

Contents



Effect of Runner Design and Heat Treatment Parameters on Microstructure and Mechanical Properties of Cast Modified-Vibrated Al-7Si-Mg alloy	81-87
<i>N. H. Siddalingaswamy, M. A. Joseph, N. M. Nagarajan N. H. Kumar</i>	
Application of Statistical Moments and Spectral Analysis for Condition Monitoring of Rolling Element Bearings	89-94
<i>M. S. Patil, Jose Mathew & P. K. RajendraKumar</i>	
Design of Robust Machine Layout for Cellular Manufacturing Systems	95-101
<i>Irappa Basappa Hunagund & Madhusudanan Pillai V.</i>	
Influence of Silicon (wt. %) and Heat Treatment on Abrasive Wear Behaviour of Cast Modified-vibrated Al-Si-Mg alloys	103-108
<i>N. H. Siddalingaswamy, M. A. Joseph, N. M. Nagarajan & N H Kumar</i>	
Influence of Reinforcements and Thermal Ageing on Corrosion Characteristics of Al (6061) Based Hybrid Composites	109-113
<i>Mahagundappa M. Benal, H. K. Shivanand & N. V. Yoganandmurthy</i>	
Effect of Alternate Solution Treatment on Microstructure and Mechanical Properties of Modifiedj Vibrated Cast Al-Si-Mg Alloys	115-120
<i>N. H. S. Swamy, Anantha Krishna Rao, M. A. Joseph & N. M. Nagarajan</i>	
Finite Element Development for Analysis of Smart Structures	121-124
<i>Chandrashekhara Bendigeri, K. Badari Narayana & K. Ramachandra</i>	
Experimental Studies on Pulsating Heat Pipe	125-129
<i>K. Rama Narasimha, S. N. Sridhara, M. S. Rajagopal</i>	
An Experimental and Analytical Approach to Interfacial Friction in Bulk Plastic Deformation	131-134
<i>Shrishail Kakkeri, P. Dinesh & M. M. Benal</i>	
Stress Analysis on Truck Chassis Using Finite Element Analysis	135-141
<i>S. Prabhu</i>	