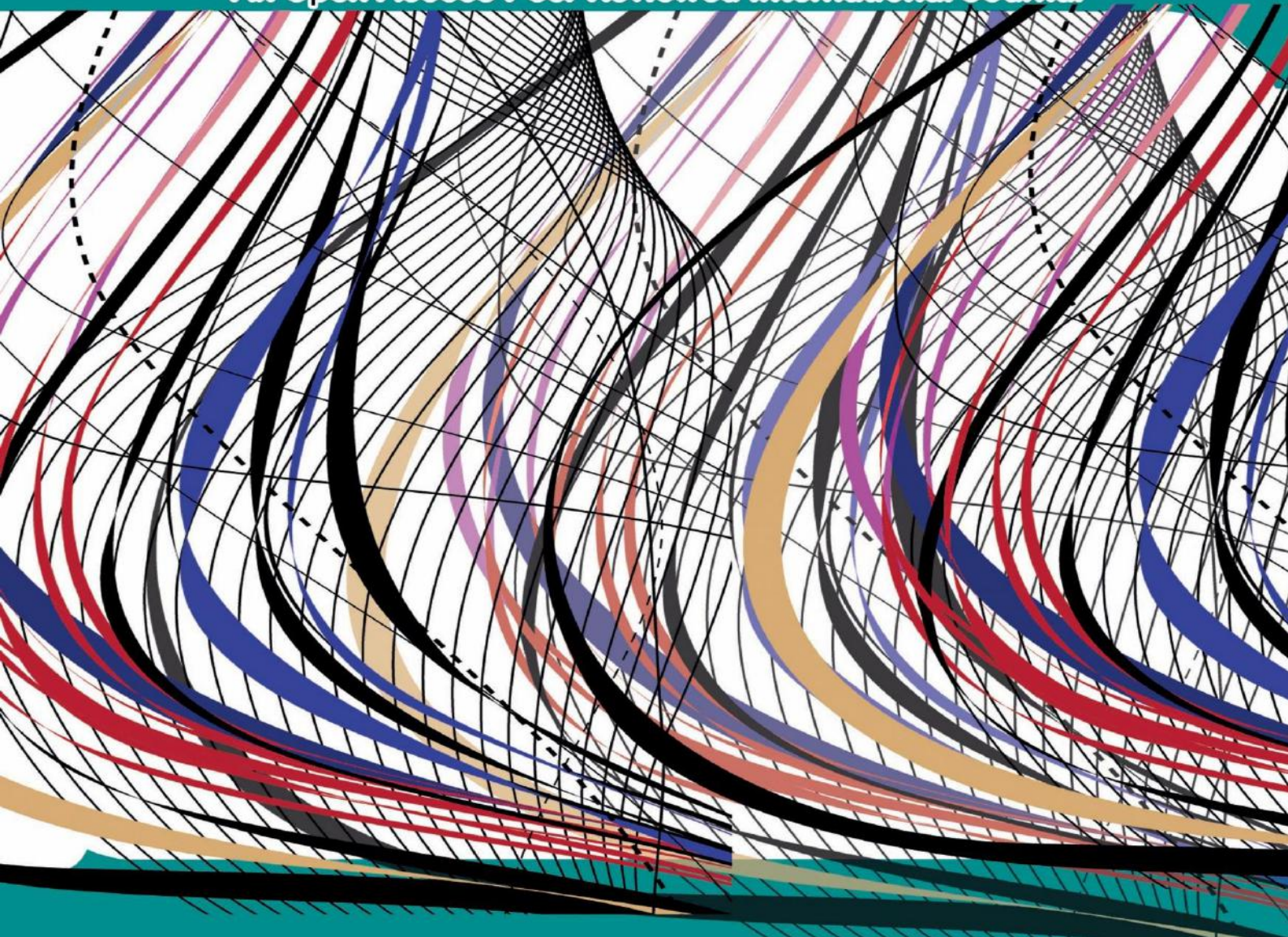


International Journal of Advanced Engineering, Management and Science

Journal CrossRef DOI: 10.22161/ijaems

(IJAEMS)

An Open Access Peer Reviewed International Journal



Vol-11, Issue-6 | Nov-Dec, 2025

Issue DOI: 10.22161/ijaems.116

International Journal of Advanced Engineering, Management and Science (IJAEMS)

(ISSN: 2454-1311)

DOI: 10.22161/ijaems

Vol-11, Issue-6

November - December, 2025

Editor in Chief

Dr. Dinh Tran Ngoc Huy

Chief Executive Editor

Dr. S. Suman Rajest

Copyright © 2025 International Journal of Advanced Engineering, Management and Science

Publisher

Infogain Publication

Email: ijaems.editor@gmail.com ; editor@ijaems.com

Web: www.ijaems.com

Editorial Board/ Reviewer Board

Dr. Zafer Omer Ozdemir, Energy Systems Engineering Kırklareli, Kırklareli University, Turkey

Dr. H.Saremi, Vice- chancellor For Administrative & Finance Affairs, Islamic Azad university of Iran, Quchan branch, Quchan-Iran

Dr. Ahmed Kadhim Hussein Department of Mechanical Engineering, College of Engineering, University of Babylon, Republic of Iraq

Mohammad Reza Kabaranzad Ghadim Associated Prof., Department of Management, Industrial Management, Central Tehran Branch, Islamic Azad University, Tehran, Iran

Prof. Ramel D. Tomaquin Prof. 6 in the College of Business and Management, Surigao del Sur State University (SDSSU), Tandag City, Surigao Del Sur, Philippines

Dr. Ram Karan Singh, BE (Civil Engineering), M.Tech.(Hydraulics Engineering), PhD (Hydraulics & Water Resources Engineering), BITS- Pilani, Professor, Department of Civil Engineering, King Khalid University, Saudi Arabia.

Dr. Asheesh Kumar Shah, IIM Calcutta, Wharton School of Business, DAVV INDORE, SGSITS, Indore Country Head at CraftSOL Technology Pvt.Ltd, Country Coordinator at French Embassy, Project Coordinator at IIT Delhi, INDIA

Dr. Ebrahim Nohani, Ph.D (hydraulic Structures), Department of hydraulic Structures, Islamic Azad University, Dezful, IRAN.

Dr.Dinh Tran Ngoc Huy, Specialization Banking and Finance, Professor, Department Banking and Finance , Viet Nam

Dr. Shuai Li, Computer Science and Engineering, University of Cambridge, England, Great Britain

Dr. Ahmadad Nabih Zaki Rashed, Specialization Optical Communication System, Professor, Department of Electronic Engineering, Menoufia University

Dr.Alok Kumar Bharadwaj, BE(AMU), ME(IIT, Roorkee), Ph.D (AMU), Professor, Department of Electrical Engineering, INDIA

Dr. M. Kannan, Specialization in Software Engineering and Data mining, Ph.D, Professor, Computer Science, SCSVMV University, Kanchipuram, India

Dr.Sambit Kumar Mishra, Specialization Database Management Systems, BE, ME, Ph.D, Professor, Computer Science Engineering, Gandhi Institute for Education and Technology, Baniatangi, Khordha, India

Dr. M. Venkata Ramana, Specialization in Nano Crystal Technology, Ph.D, Professor, Physics, Andhara Pradesh, INDIA

Dr.Swapnesh Taterh, Ph.d with Specialization in Information System Security, Associate Professor, Department of Computer Science Engineering Amity University, INDIA

Dr. Rabindra Kayastha, Associate Professor, Department of Natural Sciences, School of Science, Kathmandu University, Nepal

Amir Azizi, Assistant Professor, Department of Industrial Engineering, Science and Research Branch-Islamic Azad University, Tehran, Iran

Dr. A. Heidari, Faculty of Chemistry, California South University (CSU), Irvine, California, USA

DR. C. M. Velu, Prof. & HOD, CSE, Datta Kala Group of Institutions, Pune, India

Dr. Sameh El-Sayed Mohamed Yehia, Assistant Professor, Civil Engineering (Structural), Higher Institute of Engineering - El-Shorouk Academy, Cairo, Egypt

Dr. Hou, Cheng-I, Specialization in Software Engineering, Artificial Intelligence, Wisdom Tourism, Leisure Agriculture and Farm Planning, Associate Professor, Department of Tourism and MICE, Chung Hua University, Hsinchu Taiwan

Branga Adrian Nicolae, Associate Professor, Teaching and research work in Numerical Analysis, Approximation Theory and Spline Functions, Lucian Blaga University of Sibiu, Romania

Dr. Amit Rathi, Department of ECE, SEEC, Manipal University Jaipur, Rajasthan, India

Dr. Elsanosy M. Elamin, Dept. of Electrical Engineering, Faculty of Engineering. University of Kordofan, P.O. Box: 160, Elobeid, Sudan

Dr. Subhaschandra Gulabrai Desai, Professor, Computer Engineering, SAL Institute of Technology and Engineering Research, Ahmedabad, Gujarat, India

Dr. Manjunatha Reddy H S, Prof & Head-ECE, Global Academy of Technology, Raja Rajeshwari Nagar, Bangalore, India

Herlandí de Souza Andrade
Centro Estadual de Educação Tecnológica Paula Souza, Faculdade de Tecnologia de Guaratinguetá Av. Prof. João Rodrigues Alckmin, 1501 Jardim Esperança - Guaratinguetá 12517475, SP – Brazil

Dr. Eman Yaser Daraghmi, Assistant Professor, Ptuk, Tulkarm, Palestine (Teaching Artificial intelligence, mobile computing, advanced programming language (JAVA), Advanced topics in database management systems, parallel computing, and linear algebra)

Ali İhsan KAYA, Head of Department, Burdur Mehmet Akif Ersoy University, Technical Sciences Vocational School Department of Design, Turkey

Wilson Udo Udofia, Department of Technical Education, State College of Education, Afaha Nsit, Akwa Ibom State, Affiliated to the University of Uyo, Nigeria

Professor Jacinta A.Opara, Professor and Director, Centre for Health and Environmental Studies, University of Maiduguri, P. M.B 1069, Maiduguri Nigeria

Siamak Hoseinzadeh, Ph.D. in Energy Conversion Engineering
Lecturer & Project Supervisor of University, Level 3/3, Islamic Azad University West Tehran Branch, Tehran, Iran

Dr. Osama Mahmoud Abu Baha, Assistant Professor English Language and Literature, University College of Educational Sciences –UNRWA

Agnieszka IÁ,endo-Milewska, Ph D., Director of the Faculty of Psychology, Private University of Pedagogy in Bialystok, Poland Area of Interest: Psychology

Ms Vo Kim Nhan, Lecturer, Tien Giang University Vietnam

Nguyen Thi Phuong Hong, Lecturer, University of Economics Ho Chi Minh city Vietnam

Dr. Sylwia GwoŹdziewicz, PhD, Assistant Professor, The Jacob of Paradies University in Gorzow Wielkopolski / Poland

Dr. Kim Edward S. Santos, Nueva Ecija University of Science and Technology, Philippines

Dr. J. Gajendra Naidu, Head of the Department, Faculty of Finance, Botho University, Botswana

Narender Chinthamu, Massachusetts Institute of Technology, 7 Massachusetts Ave, Cambridge, MA 02139