

ACADEMIC YEAR 2018-2019			
S.no	Faculty name	Journal Title	Publisher Name
1	V.Vijayan	Pressure Vessel Design using PV-ELITE Software with Manual Calculations and Validation by FEM	Journal of Engineering Technology
2	V.Vijayan	Optimization of CO2 laser cutting parameters on austenite stainless steel using grey relational analysis	International Journal of Mechanical Engineering and Technology
3	V.Vijayan	Synthesis of Sio2 Nano Particles by using Sol-Gel Route	International Journal of Mechanical Engineering and Technology
4	V.Vijayan	Heat transfer enhancement in mini Compact heat exchanger by using Alumina nanofluid	International Journal of Mechanical Engineering and Technology
5	V.Vijayan	Comparison of different tool path in Pocket Milling	International Journal of Mechanical Engineering and Technology
6	V.Vijayan	Analysis of Wear Behaviour of Aluminium Composites with Silicon Carbide and Titanium Reinforcement	International Journal of Mechanical Engineering and Technology
7	V.Vijayan	Effect of Al2O3, Aluminium Alloy and Fly Ash for Making Engine Component	International Journal of Mechanical Engineering and Technology
8	V.Vijayan	Performance Analysis in End Milling Operation	International Journal of Mechanical Engineering and Technology
9	V.Vijayan	Performance Analysis of Surface Roughness modeling using Soft Computing Approaches	Applied Mathematics and information Science
10	V.Vijayan	Computational Analysis and Optimization of Spiral Plate Heat Exchanger	Journal of applied Fluid Mechanics
11	V.Vijayan	Potential Flow Simulation through Lagrangian Interpolation Meshless Method Coding	Journal of applied Fluid Mechanics
12	V.Vijayan	Effect of reinforced aluminum alloy LM30 with pure ceramic particles to evaluate hardness and wear properties	Materials Research Innovations
13	V.Vijayan	Optimization of Co2 Laser Cutting Parameter on Motor Cycle Frame Materials	International Journal of Recent Technology and Engineering
14	V.Vijayan	Environmatel effect of CI engines using microalgae biofuel with nano additivies	part-A Recovery , utilization, and Envionmental Effects.
15	V.Vijayan	Effect of reinforcement aluminium alloy LM30 with pure ceramic particles to evaluvate hardness and wear properties	matrial reserch inovation
16	S.Saravanan	Wire electrical discharge machining of AA6063- TiC particle reinforced metal matrix composites using Taguchi method	Materials Research Express

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17	S.Saravanan	Optimization of wear parameters and their relative effects on stir cast AA6063-Si3N4 Composite	Materials Research Express
18	S.Saravanan	Spherical activated-carbon nanoparticles derived from biomass green tea wastes for anode material of lithium-ion battery	Materials Letters
19	S.Saravanan	Optimization of process parameters of electrochemical machining of TiC-reinforced AA6063 composites	Advances in Manufacturing Technology, Lecture Notes in Mechanical Engineering
20	G.Navaneethakrishnan	Photocatalytic degradation of organic contaminants by g-C3N4/ EPDM nanocomposite film: viable, efficient and facile recoverable	Material Science & Engineering: C
21	G.Navaneethakrishnan	EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF HYBRID COMPOSITE MATERIAL	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)
22	G.Navaneethakrishnan	EXPERIMENTAL ANALYSIS OF GLASS FIBRE - SISAL REINFORCED COMPOSITE MATERIAL	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)
23	G.Navaneethakrishnan	AN EXPERIMENTAL INVESTIGATION ON REINFORCED BRICK CONCRETE SLAB	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)
24	G.Navaneethakrishnan	AN EXPERIMENTAL INVESTIGATION OF PLASTIC IMPREGNATED AT THE BASE COURSE IN ROAD CONSTRUCTION	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)
25	G.Navaneethakrishnan	influence of boron nitride on morphological, mechanical, thermal and wear characteristics of epoxy nanocomposites.	materials innovation results
26	Parameswaran P	EXPERIMENTAL STUDY ON MECHANICAL AND CORROSION CHARACTERISTICS OF NAB ALLOY WITH THE ADDITION OF CHROMIUM	Materials Today: Proceedings
27	S.Dinesh	Analysis and optimization of machining parameters in through feed centerless grinding of high carbon steel	International Journal of Mechanical Engineering and Technology
28	P.Lakshmanan	Analysis of Varying Geometrical Structures of Fins using Radiators	Journal of Applied Fluid Mechanics
29	G.Arunkumar	Experimental Heat Transfer Analysis on Heat Pipe using SiO ₂ and TiO ₂ Nano Fluid	Journal of Applied Fluid Mechanics (JAFM)
30	N.Parkunam	Experimental analysis on passive cooling of flat photovoltaic panel with heat sink and wick structure	Energy source, Part A: Recovery, Utilization, and Environmental Effects
31	A.Godwin Antony	Investigation of Performance and Emission Characteristics of Diesel Blends with Pine Oil	Journal of Applied Fluid Mechanics,
32	S.Dinesh	Taguchi's methodology of optimizing turning parameters over chip thickness ratio in machining P/M AMMC	SN applied sciences