

# Department of Automobile Engineering

## Journals

**Name: Dr. M H Annaiah**

1. “The effect of sliding speed on the dry sliding wear behaviour of Al-7.25Si-0.45Mg alloy”, published by Scientific and Engineering Research Corporation (SERC) International Journal of Mechanical and Automobile Engineering (IJMAE): ISSN 0974-231X, Vol. 08, Issue No: 03, Dec 2009-Feb 2010; pp [40-49].
2. The effect of heat treatment on the Dry Sliding Wear behaviour of A356.0 alloy”, published by Scientific and Engineering Research Corporation (SERC) International Journal of Mechanical and Automobile Engineering (IJMAE); ISSN 0974-231X, Vol. 09, Issue No: 01, March 2010 to May 2010 [Summer Edition 2010]; pp [21-30].
3. The effect of sliding velocity on the Dry Sliding wear behaviour of Al-7.25Si-0.45Mg alloy”, published by Research India Publications in International Journal of Material Science [IJoMS]: ISSN 0973-4589, Vol. 05, No. 6 (2010), pp [847-862].
4. Dry abrasive wear studies on Al-7.25Si-0.45Mg alloy”. Published by Research India publications (RIP) in International Journal of Material Science (IJoMS): ISSN 0973-4589, Volume 6, Number 1 (2011), pp (115-131).
5. The study of Mechanical properties and fatigue behaviour of Al-7.25Si-0.45Mg alloy”, published by Scientific and Engineering Research Corporation (SERC): International Journal of Mechanical and Automobile Engineering (IJMAE): ISSN 0974-231X: Sept 2010-Nov 2010, Winter edition: Vol.11, Issue No: 01: pp [41-49].
6. The effect of Age hardening temperature on the Dry Sliding Wear behaviour of A356.0 alloy”, published by Scientific and Engineering Research Corporation (SERC): International Journal of Mechanical and Automobile Engineering (IJMAE): ISSN 0974-231X: Mar 2011-May 2011: Special Edition Vol.14: Issue No: 01: pp [17-26].
7. Dry Sliding Wear Behaviour of A356.0 Alloys Reinforced with Silicon Carbide Particles Volume 4, Number 2 (2013), pp. 119-125
8. The Effect of Heat Treatment on the Dry Sliding Wear Behaviour of Grain Refined and Modified A356.0 Alloy Volume 4, Number 2 (2013), pp. 107-118
9. Effect of Quenching Media on the Dry Sliding Wear Behaviour of Combined Grain Refined and Modified A356.0 Alloy Volume 4, Number 2 (2013), pp. 127-139

10. The effect of heat treatment on the dry sliding wear behavior of hybrid composite of al-si-mg alloy Volume 4, Number 2 (2013), pp. 169-179
11. Mechanical properties and dry sliding wear Behavior of hybrid composite of A356.0 Volume 4, Number 2 (2013), pp. 157-168
12. Microstructure, Mechanical properties and Dry sliding Wear Behaviour of Al-Si-Mg alloy reinforced with Graphite Volume 2, Issue 4, April 2013
13. The Effect of Heat treatment on Microstructure, Mechanical properties and Damping behaviour of hybrid composite of A356.0 Volume 2, Issue 4, April 2013.
14. Mechanical properties and Dry sliding wear behavior of A2014 reinforced with Alumina Volume 2, Issue 4, April 2013.
15. The Effect of Heat Treatment on the Microstructure, Mechanical Properties and Dry Sliding Wear Behaviour of A356.O Reinforced With Graphite Volume 2, Issue 4, April 2013.
16. The Effect of Heat Treatment on Mechanical properties and Dry sliding wear behavior of A2014 reinforced with Alumina Volume 2, Issue 4, April 2013.
17. The effect of ceramic reinforcement on the Microstructure, Mechanical properties and Dry sliding wear behavior of hypo-eutectic Al-Si-Mg alloy Volume 2, Issue 4, April 2013.
18. The Effect of heat treatment on the Microstructure, Mechanical Properties and Dry Sliding Wear Behaviour of A356.0 Reinforced with Alumina Volume 2, Issue 4, April 2013
19. Dry sliding wear behavior of heat treated A2014 reinforced with Graphite Volume 2, Issue 5, May 2013.
20. Microstructure, Mechanical properties and Damping Behavior of hybrid composite of A356.0 Volume 2, Issue 4, April 2013.
21. Dry sliding wear behavior of heat treated A2014 reinforced with Graphite Volume 2, Issue 5, May 2013.
22. Dry sliding wear behavior of heat treated A2014 reinforced with Graphite Volume 2, Issue 6, May 2013.

23. The study of Microstructure, Mechanical properties and Effect of sliding velocity on the Dry sliding wear behavior of A356.0 reinforced with Alumina and Graphite ICRTIEM'13, Ranippettai Engineering College

**Name: Dr. Chandrappa C N**

1. Characterization and analysis of composite materials used for wing- Fuselage Lug attachment bracket of air craft, ICCE-21, 2014
2. Characterization Study of Functionally Graded Metal Ceramic Composites Fabricated by Layer Processing Technique, IssN: 2169-0022, 2013
3. Effect of Thermal treatment and rolling on mechanical properties and corrosion resistance of Aluminum-Hematite composite, 2013
4. Residual stress analysis of retrogression and reaged Aluminum Zinc Magnesium (7075) alloy, ICCE-18 anchorage, USA, 2011
5. Effect of retrogression and re-aging treatment on the mechanical property of Al-Mg-Zn (Al-7075) alloy, presented in ICCE-15 International Conference Held In Haikou, Hainan Island, CHINA, Volume 5, No.3 Page 499-500, 2008
6. Study on sliding wear characteristics of Al-Si-Mg alloys subjected to solution age hardening treatment, Published In Indian Foundry Journal Sep2007, Published In Indian Foundry Journal Sep2007.
7. Synthesis and characteristics of Aluminum, Copper, Alloy metal matrix, Composites using Al<sub>2</sub>O<sub>3</sub> and SiC as Reinforcement Materials, Volume 1, Issue 7, August-2014.
8. Synthesis and characterization of Carbon Epoxy Composite with and without filler materials, Volume 3, Issue 08, August-2014. ISSN: 2278-0181
9. Synthesis and characterization of Al-SiC functionally graded material composites using powder metallurgy techniques, Volume 3, Issue 08, August-2014
10. Study on sliding wear characteristics of Al-Si-Mg alloys subjected to solution agehardening treatment, Published In Indian Foundry Journal Sep2007.

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1. Mechanical properties and Dry sliding wear behavior of A2014 reinforced with Alumina Volume 2, Issue 4, April 2013.
2. The Effect of Heat Treatment on the Microstructure, Mechanical Properties and Dry Sliding Wear Behaviour of A356.O Reinforced With Graphite Volume 2, Issue 4, April 2013.
3. The Effect of Heat Treatment on Mechanical properties and Dry sliding wear behavior of A2014 reinforced with Alumina Volume 2, Issue 4, April 2013.
4. The effect of ceramic reinforcement on the Microstructure, Mechanical properties and Dry sliding wear behavior of hypo-eutectic Al-Si-Mg alloy Volume 2, Issue 4, April 2013.
5. The Effect of heat treatment on the Microstructure, Mechanical Properties and Dry Sliding Wear Behaviour of A356.0 Reinforced with Alumina Volume 2, Issue 4, April 2013.

6. Dry sliding wear behavior of heat treated A2014 reinforced with Graphite Volume 2, Issue 5, May 2013.

**Name: Prashanth K P**

1. Study On Hydroxyapatite Coating On Biomaterials By Plasma Spray Method, International Journal Of Engineering Science & Technology (Ijest) Vol.4 No.09 September 2012 Issn: 0975-5462
2. Finite Element Analysis Of Radar Antenna Mounting Swinging Platform Structure , International Journal Of Engineering Research & Technology (Ijert) Vol.2 Issue 9, September 2013 Issn: 2278-0181
3. Investigation Of Fatigue Crack Growth Rate In Fuselage Of Large Trasport Aircraft Using Fea Approach, Global Journal Of Researches In Engineering Mechanical And Mechanics Engineering Volume 14 Issue 1 Version1.0 Year 2014 Online Issn:2249-4596 Print Issn: 0975-5861