

DAY1(December 21, 2017-Morning Session)**Date: 21st December 2017****Morning Session (12:45 PM-02.15 PM)**

Session: Parallel Technical Session-I

Venue: CR5

Session Chair: Prof. Y.N. Singh, Dr. APJ Abdul Kalam Technical University, India**Computer Graphics**

Paper ID	Title	Date	Time	Place
1570394191	Analysis and Implementation of Simple Gesture Recognition Algorithms Using MATLAB	21/12/2017	12:45 PM -12:55 PM	CR5
1570405437	Integral Error Based Controller Performance Comparison for a FOPDT Model	21/12/2017	1:00 PM -1:10 PM	CR5
1570410171	3D Visualization and Dept Peeling of Pulmonary Vasculature and Lung Lesion Using Plain CT Sequence	21/12/2017	1:15 PM - 1:25PM	CR5
1570412131	Microwave Remote Sensing Based Small Baseline Subset Technique for Estimation of Slope Movement in Nainital Area, India	21/12/2017	1:30 PM-1:40 PM	CR5
1570397450	Night Time Road Boundary Detection Using Adaptive Averaging Likelihood Map over Spatio-Temporal Gradient Correspondence – STGC	21/12/2017	1:45 PM - 1:55PM	CR5
1570396414	Estimating the Functionality of Object Oriented System Using MCDM Approach	21/12/2017	2:00 PM – 2:10PM	CR5

Date: 21st December 2017**Morning Session (12:45 PM-02:15 PM)**

Session: Parallel Technical Session-I

Venue:CR6

Session Chair: Prof. Lipo Wang, Nanyang Technological University, Singapore**Computer Vision**

Paper ID	Title	Date	Time	Place
1570398023	Efficient Image Fusion Using Visual Salient Feature and Cross Contrast with Edge Weakening Guided Image Filter	21/12/2017	12:45 PM -12:55 PM	CR6
1570398207	Facial Expression Recognition Using Krawtchouk Moments and Support Vector Machine Classifier	21/12/2017	1:00 PM -1:10 PM	CR6
1570401180	A Neuromorphic Approach to Image Processing and Machine Vision	21/12/2017	1:15 PM - 1:25PM	CR6
1570401181	Flexible Feedback System for Posture Monitoring and Correction	21/12/2017	1:30 PM-1:40 PM	CR6
1570412224	Local Gaussian Difference Extrema Pattern: A New Feature Extractor for Face Recognition	21/12/2017	1:45 PM - 1:55PM	CR6
1570406054	Energy Efficient Handling of DWT-Image Transmission over Wireless Sensor Network	21/12/2017	2:00 PM – 2:10PM	CR6

Date: 21st December 2017**Morning Session (12:45 PM-02:15 PM)**

Session: Parallel Technical Session-I

Venue:CR7

Session Chair: Prof. Sunil K. Moon, Pune Institute of Computer Technology, India**Image Processing**

Paper ID	Title	Date	Time	Place
1570371969	Comparative Analysis of Neutrosophic and Intuitionistic Fuzzy Set with Spatial Information on Image Segmentation	21/12/2017	12:45 PM -12:55 PM	CR7
1570392512	A Novel Approach for Mammogram Classification	21/12/2017	1:00 PM -1:10 PM	CR7
1570394478	An Improved Xie-Beni Index for Cluster Validity Measure	21/12/2017	1:15 PM - 1:25PM	CR7
1570408931	Efficient Image Dehazing Using Multi-Objective Differential Evolution	21/12/2017	1:30 PM-1:40 PM	CR7
1570408980	An Investigative Approach Towards Various Image Segmentation Algorithms Used for Traffic Sign Recognition	21/12/2017	1:45 PM - 1:55PM	CR7
1570414738	Optimization of Flavour Ester Production Through Artificial Bee Colony Algorithm	21/12/2017	2:00 PM - 2:10PM	CR7

Date: 21st December 2017

Morning Session (12:45 PM-02:15 PM)

Session: Parallel Technical Session-I

Venue:CR8

Session Chair: Prof. Amit Kumar Singh – JUIT, India

Image Security & Forensics

Paper ID	Title	Date	Time	Place
1570396534	Methods to Generate Variable Keys with Noise Burst Bit in Modern Cryptosystem for Achieving Perfect Security	21/12/2017	12:45 PM -12:55 PM	CR8
1570397603	3-LEVEL SECURITY BASED SPREAD SPECTRUM IMAGE STEGANOGRAPHY WITH ENHANCED PEAK SIGNAL TO NOISE RATIO	21/12/2017	1:00 PM -1:10 PM	CR8
1570397625	Muzzle Point Pattern Based Cattle Recognition Using Image Pre-Processing Techniques	21/12/2017	1:15 PM - 1:25PM	CR8
1570397961	An Efficient Reduced Set Brute Force Attack Technique for a Particular Steganographic Tool Using Verner Algorithm	21/12/2017	1:30 PM-1:40 PM	CR8
1570400702	Finger Knuckle Image ROI Extraction Using Watershed Transformation for Person Recognition	21/12/2017	1:45 PM - 1:55PM	CR8
1570413551	Approach Towards Automatic Segmentation of Diaphragm from Ultrasound Images	21/12/2017	2:00 PM – 2:10PM	CR8

DAY1(December 21, 2017-Afternoon Session)

Date: 21st December 2017

Afternoon Session (04:15PM-05:45 PM)

Session: Parallel Technical Session-II

Venue: CR5

Session Chair: Prof. Mayank Singh, University of KwazuluNatal, South Africa

Information Processing

Paper ID	Title	Date	Time	Place
1570406439	Analysis & Simulation of Electrical Parameters of Fuzzy System Using Different Types of Current Amplifiers with Different Membership Functions for AkT Pathway	21/12/2017	4:15 PM – 4:25 PM	CR5
1570393103	Performance Analysis of Different Threshold Selection Schemes in Energy Detection for Cognitive Radio Communication Systems	21/12/2017	4:30 PM – 4:40 PM	CR5
1570395347	Short Term Load Forecasting Using Artificial Neural Network	21/12/2017	4:45 PM – 4:55 PM	CR5
1570395362	Frequent Term Based Text Document Clustering Using Similarity Measures: A Novel Approach	21/12/2017	5:00 PM- 5:10 PM	CR5
1570411454	Volumetric Local Directional Triplet Patterns for Biomedical Image Retrieval	21/12/2017	5:15 PM – 5:25 PM	CR5
1570398791	Approach for Multiword Expression Recognition & Annotation in Urdu Corpora	21/12/2017	5:30 PM – 5:40 PM	CR5

Date: 21st December 2017

Afternoon Session (04:15 PM-05:45 PM)

Session: Parallel Technical Session-II

Venue:CR6

Session Chair: Prof. Vipin Tyagi, JUET, Guna, India

Pattern Recognition

Paper ID	Title	Date	Time	Place
1570397007	Analogizing Time Complexity of KNN and CNN in Recognizing Handwritten Digits	21/12/2017	4:15 PM – 4:25 PM	CR6
1570397547	Offline Handwritten Gujarati Word Recognition	21/12/2017	4:30 PM – 4:40 PM	CR6
1570398178	Performance Analysis of Edge Detector Using Wavelet Transform and Mathematical Morphology	21/12/2017	4:45 PM – 4:55 PM	CR6
1570400275	Direction and Gender Classification Using Convolutional Neural Network for Side-view Images Captured from a Monitored Trail	21/12/2017	5:00 PM- 5:10 PM	CR6
1570410945	A New Reversible Stenographic Technique Based on Pixel Repetition Method (PRM) and Special Data Shifting (SDS)	21/12/2017	5:15 PM – 5:25 PM	CR6
1570401980	Type-2 Software Cone Detection Using Directed Acyclic Graph	21/12/2017	5:30 PM – 5:40 PM	CR6

Date: 21st December 2017

Afternoon Session (04:15 PM-05:45 PM)

Session: Parallel Technical Session-II

Venue:CR7

Session Chair: Prof. Joaquim Jorge, Instituto Superior Técnico (IST/UTL), Portugal

Computer Vision

Paper ID	Title	Date	Time	Place
1570405936	OLED Panels Inspection Using SURF Algorithm	21/12/2017	4:15 PM – 4:25 PM	CR7
1570406020	Design of Fractional Order PID Controller for a SOPDT Process Model	21/12/2017	4:30 PM – 4:40 PM	CR7
1570406028	Inertia Constrained Visual Odometry for Navigational Applications	21/12/2017	4:45 PM – 4:55 PM	CR7
1570406069	A Recent Survey for Human Activity Recognition Based on Deep Learning Approach	21/12/2017	5:00 PM- 5:10 PM	CR7
1570409425	Effect of Imperfect Spectrum Monitoring on Cognitive Radio Network Performance	21/12/2017	5:15 PM – 5:25 PM	CR7
1570401091	Benford's Law for Detecting Contrast Enhancement	21/12/2017	5:30 PM – 5:40 PM	CR7

Date: 21st December 2017

Afternoon Session (04:15 PM-05:30 PM)

Session: Parallel Technical Session-II

Venue: CR8

Session Chair: Prof. Tiratha Raj Singh - JUIT, India

Image Processing

Paper ID	Title	Date	Time	Place
1570395482	Real-Time Salt and Pepper Noise Removal from Medical Images Using A Modified Weighted Average Filtering	21/12/2017	4:15 PM – 4:25 PM	CR8
1570395874	Automatic Table Detection and Retention from Scanned Document Images via Analysis of Structural Information	21/12/2017	4:30 PM – 4:40 PM	CR8
1570396093	Text Line Segmentation of Multilingual Handwritten Documents Using Fourier Approximation	21/12/2017	4:45 PM – 4:55 PM	CR8
1570396639	Traffic Surveillance and Anomaly Detection Using Image Processing	21/12/2017	5:00 PM- 5:10 PM	CR8
1570407559	Innovative Data Hiding Security Model Using Forensic Audio Video Crypto-Steganography	21/12/2017	5:15 PM – 5:25 PM	CR8
1570410043	Spectrum Loft Method for Fibro-Glandular Tissue Segmentation in Pre-Contrast Breast MR Images	21/12/2017	5:30 PM – 5:40 PM	CR8

DAY2 (December 22, 2017-Morning Session)**Date: 22nd December 2017****Morning Session (11:00 AM-12:30 PM)**

Session: Parallel Technical Session-III

Venue: CR5

Session Chair: Prof. K K Shukla, IIT BHU, India

Image Processing

Paper ID	Title	Date	Time	Place
1570413424	A Robust Approach for Multisensor Medical Image Fusion	22/12/2017	11:00 AM – 11:10 AM	CR5
1570397643	Threshold Selection in Image Segmentation Using Parametric Entropy Measures	22/12/2017	11:15 AM – 11:25 AM	CR5
1570397858	Human Skin Detection in Digital Images Using Multi Colour Scheme System	22/12/2017	11:30 AM – 11:40 AM	CR5
1570398002	Quantization Index Modulation (QIM) Based Watermarking Techniques for 3D Meshes	22/12/2017	11:45 AM – 11:55 AM	CR5
1570397947	A Novel Five-Frame Difference Scheme for Local Change Detection in Underwater Video	22/12/2017	12:00 Noon -12:10 PM	CR5
1570377036	A Novel Clustering Based Fuzzy Approach for Character Segmentation in Handwritten Odia Scripts	22/12/2017	12: 15 AM -12:25 PM	CR5

Date: 22nd December 2017**Morning Session (11:00 AM-12:30 PM)**

Session: Parallel Technical Session-III

Venue: CR6

Session Chair: Prof. S. P. Ghrera, JUIT, India

Image Security & Forensics

Paper ID	Title	Date	Time	Place
1570412232	SIFT Based Approach for Generation of Multi Temporal Co-Registered Optical Remote Sensing Images	22/12/2017	11:00 AM – 11:10 AM	CR6
1570371221	Hyper Spectral Image Analysis for Human Authentication	22/12/2017	11:15 AM – 11:25 AM	CR6
1570405488	Co-occurrence Features and Neural Network Classification Approach for Iris Recognition	22/12/2017	11:30 AM – 11:40 AM	CR6
1570405714	Image Encryption Based on Watermarking Technique in Fourier Domain Using Pixel Scrambling	22/12/2017	11:45 AM – 11:55 AM	CR6
1570410996	Doctored Image Detection by Using Physics Based Technique	22/12/2017	12:00 Noon -12:10 PM	CR6
1570413199	Medical Image Regmentation of Brain Tumors Using Hidden Markov Random Models	22/12/2017	12: 15 AM -12:25 PM	CR6

Date: 22nd December 2017**Morning Session (11:00 AM-12:30 PM)**

Session: Parallel Technical Session-III

Venue: CR7

Session Chair: Prof. Vipin Balyan, CPUT, CapeTown, SouthAfrica

Information Processing

Paper ID	Title	Date	Time	Place
1570396415	Parameter Estimation of Software Reliability Growth Models Using Hybrid Genetic Algorithm	22/12/2017	11:00 AM – 11:10 AM	CR7
1570396999	Automation in Drip Irrigation Using IOT Devices	22/12/2017	11:15 AM – 11:25 AM	CR7
1570397524	Big Data Analytics:Predicting Academic Course Preference Using Hadoop Inspired MapReduce	22/12/2017	11:30 AM – 11:40 AM	CR7
1570397920	Remote Electrical Vehicle Communication System	22/12/2017	11:45 AM – 11:55 AM	CR7
1570398093	Finger Print Recognition Using Biometric Analysis and Munutia Features	22/12/2017	12:00 Noon -12:10 PM	CR7
1570406086	A Novel Approach Towards Segmentation of Connected Handwritten Numerals	22/12/2017	12: 15 AM -12:25 PM	CR7

Date: 22nd December 2017

Morning Session (11:00 AM-12:30 PM)

Session: Parallel Technical Session-III

Venue: CR8

Session Chair: Prof. Ghanshyam Singh, JUIT, India

Pattern Recognition

Paper ID	Title	Date	Time	Place
1570400537	Printed Text Recognition Using BLSTM and MDLSTM for Indian Languages	22/12/2017	11:00 AM – 11:10 AM	CR8
1570403658	Text Detection and Localization in Natural Scene Images Using MSER and Fast Guided Filter	22/12/2017	11:15 AM – 11:25 AM	CR8
1570406124	Classification of Fashion Article Images Using Convolutional Neural Networks	22/12/2017	11:30 AM – 11:40 AM	CR8
1570410041	Performance Comparison of Some Face Recognition Algorithms on Multi-covariate Facial Databases	22/12/2017	11:45 AM – 11:55 AM	CR8
1570412182	Human Recognition Using Discrete Cosine Transform and Discriminant Analysis of ECG	22/12/2017	12:00 Noon -12:10 PM	CR8
1570406101	Characterization of Breast Tumors Using Selected Laws' Mask Texture Features	22/12/2017	12: 15 AM -12:25 PM	CR8

DAY 2 (December 22, 2017-Afternoon Session)

Date: 22nd December 2017

Afternoon Session (03:45 PM-05:15 PM)

Session: Parallel Technical Session-IV

Venue: CR5

Session Chair: Prof. Debabala Swain, KIIT University, Bhubaneswar, India

SS2: Smart Image Security in Digital Life

Paper ID	Title	Date	Time	Place
1570400891	Recognition of Unvoiced Human Utterances Using Brain-Computer Interface	22/12/2017	3:45 PM – 3:55 PM	CR5
1570405704	Pedestrian Detection Using Integral Channel Detection and ADABOOST Algorithm	22/12/2017	4:00 PM – 4:10 PM	CR5
1570411616	Graph Fourier Transform Based Descriptor for Gesture Classification	22/12/2017	4:15 PM – 4:25 PM	CR5
1570381022	CWRP: An Efficient and Classical Weight Ranking Policy for Enhancing Cache Performance	22/12/2017	4:30 PM – 4:40 PM	CR5
1570383883	Bus Tracking and Monitoring Using RFID	22/12/2017	4:45 PM – 4:55 PM	CR5
1570409630	Performance of Modified Rectangular DRA & Its Array for X-Band Application	22/12/2017	5:00 PM – 5:10 PM	CR5

Date: 22nd December 2017

Afternoon Session (03:45 PM-05:15 PM)

Session: Parallel Technical Session-IV

Venue: CR6

Session Chair: Prof. Shabir A. Parah, University of Kashmir, India

SS3: Intricacies in Image steganography and Innovative Directions

Paper ID	Title	Date	Time	Place
1570401484	Steganalysis of Videos Using Energy Associated with Each Pixel	22/12/2017	3:45 PM – 3:55 PM	CR6
1570405649	High Capacity Reversible Stenographic Technique Based on Image Resizing and Pixel Permutation	22/12/2017	4:00 PM – 4:10 PM	CR6
1570395394	Fractal Analysis Related to Tumour Growth in Lungs: A Review	22/12/2017	4:15 PM – 4:25 PM	CR6
1570400708	FKQNet A Biometric Sample Quality Estimation Network Using Transfer Learning	22/12/2017	4:30 PM – 4:40 PM	CR6
1570397967	Vision Sensory Substitution to Aid the Blind in Reading and Object Recognition	22/12/2017	4:45 PM – 4:55 PM	CR6
1570406216	Contrast Enhancement and Micro-Calcification Detection Using Statistical and Wavelet Features in Digital Mammograms	22/12/2017	5:00 PM – 5:10 PM	CR6

Date: 22nd December 2017

Afternoon Session (03:45 PM-05:15 PM)

Session: Parallel Technical Session-IV

Venue: CR7

Session Chair: Prof. Pardeep Chauhan, University of Kwazulu Natal, Durban, South Africa

Information Processing

Paper ID	Title	Date	Time	Place
1570398105	Left to Right Sibling Reference in Tree Data Structure to Reduce Space Allocation	22/12/2017	3:45 PM – 3:55 PM	CR7
1570398301	Small Size Rectangular Microstrip Patch Antenna with a Cross Slot Using SIW	22/12/2017	4:00 PM – 4:10 PM	CR7
1570398324	Design and Performance Analysis of Vivaldi Antenna at Very High Frequency	22/12/2017	4:15 PM – 4:25 PM	CR7
1570399511	Amount of Fading Analysis for Composite Fading Channel Using Holtzman Approximation	22/12/2017	4:30 PM – 4:40 PM	CR7
1570356559	Radio Reservation for Handoff Calls and Resource Management for Efficient Utilization in Mobile Telecommunications System	22/12/2017	4:45 PM – 4:55 PM	CR7
1570412085	An Improved Artificial Immune Recognition System with Fast Correlation Based Filter (FCBF) for Feature Selection	22/12/2017	5:00 PM – 5:10 PM	CR7

Date: 22nd December 2017

Afternoon Session (03:45 PM-05:15 PM)

Session: Parallel Technical Session-IV

Venue: CR8

Session Chair: Prof. Mahesh Kumar H Kolekar, IIT Patna, India

Image Processing

Paper ID	Title	Date	Time	Place
1570398196	Segmentation of Retinal Blood Vessels Using Adaptive Noise Island Detection	22/12/2017	3:45 PM – 3:55 PM	CR8
1570398570	A Heavy-tailed Levy Distribution for Despeckling Ultrasound Image	22/12/2017	4:00 PM – 4:10 PM	CR8
1570398619	Blocking Sparse Method for Image Denoising	22/12/2017	4:15 PM – 4:25 PM	CR8
1570400963	Image Object Saliency Detection Using Center Surround Contrast	22/12/2017	4:30 PM – 4:40 PM	CR8
1570400995	An Optimized Lung Cancer Classification System for Computed Tomography Images	22/12/2017	4:45 PM – 4:55 PM	CR8
1570406049	A Transform Domain Based Robust Color Image Watermarking Scheme for Single and Dual Attacks	22/12/2017	5:00 PM – 5:10 PM	CR8

DAY 3 (December 23, 2017-Morning Session)**Date: 23rd December 2017****Morning Session (9:30 AM-11:00 AM)**

Session: Parallel Technical Session-V

Venue: CR5

Session Chair: Prof. Vivek Sehgal, JUIT India

Information Processing

Paper ID	Title	Date	Time	Place
1570403640	Low Cost Smart Parking System for Smart Cities	23/12/2017	9:30 AM – 9:40 AM	CR5
1570403654	Waste Water Management for Smart Cities	23/12/2017	9:45 AM – 9:55 AM	CR5
1570404693	Patient Health Monitoring System Based on Internet of Things	23/12/2017	10:00 AM -10:10 AM	CR5
1570403644	Predicting the Probability of Student's Degree Completion by Using Different Data Mining Techniques	23/12/2017	10:15 AM – 10:25 AM	CR5
1570412259	A Real-time Fine-Grained Visual Monitoring System for Retail Store Auditing	23/12/2017	10:30 AM – 10:40 AM	CR5
1570414071	Efficient Segmentation of Printed Tamil Script into Characters Using Projection and Structure	23/12/2017	10:45 AM-10:55 AM	CR5

Date: 23rd December 2017**Morning Session (9:30 AM-11:00 AM)**

Session: Parallel Technical Session-V

Venue:CR6

Session Chair: Prof. Debabala Swain, KIIT University, Bhubaneswar, India

SS2: Smart Image Security in Digital Life

Paper ID	Title	Date	Time	Place
1570389486	An Efficient Congestion Control Methodology to Enhance Performance of TCP in Wired Network	23/12/2017	9:30 AM – 9:40 AM	CR6
1570394362	Wi-Fi Interference Detection and Control Mechanism in IEEE 802.15.4 Wireless Sensor Networks	23/12/2017	9:45 AM – 9:55 AM	CR6
1570396082	A Prevalent Study on Secure Medical Image Digitization Through RDH	23/12/2017	10:00 AM -10:10 AM	CR6
1570396088	Competency Assessment of Image Compression in the Lossy and Lossless Domain	23/12/2017	10:15 AM – 10:25 AM	CR6
1570397934	Smart Home Automation System Using IR, Bluetooth, GSM and Android	23/12/2017	10:30 AM – 10:40 AM	CR6
1570398495	Dead Zone Identification in IEEE 802.11G NETWORK	23/12/2017	10:45 AM-10:55 AM	CR6

Date: 23rd December 2017**Morning Session (9:30 AM-11:00 AM)**

Session: Parallel Technical Session-V

Venue:CR7

Session Chair: Prof. Chittaranjan Rout, JUIT, India

Image Processing

Paper ID	Title	Date	Time	Place
1570403477	Analytical Study on Fractal Dimension- A Review	23/12/2017	9:30 AM – 9:40 AM	CR7
1570404519	An Algorithm to Straighten the Bent Human Chromosomes	23/12/2017	9:45 AM – 9:55 AM	CR7
1570405915	Detection of Poor Quality Peripheral Blood Smear Images Used in Detection of White and Red Blood Cells	23/12/2017	10:00 AM -10:10 AM	CR7
1570405951	Vessel Segmentation of Retinal Images Using Marr-Hildreth and FCM Divide Clustering Method	23/12/2017	10:15 AM – 10:25 AM	CR7
1570402902	Novel Method for Occlusion Reduction and Disparity Refinement	23/12/2017	10:30 AM – 10:40 AM	CR7

Date: 23rd December 2017

Morning Session (9:30 AM-11:00 AM)

Session: Parallel Technical Session-V

Venue:CR8

Session Chair: Prof. Hemraj Saini, JUIT, India

Image Processing

Paper ID	Title	Date	Time	Place
1570401757	Empirical Analysis of SIFT, Gabor and Fused Feature Classification Using SVM for Multispectral Satellite Image Retrieval	23/12/2017	9:30 AM – 9:40 AM	CR8
1570401785	Brain Tumor Detection Using Wathershed Segmentation Techniques and Area Calculation	23/12/2017	9:45 AM – 9:55 AM	CR8
1570402980	New Idea for SIFT to Evaluate the Matching Result	23/12/2017	10:00 AM -10:10 AM	CR8
1570403346	Cluster Based Block Processing for Gigantic Images:Dimension and Size	23/12/2017	10:15 AM – 10:25 AM	CR8
1570403461	An Image Classification Algorithm Integrating Principal Component Analysis and Spatial Pyramid Matching Features	23/12/2017	10:30 AM – 10:40 AM	CR8
1570406005	Hybridization of ICA Based on Arnold Cat Map Using Reversible Cellular Automata for Faster Cryptographic Speed	23/12/2017	10:45 AM-10:55 AM	CR8

DAY 3 (December 23, 2017-Afternoon Session)

Date: 23rd December 2017

Morning Session (11:30 AM 1:00 PM)

Session: Parallel Technical Session-VI

Venue: CR5

Session Chair: Prof. Pardeep Kumar, JUIT, India

Image Processing

Paper ID	Title	Date	Time	Place
1570397945	A Secure Method of Copyright Protection for Digital Videos Using SWEA	23/12/2017	11:30 AM – 11:40 AM	CR5
1570401787	Recognition of Ayurvedic Medicinal Plants from Leaves: A Computer Vision Approach	23/12/2017	11:45 AM – 11:55 AM	CR5
1570401497	Application of Crypto-Video Watermarking Technique to Improve Robustness and Imperceptibility of Secret Data	23/12/2017	12:00 Noon-12:10 PM	CR5
1570397051	An Optimal Routing Scheme for Critical Healthcare HTH Services - An IOT Perspective	23/12/2017	12:15 PM – 12:25 PM	CR5
1570403745	Geometry Based Method for Iris Segmentation	23/12/2017	12:30 PM – 12:40 PM	CR5

Date: 23rd December 2017

Morning Session (11:30 AM 1:00 PM)

Session: Parallel Technical Session-VI

Venue: CR6

Session Chair: Prof. Ravindara Bhatt, JUIT, India

Information Processing

Paper ID	Title	Date	Time	Place
1570403639	Sentiment Classification of Movie Reviews While Addressing Polarity Shift Using Dual Training and Dual Prediction	23/12/2017	11:30 AM – 11:40 AM	CR6
1570405962	Highly Directive Dielectric Resonator Rod Array Antenna at Terahertz Frequency for Imaging Applications	23/12/2017	11:45 AM – 11:55 AM	CR6
1570401579	Extended Firm Mutation Testing: A Cost Reduction Technique for Mutation Testing	23/12/2017	12:00 Noon-12:10 PM	CR6
1570392578	Monkey Search Algorithm for Task Scheduling in Cloud IaaS	23/12/2017	12:15 PM – 12:25 PM	CR6
1570405952	A Concise Review of Fast Bilateral Filtering	23/12/2017	12:30 PM – 12:40 PM	CR6

Date: 23rd December 2017

Morning Session (11:30 AM 1:00 PM)

Session: Parallel Technical Session-VI

Venue: CR7

Session Chair: Prof. Yashwant Singh, Central University of Jammu, India

Image Processing

Paper ID	Title	Date	Time	Place
1570412424	An Improved Edge Detection Algorithm Using A Modified Discrete Wavelet Transform Based on Morphological Thinner for Noisy Medical Images	23/12/2017	11:30 AM – 11:40 AM	CR6
1570410054	Bio-medical Image Fusion Based on Phase-congruency and Guided Filter	23/12/2017	11:45 AM – 11:55 AM	CR6
1570406127	Visibility Enhancement of Real Time Foggy Videos	23/12/2017	12:00 Noon-12:10 PM	CR6
1570412155	Energy Efficient Image Transmission Through OFDM Based MIMO Systems	23/12/2017	12:15 PM – 12:25 PM	CR6
1570409371	Sri Lanka Driving License Forgery Detection	23/12/2017	12:30 PM – 12:40 PM	CR6

Date: 23rd December 2017

Morning Session (11:30 AM 1:15 PM)

Session: Parallel Technical Session-VI

Venue: CR8

Session Chair: Prof. P.K. Gupta, JUIT, India

Image Processing

Paper ID	Title	Date	Time	Place
1570394263	Soft Biometric Thermal Face Recognition Using FWT and LDA Feature Extraction Methods with RBM, DBN and FFNN Classifier Algorithms	23/12/2017	11:30 AM – 11:40 AM	CR8
1570406066	Sample-based DC Prediction Strategy for HEVC Lossless Intra Prediction Mode	23/12/2017	11:45 AM – 11:55 AM	CR8
1570397131	A Novel Segmentation Algorithm for MRI Brain Tumor Images	23/12/2017	12:00 Noon-12:10 PM	CR8
1570400717	Design of Virtual Reality Robot Based on Android Platform	23/12/2017	12:15 PM – 12:25 PM	CR8
1570406045	A New Approach to Detect Paste Forgeries in an Image	23/12/2017	12:30 PM – 12:40 PM	CR8
1570414070	A Comparative Study on Image Steganographic Techniques in Spatial Domain Using Non-linear Regression	23/12/2017	12:45 PM-12:55 PM	CR8
1570396684	Forgery Resistant Image Watermarking Technique Using Discrete Cosine Transform (Dct)	23/12/2017	1:00 PM-1:10 PM	CR8