

Acta Informatica Malaysia (AIM)

HEAD OFFICE ADDRESS:

Zibeline International Publishing Sdn Bhd

C2-2-3, Block 2, CBD Perdana 3,
Persiaran Cyberpoint Timur,
Cyber 12, 63000 Cyberjaya,
Selangor.

Tel: +603-86879842

EDITORIAL STAFF:

Publishing Manager

Tasbia Ab Rajul

Publishing Co-Coordinator

Nurul Atikah Arsat

Publishing Editor

Farah Awanis Md Radzi

Publishing Editor

Nurul Afiqah Ab Manan

Technical Editor

Nuruljannah Kamarudin

Technical Editor

Fakhruddin Che Fauzi

Frequency:

Bi-annual (2 issue per year)

ISSN: 2521-0874 (Print)

ISSN: 2521-0505 (Online)

Price:

Single issue: 50 MYR

Price for abroad

Single issue: 25 USD

Web:

www.actainformaticamalaysia.com

E-mail:

info@zibelinepub.com

Acta Informatica Malaysia (AIM)

Contents

VOLUME 4, ISSUE 1, 2020		
No	Editorial	Pages
1	VISUAL COMMUNICATION TECHNIQUE TO ENHANCE TEACHING AND LEARNING PROCESSES IN QUANTITATIVE ANALYSIS AND INSTRUMENTATION COURSE	1-3
2	FRACTAL ANTENNA - WIRELESS COMMUNICATION NEW BEGINNING BREAKTHROUGH IN DIGITAL ERA	4-9
3	INDIVIDUAL AND ORGANIZATIONAL IMPACTS: INFORMATION AND SYSTEM QUALITY INFLUENCE ON ATTITUDE TOWARDS USE AND USER SATISFACTION OF AGENCY-LEVEL FINANCIAL APPLICATION SYSTEM	10-18
4	INTEGRATED CRYPTOGRAPHICAL ACCESS CONTROL OVER NETWORK PROJECT	19-21
5	IOT BASED STATISTICAL APPROACH FOR HUMAN CROWD DENSITY ESTIMATION-DESIGN AND ANALYSIS	22-25

Acta Informatica Malaysia (AIM)

Editorial

Acta Informatica Malaysia (AIM) is an international journal of high repute covering topics of interest to all those researching and working in the sciences of information and knowledge management. The Editors welcome material on any aspect of information science theory, policy, application or practice that will advance thinking in the field. Information Science is a broad based discipline which has a potential impact in almost every sphere of human activity in the emerging information age. There have been significant advances in information technology and information processing techniques over recent years and the pace of innovation shows no sign of slowing. However, the application of these technologies is often sub-optimal because theoretical understanding lags behind. The Journal seeks to achieve a better understanding of the principles that underpin the effective creation, organization, storage, communication and utilization of information and knowledge resources. It seeks to understand how policy and practice in the area can be built on sound theoretical or heuristic foundations to achieve a greater impact on the world economy. Articles focusing on applied information science topics should seek to highlight the underlying theoretical principles and show how their application has been novel or lead to unusual or exemplary results

Scientific Board

Editorial Team

Editor in Chief

Associate Professor Dr. Shahreen Kasim
Head of Centre, Soft Computing and Data Mining
(SMC),
Faculty of Computer Science & Information
Technology,
University Tun Hussein Onn Malaysia Malaysia

Managing Editor

Irfan Ali
Department of Computer Science,
University of Agriculture, Faisalabad Pakistan

Associate Editors

Associate Professor Dr. Mohd Farhan Md Fudzee
Faculty of Computer Science & Information
Technology,
University Tun Hussein Onn Malaysia Malaysia

Associate Professor Dr. Hairulnizam Mahdin
Faculty of Computer Science & Information
Technology,
University Tun Hussein Onn Malaysia Malaysia

Dr. Azizul Azhar Ramli
Faculty of Computer Science & Information
Technology,
University Tun Hussein Onn Malaysia, Malaysia

Associate Professor Dr. Nazri Mohd Nawi
Faculty of Computer Science & Information
Technology,
University Tun Hussein Onn Malaysia, Malaysia

Editorial Board

Dr. Oye Nathaniel David
Universiti Teknologi Malaysia,
Skudai, Johor, Malaysia

Dr. Zhi-Hua Zhou
Nanjing University,
Nanjing China

Dr. Tc Manjunath
HKBK College of Engg., Bangalore,
Karnataka India

Mohamed Abdel-Baset Metwalli Attia
Faculty of Computers and Informatics,
Zagazig university, Egypt

Dr. Ji-Wu Huang
Shenzhen University, Shenzhen China

Dr. Shaikh Enayet Ullah
University of Rajshahi, Rajshahi Bangladesh

Dr. Jiannong Cao
Hong Kong Polytechnic University,
Hong Kong China

Dr. Sarabjit Singh
University Institute of Engineering &
Technology CHD, India

Dr. Jatinder Pal Singh
Principal Golden Institute of
Technology Gurdaspur, India

Acta Informatica Malaysia (AIM)

Dr. Xiao-Tie Deng
Shanghai Jiao Tong University, Shanghai China

Dr. Ashraf Darwish
Faculty of Science,
Helwan University, Egypt

Dr. Xiao-Ming Sun
ICT, CAS, Beijing China

Dr. Yan-Chun Liang
Jilin University, Changchun China

Dr. Visvanathan Naicker
University of the Western Cape,
South Africa

Dr. Bin Ma
University of Waterloo, Waterloo Canada

Dr. P. Bhargavi
Sri Vidyanikethan Engineering College,
Rangampeta, India

Dr. Sukumar Senthil Kumar
Chon Buk National University, India

Dr. Ming-Sheng Ying
Tsinghua University, Beijing China

Dr. Abhay Gupta (Agrawal)
Maa Narmada Mahavidhyalay
Dhamnod (Dhar), India

Advisory Committee
Prof. Dr. Ramesh K. Agarwal
Washington University St. Louis, USA

Professor Dr. Pierre Borne
Ecole Centrale de Lille, France

Professor Dr. Yiu-Ming Cheung
Department of Computer Science
Hong Kong Baptist University,
Hong Kong, China

Professor Dr. Toshio Fukuda
Department of Micro and Nano System
Engineering Department of Mechano-Informatics
and Systems Nagoya University, Japan

Professor Daniel Lai
Department of Computing Hong Kong
Polytechnic University Hong Kong, China

Professor Dr. Patrick S. P. Wang
Northeastern University, USA

Professor Dr. Abdel-Badeeh M. Salem
Head of Artificial Intelligence and Knowledge,
Engineering Research Labs Ain Shams,
University, Cairo, Egypt

Professor Dr. Hari Mohan Srivastava
Department of Mathematics and Statistics,
University of Victoria, Canada

Dr. Jacky Yuk-Chow So
Faculty of Business Administration
University of Macau, Macau, China

Distinguished Professor Dr. Chi-Wei Su
Department of Finance,
Ocean University of China, China