# 2018 Conference on Information and Communication Technology (CICT 2018)

Jabalpur, India 26-28 October 2018



IEEE Catalog Number: ISBN:

CFP18M06-POD 978-1-5386-8216-6

#### **Copyright © 2018 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved**

*Copyright and Reprint Permissions*: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

## \*\*\* This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

IEEE Catalog Number:	CFP18M06-POD
ISBN (Print-On-Demand):	978-1-5386-8216-6
ISBN (Online):	978-1-5386-8215-9

#### 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) 758-2633 E-mail: curran@proceedings.com Web: www.proceedings.com



#### 2018 CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGY (CICT'18) October 26-28, 2018 PDPM-IIITDM Jabalpur, India

#### **MANUSCRIPTS**

#### WEATHING CHERT

Paper ID	Title
9	Tracking Vehicle and Faces: Towards Socialistic Assessment of Human
	Behaviour
12	Double Strained Channel MOSFET: Deep Into Sub-Microns
13	Analyzing Code Smell Removal Sequences for Enhanced Software Maintainability
14	Least Square Intra-Prediction Mode Prediction Based Video Compression
16	A Comparative Study of Some Well Known Image Registration Techniques
17	Network Dominating Attack Detection and Recovery
18	Extraction of Maximum Secret Information Hidden in Approximate Band of Haar
	Wavelet Transform of an Image
19	Hiding the Secret Image Using Two Cover Images for Enhancing the Robustness
	of the Stego Image Using Haar DWT and LSB Techniques
22	Knowledge Engineering Perspective of Video Compression
23	Performance evaluation of an energy efficient clustering algorithm based on
	heterogeneous node deployment in a wireless sensor network
24	Spam Email Detection using ID3 Algorithm and Hidden Markov Model
26	CHGR: Captcha generation using Hand Gesture Recognition
36	Physical Layer Security for Cooperative Vehicular Amplify-and-Forward Relay
	Networks
37	Secrecy Performance of Cellular Multiuser Two-Way Decode-and-Forward Relay
	Networks
39	Smart Antenna with Dynamic Radiation Pattern Capability for 4G Applications
41	Fractal on Hemispherical DRA by Descarte's Circle Theorem for wide-band
	application
42	Weed detection in farm crops using parallel image processing
45	IRSC: Integrated automated Review mining System using virtual machines in
	Cloud environment
46	Investigation on Tetrahedral DRA with loaded monopole for ultra-wideband
	application
47	Design of 32 bit Asynchronous RISC CPU Using Micropipeline
48	A 3.3dB Noise Figure,60-mW CMOS Receiver Front End for 865-867 MHz Band
59	A vehicle number plate recognition system using region-of-interest based
	filtering method
62	A Compact High Gain Partial Ground Plane Monopole Antenna For WLAN
	Application
63	Real Time Water Quality Analysis Framework using Monitoring and Prediction
	Mechanisms
64	Machine Learning based Joint Torque calculations of Industrial Robots
65	Face Hallucination Techniques: A Survey

66	Reinforcement Learning for Robots with special reference to the Inverse
	kinematics solution
67	Modified Path Measure to Assess Sentence Similarity
68	Analysis of Crosstalk Performance and its Reduction Amount in Single-mode
	Homogeneous Trench-assisted Multicore Fiber
69	Design strategies for two-core uncoupled multicore fiber for crosstalk analysis
72	Drishtikon: An advanced navigational aid system for visually impaired people
73	HAUAR: Home Automation Using Action Recognition
75	Analysis of Coupling Effect in Coupled SOI Rib Waveguide for Different Polarization Mode
78	Facial Expression Detection and Recognition using Geometry Maps
79	Twitter Sentiment Analysis using Dynamic Vocabulary
80	Handwritten Text Recognition in Bank Cheques
81	Computational Model for Human Decision Making: A Study of Prospect Theory
82	Mode Analysis of Hybrid Metal-Insulator-Metal Multilayer Plasmonic Waveguide
83	Energy Harvesting, Hybrid, Cooperative Wireless System Modeling and Outage
	Performance Analysis
84	An Improved SVD based Image Compression
85	A Critical Review of Wireless Health Monitoring Devices
86	A Frequency Reconfigurable Mobile Handset Antenna for 4G & Pre-5G
	Technology
87	An Improved Illumination Invariant Face Recognition Based on Gabor Wavelet
	Transform
88	Determining ``OFF'' Time Duration of FPGA based GPS Tracking System
89	A Congestion-Aware Routing Protocol for Voluminous Data Collection in
	Wireless Sensor Networks
90	Homomorphically Rectified Tile-wise Equalized Adaptive Gamma Correction for
	Histopathological Color Image Enhancement
91	A blind and secured image watermarking method using DWT-DCT
93	Drowsiness detection using electroencephalogram signals rhythms
95	Low Rank Representation based Discriminative Multi Manifold Analysis For
	Low-Resolution Face Recognition
96	Underwater Wireless Sensor Networks: A Comprehensive Survey of Routing
	Protocols
97	A Vector-based EEG Signal Feature Extraction Technique for BCI Applications
98	Power Optimization of Cell Free massive MIMO with Zero-forcing Beam Forming
	Technique
99	Localization of sensors in WSN during Emergency Services (LSWES)
100	Enhanced EECP: Enhanced Energy Efficient Coverage Preserving Protocol for
	Heterogeneous Wireless Sensor Networks
101	ANN-Cuckoo Optimization Technique to Predict Software Cost Estimation
102	Path Planning for Direct Energy Deposition with Collaborative Robots: A Review
104	DCR-HMM: Depression detection based on Content Rating using Hidden Markov
	Model
105	Prey Phase based Grey Wolf Optimizer

### CICT'2018 | OCTOBER 26-28, 2018 | PDPM IIITDM JABALPUR

107	ECTX-CoAP : An Enhanced Context-Aware CoAP Extension for Smart Objects Discovery in Internet of Things
108	A Novel Algorithm for DoS and DDoS attack detection in Internet Of Things
109	An Approach for Improving Performance of Underlay D2D Communication
110	EMAEER: Enhanced Mobility Aware Energy Efficient Routing Protocol for
	Internet of Things
111	An improved Binary Particle Swarm Optimization (iBPSO) for Gene Selection and
	Cancer Classification using DNA Microarrays
115	Efficient Neural Network Based Principal Component Analysis Algorithm
117	V-SIN: Visual Saliency detection in noisy Images using convolutional neural
	Network
118	SOD-CHIEF: Saliency Object Detection using Convex Hull with multI-scale Energy
110	Functions
119	STAR: rating of reviewS by exploiting variation in emoTions using trAnsfer leaRning framework
121	A Neural Network approach to Decision Fusion for Wideband Cooperative
	Sensing
123	Detection of facial parts in kinship verification based on edge information
124	Energy Detection Spectrum Sensing on RTL-SDR based IoT Platform
125	A Deep Convolutional Neural Network for Interrelationship Identification
	between Humans from Images
127	Analysis of Border Gateway Protocol (BGP) with improvement in Byzantine
	Robustness
129	Non Intrusive Load Monitoring and Load Disaggregation using Transient Data
	Analysis
132	Bidimensional Empirical Mode Decomposition based Intrinsically Augmented
	Gamma Correction for Quality Restoration of Textural Images
133	FPGA Implementation of Zero Frequency Filter
136	Tackling Toxic Online Communication with Recurrent Capsule Networks
138	Spectrum Sensing using Windowed Kurtosis for Cognitive Radios
139	ResNet Convolution Neural Network Based Hyperspectral Imagery Classification
140	for Accurate Cancerous Region Detection
140	Optic Disc Segmentation using Vessel In-painting and Random Walk Algorithm
141	Glioma identification from brain MRI using superpixels and fuzzy c-means clustering
143	An Efficient Application of Satellite Image for Biochemical Parameters Study in
	Sugarcane Crop

" ŸŸ¥¥¥ªš‴\$š¬;®