

International Journal of
**MATERIAL RESEARCH, ELECTRONICS AND
ELECTRICAL SYSTEM**



VOLUME 7

NUMBER 1

JANUARY-JUNE 2014

Contents

Study of Mechanical Behavior of Friction Welded Joint in a Brass Material and its Statistical Modelling by Taguchi	<i>Md. Aleem Pasha, Ishtiaq Ahmad Khan, and Yatin Tambe</i>	1-16
Studies on Structural, Optical and Electrical Properties of Nanocrystalline Cu_2S thin Films Deposited by Novel	<i>M. S. Shinde, and R. S. Patil</i>	17-24
Production of Cerium and Bismuth Doped Yttrium Iron Garnet Films with Unusual Magnetic Properties Using Sol-gel Method	<i>Yavuz Öztürk, Mustafa Erol, Emre Çankılıç, Ufak Cüceduz, Erdal Çelik, and Ibrahim Avgin</i>	25-31
Dielectric Dispersion in ZnF_2 - MO - TeO_2 - Cr_2O_3 Glasses	<i>C. Laxmi Kanth, J. Anjaleih, B. Appa Rao, P. Kistaleih, and N. Veeraleih</i>	33-49
An Experimental Investigation on the Strength Characteristics of Slurry Infiltrated Fibrous Ferrocement	<i>G. S Sudhakar, K.B Prakash and, M.V Seshagiri Rao</i>	51-59
Analysis of Partial Discharge in Insulators using Finite Element Method	<i>V. Padma, and V. Srinivasa Raghavan</i>	61-70
Modeling the Production Process of Garment Industry using Arena Simulation Software	<i>Chethan Kumar C S, K. Ravindranath and NVR Naidu</i>	71-76