

### Journal Publication Details 18-19

S. No	Name of the faculty	Title of the paper	Journal name	Volume/ issue / pp no	Year of publication
1.	Arun.B	A Study On Corrosion Behaviour Of Aluminium 6061 Alloy By Friction Stir Welding	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124	2018
2.	V.Nirmal kannan S.Ram prasad	Design Of Leak Proof Coupler Valve For Fuel Supply In Engine Test Rig	Journal of Applied Science and Computations (JASC)	Serial No. 41238 ISSN: 1076-5131	2018
3.	Nirmal Kannan.V R.Balamurugan	Design And Numerical Analysis Of Innovative Plowing Machine	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124	2018
4.	T.S Kiruba Shankar V Nirmal Kannan	Design and fabrication of Stereo braking system	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124	2018
5.	S. VinothKumar G. Vijayanand	Microcontroller Based Mini Fire Fight Robot	Journal of Applied Science and Computations (JASC)	Serial No. 41238 ISSN: 1076-5131 JOURNAL ID: 50E4CF07B9886 F83	2018
6.	Yogaraj N Uthayakumar A	Evaluation Of Eutectic Phase Change Materials (PCM's) For Building Free Cooling	Journal of Applied Science and Computations (JASC)	JOURNAL Serial No. 41238 ISSN: 1076-5131 50E4CF07B9886 F83	2018
7.	Dr.G.Satish Pandian V.Nirmal Kannan P.K Manikanda Prabu	Solar Air Heater Studies in Dryer Applications	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124 JOURNAL ID : 70E4CF07B9264 F87	2018
8.	Mr.S.Pragash Dhanabal	Effect of Physco-Chemical Properties of Nanotube Blended In Biofuel	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124 JOURNAL ID : 70E4CF07B9264 F87	2018
9.	V.Ragavan M.Sangeetha	Process Improvement On Engine Test Bed By Using Drive Adaptor Plate Fixture	Journal of Applied Science and Computations (JASC)	Serial No. 41238 ISSN: 1076-5131 JOURNAL ID : 50E4CF07B9886 F83	2018
10.	N. Kapildev P.Raju V.Nirmal Kannan	Lean Production Enhancement Using Segregated Sub-	Journal of Applied Science and Computations	Serial No. 41238 ISSN: 1076-5131 JOURNAL ID : 50E4CF07B9886	2018

		Assembly Conveyor System	(JASC)	F83	
11.	K.Ramachandran V.Nirmal Kannan	Automation Of Manual Work Piece Replacement In Cnc Machine Using Robot	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124 JOURNAL ID : 70E4CF07B9264 F87	2018
12.	P.Raju Vijay Anand	Influence Of Ageing Behavior On Hardness Of Squeeze Cast Al 7075 - 2.5% Ticp Using Response Surface Methodology	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124 JOURNAL ID : 70E4CF07B9264 F87	2018
13.	P.K. Manikanda Prabhu G.R. Gopinath	Performance Evaluation of Solar Air Heater	Journal of Applied Science and Computations (JASC)	Serial No. 41238 ISSN: 1076-5131	2018
14.	T.S.Kiruba Sankar V.Nirmal Kannan	Design And Fabrication Of Windmill By Using Mercury And Water	Journal of Applied Science and Computations (JASC)	Serial No. 41238 ISSN: 1076-5131	2018
15.	M.Muhamed Abdul Hafeez V.Nirmal Kannan	Design Of Innovative Waste Plastics Disposal Machine	International Journal of Research (ijr)	Serial No. 63072 ISSN: 2236-6124 JOURNAL ID : 70E4CF07B9264 F87	2018
16.	Dr.P.Ganeshan	An Investigation of Mechanical Properties of Modal fiber reinforce composites for various fiber length and fiber content	IOP Science Publication	-	2018
17.	Dr.R.Parthasarathy	Investigation of engine performance using Diesel –biodiesel blends	International Journal of Research (ijr)	-	2018
18.	G.Vijayanand	Influence of Ageing behavior on Hardness of squeeze cast Aluminum	International Journal of Research (ijr)	-	2018
19.	Dr.M.Mohamed Abdul Hafeez	Optimization of Machining Parameters for Burr minimization in CNC turning of Materials using Surface Methodology	ICITMSE	-	2018

**Journal Publication Details 17-18 and 16-17**

<b>S. No</b>	<b>Name of the faculty</b>	<b>Title of the paper</b>	<b>Journal name</b>	<b>Volume/ issue / pp no</b>	<b>Year of publication</b>
20.	Dr.M.Mohamed Abdul Hafeez	Optimization of Machining Parameters for Burr minimization in CNC turning of Materials using Genetic Algorithm and Response Surface Methodology	1st International Conference on Innovations in Thermal, Manufacturing, Structural and Environmental Engineering	-	To be published in Annexure I Anna University 2018
21.	Dr.G.Satish Pandian	Compressed Air powered Internal Combustion Engine	ICEMRE-2018,Conference Proceedings	Conference Proceedings	2018
22.	Dr.R.Parthasarathi	FEA models of 3D printing process for fabricating a mini robot	International Journal of Scientific Research	Vol. 17(2) 135-140,2017	2018
23.	Dr.R.Parthasarathi	Design and Numerical Analysis in impeller cover planes by using special fixture	ICCET 2018 Padmavathy Engineering College	Vol 119 No 12 16727-16736	2018
24.	A.Sivasubramanian	Study on Fatigue life of A17075-7651 coated with oil	ICDAMS 2018	-	2018
25.	A.Sivasubramanian	Design of Vehicle for Physically Challenged using alternate energy	Journal of Material Engineering	-	2018
26.	Dr.P.Ganeshan	Optimization and Biodiesel production from Prosopsis Juliflora oil with high free fatty acids	Journal of Applied Fluid Mechanics Annexure-I	JAFM Vol 11,No1 DP 237-270,Jan 2018 ISSN 1735-3572	2018
27.	Dr.V.Nirmal Kannan	FEA models of 3D printing process for fabricating a mini robot	International Journal of Scientific Research	Vol. 17(2) 135-140,2017	2018
28.	P.Raju	Design and Analysis of Super sonic wing	International Journal of Advanced Resesarch in Management Architecture,Technology and Engineering	Vol 3	2017
29.	T.S.Kiruba Sankar	Productivity enhancement using automation of removing refractory lining hydraulic mechanism	ICCET	Issue 1 PP 301-308 Special issue ISSN 1943-023X	2018

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30.	Dr.G.Satish Pandian	Productivity enhancement using automation of removing refractory lining hydraulic mechanism	ICCET	Issue 1 PP 301-308 Special issue ISSN 1943-023X	2018
31.	B.Arun	Productivity enhancement using automation of removing refractory lining hydraulic mechanism	JARDCS	Vol.10, 01- Special issue	2018
32.	Dr.V.Nirmal Kannan	Productivity enhancement using automation of removing refractory lining hydraulic mechanism	ICCET	Vol.10, 01- Special issue	2018
33.	T.S.Kiruba Sankar	Compressed Air powered Internal Combustion Engine	ICEMRE-2018,Conference Proceedings	Conference Proceedings	2018
34.	M.Dhanabal	Compressed Air powered Internal Combustion Engine	ICEMRE-2018,Conference Proceedings	Conference Proceedings	2018
35.	P.Raju	Design and Numerical Analysis in impeller cover planes by using special fixture	IJPAM	Vol. 119 No.12	2018
36.	Dr.R.Parthasarathy	Experimental Investigation Of Performance Emission and combustion characteristics of a constant speed TVI kirloskar DI diesel engine using emulsified diesel fuel	International Journal of Advanced Engineering Technology	0976-3945	2016
37.	Dr.G.Satish Pandian	Land fill selection criteria in recycling sector using MCDM tools	Ecology , Environment and Conservation	Vol No 22/ Issuse No 04 2016 ISSn 0971-765x	2016
38.	Dr.G.Satish Pandian	Solid Waste Management Across the World-A Review	Ecology , Environment and Conservation	15.12.2016, Ref. No. EEC-2016-2443	2016
39.	Dr.G.Satish Pandian	Land fill selection criteria in recycling sector using AHP tools	Ecology , Environment and Conservation	ISSN 0971-765X	2016
40.	P.Raju	CFD Analysis And Optimization Of A Car	International Journal Of Modern	0973-4562/vol.5	2015

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		Spoiler	Engineering Research		
41.	C.V. Karthick Balamurugan	CFD Analysis And Optimization Of A Car Spoiler	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
42.	P.A. Nigal Ashik	CFD Analysis And Optimization Of A Car Spoiler	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
43.	T.Prem Anand	Wireless Power Transmission To UAV Using Laser Beaming	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
44.	R. Pandiarajan	Wireless Power Transmission To UAV Using Laser Beaming	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
45.	P.Raju	Wireless Power Transmission To UAV Using Laser Beaming	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
46.	N.Senthil Kumar	Numerical simulation of various flows over a square cavity	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
47.	M.Revathi	Numerical simulation of various flows over a square cavity	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
48.	P.Raju	Numerical simulation of various flows over a square cavity	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
49.	S.Bhagavathi shankar	Implementation of aerogel in two wheeler exhaust system	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
50.	T.S.Kirubashankar	Implementation of aerogel in two wheeler exhaust system	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
51.	V.Selvaraj	Implementation of aerogel in two wheeler exhaust system	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
52.	R.Silambarasan	Design and thermal analysis of a partial ceramic coated piston of SI engine	International advanced research journal in science, Engineering and technology	2393-8021/vol.2	2015
53.	S.Bala Krishnan	Design and thermal analysis of a partial ceramic coated piston of SI engine	International advanced research journal in science, Engineering and technology	2393-8021/vol.2	2015
54.	A.Selvarasu	Design and thermal analysis of a partial ceramic coated piston of SI engine	International advanced research journal in science, Engineering and technology	2393-8021/vol.2	2015
55.	S.Vinoth Kumar	The optimisation of	International Journal	0973-	2015

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		various cross section flow in numerical analysis of PEM fuel cells by using CFD	Of Modern Engineering Research	4562/vol.5	
56.	R.Dinesh Kumar	The optimisation of various cross section flow in numerical analysis of PEM fuel cells by using CFD	International Journal Of Modern Engineering Research	0973-4562/vol.5	2015
57.	C.Arun	The optimisation of various cross section flow in numerical analysis of PEM fuel cells by using CFD	International Journal Of Modern Engineering Research	0973-4562/ Vol.5	2015
58.	C.Ragunathan	Measurement techniques and instruments for measurement of dynamic characteristics of gear pump	Indian journal of sciene and technology	0974-6846/ Vol.8(14)	2015
59.	P.Raju	Simulation of script writing robot in RRL configuration (SCARA)	International journal of Engineering research and application	2248-9622/ Vol.4	2014
60.	Dr.R.Parthasarathi	Effects of ethanol diesel emulsion on the performance,combustion and emission characteristics of DI diesel engine	Asian journal	1546-9239	2014
61.	Dr.R.Parthasarathi	Experimental investigation on DI diesel engine fueled with diesel ethanol emulsion	Research journal of applied science , Engineering and Technology	2040-7459	2014
62.	M.Mohamed Abdul Hafeez	Investigation of machining parameters for BURR minimisation in CNC turning of brass using RSM and GA	Applied mechanics and materials	Vol.627	2014
63.	M.Mohamed Abdul Hafeez	Investigation of machining parameters in CNC turning of EN3 Low carbon steel using genetic algorithm and response surface methodology	Applied mechanics and materials	Vol.592-594	2014
64.	S.Vinoth Kumar	Thermal density factor analysis of proton exchange membrane by	International organisation of scientific research	2278-1684/Vol.11	2014

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		using CFD			
65.	Dr.S.Suyambazhahan	Computational study of flow maldistribution on the thermal hydraulic performance of an intermediate heat exchanger in LMFBR	Journal of Nuclear science and technology	Vol.51	2014
66.	M.Satheish Kumar	Design of S shaped inlet for aircraft engine and analysis	International journal of Engineering and research	2321-7758/Vol.2	2014
67.	C.Ragunathan	Analysis Mechanical behaviour of Hydro dynamic gear pump using Taughi and response surface method	International Journal Of Mechanical And Mechatronic Engineering	Vol.14	2014
68.	Dr.S.Suyambazhahan	Nano fluids for solar collector applications A Review	6th International Conference On Applied Energy	-	2014
69.	Dr.S.Suyambazhahan	Simulation studies of 0-3 piezoelectric polymer composite for ultrasonic transducer	National conference on materials for modern world	-	2014
70.	P.S.Gowthaman	Analysis Of Segmental And Helical Baffle In Shell And Tube Heat Exchanger	International Journal of current Engineering and Technology	2277-4106	2014