Contents:

IJACT: Editorial Board ................................................................................................................. i
IJACT: Call for Papers & Special Issue ........................................................................................ x

< PART 1 >

An Efficient Wireless Network Discovery Method for Vertical Handover
between WiMAX and WLAN ........................................................................................................... 1
Radhwan M. Abdullah, Azizol Abdullah, Mohamed Othman, Shamala K. Subramaniam

Secure and Efficient Two-Party Identity-based Authenticated Key Agreement Protocol ................................................................. 11
Shuai Shao, Guoai Xu, Xinxin Niu,

Design of One-Step MSD Optical Adder with Restricted Input Symbols .................. 23
SHEN Yunfu, OUYANG Shan, JIN Yi, PENG Junjie

Clonal Selection Algorithm Based on Manifold Distance For Image Compression
.................................................................................................................................................... 31
zhao Mengling, Yuan Zichun, Liu Hongwei

Dynamic Beamforming Handover Mechanism Using Neighbor Profile in
IEEE 802.11 Wireless LANs ........................................................................................................... 40
Jihoon Lee, Eugene Rhee

Hierarchical Mobile IPv6 Smooth Handoff Scheme Using Simultaneous Multiple Bindings ......................................................................................................................... 48
Jihoon Lee, Hano Wang

A Performance study of MANETs using a Trust Mechanism ......................................... 56
Vijender Busi Reddy, Atul Negi, S.Venkatraman, D.Mallikarjuna Rao

Automatic Retrieval of Particular Oncology Documents from PubMed by
Semantic-based Text Clustering ................................................................................................. 65
Jantima Polpinij and Chumsak Sribunruang

System Architectures to Simplify the Application Development on Resource-constraint Wireless Sensor Nodes ................................................................. 75
Xing Liu, Kun Mean Hou, Chengcheng Guo, Christophe de Valux, Hongling Shi, Bin Tian
Hierarchical and Dynamic Pathfinding Algorithms in Game Maps .......................... 87
Yan Li, Wenju Zhao, Zhenhua Zhou, Cai Chen

A Multi-Partitioning Based Data Gathering Scheme for WSN/WSAN ................. 99
Xiangli Zhang, Hanrong Bao, Kun Yan, Jin Ye, Hongmei Zhang

A New Approach to Data Encryption Based on the Synchronous Stream Cipher with Bit-level Diffusion ................................................................. 109
Zaiton Muda, Abdeladeem Ab. Ahfaidha, Nur Izura Udizir, and Ramlan Mahmod

Scatter Search metaheuristic for Post-Enrolment Course Timetabling Problems: A Review ................................................................. 118
Ghaith M. Jaradat, Masri Ayob and, Zulkifli Ahmad

Synthesizing a Heart Rate Analyzer Chip QRS .................................................. 126
Ati Sa’ed Abed, Ahmad Al-Khasawneh, Sahel Alounehhor

Analysis and Performance for the Flange Plate of Comb-type Caisson ............. 138
Tao Zhang, Hai-Feng Bai, Sheng-Wu Wang

Relationship Prediction Particle Swarm Optimization for Learning Bayesian Network and Its Application ................................................................. 148
Wenqiang Guo, Qinkun Xiao, Yongyan Hou

Embedding Data in MPEG-2 Compressed Video using an improved Pixel-Value-Differencing Scheme .................................................. 157
Tarik Faraj Idbeaa, Salina Abdul Samad, Hafizah Husain

Using Ontologies for Information Management on Electronic Clinical Records 171
Marco Suarez, Kathleen Salinas

Exploring Scientific Publication and Cross Domain Linked Dataset for Similarity - A Case Study ................................................................. 179
Atif Latif, Klaus Tochtermann

Will the Robot Breach the Social Network between Children and Teacher? ...... 188
Jeonghye Han, Roy Pea

A Prospective Study of Mobile Cloud Computing ............................................. 198
Mojtaba Alizadeh, Wan Haslina Hassan, Mazdak Zamani, Touraj Khodadadi, Saman Shojae Chaeikar
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>An Experimental Study on Inelastic Lateral-Torsional Buckling Strength of Monosymmetric Stepped I-Beam SubJECTED to a Concentrated Load</td>
<td>Yi Seul Park, Jong Sup Park</td>
<td>211</td>
</tr>
<tr>
<td>DSP-based New On-line Dead Time Compensation Strategy of a PMSM Drive through Digital Signal Processing and Harmonic Component Extraction for a Robot Arm Application</td>
<td>Kyeong-Hwa Kim, Myungbok Kim</td>
<td>217</td>
</tr>
<tr>
<td>The Counter Attack for Physical Attacks on Wireless Sensor Networks by Secure and Optimized Group Diffie-Hellman</td>
<td>Sunghyuck Hong</td>
<td>227</td>
</tr>
<tr>
<td>User Behavior Based Authentication on Mobile Network</td>
<td>Sunghyuck Hong</td>
<td>233</td>
</tr>
<tr>
<td>A Long Distance Estimation Scheme with a Large Aperture Lenses Based on Infrared Stereo Vision System for Ship Navigation</td>
<td>Binh Phan Tran, Sikyung Kim, Moonkyun Oh</td>
<td>245</td>
</tr>
<tr>
<td>A Passive Balancing System Based on The SOC Sorting Technique</td>
<td>Choi Chul-hyung, Kim Si-kyung, Binh Phan Tran</td>
<td>253</td>
</tr>
<tr>
<td>Design of Foreign Substance Detector Using Photo-sensor</td>
<td>Dea-Soo Kang, Jeong-Bong You</td>
<td>264</td>
</tr>
<tr>
<td>Design of Multipoint Output Module by PLC</td>
<td>Jeong-Bong You</td>
<td>268</td>
</tr>
<tr>
<td>Study on Effective Motion Control of CCTV</td>
<td>Heon-Tag Kong, Jeong-Bong You</td>
<td>273</td>
</tr>
<tr>
<td>Digital Single-Side Band Modulation Using Digital Signal Processor</td>
<td>Won-Ho Kim, Moon-Jung Kim</td>
<td>278</td>
</tr>
<tr>
<td>The Design and Implementation of Cell Image Analysis System</td>
<td></td>
<td>284</td>
</tr>
</tbody>
</table>
A New Locomotor Evaluation System in Rats based on Vector Image Processing with Modified Thiessen-Delaunary method ................................. 292
Ho-Young Kwak, Ki-Bum Sim, Jisoon Huh, Yong-Suk Lee

A Method of Pseudo-Live Streaming for an IP Camera System with HTML5 Protocol ................................................................. 300
Paul Vincent S. Contreras, Jong Hun Kim, Byoung Wook Choi

A New Algorithm of Generating Neural Networks for Pattern Classification: Stabilities and Results .......................................................... 309
Lark Sang Kim

Automated Essay Scoring System By Using Support Vector Machine .......... 316
Rocy Martinez, Hee-Dong Hong, Daewon Lee

A Dynamic Approach to Generating Tests for Effective Bug-Finding ................ 323
Insang Chung

Non-Divergent Power Flow Using a Homotopy Continuation Method .......... 333
Hwachang Song

Development of Active Frequency Drift Anti-islanding Method Based on Correlation Parameter .............................................................. 340
Byunggyu Yu

Wind Turbine Simulator Development Using a Separately Excited DC Motor .. 347
Byunggyu Yu, Ahmed G. Abo-Khalil

A Current Sensor-less Maximum Power Point Tracking Method for PV System...... ................................................................. 358
Byunggyu Yu, Ahmed G. Abo-Khalil

The Practical Ecosystem of Smart Advertising and the Policies for its Activation in South Korea ......................................................... 365
Sung Ho Park

Object Edge Count based Automobile Video Surveillance System .................. 371
Yong-Hun Lee, Soo-Yeong Jeong, Won-Ho Kim,
Probabilistic Error Analysis of Operation Mode in Block Cipher .......................... 377  
Jinkeun Hong

Robust Tracking Control based on Nonlinear Disturbance Observer for 
Wheeled Mobile Robots with Skidding and Slipping ........................................... 384  
Hyo-Seok Kang, Chang-Ho Hyun, Heejin Lee, Mignon Park

Social Network Analysis on Innovation Centers for Engineering Education ..... 393  
Seungil Choi

Future Forwarding Smart IT Convergence ............................................................ 398  
ByungTae Chun, SeongHoon Lee

Comparison of Software Development Productivity by EJB Versions with 
Enterprise of Standardization .................................................................................. 404  
Gui Jung Kim, Myeong Ho Lee,

Design of Reference Model for Complex Embedded Software Testing .............. 411  
Myeong Ho Lee, Jung Sang Yoo

Survey on the Script Languages of the Interactive Storytelling Authoring System  
........................................................................................................................................ 424  
Seok-Kyoo Kim, Sunil Ahn

An Efficient Algorithm for Crowd Simulation ....................................................... 430  
Jae Moon Lee, Kitae Hwang

IT Governance Issues in Korean Government Integrated Data Center ............... 438  
Seok-In Lee

Abstract Clustering based User Interface Design ............................................... 445  
Sang-Young Lee

Quest 3D-based Simulator for Implementing Mechanical Joint Device in 
Excavator ................................................................................................................. 453
Wan-Sik Jun, Bong-Han Kim, Jae-Kwang Lee

Analysis of Smartphone Security Problem - Android and iPhone .......................... 459
Yong-Tae Kim, Yoon-Su Jeong, Gil-Cheol Park

An ANFIS Control System for Smart Home .......................................................... 464
Sang-Hyun Lee, Sang-Joon Lee, Kyung-Il Moon

The Effects of Cultural Distance and Disposition on Communication Behavior in the International Strategic Alliance ................................................................. 471
Min-Sook Park, Jong-Kuk Shin

Chaos Synchronization of Two Identical 4D Chaotic Systems via Active Backstepping Method ................................................................. 483
Sung-Hoon Yu, Chang-Ho Hyun, Mignon Park

Development of Attention Improvement Robot Education Program .................. 491
Hyunwook Nam

Modeling and Evaluation Framework of Dynamic Human Postures Data Using T2FN based Fuzzy Geometric Model ........................................... 497
Heedong Hong, Hyunsoo Lee

A Nonlinear Structural Analysis for Optimization of Lead Pitch in COF Bonding… .......................... 506
Il Sun Hwang, Young Lim Lee

Loop Transformation for Nested Loops with n-dimensional Space .................. 517
Jeong, Samjin

Analysis of Continuous Intention to Use Smartphone Games and Factors Influencing User Satisfaction ....................................................... 524
Young-Ho Hwang, Yoo-Jin Moon, Woo-Taek Hwang
International Journal of Advancements in Computing Technology
http://www.aicit.org/ijact
ISSN: 2233-9337(Online), ISSN: 2005-8039(print)

IJACT: Editorial Board

General Editors-in-Chief
Prof. Franz I. S. Ko, Ph.D. (IBC, UK/ Dong-A University, Korea(Rep.of))

Managing Editor-in-Chief
Dr. Yunji Na (AICIT, Korea(Rep. of))

Associate Editors
Prof. Henry Chen (Wright State University , United States of America)
Prof. In Soo Lee (Kuypgook National University , Republic of Korea)
Prof. Juan A. Gomez-Pulido (University of Extremadura , Spain)
Prof. Carlos Leon (University of Seville , Spain)
Prof. Junfeng Qu (Clayton State University , United States of America)
Prof. Joseph A Meloche (University of Buffalo , United States of America)
Prof. Ickjai Lee (James Cook University , Australia)
Prof. Vinod A Prasad (Nanyang Technological University , Singapore)
Prof. Kenji Suzuki (The University of Chicago , United States of America)
Prof. Jussi Koskinen (University of Jyvaskyla , Finland)
Prof. William C. Chu (Tunghai University , Taiwan)
Prof. Bruce Moulton (University of Technology , Australia)
Prof. Nick Taylot (Heriot-Watt University , United Kingdom of Great Britain and Northern Ireland)
Prof. Kun Hua (University of Nebraska Lincoln , United States of America)
Prof. Shaochun (Simon) Xu (Algoma University , Canada)
Prof. Abel Gomes (University of Beira Interior , Portugal)
Prof. Antonio Martin (Seville University , Spain)
Prof. Yee Ming Chen (Yuan Ze University , Taiwan)
Prof. Adel Al-Jumaily (Faculty of Engineering and IT University of Technology , Australia)
Prof. Hyun S. Park (Ewha Womans University , Republic of Korea)

Editors
Dr. Ramzy S. Ali Al.Waily (University of Basrah , Iraq)
Dr. Jane Jaleel Eshaq (Informatics Institute For Postgraduate Studies , Iraq)
Dr. Nidaa A. Abbas (Babylon University , Iraq)
Prof. Nabeel Hashem Kaghed (Babylon university , Iraq)
Prof. Suha Mohammed Hadi (Baghdad University , Iraq)
Prof. Mohammed Z.Al-Faiz (Nahrain University , Iraq)
Dr. Hala Bahjat Abdul Wahab (University of Technology , Iraq)
Dr. Hani Alzaid (Information Security Institute , Australia)
Dr. Abbas M. Al-Bakry (Babylon University , Iraq)
Prof. Marcelo de Carvalho Alves (Federal University of Mato Grosso , Brazil)
Prof. J. Alfredo Hernandez (Autonomous University of Morelos State (UAEM) , Mexico)
Dr. YEZID DONOSO (Universidad de los Andes, Colombia)
Dr. Stefano Federici (University of Cagliari, Italy)
Dr. Esteban Tlelo-Cuautle (INAOE, Mexico)
Prof. Samad S. Kolahi (Unitec New Zealand, New Zealand)
Prof. Taikeyeong Ted. Jeong (Myongji University, Republic of Korea)
Prof. Gaocai Wang (Hunan University, China)
Prof. Ali Selamat (Universiti Teknologi Malaysia, Malaysia)
Dr. Irfan Syamsuddin (State Polytechnic of Ujung Pandang, Indonesia)
Prof. Yang gelan (Hunan City University, China)
Prof. Anton Satria Prabuwono (Universiti Kebangsaan Malaysia, Indonesia)
Prof. Anastasios A. Economides (University of Macedonia, Greece)
Dr. Stephane Galland (University of Technology of Belfort Montbeliard, France)
Prof. Liang GAO (Huazhong University of Science and Technology, China)
Prof. Ning Chen (Xian polytechnic university, China)
Prof. Hongbo WANG (Yanshan University, China)
Dr. P. Vasant (Power Control Optimization, Thailand)
Dr. Xiaoyuan Su (Varoldi Corporation, United States of America)
Dr. Jose Aguilar (Universidad de los Andes, Venezuela (Bolivarian Republic of))
Prof. Peiquan Jin (University of Science and Technology of China, China)
Prof. AboulElla Hassanien (Cairo University, Egypt)
Dr. Jabar H. Yousif (Faculty of computing & Information technology, Oman)
Prof. Domenico Ursino (University Mediterranea of Reggio Calabria, Italy)
Prof. Kyungmi Lee (James Cook University, Australia)
Dr. Ladda Preechaveerakul (Prince of Songkla University, Thailand)
Prof. Hui-Mei Chao (Kao Yuan University, Taiwan)
Prof. Sanjay Mohapatra (Xavier Institute of Management, India)
Prof. Simon Fong (University of Macau, China)
Prof. Yang Zhao (Nanjing University of Science and Technology, China)
Dr. Harith Alani (University of Southampton, United Kingdom of Great Britain and Northern Ireland)
Prof. Ping-Feng Pai (National Chi Nan University, Taiwan)
Prof. Yongtae Do (School of Electronic Engineering, Daegu University, Republic of Korea)
Prof. Eung-Joo Lee (Tongmyong University Department of Information Communication Engineering, Republic of Korea)
Prof. Panos Fitsilis (Technological Educational Institute of Larss, Greece, Greece)
Dr. Jue Wang (Academy of Mathematics and Systems Science, Chinese Academy of Sciences, China)
Dr. K.S. Cheung (University of Hong Kong, Hong Kong Special Administrative Region of China)
Dr. Bingjun Sun (TeleNav Inc., United States of America)
Prof. Hua-Yi Lin (China University of Technology, Taiwan)
Dr. Ka Lok Man (University College Cork, Ireland)
Dr. Hairong lei (Abbott Medical Optics, United States of America)
Prof. Seung Ju Jang (Dongeui University, Republic of Korea)
Dr. Qutaiba Ibrahim Ali (University of Mosul, Iraq)
Dr. Zhi-Kai Huang (Nanchang Institute of Technology, China)
Prof. Yongguo Liu (University of Electronic Science and Technology of China, China)
Prof. M.Aramudhan (Perunthalaivar Kamarajar Institute of Engineering and Technology, India)
Prof. Hu, Yu-Chen (Providence University, Taiwan)
Dr. Jorge A. Ruiz-Vanoye (Universidad Juarez Autonoma de Tabasco, Mexico)
Dr. YinYuYu (Hangzhou DianZi University, China)
Prof. Xiaofang Maggie Wang (Villanova University, United States of America)
Prof. Paula Peres (Porto Polytechnic Institute (IPP), Portugal)
Dr. Changjiu Xian (Microsoft Corporation, United States of America)
Prof. Tsung-Chih Lin (Feng-Chia University, Taiwan)
Prof. Sabarimalai Manikandan (Amrita University, India)
Prof. Antonio M. G. Pinheiro (University of Beira Interior, Portugal)
Prof. Chen Liu (Florida International University, United States of America)
Prof. Chunyu Ai (Troy University, United States of America)
Prof. Wen-Yang Lin (National University of Kaohsiung, Taiwan)
Dr. Chuangxia Huang (Changsha University of Science and Technology, China)
Dr. Dongfeng Han (The University of Iowa, United States of America)
Prof. Ladislav Samuelis (Technical University of Kosice, Slovakia)
Prof. Pao-Ann Hsiung (National Chung Cheng University, Taiwan)
Prof. Yi-hua Zhu (Zhejiang University of Technology, China)
Prof. Don-Lin Yang (Feng Chia University, Taiwan)
Prof. S.V.Nagaraj (RMK Engineering College, India)
Prof. Maja Stula (University of Split, Croatia)
Prof. Shifei Ding (China University of Mining and Technology, China)
Prof. Shengyong Chen (Zhejiang University of Technology, China)
Prof. Qingqi Pei (Xidian University, China)
Prof. Sasa Mladenovic (University of Split, Croatia)
Prof. Tinghuai Ma (Nanjing University of Information Science & Technology, China)
Prof. Huapeng Wu (University of Windsor, Canada)
Prof. Austin H. Chen (Tzu Chi University, Taiwan)
Dr. Lei Wang (Hunan University, China)
Prof. Chi-Man Pun (University of Macau, Macao Special Administrative Region of China)
Prof. Naizhang Feng (Harbin Institute of Technology at Weihai, China)
Prof. Hongmei Zhang (Harbin Engineering University, China)
Dr. Lalit Patil (University of Illinois at Urbana-Champaign, United States of America)
Prof. Seung-Joon Seok (Kyungnam University, Republic of Korea)
Dr. Nashwa El-Bendary (Arab Academy for Science, Technology, and Maritime Transport, Egypt)
Dr. Lakshminarayana Sadasivuni (National Institute of Oceanography Regional Centre, Visakhapatnam, India)
Prof. Chao-Tung Yang (Tunghai University, Taiwan)
Prof. FAKHRI (University IBN TOFAIL, Morocco)
Prof. Natarajan Meghanathan (Jackson State University, United States of America)
Dr. Zhou Yong (China University of Mining and Technology, China)
Dr. Tianyong Hao (City University of Hong Kong, Hong Kong Special Administrative Region of China)
Prof. Rui Hou (South-Central University for Nationalities, China)
Dr. Hui Zhao (Shandong University of Technology, China)
Dr. Mohammad Javad Kargar (University of Science and Culture, Iran (Islamic Republic of))
Dr. sunil kumar gupta (Gurdaspur Punjab Technical University, Jalandhar, India)
Prof. Jongwan Kim (DAEGU UNIVERSITY, Republic of Korea)
Dr. Li Xiehua (Hunan University, China)
Prof. Yong-gang Wang (Chang'an University, China)
Dr. Yu Ming (Dalian University of Technology, China)
Dr. Haiyan Luo (Cisco Systems, United States of America)
Prof. Baolin Sun (Hubei University of Economics, China)
Prof. Jicheng Fu (University of Central Oklahoma, United States of America)
Dr. Intisar A.M. Al Sayed (Al Isra University, Jordan)
Dr. Hui Tian (National Huaqiao University, China)
Dr. Md Asri Ngadi (Universiti Teknologi Malaysia, Malaysia)
Dr. DU Hui (Nanjing University of Aeronautics & Astronautics, China)
Prof. Yuancheng LI (North China Electric Power University, China)
Dr. Mayyada Hammoshi (University of Mosul, Oman)
Dr. Rigui Zhou (Director of department of Information Engineering, College of Information Engineering, East China Jiaotong University, China)
Dr. Xilong Qu (Hunan Institute of Engineering, China)
Dr. Yusheng CI (Harbin Institute of Technology, China)
Dr. Su-Qun Cao (Huaiyin Institute of Technology, China)
Prof. Jen-Chih Lin (National Taipei University of Education, Taiwan)
Dr. Kun Gao (Zhejiang Wanli University, China)
Prof. Ji-lin Zhang (Ji-lin Zhang, China)
Prof. Bin Du (Guizhou University, China)
Prof. Wojciech Mazurczyk (Warsaw University of Technology, Institute of Telecommunications, Poland)
Prof. jejun hwang (Wuhan University of Technology, China)
Prof. Alberto Arteta (Technical University of Madrid, Spain)
Prof. THORAT SURYAKANT BABURAO (INSTITUTE OF TECHNOLOGY AND MANAGEMENT AFFILIATED SWAMI RAMANAND TIRTH MARATHWADA UNIVERSITY, Indonesia)
Prof. Zhong Ji (Tianjin University, China)
Prof. Demin Li (Demin Li, China)
Prof. Mei-Ju Su (Mei-Ju Su, Taiwan)
Prof. Hyun-il Lim (Kyungnam University, Republic of Korea)
Prof. Sang-Yong Rhee (Kyungnam University, Republic of Korea)
Dr. Zafar Shahid (Spawn Labs, USA, United States of America)
Prof. Hui Zhang (Pervasive Technology Institute, Indiana University, United States of America)
Prof. Chen-Yuan Chen (National Pingtung University of Education, Taiwan)
Prof. Hongwei Mo (Hongwei Mo, China)
Prof. Defu Zhang (Xiamen University, China)
Prof. Zhimin Gu (Zhimin Gu, China)
Prof. Mu-Song Chen (Mu-Song Chen, Taiwan)
Dr. Juan Antonio Alvarez-Garcia (Juan Antonio Alvarez-Garcia, Spain)
Prof. Tao Wei (Peking University, China)
Prof. Antonio Pescaï (University of Napoli Federico II, Italy)
Dr. Zhi-hui Zhan (Sun Yat-sen University, China)
Prof. luohui (luohui, China)
Prof. Chi-Chang Chen (I-Shou University, Taiwan)
Prof. fengjun shang (Chongqing University of Posts and Telecommunications, China)
Dr. Ronggang Cong (Centre for Environmental and Climate research (CEC), Lund University, Sweden)
Dr. Lois, Y.C. Tang (Lois, Y.C. Tang, Taiwan)
Dr. Sukumar Senthilkumar (Chon Buk National University, India)
Prof. Biju Issac (Teesside University, Middlesbrough, United Kingdom of Great Britain and Northern Ireland)

Technical Editors
Dr. Weirong Jiang (University of Southern California, United States of America)
Dr. Di Wu (Polytechnic Institute of New York University, United States of America)
Dr. Jian HU (Wuhan University of Technology, China)
Dr. Fang Huang (University of Electronic Science and Technology of China (UESTC), China)
Dr. Mehdi Fasanghari (Faculty Member of Iran Telecommunication Research Center (ITRC), Iran (Islamic Republic of))
Dr. Zejun Chen (Chongqing University, China)
Dr. Mehran Nejati (Universiti Sains Malaysia (USM), Malaysia)
Dr. Changjiang zhang (zhejiang normal university, China)
Dr. Fang Huang (University of Electronic Science and Technology of China, China)
Dr. Kieu, The Duc (The University of the West Indies, Trinidad and Tobago, Viet Nam)
Dr. J. Octavio Gutierrez-Garcia (Grenoble Institute of Technology, Mexico)
Prof. Narasimha Rao Vajjhala (University of New York Tirana, United Kingdom of Great Britain and Northern Ireland)
Dr. Debojyoti Mitra (Sir Padampat Singhania University, India)
Dr. Mengyu Qiao (New Mexico Institute of Mining and Technology, United States of America)
Dr. Jingtao Zhou (Northwestern Polytechnical University, China)
Dr. Ardian Ulvan (University of Lampung, Indonesia)
Dr. Risby Mohd Sohaimi (National Defence University, Malaysia)
Dr. Paramjeet Singh (Punjab Technical University, Punjab, India, India)
Dr. Shaveta Rani (Punjab Technical University, India)
Dr. Ming Chen (NetApp Inc., United States of America)
CALL FOR PAPERS

Submission:
Authors are requested to submit their papers using the submission system. Please visit Paper Submission for more information (http://www.aicit.org/ijact/submission_select.html) The authors will receive the review results by one month. Manuscripts submitted to this journal will be deemed as they have not been published and are not under consideration for publication elsewhere. Please visit the journal's site for more information. (http://www.aicit.org/ijact)

Paper Types:
We invite you to submit or a full paper of 8-9 pages.

Format for Body:
- Papers prepared in MS-WORD (doc) formats may be submitted electronically to IJACT web site. In order to submit the paper, you have to be registered in our web site.
- We would recommend the designated format for IJACT.
- Manuscripts submitted to this journal will be deemed as they have not been published and are not under consideration for publication elsewhere.
- Please visit the journal's site for more information. (http://www.aicit.org/ijact)

Scope of the Journal

International Journal of Advancements in Computing Technology (IJACT) is published every month by the AICIT. The goal of the IJACT is to publish peer reviewed original research result-oriented, survey, review, tutorial papers in the fields of

- Computer and wireless networks
- Database and data mining applications
- Software Engineering
- Artificial Intelligence
- Multimedia
- Information Security
- Architecture and operating systems

For more details, see the web site: http://www.aicit.org/ijact/scope.html

Publication and Review Information

Publication: 15th and 30th on Every Month
Review: Generally within 6 weeks (6-8 weeks), by 4-6 reviewers according to the topic
Publication for accepted paper: 2-3 months after completing the publication process by the corresponding author (Please see the publication process at the main menu)
CALL FOR EDITORS

We courteously invite you as an editor of IJACT. We will continue to strengthen IJACT as a helpful research source for scholars, researchers and students. Submit your short bio, photo, background (Educations, Researches), and some information to review. We look forward to your constant support and initiative in improving the quality of IJACT. Keep your eyes to IJACT, and we hope that IJACT will grow into a world-best international journal.

CALL FOR SPECIAL ISSUES

IJACT encourages the submission of collections of papers on topics of interest for the journal. Such Special Issues, introduced by an Editorial by the Guest Editor, will be published in issues containing in additional regular articles.

- Proposals from researchers significantly involved and recognized in their field will be considered.

- Members of the Editorial Board are especially welcome to guest edit a Special Issues/Section.

- Special Issues may originate from a conference or workshop, or may offer a selection of papers devoted to a specialized topic.

- Thus authors may either be invited to contribute, as in the case of selected conference papers, or else may be alerted to the possibility to submit their papers by a Call for Papers, that may also be added to the journal's website.

- The Call for Papers must include a rationale for the Special Section, keywords for relevant topics, and a time schedule for the reviewing process, including a deadline for submission of papers.