



International Journal of Engineering Research And Development

PEER REVIEWED JOURNAL



International Journal of Engineering Research And Development

PEER REVIEWED JOURNAL

e-ISSN : 2278-067X

Volume 20, Issue 7, Series 3

p-ISSN : 2278-800X

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:

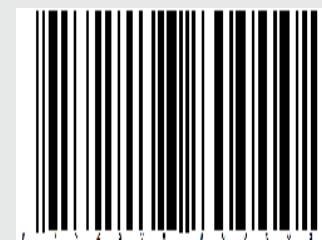
Dr. S. R. Idels hn - Korea Advanced Institute of Science & Technology, Korea
Dr. S. Im - Argentinean Association for Computational Mechanics (AMCA), Santa Fe, Argentina
Dr. Y. Jaluria - Lulea University of Technology
Dr. W. Kanok - Nukulchai - Asian Institute of Technology, Thailand
Dr. Tarun Kant -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



Contents :

Utilizing Algae from Wastewater Containing Copper and Nickel for Biofuel Production	288-299
The Impact of ICT Projects on Community Development and Promoting Social Inclusion	300-310
Smart textiles – Problems and prospects	311-323
Poka-Yoke Manufacturing Methodology and Performance of Beverage Firms in Edo State, Nigeria	324-331
Supremacy of Cognitive Power on volleyball competition performance: An Area Analysis	332-338
Object-Based Landcover/Landuse Change Detection and Analysis of Onitsha and Its Environs Using Multi-Scale Image Fusion	339-348
Production of Metallic Corrosion Resistant Paints to mitigate Corrosion of Petroleum Product Pipelines	349-353
Business Development in Increasing Productivity with the Application of Just in Time in the Production System: Case Study on Fish Floss Business	354-361
Curriculum Reforms on Foundational Education: A Thematic Exploration	362-364
Gender Differences in Personality Traits Among Credit Managers: An Empirical Analysis	365-370
A Study on the Effect of Media Coverage on Witness Testimonies in India	371-383
Heat of Hydration of Mass Concrete in Controlling Temperature Performance by Construction Stages	384-392
The Role of Business Process Analysis and Re-engineering in Enhancing Energy Sector Efficiency	393-404
AI-Powered Predictive Analytics in Chronic Disease Management: Regulatory and Ethical Considerations	405-410
Innovations in Real-Time Pore Pressure Prediction Using Drilling Data: A Conceptual Framework	411-421

Peer Reviewed Refereed Journal