2015 IEEE International Conference on Engineering and Technology (ICETECH 2015)

Coimbatore, India 20 March 2015



IEEE Catalog Number: ISBN:

CFP15B53-POD 978-1-4799-1855-3

INDEX

S.No	Paper Title	Page No.
1	Secure Continuous Aggregation and Load Balancing with False Temporal Pattern Identification for Wireless Sensor Networks	1
2	Intrusion Detection System using Bagging Ensemble Selection	4
3	Face image CAPTCHA Generation using Particle Swarm Optimization Approach	8
4	Avoiding Honeypot Detection in Peer-to-Peer Botnets	13
5	Dual Steganography for Hiding Text in Video by Linked List Method	20
6	Faculty Performance Evaluation Based on Prediction in Distributed Data Mining	25
7	Fingerprint matching and similarity checking system using minutiae based technique	30
8	Classification of Acute Myelogenous Leukemia in Blood Microscopic Images using Supervised Classifier	34
9	Extraction of Text From Videos Based on Layered Method	39
10	Secure Image Transmission using Visual Cryptography Scheme without Changing the color of the Image	42
11	An Effective Approach for Human Activity Recognition on Smartphone	45
12	Data Mining Techniques for Predicting Student Performance	48
13	Analyzing the performance and Security by using SHA3 in WEP	51
14	A Back-Propagation Through Time Based Recurrent Neural Network Approach for Classification Of Cognitive EEG States	55
15	Mining E-Commerce Feedback Comments for Trust Evaluation	60
16	PAP Smear Image Analysis for Cervical Cancer Detection	65
17	An Automated MRI Brain Image Segmentation and Tumour Detection using SOM-Clustering and Proximal Support Vector Machine Classifier	69
18	Automated Tuberculosis Screening using Zeihl Neelson Image	75
19	A Comparative View on Received Signal Strength (RSS) Based location Estimation in WSN	79
20	Cache Maintenance using Distributed Cache Invalidation Method and Time to Live mechanism in Wireless Mobile Network	86
21	privacy preserving revocation update protocol for group signature in cloud	90
22	Improved Classification Techniques by Combining KNN and Random Forest with Naive Bayesian Classifier	95
23	Novel Video Camera Authentication Based on Clustered Peak to Correlation Energy and Sensor Pattern Noise	99
24	Background Removal by Modified Fuzzy C Means Clustering Algorithm	104
25	Impact of Mobility in Heterogeneous Resource Allocations for LTE based Femtocell Networks	107
26	Computational Intelligence Technique for early Diagnosis of Heart Disease	112
27	Bengali Handwritten Numeric Character Recognition using Denoising Auto encoders	118

INDEX

28	Speech Emotion Recognition using Deep Dropout Auto encoders	124
29	Zone Based Gateway Patrolling in Wireless Sensor Networks	130
30	Scalable Load Balancing using Enhanced Server Health Monitoring and Admission Control	136
31	Online shopping using tagging	140
32	A Cloud Based Model for Deduplication of large Data	145
33	Quantized Table Based Data Hiding for Concealing Data in Images	149
34	Analyzing Image Compression with Efficient Transforms and Multistage Vector Quantization using radial Basis Function Neural Network	154
35	Analysis of hybrid cloud approach for private cloud in the deduplication mechanism	160
36	A Combined Effect of Local and Global Method for Contrast image Enhancement	163
37	Analytics as a Service Delivery Model for Cloud	168
38	An Empirical Analysis of Decision Tree Algorithms: Modeling Hepatitis Data	173
39	High Speed Low Energy Cam Design using Reordered Overlapping	177
40	The Acnes of recycling precinct are monitoring through wireless platform	181
41	Ultra Compact Photonic Crystal Based Sensor for Detecting Bioterrorism	186
42	Intellectual Method of guiding Mobile Robot Navigation using Reinforcement Learning Algorithm	189
43	Miniaturization Of UWB Antenna for Satellite Applications with Dual Notch Bands	193
44	Detection of Abnormal Blood Vessels in Diabetic Retinopathy Based on Brightness Variations in SDOCT Retinal Images	196
45	Economic Dispatch Considering valve Point Effects using Modified Teaching Learning based Optimization	200
46	Modeling and Control of Joint Angles of a Biped Robot Leg using PID Controllers	206
47	Implementation of S-Box for Advanced Encryption Standard	211
48	Design of Orthotic Assistive Exoskeleton for Human Hand	216
49	Real Time Secured Transmission of Biosignal using Chaotic Communication System	222