



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:

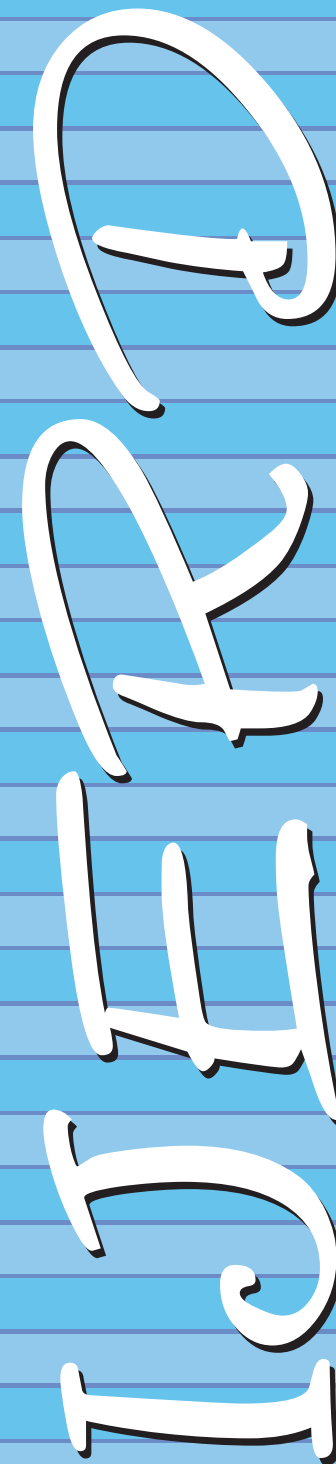
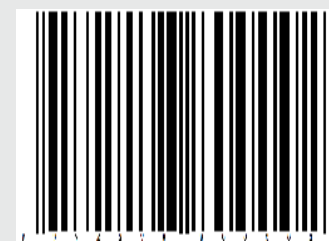
Dr. S. R. Idels hn - Korea Advanced Institute of Science & Technology, Korea
 Dr. S. Im - Argentinean Association for Computational Mechanics (AMCA), Santa Fe, Argentina
 Dr. Y. Jaluria - Lulea University of Technology
 Dr. W. Kanok - Nukulchai - Asian Institute of Technology, Thailand
 Dr. Tarun Kant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

Urban Mobility in Assis - Brazil: Analyzing the Impact of Federal Legislation on Local Transport Planning	01-09
Impact of Video Clips Instructional Platform on Academic Achievement of Students in Maintenance of Electrical Equipment in Colleges of Education in North Central Nigeria	10-15
A Comprehensive Study on Electrical Analysis of Transformer Failures	16-24
The Impact of Design Thinking And Thinking Based Learning Strategies on the Academic Achievements of Technical College Students in Basic Electricity In North-Central, Nigeria	25-30
Research on Innovative Financing Models Empowered by Blockchain in Agricultural Supply Chain Finance: A Case Study of Hecheng Rural Commercial Bank	31-33
Utilization of Autocad as Innovative Teaching Strategy for Technical Drawing Students in Colleges of Education in North Central Nigeria	34-38
Regulating Oil Price Using Transportation Model and Transportation Algorithm	39-46
Numerical numerical model for the separation of carbon dioxide from natural gases	47-54
Housing Improvements: a review of Brazilian initiatives	55-65
Improvement methods for student education of offshore petroleum engineering majors in Chinese petroleum universities under the goal of achieving carbon neutrality	66-71
Integration of Artificial Intelligence and Blockchain in Business Management	72-80
Comparison of a tower geodetic micro-network optimization results obtained using the MABAC, MAIRCA, COCOSO and ROV methods with those obtained applying the VIKOR method	81-95
Easy Math to Every One	96-99