



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:

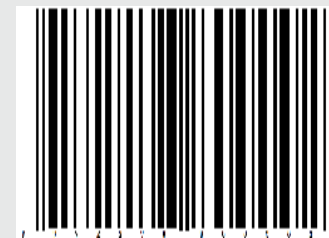
Dr. S. R. Idels hn - Korea Advanced Institute of Science & Technology, Korea
 Dr. S. Im - Argentinean Association for Computational Mechanics (AMCA), Santa Fe, Argentina
 Dr. Y. Jaluria - Lulea University of Technology
 Dr. W. Kanok - Nukulchai - Asian Institute of Technology, Thailand
 Dr. Tarun Kant - 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@editormails.com

Website: www.ijerd.com



I
J
E
R
D

Contents :

Research status and development trend of simulation experiments on the formation of underground crack sealing layer	01-05
Deep Convolutional Neural Networks for Malaria Cell Identification	06-10
The Cauchy Stress Tensor - Calculation Parameters Via Matlab -A Review	11-18
Malware Detection Systems on Android Platforms Using Genetic Algorithm	19-24
Output Price Policy in Indian Agriculture: A Review	25-31
Early Life Style Disease Prediction Using Ensemble Techniques	32-38
Benefits of Restricted Optimization in Production Engineering: A Case Study in a Plastic Industry	39-47
A Literature Review on Sustainable Development of New Energy and Oil Substitutes	48-51
Reimagining Intermodal Integration: A Sustainable Development Hub At Presidente Epitácio, Brazil	52-55
Mechanical Properties of Steel Fiber Reinforced Concrete: A Comprehensive Review	56-69
A Model for Predicting the Volume of Sand during Production	70-75
Determination of The Polycyclic Aromatic Hydrocarbons (Pahs) In Telfairia Occidentalis (Fluted Pumpkin) Cultivated In Okpai Oil Bearing Community For Sustainable Economic Growth In Nigeria	76-84
Structural and Optical Properties of Gold Nanoparticles Coated on Porous Silicon Thin film	85-90
Improving the Energy Efficiency of LEACH Protocol in WSNs	91-94
The International Education Seminar, October Teacher Festivals, Diversity and Inclusion Seminars, and Teachers Without Borders Program: strategies for teacher training in the municipality of Fortaleza	95-101

Peer Reviewed Refereed Journal