metallographical Aspects Of Al-Al Alloys Dissimilar Joints
	Mr. Sathish Sharma G	Enhancement of Performance of Photo Voltaic Cell Using Methanol
2017-2018	Dr. A. Ramesh	Investigation of mechanical properties and dry sliding wear behaviour of squeeze cast LM6 aluminium alloy reinforced with copper coated short steel fibers.
	Dr. A. Ramesh	Dry sliding wear characterization of squeeze cast LM13 / FeCu composite using response surface methodology

Dr. A. Ramesh	Investigation on mechanical properties of squeeze cast LM6 aluminium alloy reinforced with zinc coated steel wire mesh
Dr. A. Ramesh	Effect of copper coating and reinforcement orientation on mechanical properties of LM6 aluminium alloy composites reinforced with steel mesh by squeeze casting
Mr.T.Pridhar	Characterization and optimization of Abrasive Water Jet Machining parameters of aluminium/tungsten carbide composites
Mr.R.Dhivagar Dr.S.Sundararaj	A review on methods of productivity improvement in solar desalination
Mr.R.Manivannan	Participatory ergonomics in Product Development for improving Assembly work in compressor industry
Mr.B.Suresh babu Mr.C.Boopathi Mr.T.Pridhar Dr.R.Srinivasan	Production and characterization of mechanical and microstructural behaviour of friction stir welded Al6063 composites reinforced with Gr/B ₄ C/Sic particles (Accepted for publication)

Total number of journal published (2015-2016) = **10**

Total number of journal published (2016-2017) = **06**

Total number of journal published (2017-2018) = **08**

