

Dr. G.Elango

journals		conference		Books published	Popular article
National	International	National	International	-	-
-	09	09	02		

LIST OF PUBLICATIONS**International Journals**

1. Sliding wear of Lm25 aluminium alloy 7.5% sic+2.5% Tio2 and 25% sic +7.5% Tio2 hybrid composites.

"Journal of Composite Materials " Published online 29th July 2013

DOL:10:1177 /0021998313496592 Vol 48 issue 18th August 2014 impact 0.96.

2.Tribological behaviour of Hydrid (Lm25Al+sic+Tio2) metal matrix Composites.

ELSEVIER (Procedia Engineering 64(2013) 671-680 0.236

3.Experimental Analysis on wear behaviour of (Lm25Al+Equal Volume (Sic+Tio2) Hydrid metal matrix composites "Journal of Materials and technology" scheduled to be published in the issue 6/2014 impact – 0.574 Anex – 1 Thomson routor.

4.Effect of Cryogenic treatment on Micro structure and micro hardness of Lm25 alumin +sic metal matrix composite

" the Journal of Engineering research " Anexure –II acccepted on 16th march 2014, published on 08.05.2014.

TJER Vol –II, No.1,64-68 impact factor 0.23

5.Investigation on mechanical properties of Gr+Tio2 reinforced composite (IJIRT) international journal of Innovation research in technology, April 2019, Vol-5, Issue II/ ISSN 2349 -6002 P 1 –

6.Investigation on performance of pulsating heat pipe". Journal of thermal Engineering and technology, Vol - 4, issue -1, page 8-16, mantech publications 2019

DOI :http://doi.org/10.5281/Zenodo.2597255.

7."Research article Computational evaluation of blending ratio on the fluidised bed gasification system –CFD versus test" International Journal of Engineering & Techniques – Vol-3 – issue-6, Nov –Dec 2017, ISSN: 2395 -1305 – Page 244 -258.

8."Performance and Emission on nano Engine using LPG gas with additives" IJSART (ISSN :2395-1052, Vol 4,issue -3- march 2018.page 775-778.

9.Design on Automatic reverse braking System –IJARIIE –ISSN(0) -2395-4396- Vol-5, issue -1 - 2019.

National Conference

- 1.Elango. G, "Wear characteristics of Hybrid Aluminium Matrix Composites", National Conference on Computational Intelligence for Modeling and Optimization, 2012, pp. 13, C.K.College of Engineering and Technology, Cuddalore.
- 2.Elango.G, "Sic Nano Coating on Aluminium Alloy Formed by Electroless Deposition", National Conference on recent trends in manufacturing science(RTMS-13),Dhanalakshmi Srinivasan College of Engineering and Technology, Chennai.
- 3.Elango.G, "Ni-p and AlO_3 nano coating on aluminum alloy", National Conference on recent trends in manufacturing science(RTMS-13), Dhanalakshmi Srinivasan College of Engineering and Technology, Chennai.
- 4.Elango.G, "Modeling and Simulation in Manufacturing –MOSIM 2003", National Conference sponsored by the university grant commission, New Delhi, department of manufacturing engineering, Annamalai university.
- 5.Elango.G, "Challenges and Opportunities in Mechanical Engineering", National Conference organized by the department of mechanical engineering , Kongunadu College of Engineering and technology on 14th march 2013
6. Elango.G, "Tribological Properties of LM25 aluminium based hybrid metal matrix composite", National Conference on "Computational Intelligence for Modelling and Optimization" 2012, pp. 10, C.K.College of Engineering and Technology, Cuddalore
7. Elango. G, Raghunath. B.K, Venkatesan .R,"Wear Characteristics of Hybrid Aluminum Matrix Composite", National Conference on "Computational Intelligence for Modelling and Optimization" 2012, pp. 13, C.K.College of Engineering and Technology, Cuddalore
- 8.Elango.G, "Tribological Properties of Aluminium Based Silicon Carbide Coated Composite Materil ", National Conference on "Recent Innocvation in Mechanical Engineering RIME'13", C.K.College of Engineering and Technology, Cuddalore
9. Elango.G, "Wear Properties of Aluminium Based TiO_2 Coated Alloy Material ", National Conference on Emerging Trends in Mechanical Engineering"ETME'13, C.K.College of Engineering and Technology, Cuddalore.

International Conference

1. Presented a paper on "Tribological Properties of Aluminium based TiO_2 PVD Coated Alloy Material" in international conference on Advances in Mechanical and Energy Engineering at Dr.MGR University, Chennai on 5th April 2013.

2.
 - Presented a paper on “Tribological behavior of hybrid (LM25Al + SiC + TiO₂) metal Matrix composites” in international conference at IIITM, Kancheepuram on 20th July 2013.