



International Journal of Engineering Research and Development (IJERD)

IJERD : Editorial Board

Editorial Board Members:

Dr. H. U. Akay - Purdue University at Indianapolis (IUPUI)
Dr. Martin P. Bendsoe - Technical University of Denmark
Dr. F. Brezzi - University of Pavia, Italy
Dr. M.D. Castellano - University of Zaragoza, Spain
Dr. J. S. Chen - University of California
Dr. A. Combescure - National Institute of Applied Science, France
Dr. J. Fish - Rensselaer Polytechnic Institute
Dr. D. K. Gartling - Engineering Sciences Center, Sandia National Laboratories
Dr. S. Ghosh - Ohio State University
Dr. S. Gopalakrishnan - Indian Institute of Science, India
Dr. I. Harari - Tel Aviv University, Israel
Dr. Ping Hu - Dalian University of Technology, China

Associate Editorial Board Member:

Dr. S. R. Idels hn - Korea Advanced Institute of Science & Technology, Korea
Dr. S. Im - Argentinean Association for Computational Mechanics (AMCA), Santa Fe, Argentina
Dr. Y. Jaluria - Lulea University of Technology
Dr. W. Kanok - Nukulchai - Asian Institute of Technology, Thailand
Dr. Tarun Kant - Indian Institute of Technology, India
Dr. K. M. Liew - City University of Hong Kong, Hong Kong
Dr. L. E. Lindgren - Rutgers, the State University of New Jersey
Dr. H. A. Mang - Technical University of Wien Karlsplatz, Austria
Dr. Shaker A. Meguid - Univ. Politecnica de Catalunya, Spain
Dr. C. A. Mota Soares - University of Toronto, Canada
Dr. S. Mukherjee - National Taiwan University, Taiwan
Dr. E. Onate - Technical University of Lisbon Polo I.S.T., Portugal
Dr. M. Papadrakakis - National Technical University of Athens, Greece
Dr. Glaucio Paulino - University of Illinois at Urbana-Champaign
Dr. Elio Sacco - University of Minnesota University of Cassino, Italy
Dr. B. A. Schrefler - University of Padova, Italy
Dr. K. Tamma - University of Cassino, Italy
Dr. Y. B. Yang - Cornell University

Editor-in-Chief

International Journal of Engineering Research and
Development(IJERD)

E-mail: ijerd.editor@gmail.com

Website: www.ijerd.com



I
J
E
R
D

Contents :

Performance of domestic solar heating system with thermal storage using phase change materials	01-11
Khaled A. Amer, Massuod Fakher, Suliman M. Ahmad, Mukhtar A. Irhouma, Salah Aldeen S. Altahbao, Elsadic Salim	
Hydrogen generation from magnesium alloys: offering a second life to waste and preparing the industrialization of the process	12-19
Jérémy Marchais, Christophe Cona, Jean-Louis Bobet	
β-Zero Sets and Their Properties in Topology	20-27
Govindappa NAVALAGI	
Experimental Study on Exploring the Potential of Low Cement Content Concrete through Alkaline Binder	28-33
Vallabhy, Subha Sakthi	
Testing for the existence of Laffer curve: Norway	34-36
Himanshu T	
Review on Seismic Analysis of Bridge	37-43
Javid Ahmad Bhat, N.B Mishra	
The Corporate Entrepreneurship Factors Influencing Entrepreneurial Culture in the Electricity Generating Authority of Thailand	44-51
Rachapruek Suchai, Premchai Chenaphun, Thanawat Nakawiro, Sanpat Wongsanit, Rangsinee Prakij, Suwit Saisuthanawit	