

International Journal of
MATERIAL RESEARCH, ELECTRONICS AND ELECTRICAL SYSTEM

VOLUME 8

NUMBER 1

JANUARY-JUNE 2015

Contents



Tribological Performance Evaluation of Tin Bronzes with Varying Tin Percentages	1-9
<i>Anand Kumar</i>	
Analytical Investigations on Stress Relaxation for Bolted Joints at Elevated Temperature	11-20
<i>D. Sunzel, P. B. Godbole & D. Nageswara Rao</i>	
Fatigue Crack Growth Analysis of Through Cracked and Double Edge Cracked Plates Using Numerical Simulation	21-37
<i>V. Sai Srikanth & B. Chaitanya</i>	
Mechanical and Electrical Properties of Conducting Carbon Black Filled SBR Composites	39-51
<i>N. M. Remukappa & R. D. Sudhaker Samuel B. Suresha, Siddaramaiah & J. Sundara Rajan</i>	
Investigation on Mechanical Properties of Roselle Fiber Composites	53-64
<i>A. Alavudeen, M. Thiruchitrambalam J. T. Winowlin Jappes, S. Ganapathy Shankar A. G. Bhagavath Singh & A. Athijeyamani</i>	
Determination and Analysis of Optical Constants of FeCl ₃ Doped Poly (Glycidylmethacrylate) Thin Films	65-72
<i>F. Yakuphanoglu & G. Barim</i>	
Thermal Radiation Effects on Vertical Oscillating Plate in the Presence of First Order Chemical Reaction	73-83
<i>R. Muthucumaraswamy & G. Nagarajan</i>	
Influence of Hybridization of Natural Fiber Composites on Mechanical Properties	85-94
<i>A. Alavudeen, J. T. Winowlin Jappes M. Thiruchitrambalam, P. Sivasubramanian & A. Athijeyamani</i>	
Investigation of An Axisymmetric Compound Flow Problem of Sintered Preform: A Dimensional Analysis Approach	95-108
<i>Abhay Kumar Sharma, Ashok Kr. Mishra & R. K. Ranjan</i>	