



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PUBLICATION DETAILS

### Journal Publication (2018-2019)

S. No	Name of the Author	Title of the paper	Name of the Journal	ISSN No	Web Link
1.	I. Vimal Kannan	Deformation and energy absorption analysis of simple and multi cell thin walled tubes under quasi static axial crushing	International Journal of crashworthiness	1358-8265	<a href="https://doi.org/10.1080/13588265.2018.1542956">https://doi.org/10.1080/13588265.2018.1542956</a>
2.	S. Srinivasan	Heat Exchanger Design modification for performance optimization using CFD tools	International journal of applied engineering research	0973-4562	<a href="https://www.ripublication.com/ijaer18/ijaerv13n18_45.pdf">https://www.ripublication.com/ijaer18/ijaerv13n18_45.pdf</a>
3.	G. Vinothkumar C. Vinothkumar V. Ramasamy	Experimental investigation of unidirectional natural fiber composites for ceiling fan blade application	Journal of engineering technologies and innovative research		
4.	R. Subhaa	An improved design for cellular manufacturing system associating scheduling decisions	Indian academy of sciences, Sadhana	0256-2499	<a href="https://www.ias.ac.in/article/fulltext/sadh/044/07/0155">https://www.ias.ac.in/article/fulltext/sadh/044/07/0155</a>
5.	M. Saravanan	Experimental Prediction and Investigation of Springback in U Bending Profile Process using RSM and ANOVA	International Journal of Mechanical and Production Engg Research & Development	2249-6890	<a href="https://www.researchgate.net/publication/335391953_EXPERIMENTAL_PREDICTION_AND_INVESTIGATION_OF_SPRINGBACK_IN_UBENDING_PROFILE_PROCESS_USING_RSM_AND_ANOVA">https://www.researchgate.net/publication/335391953_EXPERIMENTAL_PREDICTION_AND_INVESTIGATION_OF_SPRINGBACK_IN_UBENDING_PROFILE_PROCESS_USING_RSM_AND_ANOVA</a>

6.	M. Saravanan	Optimized sequencing of CNC milling tool path segments using metaheuristic algorithms	Journal of Mechanical Science and Technology	1738-494X	<a href="https://link.springer.com/article/10.1007/s12206-019-0134-3">https://link.springer.com/article/10.1007/s12206-019-0134-3</a>
7.	M. Saravanan	Optimisation of identical parallel machine scheduling problem	International Journal of Rapid Manufacturing	1757-8817	<a href="https://www.researchgate.net/publication/330062661_Optimisation_of_identical_parallel_machine_scheduling_problem">https://www.researchgate.net/publication/330062661_Optimisation_of_identical_parallel_machine_scheduling_problem</a>
8.	V. Ramasamy K.A.Sundararaman	Tribological Characteristics and Corrosion Analysis of Mg-SiC Composite using Stir Casting	Caribbean Journal of Science	0008-6452	<a href="https://www.researchgate.net/publication/351281994_Tribological_characteristics_and_Corrosion_analysis_of_MgSiC_composite_using_stir_casting">https://www.researchgate.net/publication/351281994_Tribological_characteristics_and_Corrosion_analysis_of_MgSiC_composite_using_stir_casting</a>
9.	V. Kandavel G. Sankaranarayanan, K.A. Sundararaman, R. Dhileepan kumarasamy	Optimization of Modelling of Dynamic Facility Location for Complexities and Simple Problems	International Journal of Mechanical Engineering, Vol.6	2348-8360	<a href="https://www.internationaljournalsrsg.org/IJME/2019/Volume6-Issue3/IJME-V6I3P102.pdf">https://www.internationaljournalsrsg.org/IJME/2019/Volume6-Issue3/IJME-V6I3P102.pdf</a>