



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 :

Influence of Corn Starch as Admixture in Coconut Fiber Concrete	01-07
Chandan Kumar, Md. Gufran Jawed, Krishna Kant Pandey, Navin Kumar, Dhiraj Kumar, Dr. Krishna Murari	
Traffic Signal Operation, Optimization, Maintenance and Management Practices in the Southeast US	08-18
Gokmen Pacal, Dr. Virginia P. Sisiopiku, Dr. Mohammed Hadi	
The Potential of Exophytic Microbes in Control Empty Panicle Disease of Rice Plant (Oryza sativa L.)	19-24
I Made Sudarma, Ni Wayan Suniti, dan Ni Nengah Darmiati	
Design and Analysis of Fractional Order Transistor Amplifier	25-33
S.P Thatoi, S. Swain, M.C. Tripathy	
Drinking Water Activated By Plasma	34-42
Dr. Megala, Aman dosi , Aditya singh tanwar, Om narayan pandey	
Rapid Prototyping - An Engineering Tool in Dentistry	43-48
Dr. Mohit Kamra	
Critical Path Method and Time-Cost Tradeoff Analysis – A Review	49-58
J. Jaya Prakash, R. Vidjeapriya	
Urban Soundscape Ecology: Considering Users Perception	59-72
Iman O. Gawad, Radwa A. Omira	