

Table of Contents

Analysis of Mechanical Properties on Roselle Fibre with Polymer Matrix Reinforced Composite S. Nallusamy	1
Modelling and Optimization of Tool Chip Interface Temperature and Surface Roughness in CNC Dry Turning of EN 24 Steel N.K. Mandal and T. Roy	7
An Experimental Investigation to Optimize Multi-Response Characteristics of Ni-Hard Material Using Hot Machining A.K. Parida and K.P. Maity	16
Finite Element Method and Experimental Investigation of Hot Turning of Inconel 718 A.K. Parida and K.P. Maity	24
Elements and Materials Improve the FDM Products: A Review A. Salem Bala, M.S. bin Wahab and M. binti Ahmad	33
Relation between Cantabro Loss and Surface Abrasion Resistance of Fly Ash Roller Compacted Concrete (FRCC) S. Krishna Rao, P. Sravana and T. Chandrasekhar Rao	52
Evaluation of Permanent Deformation of BRA Modified Asphalt Paving Mixtures Based on Dynamic Creep Test Analysis M. Karami, A. Nega, A. Mosadegh and H. Nikraz	69
Exit Geometry Modifications of Double Volute Centrifugal Pump for Vane Passing Frequency Vibration Resolution: A Case Study M.D. Yusoff, M.H. Lim, M.R. Yahaya and J. Azman	82
Investigation of Variation in the Performance of an Electro Thermal Thruster with Aerospike Nozzle P. Menon	91
Financial Predictions Using Cost Sensitive Neural Networks for Multi-Class Learning E. Rozaki	104