

FACULTY PROFILE	
Name	: Dr. G.SARAVANAN
Designation	: Assistant Professor
Department	: Mechanical Engineering
Educational Qualification	: Ph.D.,(Composite Materials) M.E. (Computer Integrated Manufacturing) B.E., (Mechanical)
Subject of Interest	: Design of DC-DC Converters and Multilevel Inverters
Publications	: <p><u>International Journals</u></p> <ul style="list-style-type: none"> ➤ Saravanan, G, Shanmugasundaram, K & Prakash, M 2016, 'Influence of aging temperature on mechanical properties and thermal expansion of aluminium hybrid composite' has been accepted for the Inclusion into RevistaTecnica De La Facultad De Ingenieria Universidad Del Zulia (Technical Journal of The Faculty of Engineering), vol. 39, no 1, pp. 10-17, 2016has been indexed in Annexure I. Impact factor 0.033 ➤ Saravanan, G, Shanmugasundaram, K, Prakash, M & Velayutham, T, 'Physical Properties and Associated Tribological Performance of Stir Cast Graphite based Hybrid Al-SiCp Composites' has been accepted for the Inclusion into International Journal of Mechanical Scienceshas been indexed in Annexure I. Impact factor 3.622 ➤ Saravanan, G, Shanmugasundaram, K, Prakash, M & Velayutham, T, 'TribologicalBehaviour of Hybrid (Al356 + SiC + Gr) Metal Matrix Composites', has been accepted and published in the Journal' Applied Mechanics and Materials,vols. 766-767has been indexed in Annexure II. SNIP.0.178 ➤ Saravanan, G& Shanmugasundaram, K, 'Optimization of machining parameters in milling of hybrid aluminium metal matrix composite' has been published in IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X pp. 88-92. <p><u>INTERNATIONAL / NATIONAL CONFERENCES</u></p> <ul style="list-style-type: none"> ➤ Saravanan, G, ShanmugaSundaram K, Prakash, M, Natesan M, Karthikeyan, P, "The effect of age hardening in the tribologicalbehaviour of aluminium (LM 25) metal matrix composite reinforced with SiC and MOS2 in International



	<p>Conference on Materials, Design and Manufacturing Process (ICMDM 2016), Feb 17-19, 2016</p> <ul style="list-style-type: none"> ➤ Saravanan, G, ShanmugaSundaram, K, Velayutham, A, 'TribologicalBehaviour of Hybrid (Al356 + SiC + Gr) Metal Matrix Composites' has been published in International First International conference on Advanced in Materials and Manufacturing Engineering (ICAMME '14) December 19-20, 2014 ➤ Saravanan, G, Shanmuga Sundaram, K, Velayutham, A, 'Evaluation on Surface roughness of AL (LM 9)/SiC_p Subjected to Wire Electrical Discharge Turning Process' has been published in International conference on Advanced materials & Processing at RMK Engineering College, pp. 332-336 (ICAMP). ➤ Saravanan, G, Shanmuga Sundaram, K, & Velayutham, M, 'Parametric Optimization and Modeling of Micro-Wire Electro Discharge Machining of Inconel 718' has been published in International conference on Advanced materials & Processing at RMK Engineering College, pp. 326-331(ICAMP) ➤ Saravanan, G, Shanmugasundaram, K, Prakash, M & Natesan M, 'Microstructure and Mechanical Properties Investigation on Aluminium Hybrid Composite Before and After Aging', has been published in the Proceedings of National Conference on Design, Materials & Constructions (NCDMC'15), at Vel Tech Dr. RR & Dr. SR Technical University, Chennai, August 2015, pp 304-307 	
Patents	:	
Google Scholar Link	:	https://scholar.google.com/citations?user=kVW4RJEA-AAJ&hl=en
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