

Programme & Paper Session Schedule

December 22, 2017

Time	Activity	
09:30AM-10:45AM	Inauguration (Auditorium)	
10:45AM-11:30AM	Tea Break/Poster Session	
11:30AM-12:15PM	Keynote 1: Nandini Mukhopadhyay, Professor, Jadavpur University, India <i>"IoT-enabled Remote Healthcare: Opportunities and Challenges"</i> (Auditorium)	
12:15PM-01:00PM	Keynote 2: Abdul Quaiyum Ansari, Department of Electrical Engineering, Jamia Millia Islamia, New Delhi <i>"From Fuzzy Logic to Neutrosophic Logic: A Paradigme shift and Logics"</i> (Auditorium)	
01:00PM-02:00PM	Lunch	
02:00-3:15PM	Session 1: Intelligent Computing Paper-ID -149, 152, 188, 232, 314 (Room No.9, Academic Block-2)	Session 2: Big Data Computing Paper ID- 126, 195, 90, 36, 303, 37, 280 (Room No. 11, Academic Block-2)
03:30-04:45PM	Session 3: Image and video processing (Track 1) Paper ID- 179, 132, 311, 111, 178, 98 (Room No. 9, Academic Block-2)	Session 4: Cryptography and Security Paper ID- 44, 183, 120, 24 (Room No. 11, Academic Block-2)

December 23, 2017

Time	Activity	
09:15-10:00AM	Keynote 3: Vishnu S. Pendyala, Technical Leader, Cisco <i>"Addressing Uncertainty on the Web"</i> (Auditorium)	
10:15-11:00AM	Session 5: Distributed and Cloud Computing Paper ID- 122, 167, 181, 281 (Room No.9, Academic Block-2)	Session 6: Nano Electronics and VLSI Computing (Track 1) Paper ID-28, 176, 169 (Room No. 11, Academic Block-2)

11:00-11:50AM	<p>Session 7: Nano Electronics and VLSI Computing (Track 2) Paper ID-57, 97, 113 (Room No. 9, Academic Block-2)</p>	<p>Session 8: Wireless Network Communication Paper ID- 139, 164, 276 (Room No. 11, Academic Block-2)</p>
12:00-01:00PM	<p>Session 9: Soft Computing Paper ID- 74, 89, 185, 272, 304 (Room No. 9, Academic Block-2)</p>	<p>Session 10: Image and video processing (Track 2) Paper ID- 47, 109, 140, 190, 244 (Room No. 11, Academic Block-2)</p>
01:00-02:00PM	<p>Lunch</p>	
02:00-03:00PM	<p>Keynote 4: Madhusudan Singh, Ph.D., Research Professor, YICT, Yonsei University, Songdo, South Korea. <i>“Blockchain based Automotive Cyber Security: Perspective, Challenges and Future Trends”</i> (Auditorium)</p>	
03:00-04:00PM	<p>Session 11: Machine learning Paper ID- 75, 79, 147, 193 (Room No. 9, Academic Block-2)</p>	
04:00-05:00PM	<p>Valedictory (Auditorium)</p>	

Paper Session Schedule

22-12-2017 (2:00 PM – 3:15 PM) Room No. 9, Academic Block-2		
Session 1: Intelligent Computing		
Paper ID	Title of the Paper	Author Name
152	Face Recognition System for Access Control using Principal Component Analysis	Nikita Bakshi and Vibha Prabhu
188	Automatic Traffic Sign Recognition System Using Fast Normalized Cross Correlation And Parallel Processing	M. Sridevi, Sankaranarayanan N, Ankit Jyothish, Aditya Vats, Milind Lalwani
232	Hidden Markov Model Based Node Status Prediction Technique for Target Coverage in Wireless Sensor Networks	Pooja Chaturvedi and A. K. Daniel
149	N-Policy for M/Hk/1 System with Unreliable Server and Setup	Anamika Jain, Praveen Kumar Agrawal and Madhu Jain
314	A survey on FOG computing for Smart waste management system	Pooja V. Garach and Rikin Thakkar
22-10-2017(2:00 PM – 3:15 PM) - Room No. 11, Academic Block-2		
Session 2: Big Data Computing		
Paper ID	Title of the Paper	Author Name
126	Efficient Entity Resolution using Multiple Blocking Keys for Bibliographic Dataset	Dolly Mittal, Emmanuel S Pilli, Madhuri Guptaz
195	Development of Algorithm for Gene Expression Analysis Through MaxEnt Based Multivariate Information Theory	Madhumita Das, Durjoy Majumder
90	Spam Mail Detection through Data Mining Techniques	Shubhi Shrivastava and Anju R
36	An Efficient Technique to Improve Resources Utilization for Hadoop MapReduce in Heterogeneous system	Ahmed Qasim Mohammed and Rajesh Bharati
303	ABPCBase: Amino acid Bio-Physico-Chemical properties Database and APPDBase: Amino acid Properties Protein Disorder Database	Zakiya Juma Khulaif Al Riyami, Fatma Mubarak Said Al Siyabi, and Smitha Sunil Kumaran Nair
37	A Novel Approach For Executing Large Datasets By a MCC Model	Prof. Kuntam Babu Rao
280	BIG DATA ANALYTICS Solution to Healthcare	Manpreet Singh, Vandan Bhatia, and Rhythm Bhatia

**22-12-2017 (3:30 PM – 4:45 PM) Room No. 9, Academic Block-2
Session 3: Image and video processing (Track 1)**

Paper ID	Title of the Paper	Author Name
179	Improved Robust Digital Image Watermarking with SVD and Hybrid Transform	Shachi Natu, Prachi Natu and Tanuja Sarode
132	A Boolean-based multi-secret image sharing scheme using bit-reversal	Sagar Mal Nitharwal, and Harsh Kumar Verma
311	Mask Encryption Based Highly Secure Image Steganography	Tarun Jain, Anita Shrotriya, Vivek Kumar Verma, Horesh Kumar
111	Automated – seeded average approach of color segmentation for still color image and video	Amit Verma and Bhupendra Singh
178	Hybrid Image Compression using VQ on Error Image	Prachi Natu, Shachi Natu and Tanuja Sarode
98	Detection Time of Machine by Posit Algorithm through Augmented Reality	Suman Bhakar and Devershi Pallavi Bhatt

**22-12-2017 (3:30PM – 4:45 PM) Room No. 11, Academic Block-2
Session 4: Cryptography and Security**

Paper ID	Title of the Paper	Author Name
44	ANNIHILATOR IMMUNITY OF A BENT FUNCTION	Rajni Goyal
183	Secure Medical Communication Using Sixteen Rectangle Substitution Cipher and Information- Location Dependent Steganography	Mamta Jain and Anil Kumar
120	Analysing the role of entanglement in the three-qubit Vaidman's game	Hargeet Kaur and Atul Kumar
24	Dynamic Behavior Analysis of Android Applications for Malware Detection	Latika Singh and Markus Hofmann

**23-12-2017 (10:15AM – 11:00AM) Room No. 9, Academic Block-2
Session 5: Distributed and Cloud Computing**

Paper ID	Title of the Paper	Author Name
122	A Novel Dynamic Task Scheduling Strategy for Computational Grid	Sophiya Sheikh, Mohammad Shahid and Aitha Nagaraju
167	SALB: Simulated Annealing with Load Balancing in Distributed Environment	Sandip Kumar Goyal, Virendra Singh Kushwah and Avinash Sharma
181	Maintaining security and privacy of the Patient's EHR using cryptographic organization based access control in cloud environment	Afnan Salem Babraham, Muhammad Mostafa Monowar
281	A Systematic Analysis of Nature Inspired Workflow Scheduling Algorithm in Heterogeneous Cloud Environment	Richa Jain, Dr. Neelam Sharma and Pankaj Jain

**23-12-2017 (10:15AM – 11:00AM) Room No. 11, Academic Block-2
Session 6: Nano Electronics and VLSI Computing (Track 1)**

Paper ID	Title of the Paper	Author Name
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176	Miniaturization of Power Divider through Open Circuited Stubs	Anshul Kumar and Anurag Vidyarthi
28	Differential Double Tail Dynamic CMOS Voltage Comparator	Priyesh. P. Gandhi and N. M. Devashrayee
169	Q-factor and BER Performance Analysis of Inter-satellite Optical Wireless Communication Using 26 Transponders	Ikkurthy Kavya Sri and Avireni Srinivasulu
23-12-2017 (11:00AM – 11:50AM) Room No. 9, Academic Block-2 Session 7: Nano Electronics and VLSI Computing (Track 2)		
113	Perusal of Web Application Security Approach	Ashikali M Hasan, Divyakant T. Meva, Anil K Roy and Jignesh Doshi
57	A 5.8 GHz Inset-Fed Rectenna for RF Energy Harvesting Applications	Karush Suri, Mohit Mohta, Asmita Rajawat, Sindhu Hak Gupta
97	The Super- Diode- DRAM (SD-DRAM)—A Comparative Approach For CMOS Memory Cell To Obtain Low Power Consumption And Read/Write Access Time.	Paramita Chowdhury, Kuheli Pramanik, Aparajita Datta Sinha, Subarna Bhattacharya
23-12-2017 (11:00AM – 11:50AM) Room No. 11, Academic Block 2 Session 8: Wireless Network Communication		
Paper ID	Title of the Paper	Author Name
276	A Novel AODV Technique with Varying Area In MANET	PURUSHOTTAM KUMAR, VIJAY KUMAR SHARMA, ANUPRIYA SINGHAL
164	Structural Health Monitoring System Using IOT and Wireless Technologies	Brinda Chanv, Prof. Sunil Bakhru and Prof. Vijay Mehta
139	The Internet of Intelligent Things: An Overview	Bharti Nathani and Rekha Vijayvergia2
23-12-2017 (12:00 PM – 1:00 PM) - Room No. 9, Academic Block-2 Session 9: Soft Computing		
Paper ID	Title of the Paper	Author Name
185	Predictive Model for Stem Cell Transplantation with Suicidal Gene Construct for the Treatment of Leukemia	Probir K. Dhar, Tarun K. Naskar, Durjoy Majumder
272	Analysis of Workspace Awareness Tools in Distributed Software Development	Inderdeep Kaur, Parminder Kaur and Hardeep Singh
89	A Lung Cancer Diagnostic Framework Using Gene Prediction Graph	Partho Mallick, Priyanka Seth, Anupam Ghosh and Jayanta Poray
74	AVINASH – A three tier architectural metric suit for the effort estimation in testing of OOS.	Neha Kashyap, Prashant Vats, Dr. Manju Mandot.
304	Empty	Vivek Khalane; Umesh Bhadade
23-12-2017 (12:00 PM – 1:00 PM) Room No. 11, Academic Block-2		

Session 10: Image and video processing (Track 2)

109	A Formulation Approach with Hybrid Wavelet Transform for High Efficiency Video Coding	PERLA ANITHA, Dr.P.SUDHAKARA REDDY and Prof.M.N.GIRI PRASAD
244	An Empirical Enhancement Using Scale Invariant Feature Transform in Text Extraction from Images	Kirti Kaur Sahota, Lalit Kumar Awasthi and Harsh Kumar Verma
140	OPTIMIZED FFNNBASED TUMOR AND EDEMA SEGMENTATION	Rehna Kalam and M Abdul Rahman
190	A Novel Saliency Mapping Approach For Joint Multiview Video Plus Depth Coding	T.Manasa veena, Dr.D.Satyanarayana and Dr.M.N.Giri Prasad
47	COMPARATIVE STUDY FOR VISION BASED AND DATA BASED HAND	Oinam Robita Chanu, Anushree Pillai, Spandan Sinha, Piyanka Das

23-12-2017 (3:00 PM – 4:00 PM) - Room No. 9, Academic Block-2

Session 11: Machine learning

Paper ID	Title of the Paper	Author Name
75	An Efficient approach for Opinion Mining from Skewed Twitter corpus using Over Sampled Imbalance Data Learning	Salina Adinarayana and E Ilavarasan
193	Deep models for Phonocardiography (PCG) classification	Sujadevi VG, Soman KP, Vinayakumar R and Prem Sankar AU
147	SeRA: Suggestive Recommender Algorithm A Framework for Guiding Online Customer Behaviour	Saurabh Ranjan Srivastava and Harpreet Singh Gill
79	A Robust and Novel Regression Based Fuzzy Time Series Algorithm for Prediction of Rice Yield	Anshul Garg and Bindu Garg