

## International Conference on Control, Communication and Computing (IC4)

### List of Accepted Papers: IC4-2018

SI No	Paper ID	Author, Title
1	6	Arya S and Dr. Nisha G K. INDIRECT SPACE VECTOR MODULATED MATRIX CONVERTER
2	7	Sreelakshmi K and Rafeeqe P C. An Effective Approach for Detection of Sarcasm in Tweets
3	8	Navya J S, Rajasree S and Ullas B. Non-Invasive fall detection system for Parkinson's disease
4	12	Nayana Rm and Naseer C. A Survey on Dependency Parsers for Indian Languages
5	21	Ruveena Vincent, Devika P V, Rosemin Parackal and Anil J Thomas. A Photovoltaic System with Output Voltage Sensor Based MPPT with combination of SEPIC-CUK Converter
6	22	Mallika M.C., Drisya G V, Anil Kumar K S and Satheesh Kumar K. Effect of white noise on the structural properties of time series-arised networks
7	23	Prem Sankar C, Vinod Chandra S S and Satheesh Kumar K. Dynamics of Sematic Networks of Independence Day Speeches
8	26	Arun Kumar K A. ARM-FPGA Implementation of a partially reconfigurable OFDM-MIMO Phy-link
9	30	Priyanka Nair and Aneesh R P. Non Verbal Behaviour Analysis For Distress Detection
10	31	Theja J Jayan and Aneesh R P. Image Quality Measures Based Face Spoofing Detection Algorithm for Online Social Media
11	33	Athira S C. COMPUTERIZED DETECTION OF MACULAR EDEMA USING OCT IMAGES BASED ON FRACTAL TEXTURE ANALYSIS
12	35	Sudeep Balan, Lajitha C S, Joseph Mathew, Sreedhanya L R and Vijaya Bhaskara Rao S. Design of a Novel IEC 61850 based Merging Unit for Substation Automation
13	40	Anjana R. Fuzzy and PI Based Speed Control of BLDC Motor using Bidirectional Converter for Electric Vehicle Application
14	41	Telagarapu Prabhakar, Balaji Mohanty and K R Anandh. Analysis of Alzheimer Condition in T1-Weighted MR Images using Texture Features and k-NN Classifier
15	42	Viswanath Devan and Chander Ts. Cascaded LQR Control for Missile Roll Autopilot
16	53	Amit Sravan Bora, Rohit Reddy, Srinath Satapathy, Balachander Harinath, Vijendra V, Gaurav Trivedi and Rohit Sinha. Power Efficient Speaker Verification Using Linear Predictive Coding on FPGA
17	58	Nagarajan Sugan, N S Sai Srinivas, Niladri Kar, Lakshmi Sutha Kumar, Malaya Kumar Nath and Aniruddha Kanhe. Performance Comparison of Different Cepstral Coefficients based Features for Recognition of Emotions from Speech Utterance
18	60	Shehin Shams P and Vipin Kumar K S. Impulse Noise Removal From Digital Images By Using Edge Preserved Morphological Mean Filter

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20	64	Suhas B N, Sushen Bhagavat, Vimalanand Vasudevan and Suresh Padmanabhan. Wireless Sensor Networks based Monitoring of Railway Tracks
21	65	Rijo Rajan and Francis M Fernandez. Grid Inertia Based Frequency Regulation Strategy of Photovoltaic Systems Without Energy Storage
22	66	Shanin F and Aneesh Rp. Portable and Centralised E-Health Record System for Patient Monitoring using Internet of Things(IoT)
23	69	Pritam Anand. A Combined Reward-Penalty loss function based Support Vector Machine
24	70	Dileep P, Dibyajyoti Das and Prabin Kumar Bora. Second-Order Cyclostationarity for Blind Symbol Rate Estimation of APSK Signals
25	71	Jooby E and Sreelal S. Secure Separable Reversible Data Hiding in Encrypted JPEG Bitstreams
26	73	Terry Jacob Mathew and Elizabeth Sherly. Analysis of supervised learning techniques for cost effective disease prediction using non-clinical parameters
27	74	Ananthi Govindasamy, Mn Suresh and Sj Thiruvengadan. Interference Cancellation using Autocorrelation Division Multiple Access Filter in MIMO Ad-hoc Networks
28	76	Umesh M, Balakrishnan Shankar, Krishnashree Achuthan and Joshua Freeman. Remote Triggered Single-Axis Solar PV Tracking System With Varying Angle of Incidence
29	79	Nandhu Krishnan S and Preetha Basu. High Efficiency Image Coding Using Iterative Hybrid Filtering
30	80	R Ananthalakshmi Ammal and Vinodchandra Ss. Bio-Inspired Algorithms for Software Defined Network Controllers
31	87	Roshan John and Jibukumar M. G.. Adaptive Network Coding based Cooperative Medium Access for Wireless Networks
32	88	Pavithra T.P. and Rajasree R.. Reversible and Secure False Color Based Image Privacy Protection with Color Palette Generation
33	93	Daniel F Netto, Shony K M and Elizabeth Rose Lalson. An Integrated Approach for Detecting Ransomware Using Static and Dynamic Analysis
34	95	Swathy Mohan V, Asok Kumar A, Dr. Geetha S and Dr. Lal Priya P S. Discrete sliding mode control technique applied to reusable launch vehicle
35	100	Ayishathahira C H, Sreejith Cherikkallil and Raseek C. Combination of Neural Networks and Conditional Random Fields for Efficient Resume Parsing
36	101	Naveen Kumar P, Sravan Kumar K and Rama Naidu K. A Modified Low Complexity Mask Compliant Spectral Precoder for OFDM Based Cognitive Radio

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38	103	Amal Shekhar S, R Balaji and R Jeyanthi. Study of Control Strategies for a Non-linear Benchmark boiler
39	105	Gokul G Kurup, Kavya Js, Sumesh Chandran and Siva Kumar. Computer Aided Detection of Demarcation line/ Ridges in the Retinal Fundus Images of Preterm Infants
40	106	Eby Prasad, Dija S and Dhana Lakshmi M.P. Towards Live Forensic Acquisition & Analysis Of Mac OS Systems
41	110	Farsana F J and Gopakumar K. Key Encapsulation Mechanism based on RSA Public Key Distribution Algorithm in Modified Lorenz Hyperchaotic System
42	111	Aswathy G P and Niyas K Haneefa. Performance Comparison of Parallel Concatenated Gallager Codes with Different Types of Interleavers
43	115	Sandeepa S, Anwer Reyaz and Silpa MI. An Efficient Approach to Recover CCTV Video from Proprietary DVR File System
44	120	Akansha Jain and Sreejith Cherikkallil. Medinsights: Twitter Based Platform for Health Care Analytics
45	121	Navaneeth Krishnan K. Blockchain based security framework for IoT Implementations
46	123	Nayana R M, Rajeev R R and Naseer C. Dependency Parser for Malayalam: A Machine Learning Approach
47	124	J.S Saji Kumar and Elizabeth Sherly. A New Hybrid Algorithm for Tolerating Security Threats in Wireless Sensor Networks
48	125	Sumesh Sankar, Indulal Sreedharan and Lalpriya Ps. Real Time Monitoring and Control of a Hybrid Bicycle- A Fuzzy Sliding Mode Approach
49	127	Jerry Daniel J, Lijo Thomas, Senju Thomas Panicker, Shalu R, Jacob T Mathew and Berlin Vince Joe V S. Safety Alert Systems using Dedicated Short Range Communication for on Road Vehicles
50	130	Nisha Mohan. Demand Side Management for a Household using Resource Scheduling
51	135	Athulya K. Inter Turn Fault Diagnosis in Wound Rotor Induction Machine Using Wavelet Transform
52	136	Anitta Antony and Ahammed Muneer K V. Feature Optimization and Classification of Tumor Grades using MR Images
53	139	Lekshmi M B and Deepthi V R. Spam detection framework for online reviews using Hadoop's computational capability
54	142	Arya Ajay and Heera Karunakaran. Directivity Beam-Width Trade Off and Analysis of Hand Off for High Speed Train Communication

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56	150	Monika Bansal and Harsupreet Kaur. Negative Capacitance Germanium-Double Gate-pFET- A novel device concept for ultra low voltage/low power applications
57	153	Rahul Singhal, Rajesh Kumar and Dr. Satyanarayana Neeli. Receding Horizon Control of Naturally Ventilated Greenhouse with Rooftop Wind Turbine
58	156	Anisha Varghese and Jisha V. R.. Motion Planning and Control of an Autonomous Mobile Robot
59	161	Nibin Bp. SVM Based DTC of Induction Motor with STSC and LMC
60	162	Aashish Nair, Jisha Raj, Ayoob Khan T.E. and Shahul Hameed. A High Speed Radiation-Hardened Latch Using Pull-Up and Pull-Down Networks in 32nm CNTFET Technology
61	165	Jisu Elsa Jacob and Gopakumar K. A review of chaotic analysis of EEG in neurological diseases
62	167	Vipin V, Jaya Krishnaraj and Shyamkumar U. Modelling of Thrust Vector Control System using Adaptive $H_{\infty}$ Filter
63	169	Sanjeev Reddy and Amulya Kumar. Dual band circular polarized wearable antenna for military applications
64	170	Shinimol Salim, Deekshitha G, Anu George and Leena Mary. Automatic Spotting of Vowels, Nasals and Approximants from Speech signals
65	172	N S Sai Srinivas, Sugan Nagarajan, Lakshmi Sutha Kumar, Malaya Kumar Nath and Aniruddha Kanhe. Speaker-Independent Japanese Isolated Word Automatic Speech Recognition System for a Moderate Size Vocabulary using TDRC Features
66	174	Sree Lakshmi Gundebommu. Performance Comparison of Multi-level Diode Clamped Inverter fed Surface Mounted PMSM Drive
67	184	Aswin Babu Karuvally, Basith Hameem, Ann Jerin Sundar and John Prakash Joseph. Enhancing performance and reliability of Network File System
68	185	Akshay Vijayan, Janmasree S, Keerthana C and Baby Syla L. A Framework for Intelligent Learning Assistant Platform based on Cognitive Computing for Children with Autism Spectrum Disorder
69	186	Shankar S S and Pratheesh H. Burning Zone Temperature Estimation of Rotary Kiln using Flame Image Analysis in Cement Plants
70	187	Lakshmy G S and Dr. Sheeba O. CIRCULAR PATCH ANTENNA WITH ASYMMETRICAL E- SHAPED SLOT FOR WIDEBAND APPLICATIONS
71	188	Vishnu Srivastava. Design of a 0.22THz, 100W Planar TWT for UWB Wireless Communication
72	191	Nija Indra and Jyothi R L. Accurate and Automatic Detection and Classification of Plant Leaf Diseases

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74	193	Sridher T, Sarma A.D., Koteswara Rao N V, Naveen Kumar P and Tarun Kumar Pant. Indoor Propagation of IRNSS Signals: Preliminary Results
75	194	Neena Raj N R and Dr. Shreelekshmi R. Blockwise Fragile Watermarking Schemes for Tamper Localization in Digital Images
76	195	Jyothish M R. Load Sharing Control and Circulating Current Minimization Of Parallel DC-DC Converters Based On Droop Index
77	196	Aswathy M R and P.C Reghuraj. Eigen-Analysis-based Document Summarization
78	197	Arya K, Dr. Mini V P, Dr. Mayadevi N and Harikumar R. Power Quality Enhancement of VSI Fed Induction Motor Drive
79	198	Gourikrishna and Prof. Bindu V.R.. PWM DIRECT TORQUE CONTROL OF INDUCTION MOTOR DRIVE WITH REDUCED TORQUE RIPPLE
80	199	Vishnu Narayanan P M, Anu G and Mini V P. Design, Development and Performace Analysis of Homopolar Inductor Pulsed Alternator
81	201	Surya Cherian, Suresh Kumar and Sujithamol S. PERFORMANCE ENHANCEMENT OF CONTENT ADDRESSABLE MEMORY WITH PRECHARGE FREE TECHNIQUE
82	203	Syam Ms, Rukhsana Ruby, Che Yueling and Kaishun Wu. Sum Throughput Maximization of Multi-User WPCN using Geometric Programming
83	204	Anju Sudhakaran and Manju Manuel. High-Quality Image Scaling Using V-Model
84	205	Aathira Rajeev and Nandakumar M. Mitigation of Low Frequency Oscillations in Two Area System using STATCOM with PODC
85	207	Hari V, Savier J S and Deepa S Kumar. Phasor Measurement Based Fault Detection And Blocking/De-blocking of Distance Relay Under Power Swing
86	209	Arathi T O and Dr. Reji P. IGBT based bridge type fault current limiter
87	210	Dany Jennez, Selvaraaj M and Letha Kumari R. Low Cost Satellite Constellation Design using Walker's Method for a Specified Launch Station
88	212	Arathy Ajit, Anu George and Leena Mary. I-VECTORS FOR FORENSIC AUTOMATIC SPEAKER RECOGNITION
89	214	Nimmy Krishnan and Salim A. Machine Learning Based Intrusion Detection for Virtualized Infrastructures
90	215	Sandeep Sasidharan, Gaurava Deep Srivastava and Rajendrakumar D. Kulkarni. DESIGN AND SIMULATION OF MICROCONTROLLER BASED POWER ELECTRONIC CONVERTER FOR NUCLEAR RESEARCH APPLICATION

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92	218	Sabarinath Mohandas and Firstname Lastname. A.I for Games with High Branching Factor
93	221	Hari Krishnan and Preethi L. Fault-Tolerant Routing with minimum delay for Mesh Architecture
94	224	Merlin Ponnachan and Anas A S. Reconfigurable Radix 2 <sup>2</sup> FFT Architecture for OFDM Applications
95	225	Arjun M and Zubin J B. ARTIFICIAL NEURAL NETWORK BASED HYBRID MPPT FOR PHOTOVOLTAIC MODULES
96	226	Arjun Divakar and Dr. Bisharath Beevi A. Comparative Study of MPPT Algorithms with Adaptive single sensor based MPPT for Standalone PV Systems
97	227	Sreejith S and Raveendranathan K C. Simulation of MIMO System with 2-D and 3-D Optical Orthogonal Codes using MATLAB and OptiSystem
98	233	Pheba Mary Varghese and Lal Priya P S. Robust Control of a Dimensionless Dual Axis MEMS Vibratory Gyroscope- A Sliding Mode Approach
99	234	Geethu Boban Thadathil, Rajeev U P and Lal Priya P S. Orbit Transfer Guidance using Feedback Linearization
100	235	Priya Poulouse and Sreejaya P. Indoor Light Harvesting Using Dye Sensitized Solar Cell
101	236	Kamala Devi V and Bisharathu Beevi A. Power Management in Single Phase Solar Roof Top Installations
102	237	Shruti Prins, Dr.Mini V P, Dr.Mayadevi N and Prof.Harikumar R. DETECTION OF BROKEN ROTOR BARS USING MULTILEVEL WAVELET DECOMPOSITION