



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:

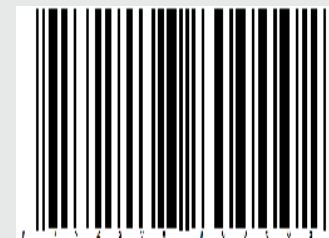
Dr. S. R. Idels hn - Korea Advanced Institute of Science & Technology, Korea
 Dr. S. Im - Argentinean Association for Computational Mechanics (AMCA), Santa Fe, Argentina
 Dr. Y. Jaluria - Lulea University of Technology
 Dr. W. Kanok - Nukulchai - Asian Institute of Technology, Thailand
 Dr. Tarun Kant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

Supporting the Green Energy Transition in U.S. SMEs: A Sustainable Finance and Consulting Approach	1162-1169
The Economic and Environmental Impact of Sustainable Business Practices in U.S. SMEs: A Data-Centric Approach	1170-1177
Real-Time Fraud Detection and Prevention in Financial Services through Advanced Data Analytics and Machine Learning	1178-1187
AI-Powered Real-Time Emotion Recognition: Pioneering Solutions for User Interaction and Engagement	1188-1205
Designing for Accessibility: Front-End Innovations to Enhance User Engagement in Digital Library Systems	1206-1223
Sustainable HSE Practices in Energy Production: Bridging the Gap Between Compliance and Corporate Responsibility	1224-1233
Evaluating Pharmacoeconomics for Optimizing Resource Allocation in Essential Drug Therapies	1234-1241
Supply Chain Innovations To Prevent Pharmaceutical Shortages During Public Health Emergencies	1242-1249
Innovations in Process, Module Engineering for Semiconductor Manufacturing: A Review of Efficiency, Safety, and Global Scalability	1250-1258
Conceptual Review on the Importance of Data Visualization Tools for Effective Research Communication	1259-1268
Development of a Data-Driven Sustainable Finance Model to Support SMEs in Green Energy Transition and Competitive Sustainability	1269-1276
Conceptual Development of Agile and Waterfall Methodologies: Advancing Project Management for Multisector Business Transformation	1277-1285
Data-Driven Customer Relationship Management: Strategies for Improving Operational Efficiency and Customer Satisfaction	1286-1295
Developing Real-Time Monitoring Models to Enhance Operational Support and Improve Incident Response Times	1296-1304
Optimizing Predictive Trade Models through Advanced Algorithm Development for Cost-Efficient Infrastructure	1305-1313