

Journal Publications

Name of the Faculty	Title of the Article
Dr.K.S.Amirthagadeswaran	Experimental study on mag welded E350 HSLA Steel joints
	Study of Ultimate Tensile Strength and Wear Rate of Squeeze Cast Al-Si-Cu Alloy with DOM and TOPSIS
	Variations in the properties of copper-alumina nanocomposites synthesized by mechanical alloying
	Study of machinability and parametric optimization of end milling of aluminum hybrid composites using multi-
	Corrsion and wear behaviour of nano Al ₂ O ₃ reinforced copper metal matrix composites synthesized by high energy
	Taguchi-grey relation based multi response optimization of diesel engine operating parameters with water-in-diesel
	Emission characteristics of water-emulsified diesel fuel at optimized engine operation condition
	Combustion of stable water-in-diesel emulsion fuel and performance assessment
	Development and validation of a leak before break criterion for cylindrical pressure vessels
Dr.C.Saravana Murthi	Experimental Investigation of machinability characteristics and multi response optimization of end milling in aluminium composites using RSM based grey relational analysis
	Optimizing the Mechanical and Microsturcture Charcteristics of stir casting and Hot- Pressed AA 7075/ZnO/ZrO ₂ Composites
	Investigation of Mechanical behaviour and Microstructure Analysis of AA7075/SiC/B ₄ C- Based Aluminium Hybrid Composites
	Experimental Investigation and Optimizing the Predict of GTAW Process Parameter on Al5052
	Effect of WC addition on the corrosion behavior of powder metallurgy Cu-10SiC in a 3.5 wt% NaCl solution
	Optimization of machining parameters in write EDM of OFHC copper using Taguchi analysis
	A Novel and Effective method for Automatic Paper Trimming and Cutting process in paper industries
Optimization of high-speed CNC Face milling of inconel 825 alloy, using Box-Behnken based response surface	
Dr.K.Chinnarasu	Characterization, mechanical and wear properties of Al6061/Sicp/fly ashp composites by stir casting technique
	Performance Evolution of Walnut Shell Particle Filled Glass Fiber Reinforced Composites
	Influence of end milling process parameters on micro hardness of LM25 aluminium alloy
	Analysis of Varying Geometri Structures of Fins using Radiators
	Investigation on tribological properties of heat treatable aluminium-based alloys
Design and fabrication of coposite Bumper for Light passenger vehicles	

Dr.P.Sathishkumar	Investigation of Physical and Mechanical Behaviour of A356-x wt. % SiC/Gr Hybrid composites
	Dry sliding wear and frictional behaviour of A356-X WT% SIC/GR Hybrid Composites produced by stir-cum-squeeze casting method
	Design and Fabrication of Mini Dirt Bike
	The compressive properties of AZ92A magnesium ally containing titanium were studied by varying the hot-pressing and annealing temperature ranges
	Investigation on mechanical properties of bamboo and coconut fiber with epoxy hybrid polymer composite
	Review on expert systems for casting defects analysis, diagnosis and preventions
	Design and material analysis of belt shifter assembly for enhancing the belt life with legato movement of over head travelling cleaner
	Present approaches for analysis of casting defects.
Mr.S.R.Kasthuri Raj	Selection of Office Bearers for a student chapter using Analytic Hierarchy Process: A Case Study
	Influence of Mg content on the Metallurgical, hardness and Tensile behaviour of Zn-Al-Si-Mg Alloy in the As-Cast Condition
	Lingo based revenue maximization using aggregate planning
	Dissimilar friction stir welding between AA7075 and AA8011 aluminium alloy using CNC
	Effect of variation in Al/Si content on Mechanical properties of Zn-Al-Si alloys.
Mr.M.Santhosh Kumar	Real Time classroom automation and attendance using ultrasonic sensors & image processing
Mr.R.Sunil Kumar	Performance,emissions and combustion in Turbocharged diesel engines The effect of rapseed oil bidiesel-diesel
Dr.N.Nirmal	Radiographic Analysis with parametric optimization for minimizing defects in metal inert gas welding using