



International Conference on Advances in Computational Intelligence in Communication CIC 2016

Pondicherry Engineering College - Puducherry

CONFERENCE VENUE: HOTEL ACCORD, PUDUCHERRY

PAPER PRESENTATION SCHEDULE

TRACK 1

October 19th
2016

2.00 : 5.00 PM

COMPUTATIONAL INTELLIGENCE IN SIGNAL & IMAGE PROCESSING

Venue - Crystal Hall - I

PAPER ID	PAPER TITLE	AUTHOR
15	Analytical Framework for Identification of Outliers For Unscripted Video.	Madhu Chandra and Sreerama Reddy, MS Engineering College, Bangalore, VTU, Belagavi.
24	Image Steganography With Huffman Encoding.	Navya Vuppalapati, TVS Gowtham Prasad and Maheswari Cheekati, SVEC Tirupati, A.P.
27	Secure Image Transmission Based on Pixel Integration Technique.	A.D Senthil Kumar and T.S Anandhi, Annamalai University Chidambaram.
60	Recognition of Gait In Arbitrary Views Using Model Free Methods.	Shafiyabanu M, Sivarathinabala M and Abirami S, Anna University, Chennai.
67	Study on Watermarking Effect on Different Sub Band in Joint DWT-DCT based Watermarking Scheme.	Mohiul Islam, Amarjit Roy and Rabul Hussain Laskar, National Institute of Technology Silchar, Assam.
70	Image Denoising Using Hybrid of Bilateral Filter and Histogram based Multi-Thresholding With Optimization Technique for WSN.	H. Rekha And Samundiswary Punniakodi, Pondicherry University, Pondicherry.
86	Chaos Based Study on Association of Color With Music In the Perspective of Cross-Modal Bias of the Brain.	Chandrima Roy, Souparno Roy and Dipak Ghosh, Heritage Institute of Technology, Kolkata.
99	Estimation of Visual Focus of Attention from Head Orientations.	Viswanath K Reddy, M.S. Ramaiah University of Applied Sciences, Bangalore.

107	Face Recognition Under Varying Blur, Illumination and Expression in an Unconstrained Environment.	Anubha Pearline , Madras Institute of Technology, Chennai.
112	Segmentation Based Security Enhancement for Medical Images.	Vallathan Govindu, Balachandran K and Jayanthi K , Pondicherry Engineering College, Pondicherry.
117	Efficient Stereoscopic 3D Video Transmission over Multiple Network Path	Vishwa Kiran, Raghuram S, Thriveni J and Venugopal K R , University Visvesvaraya College of Engineering Bengaluru.
130	Speaker Dependent Speech Feature Based Performance Evaluation of Emotional Speech For Indian Native Language	Shiva Prasad, Kodanada Ramaiah G N And Manjunatha M B , Jain University, Bengaluru.
131	Formant Frequency Based Analysis of English Vowels for Various Indian Speakers at Different Conditions Using LPC & Default AR Modeling.	Anilkumar C, Manjunatha M B and Kodandaramaiah G N. , Jain University, Bengaluru.
139	A Study of Various Approaches for Enhancement Of Foggy/Hazy Images	Nandini B.M, Dr.Narasimha Kaulgud and Mohanesh B.M. , National Institute of Engineering, Mysuru, Karnataka.
141	Benchmark and Result Analysis of 3D Reconstruction With Structured Light Scanning	B.Bhuvaneshwari Suresh and A.Rajeswari, Coimbatore Institute of Technology, Coimbatore.

October 19 th 2016 2.00 : 5.00 PM	TRACK 2 COMPUTATIONAL METHODS IN BIOSIGNAL PROCESSING FOR TELEMEDICINE Venue - Crystal Hall - II	
PAPER ID	PAPER TITLE	AUTHOR
4	Modified Local Gradient Pattern based Computation Analysis for the Classification of Mammogram	Narain Ponraj, Poongodi Ravikumar and Merlin Mercy, Karunya University KCESKCT.
9	Study on the use of Multi Frequency Bioelectrical Impedance for Classification of Risk of Dengue Fever in Indian Children	Neelamegam Devarasu and Gnanou Florence Sudha, Pondicherry Engineering College, Puducherry.
14	Automatic Assessment of Non-Proliferative Diabetic Retinopathy Using Modified ABC Algorithm With Feedforward Neural Network.	Vaishnavi J, Ravi Subban, Anousouya M and Punitha Stephen, Pondicherry University, Pondicherry.

21	An Effective Liver Cancer Diagnosis Technique Through Multi – Temporal Fusion and Decorrelation Stretching	Lakshmi Priya, Joshi Adaikalamarie And K. Jayanthi, Pondicherry Engineering College, Pondicherry.
26	Detection of Microcalcifications in Digital Mammograms using Fuzzy Euler Graph Segmentation Method	Saraswathi D and Srinivasan E, Manakula Vinayagar Institute of Technology, Puducherry
56	Non-Invasive Measurement of Cholesterol Levels using Eye Image Analysis	Mahesh Kumar S.V, Gunasundari R And Ezhilvathani N, Pondicherry Engineering College
83	Neural Based Non-Invasive Diagnosis and Classification of Sepsis	Sandalakshmi Rajendiran, Rajagopalan P, Ajai Karan B And Rajarajan G, Pondicherry Engineering College
93	An Efficient Noise Cancellation Technique Suitable for Auscultation	Prashanth.B.S B S and K.Jayanthi K, Pondicherry Engineering College
108	Chaotic Cuckoo Search and Kapur/Tsallis Approach In Segmentation of T.Cruzi from Thin Blood Smear Images	V Shanjita Lakshmi, Shiffani G. Tebby, D Shriranjani and V Rajinikanth, St. Joseph's College of Engineering, Chennai.
109	Evaluation Of Hypotension Using Wavelet and Time Frequency Analysis of Photoplethysmography (PPG) Signal	Remya Raj, Selvakumar J and Anburajan M, SRM University Kattankulathur, Chennai, Tamil Nadu.
110	Non-Invasive Cuffless Diagnosis of Hypertension Using Dynamic Thermal Imaging Features.	Jayanthi T and Anburajan M, SRM University, Tamil Nadu .
134	Classification of Abnormal Breast Neoplasm From Mammogram.	Angeline Kirubha and Anburajan M, SRM University, Tamil Nadu.
140	Detection of Diabetic Retinopathy Based on Image Classification Algorithms	Vaishnavi J, Ravi Subban, Anousouya Devi M and Punitha Stephen, Pondicherry University, Pondicherry.

October 20th
2016

10.30 : 1.00
PM

**TRACK 3
SESSION - I**

**COMPUTATIONAL INTELLIGENCE IN WIRELESS
COMMUNICATION**

Venue - Crystal Hall -I

PAPER ID	PAPER TITLE	AUTHOR
17	Design of Cooperative Spectrum Sensing Based Spectrum Access In CR Networks Using Game Theory.	Lavanya Shanmugavel, Fenila Janet and M.A Bhagyaveni, CEG, Anna University , Chennai
22	An Intelligent Cognitive Radio Receiver for Future Trend Wireless Applications	Venkata Subbarao Mandava and P. Samundiswary, Pondicherry University, Pondicherry.
31	Vehicular Ad Hoc Networks: New Challenges In Carpooling and Parking Services	Amit Tyagi and Sreenath Niladhuri, Pondicherry Engineering College, Puducherry.
36	Efficient Energy Utilisation in Zigbee WDSN using Clustering Protocol and RSSI Algorithm	Maria Brigitta and Samundiswary Punniakodi, Pondicherry University Puducherry
37	Prediction of Spacecraft Position By Particle Filter Based GPS/INS Integrated System	R Vijayanandh, M Senthil Kumar, Raj Kumar G and Samyuktha Soundararaj, Kumaraguru College of Technology, Coimbatore, Tamil Nadu
41	Design and Development of Reconfigurable Microstrip Patch Antenna for Secure Communication	Yathavi T and Uma Maheswari S , Coimbatore Institute of Technology, Coimbatore
68	Dynamic Application Centric Resource Provisioning Algorithm for Wireless Broadband Interworking Network	Kokila S and Sivaradje G, Pondicherry Engineering College Puducherry
69	RSSI Based Tree Climbing Mechanism for Dynamic Path Planning In WSN	P. Thilagavathi and J. Martin Leo Manickam , Jerusalem college of Engineering, Chennai
73	Conductor Backed CPW Fed Slot Antenna for LTE Application	Saranya M, Robinson S and Gulfa Rani, Mount Zion College of Engineering and Technology, Pudukkottai
74	Power Optimized and Low Noise Tunable BPF using CMOS Active Inductors for RF Applications	Akondi Narayana Kiran and Padavala Akhendra Kumar, Shri Vishnu Engineering College for Women, Bhimavaram

76	Butterfly Shaped Microstrip Patch Antenna with Probe Feed for Space Applications	Deepanshu Kaushal and T. Shanmuganatham, Pondicherry University, Puducherry
78	Primary User Emulation Attack Analysis For Filter Bank Based Spectrum Sensing Technique In Cognitive Radio Networks	Sabiq PV and Saraswady D, Pondicherry Engineering College Puducherry
85	Ant Colony Multicast Routing For Delay Tolerant Networks	Haripriya E and Valluvan K.R, J.K.K.Nataraja College of Arts & Science, Namakkal, TamilNadu
87	An Energy-Efficient Key Management Scheme Using Trust Model For Wireless Sensor Network	Raja Periyasamy and Karthikeyan E, Sri Manakula Vinayagar Engineering College, Pondicherry
88	Power Efficiency Analysis of Four State Markov Model Based DRX Mechanism with OTSC Ratio for Long Term Evolution User Equipment	Vassoudevan Ramachandran and Samundiswary Punniakodi, Pondicherry University, Puducherry

<p>October 20th 2016</p> <p>10.30 : 1.00 PM</p>	<p>TRACK 4</p> <p>COMPUTATIONAL INTELLIGENCE METHODOLOGIES</p> <p>Venue - Crystal Hall -II</p>	
PAPER ID	PAPER TITLE	AUTHOR
44	Context Aware Web Service Discovery Optimization Based on Chameleon Inspired Algorithm.	Amirthasaravanan Arivunambi, Paul Rodrigues and Sudhesh R, University College of Engineering, Villupuram, Tamilnadu.
77	Ontomd: Ontology based Multidimensional Schema Design Approach.	Thenmozhi Muruganandam and Ezhilarasi P, Pondicherry Engineering College, Puducherry.
95	Various Computing Models in Hadoop Ecosystem Along with the Perspective of Analytics using R and Machine Learning.	Umapavan Kumar and Lakshma Reddy Pondicherry Engineering College, Pondicherry.
114	CRNN: Captcha Recognition using Neural Network	Umadevi K S and Dharmendra Singh Chandel, VIT University Vellore.
115	Using Semantic Fields for Generating Research Paper Summaries	Agasta Adline A L, Mahalakshmi G.S., Harish M and S Sendhilkumar, Easwari Engineering College, Chennai.
119	Emotion Recognition from Poems by Maximum Posterior Probability.	Sreeja PS and GS Mahalakshmi, Anna University Chennai.

133	Fast and Enhanced Algorithms For Dynamic Dataset	Kavitha Kumar R and Jayabharathy J, Pondicherry Engineering College, Pondicherry.
136	Effective OE Position-Wise Mutation Technique for Permutation Encoded Genetic Algorithm to Solve School Bus Routing Problem : MTSP Approach	Lakshmi Ramasami, Pondicherry University, Puducherry.
142	Two Run Morphological Analysis for Pos Tagging of Untagged Words	Betina Antony and G S Mahalakshmi, College of Engineering Guindy, Anna University, Chennai.
143	Bio-Inspired Schedulers for Public Cloud Environment	Geetha V, Pondicherry Engineering College , Puducherry.
148	A Scrutiny and Appraisal of various Optimization Algorithm to Solve Multi-Objective Nurse Scheduling Problem	M. Rajeswari, S. Jaiganesh, P. Sujatha, T. Vengattaraman, P. Dhavachelvan, Pondicherry University, Pondicherry.

<p>October 20th 2016</p> <p>2.00 : 5.00 PM</p>	<p>TRACK 3 SESSION - II</p> <p>COMPUTATIONAL INTELLIGENCE IN WIRELESS COMMUNICATION</p> <p>Venue - Crystal Hall -I</p>	
PAPER ID	PAPER TITLE	AUTHOR
32	Ensuring Trust and Privacy In Large Carpooling Problems	Amit Tyagi , Pondicherry Engineering College, Puducherry
71	Design and Development of a Single Wide Band 24 GHz Planar Microstrip Antenna	Christina Gnanamani and Rajeswari A, Coimbatore Institute of Technology, Coimbatore.
90	Comparison of Direct Contact Feeding Techniques for Rectangular Microstrip Patch Antenna for X-Band Applications.	R. Kiruthika and T. Shanmuganantham, Pondicherry University, Pondicherry.
92	New Joint Non Linear Companding and SLM Scheme for PAPR Reduction in OFDM System	Sandeep Dwivedi And Samundiswary Punniakodi, Pondicherry University, Puducherry.
96	Collabrative Location Based Sleep Scheduling with Load Balancing in Sensor-Cloud	Mahendran Natarajan, M.Kumarasamy College of Engineering, Karur, Tamilnadu.
102	A Study of Routing Protocols in Underwater Wireless Sensor Networks	Venkateswarulu Balajivijayan, Subbu Neduncheliyan and Ramadoss Suguna , Aalim Muhammed Salegh

		College of Engineering, Chennai,Tamilnadu.
105	A Layer Based Survey on Security Issues in Cognitive Radio Networks	S Tephillah and J Martin Leo, St.Joseph's Institute of Technology, Chennai.
106	TCOR- Energy Efficient and Power Saving Routing Architecture For Mobile Ad Hoc Networks	Sargunavathi Subramaniyam And J.Martin Leo Manickam , Sriram Engineering College Chennai.
113	Cluster Head Selection in Cognitive Radio Networks using Fruit Fly Algorithm	Umadevi K.S, School of Computing Science and Engineering, VIT University, Vellore.
116	Reputation Based IDS for Gray Hole Attack in Manets.	Ganesh Reddy, Shri Vishnu Engineering College for Women, Bhimavaram.
120	Customer Friendly Fast and Dynamic Handover in Heterogeneous Network Environment.	T Senthil Kumar and M A Bhagyaveni , College of Engineering, Guindy, Anna University. Chennai.
121	Influence of Road Side Units on Routing Information in VANET	Devarajan and Gunasundari, Pondicherry Engineering College, Pondicherry .
138	Type 2 Fuzzy Based GPS Satellite Selection Algorithm for Better Geometrical Dilution of Precision	Arul Elango, Murukesh Chinnaswamy and Rajeswari K, Pondicherry Engineering College, Puducherry.
146	Dual-Microphone Speech Enhancement Utilizing General Kalman Filter in Mobile Communication.	Vijay Kiran Battula And Appala Naidu Gottapu, University College of Engineering Vizianagaram, JNTUK, Vizianagaram.
147	Artificial Bee Colony Algorithm based Trustworthy Energy Efficient Routing Protocol	D. Sathian, M, Gunashanthi, P, Dhavachelvan, Pondicherry University, Pondicherry.

October 20 th 2016 2.00 : 5.00 PM	TRACK 5 COMPUTATIONAL INTELLIGENCE APPLICATIONS Venue - Crystal Hall-II	
PAPER ID	PAPER TITLE	AUTHOR
2	Information Detection System using 4T Dual Port CAM	V.Bharathi and A.Ragasaratha Preethee, Sri Manakula Vinayagar Engineering College, Puducherry.

16	VLSI Implementation of Reverse Converter Via Parallel Prefix Adder for Signed Integers	Rajagopalan Sabarinathan P and A.V Ananthalakshmi , Pondicherry Engineering College, Puducherry.
63	Optimal Tuning Of Coordinated Controller using BBO Algorithm for Stability Enhancement In Power System.	Gowrishankar Kasilingam and Jagadeesh Pasupuleti, Rajiv Gandhi College of Engg. & Tech, Puducherry.
80	Smart Phone Based Speed Breaker Early Warning System.	Viswanath K Reddy and Nagesh B S, M.S. Ramaiah University of Applied Sciences, Bangalore.
82	B+ Indexing for Biometric Authentication Using Fused Multimodal Biometric	Jagadiswary Devaraj and D.Saraswady, Pondicherry Engineering College, Puducherry.
118	Smart Logistics for Pharmaceutical Industry based on Internet Of Things (IOT)	Pachayappan Murugaiyan, Rajesh Nelavala and Saravanan G, Pondicherry University , Puducherry.
123	Determination of Photovoltaic Cell Design Parameters from Single Diode Model using Firefly Algorithm Coded In Python	Kanimozhi Ganapathi, Rajathy Rathinasamy and Harishkumar Holla , Pondicherry Engineering College, Puducherry.
124	Estimation of Maximum Power Point in Photovoltaic Cell Based on Parameters Identification Approach by Ant Lion Optimizer implemented in lpython	Kanimozhi Ganapathi, Rajathy Rathinasamy and Harishkumar Holla, Pondicherry Engineering College, Puducherry.
126	Smart Phone Keylogger Detection Technique Using Support Vector Machine	Geetha S, Shanmugasundaram G, Bharathkumar V, Prasanna Venkatesan V , Pondicherry University, Puducherry.
137	Multi-Level Security of Embedded Systems in Internet Of Things using Power Analysis	Muthu Subramanian P and Rajeswari A, Coimbatore Institute of Technology, Coimbatore.
145	Standby Mode Subthreshold Leakage Power Analysis in Digital Circuits with Variations in Temperature.	Amuthavalli G and Gunasundari R, Pondicherry Engineering College, Puducherry.