

**Dr. Mahalingam College of Engineering and Technology, Pollachi – 642 003
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Department of Mechanical Engineering**

PUBLICATIONS IN INTERNATIONAL JOURNALS

Publication type(Journal Article /Book/Book Chapter)		Author	Details of publications	Year of Publications
S.NO	Article	Name of the Authors	Full title of the article/Chapter/book	
1.	Article	Dr. V.Sivananth, Dr. S.Vijayarangan	Fatigue Life Analysis and Optimization OF Passenger Cars Steering Knuckle Under operating conditions.	2015
2.	Article	Dr. Rama Thirumurugan, R.Praveen	Dry Sliding Wear Characteristics Of Cryogenically Treated En 353 Gear Steel Using Taguchi Technique	2015
3.	Article	Dr.RamaThirumurugan, Yokeswaran.K	Crack Propagation Path Study Based on Load Sharing Behavior Spur Gear Drives	2014
4.	Article	C.Seva senthil Prabhu, M.Giridharadhalayan	Performance of fatigue strength and wear resistance of EN 19 material by shot peening treatment	2015
5.	Article	Dr.R.Ravindren	A Literature Survey On Machining With Different Types Of Materials By CNC Milling Machine	2015
6.	Article	Dr.R.Ravindren	Surface Roughness Prediction For CNC End Milling Process Using Genetic Algorithm.	2015

7.	Article	Dr. RamaThirumurugan	Contact stress analysis of normal contact ratio gears considering load sharing effect.	2015-
8.	Article	Dr. D.Shanmugam, Dr. RamaThirumurugan	Wear Behavior Of Palmyra Palm Leaf Stalk Fiber(PPLSF) Reinforced polyester Composites	2015
9.	Article	R.Bharathiraja, N.praveenkumar	Study On Characteristics Of CI Engine Using Nana Additive Blended Diesel-Fuel.	2015
10.	Article	Dr.RamaThirumurugan, S.Madhusudhanan	Finite Element Simulation Of Knuckle And Strut ARM column Assembly For Automotive Steering System.	2015

INTERNATIONAL CONFERENCES & NATIONAL CONFERENCES

Sl.No	Authors	Title of the paper	Name of the conference and places	Year
1	D. Shanmugam, Rama Thirumurugan, Mahesh Kumar	Tensile properties of PPLSF reinforced polymer composites	National conference of materials and mechanical engineering / Dr.Mahalingam College of Engineering and Technology, Pollachi	2015
2	D. Shanmugam, Rama Thirumurugan	Properties of PPLSF/ nano clay reinforced polymer composite materials	National conference of materials and mechanical engineering / Dr.Mahalingam College of Engineering and Technology, Pollachi	2015
3	M. Selvakumar, P. Chandrasekar, M. Mohanraj	Machining Studies of TiB composites using EDM	National conference of materials and mechanical engineering / Dr.Mahalingam College of Engineering and Technology, Pollachi	2015
4	D. Shanmugam, Rama Thirumurugan, M. Thiruchitrambalam	Studies on delimitation in drilling Natural fiber reinforced composites,	International conference on Natural polymers / MG University, Kottayam, Kerala.	2015
5	M.Selvakumar, P. Chandrasekar, M. Mohankumar	Estimation of Mechanical Properties of TiB composites through Nano-indentation techniques	International Conference on Advances in Design and manufacturing / NIT Trichy	2015
6	T.Vignesh Kumar	Performance simulation of a refrigerated display case with CO2 as a substitute for R134a, National Conference on Materials and Mechanical Engineering (NCMME 14),	National conference of materials and mechanical engineering / Dr.Mahalingam College of Engineering and Technology, Pollachi	2015
7	S.Madhusudhanan, I.Rajendran and K.Prabu	Static Analysis Of Automotive Steering Knuckle,	International Mechanical Engineering Congress (IMEC – 2014), / NIT Trichy	2015

8	Rama Thirumurugan and K. Yokeswaran	Crack propagation path study based on load sharing behaviour of spur gear drives,	Advances in Mechanical Engineering, Proceedings of the International Mechanical Engineering Congress / NIT Trichy	2015
9	Rama Thirumurugan and G Muthuveerappan	Study on mesh power losses in high contact ratio(HCR) gear drives,	1st International and 16th national conference on Machines and Mechanisms(iNaCoMM2013) / IIT Roorkee, India	2015
10	Rama Thirumurugan and Mathan Kumar	Finite element analysis on Load sharing and fillet stress in straight bevel gear drives,	International conference on Computer Aided Engineering(CAE2013) / IIT Madras, India	2015