



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University)
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DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PUBLICATION DETAILS

Journal Publication (2017-2018)

S. No	Name of the Author	Title of the paper	Name of the Journal	ISSN No	Web Link
1.	Dr. R. Subhaa	Service level-based production smoothening model for robust cellular manufacturing system	International Journal of Advanced Manufacturing Technology	2495-2504	https://doi.org/10.1007/s00170-017-0863-3
2.	Dr. M. Sabareeswaran	Comparison of evolutionary techniques for the optimization of machining fixture layout under dynamic conditions	Journal of Mechanical Engineering Science	2245–2259	https://journals.sagepub.com/doi/abs/10.1177/0954406217718219?journalCode=picb
3.	Dr. M. Saravanan	An innovative modular device and wireless control system enabling thermal and pressure sensors using FPGA on real-time fault diagnostics of steam turbine functional deterioration	Mechanical Systems and Signal Processing	ISSN: 0888-3270	https://www.sciencedirect.com/science/article/pii/S0888327017305162
4.	Dr. M. Saravanan	Solving Scheduling Problem using New Meta-heuristic approach	TAGA Journal of Graphic Technology	1748-0345	http://www.tagajournal.com/gallery/v14.198.pdf
5.	Dr. M. Saravanan	Improving automatic detection of defects in castings by applying damage estimation technique for die-casting analysis	TAGA Journal	1748-0346	http://tagajournal.com/gallery/v14.246.pdf
6.	Dr. M. Saravanan	Experimental investigation of friction stir blind riveting process for similar and dissimilar alloy sheets	Journal of Advanced Mechanical Design, Systems, and Manufacturing	1881-3054	https://www.jstage.jst.go.jp/article/jamdsm/12/1/12_2018jamdsm0028/article/-char/ja/
7.	Dr. M. Saravanan	Tool Path optimization by Genetic algorithm for Energy Efficient Machining	TAGA Journal	1748-0345	http://www.tagajournal.com/gallery/v14.152.pdf

8.	Dr. M. Saravanan	MOGWO Metaheuristic Method Used to Solve by Identical Parallel Machine Scheduling Problem With Different Objectives Compared With GA and VNS	TAGA Journal	1748-0345	http://www.tagajournal.com/gallery/v14.5/5.pdf
9.	Dr. M. Saravanan	Comparative study on spring back effect of sheet metal materials and minimizing the effect by optimizing the loading condition	TAGA Journal	1748-0346	http://www.tagajournal.com/gallery/v14.1/73.pdf
10.	Dr. M. Saravanan	Effect of Heat Input and Post-Weld Heat Treatment on the Mechanical and Metallurgical Characteristics of Laser-Welded Maraging Steel Joints	Surface Review and Letters	0218-625X	https://www.worldscientific.com/doi/abs/10.1142/S0218625X17501025
11.	Dr. M. Saravanan	Investigation Of Mechanical And Corrosion Properties Of Aa2024-B4c-Tic Hybrid Metal Matrix Composites	Surface Review and Letters	0218-625X	https://www.worldscientific.com/doi/abs/10.1142/S0218625X18501093
12.	Dr. M. Saravanan	Parameter selection in optimizing the CNC tool paths by genetic Algorithm	Advances in Natural and Applied Sciences	1687-8507	http://go.galegroup.com/ps/anonymou?id=GALE%7CA500499869&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=19950772&p=AONE&sw=w
13.	G. Vinoth Kumar	Experimental Investigation of Mechanical and Friction Behavior of Woven Roving Mat 600 and Alkali Resistant Glass Fiber Composite for Brake Lining Application	IJRMET	2249-5770	http://www.ijrmet.com/vol8issue2/2-g-vinothkumar.pdf
14.	M. Saravanan	Review-Methods and Measurements of Spring back Evaluation	International Journal of Mechanical Engineering and Technology	0976-6340	https://www.researchgate.net/publication/331158049_Article_ID_IJMET_09_05_119_Review-Methods_and_Measurements_of_Springback_Evaluation
15.	M. Saravanan	Study on Effects of Spring back on Sheet Metal Bending Using Simulation Methods	International Journal of Mechanical and Production	2249-6890	https://www.researchgate.net/publication/324130072_Study_on_Effects_of

			Engineering Research and Development		Spring Back on Sheet Metal Bending Using Simulation Methods
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