

ISSN : 0974-5823

I J M E

International Journal of MECHANICAL ENGINEERING

VOLUME 7

ISSUE 2

JULY-DECEMBER 2014



SERIALS PUBLICATIONS (P) LTD.
NEW DELHI (INDIA)
www.serialspublications.com

INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING

VOLUME 7

ISSUE 2

JULY-DECEMBER 2014

LIBRARY REF. NO. 86 (1)
DATE: 28/11/15

Contents

- Development of an Energy Efficient Heat Pump Working on R407C as an Alternate Refrigerant 85-89
Kalyani K. Radha, Naga S. Sarada, Nagesh E. L., Rajagopal, K.
- Effect of Machining Conditions on the Performance Characteristics of Micro Wire Electric 91-97
Electro Discharge Machining of Stainless Steel
Somashekhar, K. P., N. Ramachandran and Jose Mathew
- Effect of Short Glass Fiber Reinforcement on Characteristics of Polybutylene Terephthalate (PBT)- 99-103
An Experimental Study
Attel Manjunath and D. V. Girish
- Heat Transfer in Multicomponent Porous Media Systems: A Holistic Approach 105-112
A. K. Borah
- Optimization of Constrained Multi-Item Fuzzy Inventory Problems using Genetic Algorithm 113-119
*V. D. Prasada Rao, K. V. Subbaiah, V. Ramachandra Raju
K. Narayana Rao*
- Performance and Emission Evaluation of a Diesel Engine Fueled with Methyl Esters of 121-125
Tobacco Seed Oil
Y. V. V. Satyanarayana Murthy and A. Veeresh Babu
- Under Metallurgical Processing of Graphite Particulate Aluminium MMC 127-135
Thoguluva Raghavan Vijayaram and Mohd Shukor B. Salleh
- Experimental Investigations to Specify the Effect of Fuel Additives on Performance of a 137-141
Biodiesel Oil Engine
*Kalyani K. Radha, Aruna A. Kumari, Naga S. Sarada
Nagesh E. L. and Rajagopal, K.*
- Factors Influencing Migration of Impurity Atoms into Liquid Phase During Zone Refining of 143-153
Alloys with Laser as Heat Source
K. R. Nambiar, N. M. Nagarajan and M. A. Joseph
- Effect of LPG Substitution and Injector Opening Pressure on the Performance and Emissions 155-159
A Dual Fuel Engine
N. Kapilan, T. P. Ashok Babu and R. P. Reddy
- Effect of Demand Variability on Job Shop Performance: A Simulation Study 161-168
Rishu Sharma and Suresh Garg
- Analysis of Change Parameter after Implementation of Enterprise Resource Planning: 169-172
A Case Study
S. Sindhu and S. K. Moulick