

Technical Programme Schedule for ICIIP-2019

DAY-1 (November 15, 2019)

Date: 15th November, 2019

Time: 2:45 PM-4:00 PM

Session: Parallel Technical Session-I

Venue: CR5

Session Chair: Prof. Dr. Barbara Zitova - Academy of Sciences of the Czech Republic, Prague

Computer Graphics

Paper ID	Title	Paper Presenter	Date	Time	Place
1570594177	Stochastic Floyd-Steinberg Dithering on GPU: Image Quality and Processing Time Improved	Giorgia Franchini	15.11.2019	2:45 PM – 3:00 PM	CR5
1570582897	Detecting Radius of Pipe in GPR Images and Comparing with 3D Synthetic Data	G Ramesh Chandra	15.11.2019	3:00 PM – 3:15 PM	CR5
1570590760	Video Steganography Technique in Uncompressed Raw Domain Based on Transform Domain and Using SSVLCs	Sushil Kumar Azad	15.11.2019	3:15 PM – 3:30 PM	CR5
1570582246	A Novel Segmentation and Identification of Diseases in Paddy Leaves Using Color Image Fusion Technique	Harish Naik T	15.11.2019	3:30 PM – 3:45 PM	CR5
1570594461	Using Image Segmentation for Fusion of Multispectral to Panchromatic Imagery	Vaibhav R. Pandit	15.11.2019	3:45 PM – 4:00 PM	CR5

Date: 15th November, 2019

Time: 2:45 PM-4:00 PM

Session: Parallel Technical Session-I

Venue:CR6

Session Chair: Prof. Dr. Aparajita Ojha - PDPM IITDM, Jabalpur, India

Computer Vision

Paper ID	Title	Paper Presenter	Date	Time	Place
1570590247	Stereo System Based Distance Calculation of an Object in Image	Ningthoujam Johny Singh	15.11.2019	2:45 PM – 3:00 PM	CR6
1570569277	Action Recognition from Depth Video Sequences Using Microsoft Kinect	Anjan Kumar Talukdar	15.11.2019	3:00 PM – 3:15 PM	CR6
1570594145	Image Processing Based Traffic Convex Mirror Detection	Suraj Dhalwar	15.11.2019	3:15 PM – 3:30 PM	CR6
1570593953	A Novel Algorithm for Deraining Videos Using Range-Domain Filtering with Spatio-Temporal Correspondence	Apurba Das	15.11.2019	3:30 PM – 3:45 PM	CR6
1570594792	Advancements in Optical Character Recognition for Gurmukhi Script	Harmohan Sharma	15.11.2019	3:45 PM – 4:00 PM	CR6

Date: 15th November, 2019

Time: 2:45 PM-4:00 PM

Session: Parallel Technical Session-I

Venue:CR7

Session Chair: Dr. Tirathraj Singh – JUIT, Solan, India

Image Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570582253	Non-contact Measurement of Human Heart Rate Using Low Cost Video Camera	Naveen Sharma	15.11.2019	2:45 PM – 3:00 PM	CR7
1570582971	Preprocessing of MR Images for Effective Quantitative Image Analysis	Sarathi Gangadhar	15.11.2019	3:00 PM – 3:15 PM	CR7
1570582700	Automatic Detection of Ischemic Stroke Lesion from Multimodal MR Image	Samriddhi Gupta	15.11.2019	3:15 PM – 3:30 PM	CR7
1570582384	Optimal Fuzzy Clustering by Improved Biogeography-based Optimization for Leukocytes Segmentation	Mukesh Saraswat	15.11.2019	3:30 PM – 3:45 PM	CR7
1570587874	Gray Scale Image Restoration Using Advanced Atmospheric Light Estimation	Sasmita Mahakud	15.11.2019	3:45 PM – 4:00 PM	CR7

Date: 15th November, 2019

Time: 2:45 PM-4:00 PM

Session: Parallel Technical Session-I

Venue:CR8

Session Chair: Dr. Vipin Tyagi – JUET, Guna, MP, India

Image Security & Forensics

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580862	Fuzzy Logic Based Cluster Head Selection Method for Heterogeneous Wireless Sensor Networks	Payal Khurana Batra	15.11.2019	2:45 PM – 3:00 PM	CR8
1570565441	A Dynamic Programming Approach to Secure User Image Data in Cloud Based ERP Systems	Sudakshina Mandal	15.11.2019	3:00 PM – 3:15 PM	CR8
1570594034	Social Media Origin Based Image Tracing Using Deep CNN	Nadia Siddiqui	15.11.2019	3:15 PM – 3:30 PM	CR8
1570582419	Sentiment Analysis Using Few Short Learning	Mukesh Saraswat	15.11.2019	3:30 PM – 3:45 PM	CR8
1570579792	AD3S: Advanced Driver Drowsiness Detection System Using Machine Learning	Arpita Jadhav Bhatt	15.11.2019	3:45 PM – 4:00 PM	CR8

Date: 15th November, 2019

Time: 4:15PM–5:30PM

Session: Parallel Technical Session-II

Venue: CR5

Session Chair: Dr. P.K. Gupta and Dr. Ruchi Verma – JUIT, Solan, India

Information Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570584846	Improving Drowsy Driving Detection Techniques for Accident Avoidance	Navninderjit Singh	15.11.2019	4:15 PM – 4:30 PM	CR5
1570593996	NFGS Enabled Face Re-identification for Efficient Surveillance in Low Quality Video	Pallavi Saha	15.11.2019	4:30 PM – 4:45 PM	CR5
1570582873	Reimagining the Indian Healthcare Ecosystem with AI for a Healthy Smart City	MA.Jabbar	15.11.2019	4:45 PM - 5:00 PM	CR5
1570590750	A Metaheuristic Approach for Classification Rule Discovery: AntMiner	Bhawna jyoti	15.11.2019	5:00 PM – 5:15 PM	CR5
1570575356	Crop Yield Prediction Using Machine Learning Algorithms	Saksham Garg	15.11.2019	5:15 PM – 5:30 PM	CR5

Date: 15th November, 2019

Time: 4:15PM–5:30PM

Session: Parallel Technical Session-II

Venue:CR6

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

Pattern Recognition

Paper ID	Title	Paper Presenter	Date	Time	Place
1570582030	Efficient Identification of Initial Clusters Centers for Partitioning Clustering Methods	Ram Pal Singh	15.11.2019	4:15 PM – 4:30 PM	CR6
1570590428	Image and Ultrasonic Sensor Fusion for Object Size Detection	Ningthoujam Borison Singh	15.11.2019	4:30 PM – 4:45 PM	CR6
1570593762	Automatic Region of Interest Detection of Tropical Cyclone Image by Center of Gravity and Distance Metrics	Chinmoy Kar	15.11.2019	4:45 PM - 5:00 PM	CR6
1570583246	Recognition of Kannada Characters in Scene Images Using Neural Networks	Shahzia Siddiqua	15.11.2019	5:00 PM – 5:15 PM	CR6
1570579716	Iterative Curvelet Thresholding Scheme for Image Recovery	Ayush Sahay	15.11.2019	5:15 PM – 5:30 PM	CR6

Date: 15th November, 2019

Time: 4:15PM–5:30PM

Session: Parallel Technical Session-II

Venue:CR7

Session Chair: Dr. Ashwani Kumar - Vardhaman College of Engineering, Hyderabad, India

Computer Vision

Paper ID	Title	Paper Presenter	Date	Time	Place
1570568272	An Automated Feature Tracking Based Algorithm for Estimation of Ice Flow and Glacier Surface Velocity Using Resourcesat-2A Data for Himalayan Terrain	Yatharath Bhateja	15.11.2019	4:15 PM – 4:30 PM	CR7
1570567764	Classification of Human Heart Signals by Novel Feature Extraction Techniques for Rescue Application	Rajesh Saha	15.11.2019	4:30 PM – 4:45 PM	CR7
1570582448	CT Image Reconstruction Using Fourth-order PDE Based AD Regularization	Shailendra Tiwari	15.11.2019	4:45 PM - 5:00 PM	CR7
1570581705	Local Directional Weighted Threshold Patterns (LDWTP) for Facial Expression Recognition	Uma Maheswari V	15.11.2019	5:00 PM – 5:15 PM	CR7
1570577833	MapReduce-based Dragonfly Algorithm for Large-Scale Data-Clustering	Ashish Kumar Tripathi	15.11.2019	5:15 PM – 5:30 PM	CR7

Date: 15th November, 2019

Time: 4:15PM–5:30PM

Session: Parallel Technical Session-II

Venue: CR8

Session Chair: Prof. Dr. S.P. Ghrera - JUIT, Solan, India

Prof. Dr. Mayank Singh - University of Kwazulu Natal, Durban, South Africa

Pattern Recognition

Paper ID	Title	Paper Presenter	Date	Time	Place
1570581692	Classification Performance Analysis of Printed Odia Alphabets Using Neural Network Based Approach	Sradhanjali Nayak	15.11.2019	4:15 PM – 4:30 PM	CR8
1570582523	Odia Compound Character Recognition Based on Structural Similarity Matching	Dibyasundar Das	15.11.2019	4:30 PM – 4:45 PM	CR8
1570590485	ADoCW: An Automated Method for Detection of Concealed Weapon	Gaurav Raturi	15.11.2019	4:45 PM - 5:00 PM	CR8
1570585902	Arabic Handwritten Character Recognition Using Machine Learning Approaches	Suresha M	15.11.2019	5:00 PM - 5:15 PM	CR8
1570583504	A Framework for Effective Watermarking Synchronous with Time and Frequency Domain for Resilience to Attacks	Ramesh Shahabadkar	15.11.2019	5:15 PM – 5:30 PM	CR8

DAY-2 (November 16, 2019)**Date: 16th November, 2019****Time: 11:45 AM – 1:00 PM**

Session: Parallel Technical Session-III

Venue: CR5

Session Chair: Dr. Hemraj Saini and Dr. P.K. Singh - JUIT, Solan, India**Image Processing**

Paper ID	Title	Paper Presenter	Date	Time	Place
1570582099	Image Segmentation: Automatic Cluster Number Generation in K- Means	Anju Bala	16.11.2019	11:45 AM – 12:00 PM	CR5
1570575015	Enhancement of Reflected Faces on Semi-reflecting Surfaces	Suresha M	16.11.2019	12:00 PM – 12:15 PM	CR5
1570570663	Enhancement of Micro-texture Images Using Bi-histogram Equalization Based on Arcsine Distribution	Raghu Kumar D S	16.11.2019	12:15 PM – 12:30 PM	CR5
1570582680	A Survey on Tracking Techniques in Augmented Reality Based Applications	Amanpreet Kaur	16.11.2019	12:30 PM – 12:45 PM	CR5
1570582016	Realization of a Reversible Data Hiding Framework Using Histogram Bin Shifting for Color Images	Muzamil Hassan	16.11.2019	12:45 PM – 1:00 PM	CR5

Date: 16th November, 2019**Time: 11:45 AM – 1:00 PM**

Session: Parallel Technical Session-III

Venue:CR6

Session Chair: Dr. Rajinder Sandhu and Dr. Nitin Kumar - JUIT, Solan, India**Image Security & Forensics**

Paper ID	Title	Paper Presenter	Date	Time	Place
1570561204	Big Data Privacy Issues & Solutions	Shivam Agarwal	16.11.2019	11:45 AM – 12:00 PM	CR6
1570584272	Smart Phone Self Checkout Payments in Super Bazaar	N.Narendra Kumar	16.11.2019	12:00 PM – 12:15 PM	CR6
1570591646	Security Challenges for Water Distribution System Using Supervisory Control and Data Acquisition (SCADA)	Neha Sharma	16.11.2019	12:15 PM – 12:30 PM	CR6
1570582672	Color Image Authentication Using Dual Watermarks	Solihah Gull	16.11.2019	12:30 PM – 12:45 PM	CR6
1570562319	Implementation of Distributed File Storage and Access Framework Using IPFS and Blockchain	Randhir Kumar	16.11.2019	12:45 PM – 1:00 PM	CR6

Date: 16th November, 2019

Time: 11:45 AM – 1:00 PM

Session: Parallel Technical Session-III

Venue:CR7

Session Chair: Dr. Vivek Sehgal and Dr. Nafis Uddin Khan - JUIT, Solan, India

Pattern Recognition

Paper ID	Title	Paper Presenter	Date	Time	Place
1570582362	Collaborative Deep Neural Network for Printed Text Recognition of Indian Languages	Kapil Mehrotra	16.11.2019	11:45 AM – 12:00 PM	CR7
1570575478	Cross-Age Face Recognition Using Deep Residual Networks	Sarthak Babbar	16.11.2019	12:00 PM – 12:15 PM	CR7
1570581845	Offline Handwritten Signature Verification Using CNN Inspired by Inception V1 Architecture	Ramesh Kumar Mohapatra	16.11.2019	12:15 PM – 12:30 PM	CR7
1570580409	A Deep Learning Based CNN Framework Approach for Plankton Classification	Sarthak Singh Rawat	16.11.2019	12:30 PM – 12:45 PM	CR7
1570580961	Multimedia Forensics - An Approach to Detect and Analyze Human Faces in Multimedia Files	Raghavendra Gowda	16.11.2019	12:45 PM – 1:00 PM	CR7

Date: 16th November, 2019

Time: 11:45 AM – 1:00 PM

Session: Parallel Technical Session-III

Venue:CR8

Session Chair: Dr. Pardeep Kumar and Dr. Hari Singh - JUIT, Solan, India

Information Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570582274	Augur Justice: A Supervised Machine Learning Technique to Predict Outcomes of Divorce Court Cases	Sanjana Roshan	16.11.2019	11:45 AM – 12:00 PM	CR8
1570577891	Novel Algorithm to Find Maximum Clique	Jyoti Chhatani	16.11.2019	12:00 PM – 12:15 PM	CR8
1570585380	Blockchain-based Food Network System	Navninderjit Singh	16.11.2019	12:15 PM – 12:30 PM	CR8
1570588520	An Object Detection Technique for Blind People in Real-Time Using Deep Neural Network	Ashwani Kumar	16.11.2019	12:30 PM – 12:45 PM	CR8
1570593521	Scene Categorization by Hierarchical Clustering on Adaptive Spatio-Temporal Features	Pallavi Saha	16.11.2019	12:45 PM – 1:00 PM	CR8

Date: 16th November, 2019

Time: 2:15PM–3:30PM

Session: Parallel Technical Session-IV

Venue: CR5

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

Special session: e-Healthcare data analytics and security (Technical Track)

Paper ID	Title	Paper Presenter	Date	Time	Place
1570574821	Multimodal Biometrics Feature Level Fusion for Iris and Hand Geometry Using Chaos-based Encryption Technique	Gagandeep Kaur	16.11.2019	2:15 PM – 2:30 PM	CR5
1570591144	Human Gait Analysis Using OpenPose	Aditya Viswakumar	16.11.2019	2:30 PM – 2:45 PM	CR5
1570581853	Medical Diagnosis Cloud Model for Detection of Kidney Diseases	Ishrat Nazeer	16.11.2019	2:45 PM – 3:00 PM	CR5
1570571966	Classification of Glaucoma Fundus Images Using Curvelet Empirical Wavelet Transform	Shruti Jain	16.11.2019	3:00 PM – 3:15 PM	CR5
1570580057	Deep Learning Approach for Automatic Classification of X-Ray Images Using Convolutional Neural Network	Sushavan Mondal	16.11.2019	3:15 PM – 3:30 PM	CR5

Date: 16th November, 2019

Time: 2:15PM–3:45PM

Session: Parallel Technical Session-IV

Venue:CR6

Session Chair: Prof. Dr. B. N. Subudhi – IIT JAMMU , India

Special Session: Image Processing, AI & Machine Learning: Recent Trends and Future Scope (Technical Track)

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580926	Blur Detection in Identity Images Using Convolutional Neural Network	Karan Khajuria	16.11.2019	2:15 PM – 2:30 PM	CR6
1570575199	Levy Inspired Enhanced Grey Wolf Optimizer	Manika Kaushik	16.11.2019	2:30 PM – 2:45 PM	CR6
1570581073	Forecasting Atmospheric PM2.5 Concentration in Thiruvananthapuram City Using LSTM Model	Lizy Abraham	16.11.2019	2:45 PM – 3:00 PM	CR6
1570581263	Brain Tumor Detection Using Deep Residual Networks	Tanmay Dixit	16.11.2019	3:00 PM – 3:15 PM	CR6
1570590153	Gender Recognition from Facial Images Using Convolutional Neural Network	Shiva Mittal	16.11.2019	3:15 PM – 3:30 PM	CR6
1570595029	Analysis of Comments on Youtube Videos Using Hadoop	Chetns Dabas	16.11.2019	3:30 PM – 3:45 PM	CR6

Date: 16th November, 2019

Time: 2:15PM–3:30PM

Session: Parallel Technical Session-IV

Venue:CR7

Session Chair: Dr. Ravindara Bhatt and Dr. Amol Vasudeva - JUIT, Solan, India

Special Session: Security & Privacy in Digital Watermarking (Technical Track)

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580742	Necessity of MANET Implementation over Internet of Things: The Future of Dynamic Communication Among End Devices	Vikram Narayandas	16.11.2019	2:15 PM – 2:30 PM	CR7
1570571031	Image Encryption Method Using Differential Expansion Technique AES and RSA Algorithm	B.Mahalakshmi	16.11.2019	2:30 PM – 2:45 PM	CR7
1570580787	Implementation of SCADA Through Cloud Based IoT Devices - Initial Design Steps	Shrawan Kumar	16.11.2019	2:45 PM – 3:00 PM	CR7
1570582054	A Novel Data Security Framework in Distributed Cloud Computing	Vanaja Malgari	16.11.2019	3:00 PM – 3:15 PM	CR7
1570567042	A Survey to Bridging the Gap Between Energy and Security in IoT and Home	Punit gupta	16.11.2019	3:15 PM – 3:30 PM	CR7
1570550021	A Novel Method to Distinguish Photorealistic Computer Generated Images from Photographic Images	Vipin Tyagi	16.11.2019	3:30 PM – 3:45 PM	CR7

Date: 16th November, 2019

Time: 2:15PM–3:30PM

Session: Parallel Technical Session-IV

Venue: CR8

Session Chair: Dr. Sanjeev Patel - IIIT, Noida, India

Dr. RamKumar Ketti Rama Chandran, Chitkara University, India

Special Session: Multimedia Communications and Cloud Computing (Technical Track)

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580967	Spectral Efficient Precoding Algorithm for Large Scale MU-MIMO Communication System	Jagtar Singh	16.11.2019	2:15 PM – 2:30 PM	CR8
1570581524	Detection and Localization of Copy-move Tampering Using Features of Locality Preserving Projection	Anjali Diwan	16.11.2019	2:30 PM – 2:45 PM	CR8
1570594135	A Secure Audio Steganography Scheme Using Genetic Algorithm	Sobin C C	16.11.2019	2:45 PM – 3:00 PM	CR8
1570592232	M-ary Based Spectrum Sensing Approach for Cognitive Radio Under Different Fading Channels	Jai Sukh Paul Singh	16.11.2019	3:00 PM – 3:15 PM	CR8
1570577164	Sum-Rate Analysis of MIMO Based CR-NOMA Communication System	Prabhat Thakur	16.11.2019	3:15 PM – 3:30 PM	CR8

DAY-3 (November 17, 2019)**Date: 17th November, 2019****Time: 9:30 AM–10:45 AM**

Session: Parallel Technical Session-V

Venue: CR5

Session Chair: Dr. Yugal Kumar - JUIT, Solan, India**Information Processing**

Paper ID	Title	Paper Presenter	Date	Time	Place
1570590479	Internet of Things for Precision Agriculture Applications	Sukhwinder Singh	17.11.2019	9:30 AM – 9:45 AM	CR5
1570594158	Stochastically Resonant Spectrum Sensing Signal-to-Noise Ratio Improvements for Dynamic Spectrum Access Cognitive Radios	Shastri Jayram	17.11.2019	9:45 AM – 10:00 AM	CR5
1570594062	Multi-level Optical On-Off Line Code for Outdoors Visible Light Communications	Samuel Nlend	17.11.2019	10:00 AM – 10:15 AM	CR5
1570571208	Architectural Survey on Internet of Things	Monika Bharti	17.11.2019	10:15 AM – 10:30 AM	CR5
1570589659	Comparative Analysis and Implementation of Different Human Detection Techniques	Soumil Ghosh	17.11.2019	10:30 AM – 10:45 AM	CR5

Date: 17th November, 2019**Time: 9:30 AM–10:45 AM**

Session: Parallel Technical Session-V

Venue:CR6

Session Chair: Dr. Punit Gupta – Manipal University, Jaipur, India**Special Session: Fault Tolerant and Reliable Computing in Cloud (Technical Track)**

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580425	Scheduled Virtual Machine Placement in IaaS Cloud: A MPSO Approach	Madnesh K. Gupta	17.11.2019	9:30 AM – 9:45 AM	CR6
1570595198	News Data Analysis from Facebook Through MongoDB and Hive	Akshay Sehgal	17.11.2019	9:45 AM – 10:00 AM	CR6
1570583584	Performance Enhancement of Data Centers by Using Low Power and High Speed CNTFET Based SRAM Cell	Ranjeet Singh Chauhan	17.11.2019	10:00 AM – 10:15 AM	CR6
1570604919	Taxonomy of Missing Data Along with Their Handling Methods	Ashok Kumar Tripathi	17.11.2019	10:15 AM – 10:30 AM	CR6

Date: 17th November, 2019

Time: 9:30 AM–10:45 AM

Session: Parallel Technical Session-V

Venue:CR7

Session Chair: Dr. Ekta Gandotra - JUIT, Solan, India

Pattern Recognition

Paper ID	Title	Paper Presenter	Date	Time	Place
1570588499	Predicting Next Word Using RNN and LSTM Cells: Statistical Language Modelling	Aejaz Farooq Ganai	17.11.2019	9:30 AM – 9:45 AM	CR7
1570592843	Modeling of Heart Data Using PSO & A-Priori Algorithm for Disease Prediction	Shimpy Goyal	17.11.2019	9:45 AM – 10:00 AM	CR7
1570580786	Novel Face Recognition Based Examinee Authentication System Using Python D-Lib	Fayaz Ahmad Fayaz	17.11.2019	10:00 AM – 10:15 AM	CR7
1570580392	A Classifier Approach Using Deep Learning for Human Activity Recognition	Sarthak Singh Rawat	17.11.2019	10:15 AM – 10:30 AM	CR7

Date: 17th November, 2019

Time: 9:30 AM–10:45 AM

Session: Parallel Technical Session-V

Venue:CR8

Session Chair: Dr. Suman Saha - JUIT, Solan, India

Image Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570590628	A Survey on Content Based Crawling for Deep and Surface Web	Nishchay Agrawal	17.11.2019	9:30 AM – 9:45 AM	CR8
1570592427	Mapping of MODIS Satellite Data with Ground Level Particulate Matter Concentration - a Case Study for Shimla'	Rishi Rana	17.11.2019	9:45 AM – 10:00 AM	CR8
1570583140	LARAVEL: A PHP Framework for E-Commerce Website	Neha Yadav	17.11.2019	10:00 AM – 10:15 AM	CR8
1570595078	Analysis of Smartphone Selection Problem Under Interval-valued Intuitionistic Fuzzy ARAS and TOPSIS Methods	Mohd Dilshad Ansari	17.11.2019	10:15 AM – 10:30 AM	CR8

Date: 17th November, 2019

Time: 11:00 AM–12:15 PM

Session: Parallel Technical Session-VI

Venue: CR5

Session Chair: Dr. Amit Kumar - JUIT, Solan, India

Image Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570574708	A Survey on Computational Offloading in Mobile Cloud Computing	Robin Prakash Mathur	17.11.2019	11:00 AM–11:15 AM	CR5
1570590531	Twin Identification Using Single-Shot Detector	Razia de Loyola Furtado e Sardinha	17.11.2019	11:15 AM–11:30 AM	CR5
1570582599	A Light Weighted Deep Learning Framework for Multiple Sclerosis Lesion Segmentation	Pindi Krishna Chandra Prasad	17.11.2019	11:30 AM–11:45 AM	CR5
1570582896	Emotion Detection of Autistic Children Using Image Processing	Pooja Rani	17.11.2019	11:45 AM–12:00 PM	CR5
1570590403	Performance Assessment of Different Topographic Correction Techniques over Subpixel Classification	Vishakha Sood	17.11.2019	12:00 PM–12:15 PM	CR5

Date: 17th November, 2019

Time: 11:00 AM–12:15 PM

Session: Parallel Technical Session-VI

Venue:CR6

Session Chair: Dr. Geetanjali and Dr. Aman Kumar - JUIT, Solan, India

Information Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580983	First Order Gradient Derivative Features Based Classification of Lung Lesion Using Computed Tomography Images	Nandish Siddeshappa	17.11.2019	11:00 AM–11:15 AM	CR6
1570549640	Laplacian: Reversible Data Hiding Technique	Muni Sekhar Velpuru	17.11.2019	11:15 AM–11:30 AM	CR6
1570590595	Detection of Icebergs from SAR Imagery	Amulya Shruthi Tammireddi	17.11.2019	11:30 AM–11:45 AM	CR6
1570593525	Discrete Transfer Function Modeling of Non-Linear Systems Using Neural Networks	Sudeep Sharma	17.11.2019	11:45 AM–12:00 PM	CR6
1570572995	Designing A Microstrip Square Patch Antenna	Punit Gupta	17.11.2019	12:00 PM–12:15 PM	CR6

Date: 17th November, 2019

Time: 11:00 AM–12:15 PM

Session: Parallel Technical Session-VI

Venue:CR7

Session Chair: Dr. Jagpreet Sidhu and Dr. Kapil Kumar - JUIT, Solan, India

Information Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570580014	Radar and Camera Sensor Fusion with ROS for Autonomous Driving	Rahul Kumar	17.11.2019	11:00 AM–11:15 AM	CR7
1570583168	Data Augmentation Using Generative Adversarial Networks for Pneumonia Classification in Chest X-rays	Vedant Bhagat	17.11.2019	11:15 AM–11:30 AM	CR7
1570590908	Evolution of Third Eye System Converging with Networked Control System and Image Processing Techniques	Ratish Kumar	17.11.2019	11:30 AM–11:45 AM	CR7
1570598491	Study of Issues and Challenges of Different Routing Protocols in Wireless Sensor Network	Ashutosh Sharma	17.11.2019	11:45 AM–12:00 PM	CR7

Date: 17th November, 2019

Time: 11:00 AM–12:15 PM

Session: Parallel Technical Session-VI

Venue: CR8

Session Chair: Dr. Himanshu Jindal - JUIT, Solan, India

Image Processing

Paper ID	Title	Paper Presenter	Date	Time	Place
1570582727	Cross Domain Descriptor for Sketch Based Image Retrieval Using Siamese Network	Veena A Kumar	17.11.2019	11:00 AM–11:15 AM	CR8
1570593720	Attendance System Based on Biometrics and RFID	Khawla Alnajjar	17.11.2019	11:15 AM–11:30 AM	CR8
1570582489	FLANN Based Matching with SIFT Descriptors for Drowsy Features Extraction	Vineetha Vijayan	17.11.2019	11:30 AM–11:45 AM	CR8
1570582751	A Novel Approach of Image Interpolation Using DST	Jagyanseni Panda	17.11.2019	11:45 AM–12:00 PM	CR8
1570582683	Human Face Identification Using LBP and Haar- Like Features for Real Time Attendance Monitoring	Mayank Kumar Rusia	17.11.2019	12:00 PM–12:15 PM	CR8