

SONA COLLEGE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

PUBLICATIONS 2014

S.No	Authors	Title of the Paper	Int Journal Name	Year	Publisher	DOI	ISSN No	Vol No	Iss No	P.No	IF	Citation
1	Suresh. P, Venkatesan. R	Optimization of Intervening Variables in MicroEDM of SS 316L using a Genetic Algorithm and Response-Surface Methodology	Strojniški vestnik- Journal of Mechanical Engineering	2014	University of Ljubljana Slovenia	10.5545/sv-jme.2014.1665	0039-2480	60	10	656-663	0.812	2
2	Dr R Venkatesan	Analytical, numerical and experimental approach for design and development of optimal die profile for the cold extrusion of B4C DRMM Al6061 composite billet into hexagonal section	Journal of mechanical science and technology (KSME)	2014	Springer	10.1007/s12206-014-1134-y	1738-494X, 1976-3824 (O)	28	12	5117-5127	0.838	2
3	R Venkatesan, C Venkatesan	Design and analysis of streamlined extrusion die for round to hexagon using area mapping technique, upper bound technique and finite element method	journal of mechanical science and technology	2014	Springer	10.1007/s12206-014-0136-0.	1738-494X, 1976-3825	28	5	1867-1874	0.5	4
4	P Suresh ,R Venkatesan	Study of Micro EDM parameters of Stainless Steel 316L: Material Removal Rate Optimization using Genetic Algorithm	International Journal of Engineering and Technology (IJET)	2014	Engg Journals Publications	-	0975-4024	-	-	1065-1071	0.36	-
5	Dr .D Senthilkumar	Emission reductions studies of a biodiesel engine using EGR and SCR for agriculture operations in developing countries	Applied energy	2014	Elsevier	10.1016/j.apenergy.2014.04.023	0306-2619	138	-	91-98	5.613	4
6	Dr.R.Mohan	Experimental Analysis of un uniform fin width heat sinks with base plate	Iranian Journal Of Science & Technology, Transactions Of Mechanical Engineering	2014	RS Publications	-	2228-6187	38	-	79 - 90	-	-
7	Dr. R. Mohan	Experimental Analysis of Parallel Plate Heat Sinks with Base Plate for Variable Fan Distance	Australian Journal of Basic and Applied Sciences	2014	AENSI Publications	-	1991-8178	8	17	466-475	3.54	-
8	Muralidharan.K , Senthilkumar.D	Impacts of Pongamia Bio fuel blends and thermal barrier coating in DI Diesel Engine for sustainable environment	Pensee journal	2014	Academic Publishing House Reser archer LLC is the publishing house	-	0031-4773	-	-	-	-	-
9	P. Thamilarasi	Modeling and Analysis of the Weld Bead Geometry in Robotic Gas Metal Arc Welding by Taguchi Technique	International Journal of Research in Mechanical Engineering (IJRME)	2014	IASTER Publisher	-	2347-8772	2	2	-	2.46	-
10	P. Thamilarasi	Optimization of Process Parameters of Robotic GMAW of IS 2062 E250 BR Using Taguchi Techniques	International Review of Mechanical Engineering (IREME)	2014	raise Worthy	-	1970-8734, 1970-8742	8	2	302-308	0.280, 0.630	1

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11	Aravindha Balaji S	Product and process improvement using simulation based value stream mapping an case study	International journal of innovative research in science, engineering and technology,	2014	Ess & Ess Research Publications	-	-8753,2347-	3	1	1186-1190	5.442	-
12	Aravindha Balaji S	Lead Time Reduction In Wind Mill Control Panel Assembly Line	International journal of innovative research in science, engineering and technology	2014	Ess & Ess Research Publications	-	-8753,2347-	3	2	1191-1199	5.442	-
13	M. Senthil Kumar	Fatigue Analysis of Coated I.C Engine Crankshaft	International Journal of Research in Aeronautical and Mechanical Engineering	2014	AIRCC Publishing Corporation	-	2321-3051	2	9	11-22	1.528	-
14	M. Suresh	A Study of Crankpin Failure in I.C. Engine	Mechanical Engineering,An International Journal	2014	AIRCC Publishing Corporation	-	2349-2651	1	3	1-12	-	-
15	M. Senthil Kumar	Analysis of Crankpin Failure in A Single Cylinder Engine	International Journal of Mechanical Engineering and Robotics Research	2014	Institute for Research and Development (IRD India)	http://airccse.com/meij/papers/1314meij01.pdf	2278-0149	3	4	260-267	-	-
16	P Thamilarsi	Development of empirical models for prediction of weld bead geometry in robotic -GMAW	Journal of achievements in materials and manufacturing engineering(IAMME)	2014	International OCSCO World Press	-	1734-8412	67	2	72-85	-	-
17	Dr S Mahalingam	Emission analysis of DI- diesel engine at different injection pressures using jatropa and rubber seed oil blended with diesel	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	2014	International Organization of scientific research(IOSR)	-	2278-1684, 2320-334X	-	-	78-80	1.753	-
18	Dr S Mahalingam	Effect of Injection Timing on Performance and Emission Analysis of Single Cylinder Diesel Engine Fuelled with Dual Bio-fuels	International Journal of Advanced Mechanical Engineering	2014	Research India Publications	-	2250-3234	4	5	487-496	-	-
19	Dr S Mahalingam	Influence of injection timing on emission analysis of a DI engine running on rubber seed and jatropa oil fuelled with diesel fuel	Indian Streams Research Journal	2014	Laxmi Book Publication	10.9780/22307850 http://isrj.org/CurrentIssue.aspx	2230-7850	4	2	1-5	1.215	-
20	Dr S Mahalingam	Environmentally efficient biodiesel blend of jatropa oil and rubber seed oil as an alternative fuel for a direct injection diesel engine for reducing engine emission	Pensee Journal	2014	Academic Publishing House Resercher LLC is the publishing house	-	0031-4773	76	2	290-297	-	-