

Advanced Research in Engineering and Technology 2013

**International Conference on Advanced Research in Engineering
and Technology (ICARET 2013)**

Advances in Engineering and Technology Volume 2

**Andhra Pradesh, India
8-9 February 2013**

ISBN: 978-1-63439-240-2

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2013) by International Technology Innovation
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact International Technology Innovation
at the address below.

International Technology Innovation
24 Flatbush Lane
L7A 2X1, ON, Canada

Phone: +1(416) 671 9413

admin@theiti.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

S.No.	Title of the Manuscript	Page
1.	STAGE DISCHARGE PREDICTION USING RBF AND ELMAN NEURAL NETWORKS <i>Alok Adhikari, Dr K.C.Patra, Dr K.K.Khatua</i>	1-6
2.	Security by Visual Cryptography for MMBS of Wireless Images for ATM banking <i>S.Koteswari, Dr.P.John Paul,S.Indrani</i>	7-11
3.	Voltage Harmonic Reduction Using Current Source Inverter as a Series Active Power Filter <i>S.Pradeepa, K.Uma rao, Ravishankar Deekshit</i>	12-16
4.	IMPROVEMENT ON PHOTOVOLTAIC WATER PUMPING SYSTEM <i>D.Baskar, S. Annadurai, B.vamsikrishna, Gunasekaran.S</i>	17-20
5.	Production of Hydrogen Using Photovoltaic Sea Water Electrolysis and its Applications <i>G.Ramu, P.Ramanathan, S.Prabhakar, S.Premkumar.S</i>	21-24
6.	Intelligent Sun-Tracking System to Maximize the Efficiency of Photovoltaic Energy Production <i>S.S. Prasad.Karamcheti, K.Lingeswaran, M.Gopikrishnan, G.Ramu</i>	25-29
7.	Mitigation of an Inrush Current of Power Transformer by using PWM-Inverter based Series Voltage Compensator <i>Apurva Kulkarni, Vinesh Choudhari, Rupesh Juware, Yogesh Pawar</i>	30-34
8.	WASTE HEAT STORAGE USING PCM <i>Prashanth Devaraj, Vishnu S</i>	35-38
9.	A Key Feature as Text Extraction from E-Video <i>Prof. Kalpana Thakre, Ms. Suvarna Baheti</i>	39-43
10.	Design of A 6-face Microstrip Antenna for Radar Altimeter Application with Improved Bandwidth <i>K. RamaDevi, A. Jhansi Rani, A. Mallikarjuna Prasad</i>	44-48
11.	VOIP and Data storage in wireless GSM modem over MANET area <i>Tamboli Sachin P, Sitendra Tamrakar</i>	49-53
12.	Face Detection Algorithms: A Comparative Study <i>Kapil Kumar Gupta, M. Rizwan Beg, Jitendra Kumar Niranjana</i>	54-58
13.	Security Measurement in Secure Smart Card <i>Rakesh Kumar Jangid, Uma Choudhary, Swapnesh Taterh</i>	59-64
14.	Automatic Face Sketch Generation Based on Image <i>Nandkumar Bansode, P K Sinha</i>	65-68
15.	DESIGN OF K-COMPLEX CLASSIFIER BASED ON UNSUPERVISED NEURAL NETWORKS <i>Mr. V.V. SHETE, Dr. V.D. MYTRI, Dr. D.S.BORMANE,</i>	69-71
16.	A Broad Revision of Energy Tree based Power Aware Routing Protocols in Wireless Sensor Networks <i>M. Viju Prakash, Dr. B. Paramasivan</i>	72-81
17.	A Conceptual Framework to analyze UML notations using SaaS : U-Code Generation <i>R.Lalitha, Dr.B.Latha, Dr.G.Sumathi</i>	82-86
18.	A Parametric Analysis of Project Management Performance to Enhance Software Development Process <i>Shashi Kumar N.R., T.R. Gopalakrishnan Nair, Suma V</i>	87-92
19.	Web Usage Mining and Discovery of Association Rules from Free Log Data <i>Sachin Pardeshi, Tareel Pattewar</i>	93-97

20.	Power Quality Improvement of Radial Distribution System by Optimal Location and Size of Distributed Generator Using Fuzzy Genetic Algorithm <i>S.Chandrashekhhar Reddy, P.V.N.Prasad, A.Jaya Laxmi</i>	98-104
21.	Dynamic Simulation of Induction Motor Drive Using Artificial Intelligent Controller <i>P. M. Menghal, A. Jaya Laxmi</i>	105-111
22.	Trusted Neighbour Identification in Wireless Sensor Networks: Agent based Approach <i>Geetha D. Devanagavi, Nalini N., Rajashekhar C. Biradar</i>	112-117
23.	Average Current Mode Controller applied to Active Clamp Forward Converter with Current Doubler Full-wave Rectifier <i>Ravindra Janga, Sushama Malaji</i>	118-122
24.	Through Estimated Probability, Path Detection Routing in Delay Tolerant Networks <i>Md. Ali Hussain, Rajesh Vemulakonda, Md. Abdul Ahad, K. Satya Rajesh, Syed Umar</i>	123-125
25.	Heart Disease Diagnosis Using Multiple Kohonen Self Organizing Maps <i>Velu C. M. and Kashwan K. R.,</i>	126-130
26.	Safe Ride Using Mobile Camera <i>Arjun Bala, Foram Joshi</i>	131-133
27.	Development of System for Discriminating Neurological Disease Patient's Speech from Normal Speech Using Spectrum, Cepstrum and Pitch Determination Technique. <i>Prof. Syed Mohammad Ali, Dr. Pradeep Tulshiram Karule</i>	134-139
28.	A Novel Attack Model Simulation on LEACH in WSN <i>Meenakshi Tripathi, M.S.Gaur, V.Laxmi</i>	140-143
29.	Implement RI MAC Protocol over MAC Protocol for Wireless Sensor Network <i>Heena Farheen Ansari, Ashish Kumar Srivastava</i>	144-147
30.	High Gain and Wideband Microstrip Antenna using Circular Array of Square Parasitic Patches on a Superstrate Layer <i>Shishir Jagtap, Rajashree Thakare, Rajiv Kumar Gupta, Mahesh Bulhe, Shashikant Jadhav</i>	148-152
31.	High Gain and Wideband Microstrip Antenna using Circular Parasitic Patches on a Superstrate Layer <i>Shishir Jagtap, Rajashree Thakare, Rajiv Kumar Gupta, R. D. Patane, L. K. Ragha</i>	153-156
32.	MSA array fed High Gain Antenna using Circular Parasitic Patches <i>Rajashree Thakare, Shishir Jagtap, Rajiv Kumar Gupta, P. U. Dere</i>	157-160
33.	Generic Multi Document Summarization Based On STARLET Approach <i>Mr. Prashant Jawalkar Prof. Kirti Korabu</i>	161-165
34.	Data Mining Tools Survey <i>Mrs. Saba Siraj, Mr. Ajay Kumar Gupta</i>	166-169
35.	SUSTAINABLE ENERGY EMISSION FROM COLLOIDAL DEPOSITED SURFACE-THERMO CURRENT METHOD (DIRECT GENERATION OF CURRENT FROM HEAT) <i>S. Sharma, C. Shantha Devi, K. Usha</i>	170-173
36.	Perspective Dependent Three Dimensional Path Recognizer <i>Vishwa Manoharan, Prashanth Boovaragavan, Siddharth Ravikumar</i>	174-178
37.	EEG Pattern Analysis using Novel Independent Component Analysis Technique for Brain-Computer Interface System in Epilepsy Treatment <i>Dattaprasad A. Torse, Dr. Sanjay A. Pujari</i>	179-183
38.	Analysing Requirements Engineering process improvement using cost elasticity of Good Practice Guidelines Loss <i>Anurag Shrivastava, Dr. S.P. Tripathi</i>	184-189
39.	Bearing Fault Detection in Induction Motor Using Fast Fourier Transform <i>Akshat Singhal, Meera A. Khandekar</i>	190-194
40.	Development of Web-Eco-AT framework for changing Business Environment <i>Diwakar Yagyasen, Manuj Darbari, Hasan Ahmed</i>	195-200
41.	Analysis of similarity/dissimilarity of DNA sequences based on adjacent nucleotide pair representation <i>Manoj Kumar Gupta, Rajdeep Niyogi, Manoj Misra</i>	201-205

42.	Design and Implementation of Adaptive Automated Home Agro Monitoring System <i>Indu Mandwi, Kalyani Gajbhiye, Sofia Pillai</i>	206-210
43.	An Overview of Dynamic Voltage Restorer-For Power Quality Improvement <i>Mr. Patil Uday T. , Mr. Thorat A. R.,</i>	211-214
44.	A No-Reference Image Blur Metric <i>A. K. Kemalkar, V. K. Bairagi, R. A. Jain, N. G. Shahare, S. H. Barshikar</i>	215-218
45.	Literature Survey on Motion capture Techniques <i>Raju G. Masand Prof. A.N. Bhute</i>	219-223
46.	Optimal Capacitor Placement for Loss Reduction and Voltage Profile Improvement in Distribution System Using Genetic Algorithm <i>S.Chandrashekhara Reddy, P.V.N.Prasad, A.Jaya Laxmi</i>	224-228
47.	AMBIENT RF ENERGY SCAVENGING <i>SAIKRISHNA CHATRATI SUMANTH NAIDU</i>	229-233
48.	Fast Frequency Acquisition Phase Frequency Detector with Minimal Dead Zone for High Frequency Phase Lock Loop <i>Aniruddha C. Kailuke, Pankaj Agrawal, R. V. Kshirsagar</i>	234-237
49.	A Novel Slotted E-Shaped Patch Antenna for WiMax and WLAN Applications <i>Uma Shankar Modani, Gajanand Jagrawal</i>	238-240
50.	Dynamic Ranking of Software Components with an Integrated Classification Scheme <i>P.Niranjan, C.V.Guru Rao</i>	241-245
51.	Available Transfer Capability Computations - A Case Study of Andhra Pradesh State Grid <i>Sunil kumar Chava, P S Subramanyam, J Amarnath</i>	246-250
52.	Secure Bluetooth Extended Personal Area Network <i>Vikas Lanke, Vikas Yelapale, Pankaj Yelapale, Harishchandra Karale</i>	251-254
53.	Analysis of ASE Noise in Erbium Doped Fiber Amplifier (EDFA) For WDM <i>Md Mustafa Kamal, Kamar Iqbal Shahi</i>	255-259
54.	Position Sensorless Control of Permanent Magnet Brushless DC Motor <i>N.Hemalatha, Dr.J.Baskaran</i>	260-264
55.	DEVELOPMENT OF PEDAL OPERATED WATER PUMP <i>Atul P.Ganorkar, K.S.Zakiuddin, H.A.Hussain</i>	265-267
56.	Bidirectional speed control of PMBLDC motor - A Hardware Implementation <i>Mahammadsoaib M. Saiyad,Hitesh K Mehta, M & V Patel</i>	268-272
57.	A Novel on Transductive Decision Tree <i>S.Mohammad.Ghouse, Dr.E.Madhusudhana Reddy,R.Venkata Subbaryudu</i>	273-277
58.	Offline Data Modeling in Software Applications through Smart Clients <i>Jagadish R M, L Swarna Jyothi</i>	278-281
59.	Mesh Analysis Vectors for Routing in Network-On-Chip Architectures <i>T. Praveen Blessington, Dr. B. Bhanu Murthy, Dr. Fazal Noor Basha</i>	282-287
60.	Spyware Solution: Detection of Spyware by Data Mining and Machine Learning Technique <i>Manik k Chavan, Dinesh A Zende</i>	288-292
61.	Search Engine Based Intelligent Help Desk System: iAssist <i>Sahil K. Shah, Prof. Sheetal A. Takale</i>	293-297
62.	Development of Rice Mill using Human Effort <i>M.Sohail Pervez, Dr.Kazi Syed Zakiuddin</i>	298-299
63.	WIGIG: PERFORMANCE ANALYSIS OF 60GHz MILLIMETER WAVE BAND <i>T. Sivaram Prasad, Dr. Habibulla Khan, K.V.V Satyanarayana, Syed Shameem</i>	300-303
64.	A Novel Approach for Extraction of Blood Vessels from Medical Images using Fuzzy Mathematical Morphology and Adaptive Sequential Filtering <i>Sreekala. K, Sreelija V</i>	304-307

65.	MPC based Process Control and System Identification for blending application <i>Rajasekaran.M, Sanika S. Patankar, Jayant V. Kulkarni</i>	308-312
66.	Analysis of Doubly Fed Induction Generator Connected to grid <i>G.Manohar, Rajib Kumar Kar</i>	313-317
67.	An Overview of Data Storage on the Cloud <i>Pragya Jain, Anita Goel, S.C. Gupta</i>	318-322
68.	T-Grid: A Domain based Trusted Grid Model with Purging of Untrustworthy Recommendations <i>P. Suresh Kumar, S. Ramachandram</i>	323-327
69.	An Overview of Detection and Defence Mechanisms for Distributed Denial of Service Attacks <i>Ms.Nikita Bais, Ms.Neha Titarmare, Prof.A.R.Bhagat Patil</i>	328-332
70.	An Improved High Speed FPGA Hardware Design for Edge Detection Algorithm Using XPS in Image Processing Applications <i>Dr.Habibulla Khan, B.Muralikrishna, P.Sujitha, Dr.G.L.Madhumathi</i>	333-336
71.	Performance Analysis of Integrated VANET-LTE Architecture for Wireless Networks <i>V.Devarajan, Dr.R.Gunasundari, D.Megalajothi, T.Uvaraj</i>	337-341
72.	Fuzzy Logic Based Speed Control of Grid Connected Generators in Wind Generation System <i>B.Subhash, P. Mamtha, T. Swetha, K. Dheeraj Kumar, V.Rajagopal</i>	342-346
73.	Video Coding using Finite Automata: a Review <i>Shital R. Ugemuge, Prof. Shailesh D. Kamble</i>	347-350
74.	Study of a Printed U-T shape Monopole Antenna for UWB WPAN-communication <i>P.S.Ashtankar, Dr.C.G.Dethe</i>	351-355
75.	Clustering Uncertain Data using DAGS In UK-Means <i>Aakanksha Dixit, Abhishek Misal</i>	356-360
76.	Distributed Multi Agent Driven Collaborative Filtering Based Recommender Systems <i>B.Raghuram, S.V.Krishnarao, G.Srider</i>	361-364
77.	High speed differential amplifier based comparator for future FPGA/ASIC integrated sigma-delta ADC <i>HarshaVardhini Palagiri, MadhaviLatha Makkena, KrishnaReddyChantigari</i>	365-369
78.	A Study on New Technologies to Reduce Power Consumption <i>Raihan Siddique, Saadmaan Rahman, Mohammed Mizanur Rahman</i>	370-373
79.	A Fuzzy Based Detuning Control Technology for Contactless Charging System of Electric Vehicles <i>Kannan Thirugnanam, Ezhil Reena Joy. T. P, Praveen Kumar</i>	374-379
80.	OSMD: Online Suspicious Message Detection Framework for Instant Messaging Systems <i>Mohammed Mahmood Ali, Mohammed Abdul Rasheed, Dr. Lakshmi Rajamani</i>	380-385
81.	A Novel Fuzzy based Phase Angle Estimation Scheme for Grid Connected Bidirectional Contactless Power Transfer System suitable for EVs and PHEVs <i>Kannan Thirugnanam, Ezhil Reena Joy.T.P, Praveen Kumar</i>	386-391
82.	Empirical Evaluation of Attack Graph used for Network Security <i>Nilima R. Patil, Prof. Nitin N. Patil</i>	392-396
83.	Programmable Digital Vision Processor for Retinal Prosthesis <i>N.Sharmili, P.Seetha Ramaiah, B.Kanta Rao</i>	397-401
84.	Frequency domain rapid signal acquisition scheme for high dopplar DSSS signal realized on FPGA <i>D. Karunakar Reddy, Dr. T. Satya Savithri</i>	402-405
85.	Application of Clonal Selection Algorithm and Its Variant for Solving Single Objective OPF Problems <i>Srinivasa Rao B, Vaisakh K</i>	406-412
86.	Substrate Material Effects on CPW fed double π-Stub Notch band Antenna <i>B.T.P.Madhav, S. S. Mohan Reddy, Bandi Sanjay, K. Naresh Babu</i>	413-416

87.	Integrating Xilinx System Generator Simulink with ISE and HW / SW Co-synthesis using FPGA <i>Dr.G.L.Madhumati, Mr.B.Muralikrishna, Dr. Habibulla Khan</i>	417-420
88.	Findings on Fault Elements in Linear Arrays <i>K.Ch.Sri Kavya, Sarat K Kotamraju, Habibulla Khan</i>	421-423
89.	Development of Contention Window based MIDB algorithm for IEEE 802.11 based Wireless Networks <i>T Madhavi, G Sasi Bhushana Rao, MNVSS Kumar</i>	424-428
90.	A Review on Different Block Matching Motion Estimation Techniques for Fractal Video Compression <i>Ms. S. G. Farkade, Prof. S.D.Kamble</i>	429-433
91.	Personal Approach for Mobile Search <i>Amol D Gaikwad, Rajesh C Dharmik</i>	434-437
92.	Formalization and analysis of Borda protocol using pi calculus <i>Bhakti S.Kurhade, Dr. Manali Kshirsagar</i>	438-442
93.	Comparison between Neural Network Models for Breast Cancer Detection <i>Punam S. Pawar, Dharmaraj R. Patil</i>	443-447
94.	Influence of Spatial Filtering to Increase Transmission Capability in Single Mode Fiber Optic Communications <i>M. Venkata Sudhakar, Dr. Y. Mallikarjuna Reddy, Dr. B. Prabhakara Rao</i>	448-451
95.	A Review on Enhanced Fault Tolerance Mechanism for Wireless Communication <i>Mr. Sadanand S. Patil, Ms. Ketki Khante</i>	452-455
96.	Evaluating the usage of SQUARE methodology by applying to Internet Voting Application <i>P. Salini, S. Kanmani, N. Kirubanandhan</i>	456-459
97.	Frequency Reuse Schemes for Interference Management in LTE Femtocell Networks: Issues and Approaches <i>Anand B. Patel, Prof. Sukant Kumar Chhotaray, Prof. Niteen B. Patel</i>	460-463
98.	Balanced hybrid and Raman and EDFA Configuration for Reduction in Span Length <i>Shantanu Jagdale, Dr.S.B.Deosarkar, Vikas Kaduskar, Savita Kadam</i>	464-468
99.	CLOUD COMPUTING DATA SECURITY WITH KNOWLEDGE DISCOVERY <i>JAVED AKHTAR KHAN, Dr.M.R ALONY</i>	469-473
100.	Capacitive Current Compensation Techniques For Long Transmission Lines - An Overview <i>Mr.Jadhav Nilesh S., Prof. A. R. Thorat,</i>	474-477
101.	FREQUENT PATTERN BASED DENSITY SUBSPACE CLUSTERING <i>Keerti Thakur, Prof. Abhishek Mathur</i>	478-482
102.	Spatial Domain Image Enhancement using Local PAR Model for Noise Suppression in ROI <i>I.Suneetha, Dr.T.Venkateswarlu</i>	483-487
103.	Image Gradient Regression Approach for Face Recognition <i>Ujjawal Jain, Puran Gour</i>	488-491
104.	A Review on Load Balancing on Distribution System <i>Metkari V.T., Thorat A.R</i>	492-495
105.	Frequency Reconfigurable Multiband Microstrip Patch Antenna for Various Wireless Services <i>Uma Shankar Modani, Anubhav Kanwaria</i>	496-500
106.	Analysis of Transformer Oil with the Help of Image Processing <i>Mr. Ashish S. Waychal⁺, Prof. Y.N.Bhosale⁺, Mr. Shrihari Kulkarni</i>	501-504
107.	Technological Advancements and Security Aspects in Cloud Computing Technology <i>Tenali Ravi Kumar, A. Leelavathi, Tadiboina Padmaja, P. Samba Siva Raju</i>	505-509
108.	DESIGN of HIGH SPEED, LOW AREA, CARRY FLOW BCD ADDER in QCA <i>D.Ajitha, K.Venkata Ramanaiah, V.Sumalatha</i>	510-514

109.	Remote Sensing Image Classification based on Clustering Algorithms <i>B.Sai Chandana, M.L.Phanendra, Samuel Wesley Babu, Dr.K.Srinivas, Dr.R.Kiran Kumar</i>	515-520
110.	Servo Control of PMSM Drive with Vector Control Technique <i>AswinUdhaya.R, Sindhu.D, Irusapparajan.G, Madhanakkumar.N, Janarthanan.S</i>	521-525
111.	Review on Various FACTS Devices and Optimal Location Techniques for FACTS Devices in Power System <i>P S. Chindhi, Mr.P.Nayar, Prof.H.T.Jadhav</i>	526-532
112.	Iterative Routing Method for Position Estimation in Wireless Sensor Networks <i>N. Pushpalatha, Dr.B.Anuradha</i>	533-537
113.	Voltage Quality Detection of Micro Turbine Generating Unit Using Wavelet Analysis <i>Gummadi.Srinivasa Rao, Y.P.Obulesh</i>	538-543
114.	Fading Consequences In Wireless communication channels <i>M.Siva Ganga Prasad, P.Siddaiah, L.Pratap Reddy</i>	544-549
115.	Surface Roughness Study on LM6 Al-Alloy: a Taguchi Approach <i>VijayKumar S. Jatti, Ravi Sekhar</i>	550-553
116.	Calculation of Interharmonics in Real Time Using Chroma Programming <i>D. P. Mishra</i>	554-558
117.	Small-Signal Stability of Wind Turbine with the Help of PMSG <i>Nitin Surgonda Patil, Prof.Y.N.Bhosale</i>	559-563
118.	MULTISTAGE GRID CONNECTED INVERTER FOR SOLAR PV BASED SYSTEM <i>Mr. Pharne I.D., Prof. Bhosale Y.N.</i>	564-567
119.	Analysis of PAPR Reduction Schemes in LTE-OFDM System <i>Mangal Singh, Sarat Kumar Patra</i>	568-571
120.	Control and Simulation of Smart Backup System for Photovoltaic Array in matlab/simulink <i>Dileep Kumar, Ramesh Kumar, Neha Gupta, Ashiwani Kumar</i>	572-575
121.	Hardware Implementation of Modified AES with Key Dependent Dynamic S-Box <i>Reshma Nadaf, Veena Desai</i>	576-580
122.	Application of Classical and Fuzzy Logic Controllers for AGC under Deregulated Environment <i>K. Chandra Sekhar, K. Vaisakh</i>	581-587
123.	Design and Optimization of Fractional PID Controller for Higher Order Control System <i>Pritesh Shah, Prof. S D Agashe</i>	588-592
124.	A Five-Level Inverter System for an Open-End Winding Induction Motor Drive <i>G.Sambasiva Rao, K.Chandra Sekhar</i>	593-597
125.	Optimal-AODV: A New Energy Efficient Routing Protocol for Mobile Ad-hoc Networks <i>Anupkumar M Bongale, Nithin N, L. Swarna Jyothi</i>	598-603
126.	Sobel Operator with BayesShrink Wavelet De-Noising for Segmentation of Neurosarcoidosis in Brain MRI Images <i>Nithin N, Anupkumar M Bongale</i>	604-608
127.	Investigation of Electrical Stress in High Voltage IGBT Power Module Using Finite Element Simulations <i>Mihir B. Chaudhari, Prasanta Kundu</i>	609-612
128.	IEEE802.11 Wireless LAN Based Quality of Service (QOS) <i>Ratnesh kumar Shukla, Vivek Sharma, Md Mustafa Kamal, Dr. Maitreyee Dutta</i>	613-618
129.	Role Oriented Testing in GAIA Methodology <i>N.Sivakumar, K.Vivekanandan, S.Gayatri, M.Kanimozhi, D.Rama</i>	619-623
130.	MIMO Channel Modelling Methods: An Overview <i>Diwaker Pant, Abhishek Gupta, Sarbjeet Singh, S.B.L. Sachan</i>	624-628
131.	Cryptographic Techniques for Secure Storage of Data on Cloud <i>Mr. S. B. Pati., Prof. G. A. Patil.</i>	629-632
132.	Piezoelectric Voltage Regulator for Home Appliances <i>Nishant kumar, Vivek Kumar Singh, Samir Kumar jha, Suryawansh Kumar, MD. Monirul Islam</i>	633-637

133.	INTRUSION DETECTION SYSTEM FOR WSN: A REVIEW <i>Umesh Gupta, Gulshan Soni, Nikhil Singh</i>	638-642
134.	Analysis of Modified Substitution Encryption Techniques <i>Gulshan Soni, Umesh Gupta, Nikhil Singh</i>	643-647
135.	Development of Active Noise Control (ANC) System for an Acoustic Duct <i>Venkata Ratnam T, Seetha Ramaiah P</i>	648-651
136.	A Study of Risk and CTP² during Software Development Process <i>Raghavi K Bhujang, Suma. V</i>	652-658
137.	An Improved DTC Strategy for Induction Machine Control Fed By Seven-level Voltage Source Inverter <i>O.Chandra Sekhar, Dr.K.Chandra sekhar</i>	659-663
138.	AN IMPROVED PIPELINING TECHNIQUE FOR WIRELESS MAC PROTOCOL IN WSN <i>S.Koteswararao, M.Sailaja, T.Madhu</i>	664-668
139.	Intelligent Mechatronic Braking System <i>Firoz Syed, Suma lekha.P, Raja Gopal Reddy.Thiyyagura</i>	669-673
140.	Mathematical Modeling for Economic Evaluation of Electric Vehicle to Smart Grid Interaction <i>Himanshu Saini, Kannan Thirugnanam,, Praveen Kumar</i>	674-678
141.	k out of n NonBinary Audio Cryptography Using Polynomial Interpolation <i>Ms. Shubhangi Suryawanshi, Mrs.M.A.Potey</i>	679-683
142.	Electric Potential Comparision along Surface of SiR Insulators Using FEM <i>Mr. G. Satheesh, Dr. B. Basavaraja, Dr. Pradeep M. Nirgude</i>	684-689
143.	Minimization of Voltage Sag/Swell in Distribution System Using Dynamic Voltage Restorer (DVR) <i>Sajid Ali, Yogesh K Chauhan</i>	690-694
144.	Integration of VANET-WiMAX Networks <i>V.Devarajan, Dr.R.Gunasundari, T.Karthik, V.Rajasekaran</i>	695-700
145.	Choice of Wavelet Filters in Image Coding Using WWT Technique <i>P.V.M.Vijayabhaskar, N.R.Raajan, and D.Shrivishwanath</i>	701-705
146.	AMKIS: An Algorithm for Association Mining Kth Itemset Frequent Pattern in Large Databases <i>A.D.N.Sarma, Dr.R.Siva Rama Prasad</i>	706-713
147.	CardiacArrhythmia Prediction Using Fuzzy Classifier <i>Prof. V.S.R.Kumari, Dr. P.Rajesh Kumar</i>	714-719
148.	Evaluation of electrical properties of EPDM based CLD Rubber <i>Bhaskara Raju VVS, Subrahmanyam. T</i>	720-725
149.	Design Secure Object Oriented Software <i>M.U. Bokhari, Mahtab Alam</i>	726-731
150.	Exponential Multiband Serrated Microstrip Antenna on LCP Substrate <i>Sarat K Kotamraju, T.V.Rama Krishna, B.T.P.Madhav, Habibulla Khan, K.V.L.Bhavani</i>	732-736
151.	Preprocessing Web Logs For Web Intrusion Detection <i>Priyanka V. Patil., D. R. Patil.</i>	737-740
152.	Modified Architecture for Interbank network ATM services by using TRANSACTION COUNTER in ATMs <i>Rajesh Vemulakonda, Sudhakar Reddy Narala</i>	741-744
153.	Enhancement of low Intensity Images using new Fuzzy Gaussian Intensification function <i>Monica Singhal, Deepak Gambhir</i>	745-750
154.	Gaussian Fuzzy functions based Blocking Artifacts Removal of DCT Compressed Images: gFAR <i>Preeti Kapoor, Deepak Gambhir</i>	751-756

155.	Recent Advances in Microbend Sensors in Various Applications <i>Joyeeta Singha, Rajkumar Joydev Borah</i>	757-760
156.	Affinity and Tree Diagrams: A Practical Approach to Control Requirement Volatility in Software Projects <i>B.R Shubhamangala, V Suma, L Manjunatha Rao</i>	761-766
157.	ELECTRICAL LOAD FORECASTING USING ARTIFICIAL INTLLIGENCE <i>VINAY KUMAR SINGH, TANVI SOOD, SHILPA THAKUR., ARUN GANGWAR</i>	767-768
158.	High performance pentacene-based organic transistor with HfO₂-Al₂O₃ as dielectrics <i>P.S.Yadav, P.N.Kondekar, J.Singh, D.K.Agrahari</i>	769-772
159.	Spiral shape Dual-Band Slot Antenna for GPS Applications <i>Govardhani Immadi, M. Venkata Narayana, Sarat K Kotamraju, Habibulla Khan, K.Raj kamal</i>	773-776
160.	Private Key Security Using Distributed Approach Along With Deflate <i>Pankaj R. Patil , D. R .Patil</i>	777-782
161.	Effective EV Population Initialization Technique for Genetic Algorithm <i>P. Victer Paul, P. Dhavachelvan, S. Abiramy, R. Baskaran</i>	783-785
162.	An Integrated Support Vector Machine and Quantum Behaved Particle Swarm Optimization Algorithm for Groundwater Level Forecasting <i>Suryanayana Ch., Sudheer Ch., Vazeer Mahmood</i>	786-790
163.	VARIOUS DESIGN ALGORITHMS AND HARD WARE APPROACHES TO DECIMAL FLOATING POINT MULTIPLIERS: A Comparative Analysis <i>G. Sree Lakshmi, Dr. B K Madhavi</i>	791-795
164.	Design of New techniques for Identifying Chronic diseases with Medical images <i>M. Lakshmi Prasad, Nayab Shaik</i>	796-799
165.	Analysis, Design and Fabrication Of Rectangular Micro-strip Patch antenna with 1X4 Array. <i>Mr.K.Phani Srinivas, Mr.DS Ram Kiran, B.Naga Prasana, Mr.B.V.SubbaRao, Dr.Habibulla Khan</i>	800-807
166.	Analysis of Concentric Dipole Ring Arrays for Beamforming Applications <i>K. Kumar Naik, P. Syam Sundar</i>	808-811
167.	Human face tracking using Pose Estimation Algorithms in Augmented Reality <i>Dr.M.Suresh Babu, K.Chandra Sekhar, A.Mahesh Babu</i>	812-819
168.	Study of a Printed U-T shape Monopole Antenna For UWB Systems <i>P.S.Ashtankar, Dr.C.G.Dethe</i>	820-824
169.	Novel Neural Network Model For Surface Roughness And Image Enhancement With DWT. <i>Syed Jahangir Badashah, Dr.P.Subbaiah</i>	825-830
170.	Role of Cloud Computing in Smart Grid <i>Nikhil Mishra, Ankit Dixit, Priyanka Singh, Digvijay Singh, Satyaveer Gupt</i>	831-835
171.	Mathematical Modeling and Simulation of Z-Source DC-DC Converter <i>Shilpa Sarode, S.G. Kadwane</i>	836-840
172.	Power Analysis for Digital Circuits <i>B.K.V.Prasad, P.SatishKumar, B.S.Charles, T.Madhu, T.Prasad</i>	841-846
173.	Fractional Equations of Motion Via Fractional Modeling of Underactuated Robotic Systems <i>Abhaya Pal Singh, Trisha Srivastava, Pallavi Srivastava</i>	847-850
174.	Influence of Scope Creep on Project Success: A Comparative Study between Conventional Approach Verses Agile Approach <i>Suma V, K.Lakshmi Madhuri</i>	851-855
175.	FPGA based image processing with hardware & software codesign for computer screen image processing applications <i>P. Sivarama Prasad, Dr. K. Srinivasa Rao</i>	856-860

176.	Excitation of Triple Coupled Cantilever System Using Optical and Dielectric Gradient Force Actuation Schemes for Mass Sensing Application <i>Nalluri Siddaiah, Hossein Pakdast, .G.Rama Krishna Prasad, Marco Lazzarino, Patcha Satya Srinivas Babu</i>	861-863
177.	Implementation of Firewall to prevent SYN Flood Attack using ARM9 Processor <i>Subba Reddy.Vasipalli, Naveen Kumar.S, Ravi Kumar.M, Murali Krishna.M, Harsha V.N.S</i>	864-868
178.	Compression of Speech Signals using MSVQ and its Enhancement Using Spectral Subtraction & Kalman filter and its performance comparisons <i>M.Suman, Dr.Habibulla Khan, Dr.M. Madhavi Latha, D.Aruna Kumari</i>	869-873
179.	M-ADJACENT PIXEL REPRESENTATION IN RETINAL IMAGES <i>T.Ravi, B.M.S Rani, SK.Ibrahim</i>	874-876
180.	Real Time Monitoring using Surface Electromyography <i>Md. Shafivulla, Vullanki Rajesh, Ch. Raghava Prasad, K. V. V. Kumar, S. Sreedhar Babu</i>	877-881
181.	Fast Bus Transfer in Nuclear Power Plants: A Simulation Case Study <i>K.Raja, K.Yesunadam, K.Lakshmi</i>	882-886
182.	Efficient Utilization of Spectrum in Cognitive Radio Networks <i>Tejaswi A,Radhika G, Dr.Subrahmanyam Kodukula</i>	887-890
183.	Real Time Monitoring using sEMG <i>Md. Shafivulla, Dr. Vullanki Rajesh</i>	891-894
184.	CSSF Miner: A Technique for Mining of Constraint Sequential Patterns from Progressive Database <i>V.Chandra Shekhar Rao, Dr. P.Sammulal</i>	895-903
185.	ADVANCEMENT IN AGRICULTURE AND FOREST THROUGH ROBOTICS <i>N.Chandi Priya, B.Tejaswini, M.Rukmini Tanuja</i>	904-908
186.	FPGA-PSO based Implementation of SHE Technique to Minimize Lower Order of Harmonics in MV Drives <i>Joshi Manohar.V, Sujatha.P, Anjaneyulu.K.S.R</i>	909-915