

ACT 2011

Accepted Full Paper List

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3	Low Power 8×8 SRAM Design Using Sleepy Keeper Approach	P.V.K Chaitanya ¹ ,Pardeep Jamwal
4	Comparative Analysis of Next Generation Wireless Technologies - WiMax & LTE	J Vijay Franklin,K.Paramasivam
9	Synchronization of Health Informatics with “Aadhaar”(UID: Unique Identification)	Nitin Vohra
12	High gain of LNA at 5.8GHz with Cascode and Cascaded Techniques Using T-Matching Network for Wireless Applications	Ibrahim A.B,Hussain M.N, Othman A.R, Johal.M.S
13	Spectrogram Study of Echo and Reverberation –A Novel Approach to reduce Echo and Reverberation in Room Acoustics	Pushpalatha G S,Shivaputra , Mohan Kumar N
15	Adaptive Handoff Initiation Scheme in Heterogeneous Network	Azita Laily Yusof, Norsuzila Ya’acob, Mohd Tarmizi Ali, Norbaiti Sidi
17	Total Electron Content (TEC) over Equatorial Ionosphere using Virtual Reference Station (VRS) data	N. Ya’acob, A.L.Yusof, N. Sidik, A. Idris , M.T. Ali
21	Speckle Reduction of SAR Images based on Signal Subspace Technique	Norashikin Yahya , Nidal S. Kamel, Aamir S. Malik,
22	Fuzzy determination of the human’s level of psycho-emotional	Nikolay Korenevskiy , Riad AlKasasbeh , Florin Ionescou , Mahdi Alshamasin , Andrew Smith
23	Effect of Glittering and Reflective Objects of Different Colors to the Output Voltage-Distance Characteristics of Sharp GP2D120 IR	M.R. Yaacob, N.S.N. Anwar , A.M. Kassim
24	Partial Shading Detection and MPPT Controller for Total Cross Tied Photovoltaic using ANFIS	Donny Radianto, Dimas Anton ,Asfani, Takashi ,Hiyama, Syafaruddin
27	Chaotic Shuffled Frog Leaping Optimization Algorithm	Vahid Rashtchi, Mahdi Sabouri, Meisam Hatami

28	Optimal Design of Measurement-Type Current Transformer Using Shuffled Frog Leaping Algorithm	Vahid Rashtch , Majid Kazemi , Sasan Beheshti
29	A Bacterial Foraging Algorithm based UPFC controller for damping power system oscillations	S.Jalilzadeh, Y.Pirhayati,A.Bayat
30	Optimal Placement of Distributed Generation Using Shuffled Frog Leaping Algorithm and GA	Saeid jalilzadeh , Mahdi Sabouri, Mohammad Reza Javadi
31	PSS and SVC Controller Design by BFA to Enhance the Power System Stability	Saeid jalilzadeh, Akbar Bayat, Mohammad Reza Safari Tirtashi
33	Parameters Tuning of a PID Controller on a DC Motor Using HBA and GA	Saeid Jalilzadeh , Mahdi Sabouri
34	A 2-tier Data Hiding Technique Using Exploiting Modification Direction Method And Huffman Coding	Ali m-Ahmad, Ghazali Bin Sulong, Mohd. Shafry B. Mohd. Rahim, Saparudin
35	Analysis of Microstrip Patch Antenna Array Integrated With Mushroom- like EBG at 5.8Ghz.	M.N.Md.Tan, T.A.Rahman, S.K.A.Rahim, M.T.Ali, S.Subahir
38	Optimum Design and Analysis of a Hybrid Energy System Using Chaos Optimization Algorithm	Vahid Rashtchi, Ahmad Rohani, Hossein Kord
39	Handover Behaviour of Transparent Relay in WiMAX Networks	Rohaiza Yusoff, Mohd Dani Baba, Muhammad ,Ibrahim, Ruhani Ab Rahman, Naimah Mat Isa
40	Design and Development of Compressed Image Transmission System Using Asymmetric Modulation (HQAM) Over Wireless Channels	Md. Abdul Kader, Farid Ghani, and R. Badlishah
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	Space Optical MIMO Transmission Link Through Atmospheric Turbulence	Majumder
48	Frequency Reconfigurable Quasi-Yagi Microstrip Antenna With Beam Shaping For WiMAX Application	M. T. Ali ,M. Y. Mat Zain, A.L. Yusof, Norsuzila Ya"acob , M.N.M.Tan
56	Using PageRank Algorithm to Improve Coupling Metrics	Cheolhyun Park, Junhee Kim, and Eunseok Lee
57	Using Class Frequency for Improving Centroid-based Text Classification	Verayuth Lertnattee and Chanisara Leuviphan
59	Design and Implementation of Mobile Barcode Application using Multimedia Messaging Service (MMS)	D. Addiati , U.U. ,Sheikh , S.A.R. Abu-Bakar
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85	A Sensor Data Processing System for Mobile Application based Wetland Environment Context-aware	Gwi-Hwan Ji, Joon-Mo Yang, Ryum-Duck Oh
86	USN Smart Safety Control System with Context-Awareness	Jung-Hwan Park , Ryum-Duck Oh ,
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96	Applying Clustering and Association Rule Learning for Finding Patterns in Herbal Formulae	Verayuth Lertnattee , Sinthop Chomya
97	High Level Cognitive Vision for Smart environment using Hand Gesture Recognition	Richa Golash, Chhayarani R Kinkar1, Akhilesh R. Upadhyay
99	Strategy of Energy Efficiency on Clustered Wireless Sensor Networks	Amin Suharjono, Eni DwiWardihani, Sudarmono,Wirawan
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102	Experimental Framework for Mobility Anchor Point Selection Scheme in Hierarchical Mobile IPv6	Mohamad Shanudin Zakaria , Zulkeflee Kusin
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506	Wavelet Neural Network Based GPC For Mobile Robots	Hamid Khodabandehlou , Hossein Ahmadi Noubari , Farzad Rajaei Salmasi
509	Online Identification and Control of Nonlinear Dynamic Time Varying Systems Using Adaptive Matching Pursuit with Wavelet Bases	Hamid Khodabandehlou , Hossein Ahmadi Noubari , Farzad Rajaei Salmasi
510	Wavelet Neural Network Based GPC For Mobile Robots	Hamid Khodabandehlou , Hossein Ahmadi Noubari , Farzad Rajaei Salmasi

512	Institutionalizing Standard Practices for Sustainable Energy Efficiency –Indian Petroleum Industrial Sector	Suman Deb,Arik Paul ,Pankaj Kumar Bhowmik
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Accepted Short Paper List

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18	Proportional-Integral Sliding Mode Control of a Quarter Car Active Suspension System	Yahaya M. Sam , Rozaimi G. , Gigih. P. , Norhazimi H., Rafidah N. , Nur Farahana M.S.
19	Assessing the Use of Similarity Distance Measurement in Shape Recognition	Siti Salwa Salleh, Noor Aznimah Abdul Aziz, Daud Mohamad , Megawati Omar
26	Car plate Segmentation Based on Morphological and Labeling Approach	Seyed Mojtaba Mousavi
37	Simulation of Synchronous Condenser with PSCAD and optimization it with Chaos and Frog-Leaping algorithms	Saeid Jalilzadeh , Mohsen Rezaie , Majid Kazemi
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52	Establishment of IPv6 Network using Tunnelling Mechanism on Intranet Environment	Erman H., Mohd Zaki M., Nazrulazhar B., Mohd Faizal A, Nor Azman M.A., Yahaya A.R.
53	Recognizing P2P Botnets Characteristic Through TCP Distinctive Behaviour	Raihana Syahirah Abdullah, Mohd Zaki Mas'ud, Mohd Faizal Abdollah, Robiah

		Yusof, Siti Rahayu Selamat
55	Data in Application Sharing: An Insights Overview	Suzana Ahmad, Siti Z.Z. Abidin and Nasiroh Omar
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65	MovMe: Personalized Movie Information Retrieval	Hyung W. Kim, Kee J. Han, Min S. Ko, Mun Y. Yi
66	Prospects and Challenges of DAB/DAB+ in Future Radio Broadcasting in Bangladesh	Mohsena Chowdhury, M. Abdul Awal
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81	An Efficient Multicast Routing in Wireless Multi- hop Mesh Networks	Younho Jung, Jaehyung Park, Su-il Choi ¹ , Byung Tak Lee, and Yu Wang
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87	Performance Analysis of MSK-OFDM in Saleh- Valenzuela Channel	Chempaka Mohd Din, Roslina Mohamad, Wahidah Mansor, Nuzli Mohamad Anas
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94	Modeling and Simulation of High Reliable Renewable Energy Based Hybrid Power System	Ch S K B Pradeep Kumar , N Sumathi
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100	Autonomic Computing Framework for Cyber-Physical Systems	Ilsun Hong, Hyunsang Youn, Ingeol Chun,

		Eunseok Lee1
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106	Performance analysis of indirect vector control algorithm for small-sized wind turbine induction generator	N.Rosmin S.J. Watson
501	Software Agents Decision Making Based on Game Theory	Pooja Rani
507	Design and Development of Compressed Image Transmission System Using Asymmetric Modulation (HQAM) Over Wireless Channels	Md. Abdul Kader, Farid Ghani, and R. Badlishah
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16	Development of Infrared Lip Movement Sensor for Spoken Word Recognition	Saranya.S,Deepika Bondalapati
20	Compact and Partially Tunable Tri-Band Bandpass Filter	M. Shafiqur Rahman Tito, Prof. Dr. Md. Ruhul Amin
50	On the Notion of valid Morphological Filters & their Applications	P Srinivasa Rao, Dr M Madhavi Latha
58	Artificial Intelligence	Ashwin kumar V, Tejeswini K
64	Older Opteron Outperforms the Newer Xeon: A Computational Intensive Performance Evaluation of Server Microprocessors	Roshan Weerasuriya
71	The impact of Wiki, Blog, MyGuru (WBM): The Action Research of e-learning environment at UPSI	Hafizul Fahri bin Hanafi, Khairulanuar b. Shamsudin, Norhisham b. Mohamad

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