3rd IEEE International Conference
on

RECENT ADVANCES IN INFORMATION TECHNOLOGY

03-05 MARCH 2016

TECHNICAL SESSION

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
INDIAN SCHOOL OF MINES (ISM)
DHANBAD– 826004, JHARKHAND

TECHNICAL SESSION – 1

(Advances in Pattern Recognition and Machine Learning Computing)
(15:45 – 17:15)

Venue: CSE-CR1
Date: 03rd March 2016

Time	Paper ID	Paper Title & Author(s)
15:45 - 16:00	019	Classification of Lower Limb Motor Imagery Using K Nearest Neighbor and Naive-Bayesian Classifier **Sanniv Bhaduri, Anwesha Khasnobish, Rohit Bose, D. N. Tibarewala**
16:00 - 16:15	088	A Novel Approach to Classify the Research Articles Hierarchically **Rajendra Kumar Roul, Shubham Rohan Asthana, Shah Mit Kalpeshbhai**
16:15 - 16:30	100	A novel deep learning architecture for sentiment classification **Rahul Ghosh, Kumar Ravi, Vadlamani Ravi**
16:30 - 16:45	111	FOREX Rate Prediction using Chaos Theory and Quantile Regression Random Forest **Dadabada Pradeepkumar, Vadlamani Ravi**
16:45 - 17:00	113	Domain Adaptation for Land-cover Classification of Remotely Sensed Images using Ensemble of Multilayer Perceptrons **Shounak Chakraborty, Moumita Roy**
17:00 - 17:15	167	Identification of miRNA Signature using Next-Generation Sequencing data of Prostate Cancer **Shib Sankar Bhowmick, Indrajit Saha, Ujjwal Maulik, Debotosh Bhattacharjee**

VENUE

GJLT: Golden Jubilee Lecture Theatre
CSE- CR1: Class Room 1 (Computer Science & Engg. Dept.)
CSE- CR2: Class Room 2 (Computer Science & Engg. Dept.)

TECHNICAL SESSION – 2
(Advances in Cryptography & Network Security-I)
(15:45 – 17:00)

Venue: GJLT
Date: 03rd March 2016

Time	Paper ID	Paper Title & Author(s)
15:45 - 16:00	190	Anomaly Detection in Network Traffic using K-mean clustering **Rashmi Kumari, Sheetanshu Srivastava, Mithilesh Kumar Singh, Rithesh Jha, Nikhil Kumar Singh**
16:00 - 16:15	203	Malicious Node Detection using ID-Based Authentication Technique **Anurag Gupta, Prerna Mohit, Arijit Karati, Ruhul Amin, G. P. Biswas**
16:15 - 16:30	205	Design of an Enhanced Authentication Protocol and Its Verification using AVISPA **SK Hafizul Islam, Ruhul Amin, Arijit Karati, G. P. Biswas**
16:30 - 16:45	214	Offline signature verification based on geometric feature extraction using artificial neural network **Subhash Chandra, Sushila Maheshkar**
16:45 - 17:00	222	SecOMN: Improved Security Approach for Opportunistic Mobile Networks Using Cyber Foraging **Swastik Padhi, Mayank Tiwary, Rojalina Priyadarshini, Chhabi Rani Panigrahi, Rachita Misra**

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TECHNICAL SESSION – 3
(Advances in Communication - I)
(09:00 – 11:45)

Venue: GJLT
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
09:00 - 09:15	021	Coastal Surveillance in Multi Sensor Environment : A Design Approach **Ashutosh Singh, Vinay Aggarwal, Pankaj Tiwari**
09:15 - 09:30	029	Energy Efficient Fault Tolerant Barrier Coverage Using Limited Mobility Wireless Sensors **Dinesh Dash**
09:30 - 09:45	068	CQS: A Conflict-free Query Scheduling Approach in Wireless Sensor Networks **Bibudhendu Pati, Joy Lal Sarkar, Chhabi Rani Panigrahi**
09:45 - 10:00	070	Outage Performance of Secondary User in Cognitive Relay Network with Multiple Pus **Shashibhushan Sharma, Binod Prasad, Sanjay Dhar Roy, Sumit Kundu**
10:00 - 10:15	093	An Efficient methodology to solve the K-terminal network reliability problem **Sandeep Singh, Aman Verma, Subhashis Chatterjee, Venkata Ramana B**
10:15 - 10:30	103	Restoring Virtual Backbone of Wireless Sensor Network on Sensor Failure **Dinesh Dash**
10:30 - 10:45	125	Candidate Core Selection for Load-Balanced Multicore Shared Tree Multicasting **Koushik Sinha, Bidyut Gupta, Shahram Rahimi, Ansuman Bhattacharya**
10:45 - 11:00	129	Low Power Customized New Trend Remote Surveillance System Over 3G Mobile Network **Sabyasachi Tiwari, Utpal Goswami, Mainak Chowdhury, Pradip Kumar Sadhu**
11:00 - 11:15	130	Cooperative Spectrum Sensing based on Dynamic Clustering with Improved Energy Detector **Kuldeep Yadav, Sanjay Dhar Roy, Sumit Kundu, Abhijit Bhowmick**
11:15 - 11:30	133	Efficient Coverage and Connectivity Aware Data Gathering Protocol for Wireless Sensor Networks **Govind P. Gupta**
11:30 - 11:45	221	Bacterial foraging optimization algorithm for cluster head selection and routing in WSN **Praveen Lalwani, Sagnik Das**

TECHNICAL SESSION – 4

(Advances in Image & Video Processing-I)
(09:00 - 11:30)

Venue: CSE – CR1
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
09:00 - 09:15	025	Sign Language Recognition **Anup Kumar, Karun Thankachan, Mevin M. Dominic**
09:15 - 09:30	035	Image Segmentation Using Region Derived Triple Thresholding **Avik Banerjee, Soumyadeep Bhattacharjee, Sk. Latib**
09:30 - 09:45	042	A Smart Phone Based App For Automated Segmentation and Counting of Platelets **Kaushiki Roy, Ratnadeep Dey, Debotosh Bhattacharjee, Mita Nasipuri, Pramit Ghosh**
09:45 - 10:00	052	Color based Human Detection and Tracking Algorithm using a Non-Gaussian Adaptive Particle Filter **Aashish Sharma, Ajay Singh, Rajesh Rohilla**
10:00 - 10:15	076	An improved (n, n) Multi-Secret Image Sharing Scheme using Boolean XOR and Reverse Bits **Maroti Deshmukh, Neeta Nain, Mushtaq Ahmed**
10:15 - 10:30	096	A novel approach to a camera based assistive aid for visually impaired **Ishaani Mittal, Apoorva Mittal, Sreedevi Indu**
10:30 - 10:45	136	A Novel Approach for De-speckling of Ultrasound Images using Bilateral Filter **Sameera V Mohd Sagheer, Sudhish N George**
10:45 - 11:00	141	Survey on Automated Diagnosis on the Detection of Leukemia: A Hematological disorder **Sonali Mishra, Bansidhar Majhi, Pankaj Kumar Sa**
11:00 - 11:15	147	A Novel Method for Moving Object Detection based on Block Based Frame Differencing **Sandeep Singh Sengar, Susanta Mukhopadhyay**
11:15 - 11:30	149	Modified Dictionary Learning Method For Sparsity Based Single Image Super-Resolution **Abdu Rahiman V, Rohit U, Sudhish N. George**

TECHNICAL SESSION – 5

(Advances in Soft Computing - I)
(09:00 - 11:30)

Venue: CSE-CR2
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
09:00 - 09:15	005	Using Fuzzy c means and Multi Layer Perceptron for Data Imputation: Simple v/s Complex Dataset **Shambeel Azim, Swati Aggarwal**
09:15 - 09:30	049	A novel flower pollination algorithm for congestion management in electricity market **Sumit Verma, Vivekananda Mukherjee**
09:30 - 09:45	059	Design of Slot Loaded Proximity Coupled Microstrip Antennas using Knowledge based neural networks **Ruchi Varma, Jayanta Ghosh**
09:45 - 10:00	067	Comparison between GA-based LQR and Conventional LQR Control Method of DFIG Wind Energy System **Ravi Bhushan, Kalyan Chatterjee, Ravi Shankar**
10:00 - 10:15	073	GA Based Improved Frequency Regulation Characteristics For Thermal-Hydro-Gas & DFIG Model Incoordination With FACTS And Energy Storage System **Ravi Shankar, Soumya Ranjan Pradhan, Satyabrata Sahoo, Kalyan Chatterjee**
10:15 - 10:30	092	Frequency and Power control of Isolated Hybrid Power System using Scaling Factor Based Fuzzy Logic Controller **Tarkeshwar Mahto, V. Mukherjee**
10:30 - 10:45	115	Heat Pipe Mass Optimization for Space Applications **Tanweer Alam, U. Upadhyay, S. Azam, R. Kumar**
10:45 - 11:00	132	Fuzzy Gain Scheduled Intelligent Frequency Control in an AC Microgrid **Mohit Kumar, Pankaj Kumar, Ashiwani Yadav, Nitai Pal**
11:00 - 11:15	143	Multi-objective Genetic Algorithm set up For Feature Subset Selection in Clustering **Himanshu Kashyap, Sohini Das, Jayee Bhattacharjee, Ritu Halder, Saptarsi Goswami**
11:15 - 11:30	332	Multi-objective Parametric Optimization of Green Sand Moulding Properties using Genetic Algorithm **Archana Kumari, Rajkumar Ohdar**

TECHNICAL SESSION – 6

(Advances in Soft Computing-II)
(14:30 - 16:00)

Venue: GJLT
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
14:30 - 14:45	192	Optimization of clustering process in WSN with meta-heuristic techniques - A survey **Dharmanshu Raval, Gaurang Raval and Sharada Valiveti**
14:45 - 15:00	207	A Novel Parallel Search Technique for Optimization **Manaar Alam, Soumyajit Chatterjee, Haider Banka**
15:00 - 15:15	220	Hardware Implementation of Naive Bayes Classifier: A Cost Effective Technique **Himanshu Ranjan Seth, Haider Banka**
15:15 - 15:30	227	Analysis of size-strength trade-off in green pelletization for manganese concentrate using multiobjective evolutionary algorithm (NSGA-II) **Mohammad Nadeem, R. Venugopal**
15:30 - 15:45	233	Model of a Fuzzy Autonomation system for a Steel Wire Roll Mill **L. N. Pattanaik, Rajeev Agrawal, Lakshmi Kumari**
15:45 – 16:00	163	FARW: Firefly Algorithm for Routing in Wireless Sensor Networks **Praveen Lalwani, Isha Ganguli, Haider Banka**

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TECHNICAL SESSION – 7

(Advances in Image & Video Processing-II)
(14:30 – 15:45)

Venue: CSE – CR1
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
14:30 - 14:45	173	Class Tiling Design for Ordered Dithering **Ayush Agrawal, Jitesh Karamchandani, Sushila Maheshkar**
14:45 - 15:00	181	A Contour based Procedure for Face Detection and Tracking from Video **Aniruddha Dey**
15:00 - 15:15	182	Eye Movement Based Human Computer Interaction **Ramsha Fatima, Atiya Usmani, Zainab Zaheer**
15:15 - 15:30	230	Voice and Touch Control Home Automation **Sushant Kumar, S.S Solanki**
15:30 - 15:45	333	Vegetation Indices Based Segmentation for Automatic Classification of Brown Spot and Blast Diseases of Rice **Santanu Phadikar, Jyotirmoy Goswami**

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TECHNICAL SESSION – 8

(Applications of IT in Geo-Sciences and Mining)
(14:30 – 15:45)

Venue: CSE – CR2
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
14:30 - 14:45	057	Quad tree based algorithm for building of network model from road layers of vector maps **Shibumon Alampatta, Rajesh M A, Narayan Panigrahi**
14:45 - 15:00	086	Runoff Estimation of Banaras Hindu University South Campus Using ArcGIS and HecGeo-HMS **Nikita Shivhare, Padam Ji Omar, Nitesh Gupta, Prabhat Kumar Singh Dikshit**
15:00 - 15:15	224	Comparative Analysis of Si, SiGe and Ge bulk Tri Gate n-FinFET for Enhanced Drive Current and Low Power Dissipation **Vimal Kumar Mishra, R.K. Chauhan**
15:15 - 15:30	321	Review of IT Enabled Technologies in Indian Mining Industry for Improved Productivity & Safety **Deepanshu R Singh, Arvind K Mishra**
15:30 - 15:45	152	Single Notch band UWB BPF Using Square Ring Resonator **Yatindra Gaurav, Arvind Kumar Pandey, R.K. Chauhan**

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TECHNICAL SESSION – 9

(Advances in Signal Processing)
(16:15 - 17:45)

Venue: GJLT
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
16:15 - 16:30	047	Non-Linear Fractal Analysis of ECG signal collected from Maternal and Normal Sinus Women **Monisha Chakraborty, Tithi Das, Dipak Ghosh**
16:30 - 16:45	084	A New Spectral Subtraction Method for Speech Enhancement using Adaptive Noise Estimation **Shambhu Shankar Bharti, Manish Gupta, Suneeta Agarwal**
16:45 - 17:00	087	Comparative study of MFDFA technique for Isometric and Isotonic Muscle Contraction **Monisha Chakraborty, Debanjan Parbat**
17:00 - 17:15	131	A Highly Accurate, High Precision Sub Pixel Motion Estimator-Interpolation for High Performance Video Coding (HEVC) in Next Generation UHDTV Applications **Mani Laxman Aiyar, K.Ramesha**
17:15 - 17:30	164	A Real-time heartbeat detection technique using TMS320C6713 Processor and Multi-rate Signal Processing **D.Mandal, M. Ganguly**
17:30 - 17:45	184	An Anti-Jamming Protocol Based on Secret Reallocation of Channels **Ansuman Bhattacharya, Soumyadip Audhya, Koushik Sinha**

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TECHNICAL SESSION – 10

(Advances in VLSI Design & Embedded Systems)
(16:15 - 17:45)

Venue: CSE – CR1
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
16:15 - 16:30	043	Investigation on Electrical Characteristics of FDSOI Device for Ultra-Low Power Operation **Manisha Guduri, Sudip Kundu, Aminul Islam**
16:30 - 16:45	135	A Reliability Aware Application Mapping onto Mesh based Network-on-Chip **Navonil Chatterjee, Sheshivardhan Reddy, Shilpa Reddy, Santanu Chattopadhyay**
16:45 - 17:00	137	An ILP-based Floorplan-aware Path Synthesis Technique for Application-Specific NoC Design **Priyajit Mukherjee, Santanu Chattopadhyay**
17:00 - 17:15	199	VLSI Implementation of Optimized Spectrum Sensing Scheme for Cognitive Radio **K. Akhila Sudha, B. Vijaya Lakshmi**
17:15 - 17:30	210	Comparison of various branch prediction methodologies used in embedded systems **Ambily Antony, Sudarshan T.S.B**
17:30 - 17:45	218	Mapping Three Step Search Algorithm onto a Systolic Array Processor in H.264 **Ria, Subhash Chandra Yadav**

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TECHNICAL SESSION – 11

(Advances in Computing & Real Time Systems)
(16:15 – 18:00)

Venue: CSE – CR2
Date: 04th March 2016

Time	Paper ID	Paper Title & Author(s)
16:15 - 16:30	009	Usability of Electronic Voting System in India and Innovatory Approach **Anooshmita Das, Ranjit Kumar Singh, Sanchit Kumar Singh, Manash Pratim Dutta**
16:30 - 16:45	056	Wi-Fi Control Bot with Real-Time Video Streaming **Chawngsangpuii Khiangte, Lalchhanhima Ralte, Ramchandra Regmi, Mayank Srivastava, Rohit Das**
16:45 - 17:00	083	Multi-Cloud Scenario based QoS Enhancing Virtual Resource Brokering **Deepsubhra Guha Roy, Debashis De, Md Mozammil Alam, Samiran Chattopadhyay**
17:00 - 17:15	098	Algorithm of 2D-Voronoi Diagram Construction With Rectangular Block **Arindam Sinharay, Tanusree Roy, Antara Saha, Vaswar Pande**
17:15 - 17:30	138	Performance Evaluation of MySQL, Cassandra and HBase for Heavy Write Operation **Vishal Dilipbhai Jogi, Ashay Sinha**
17:30 - 17:45	140	Green Intelligence for Cloud Data Centers **C Karthik, Mayank Sharma, Kirti Maurya, K Chandrasekaran**
17:45 - 18:00	187	Data Modelling for Discrete Time Series Data Using Cassandra and MongoDB **Dharavath Ramesh, Ashay Sinha, Suraj Singh**

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TECHNICAL SESSION – 12

(Advances in Communication - II)
(09:00 - 11:45)

Venue: GJLT
Date: 05th March 2016

Time	Paper ID	Paper Title & Author(s)
09:00 - 09:15	139	Behavioral Study of Sybil Attack on Vehicular Network **Amrit Suman, Chiranjeev Kumar**
09:15 - 09:30	146	Analysis and QoS Measurement for Voluminous Data Flow in Wireless Sensor Network **Prasanta Kumar Swain, Manas Kumar Rath**
09:30 - 09:45	171	A Modified NCO based LSPF-DPLL Phase Resolver for Wireless Communication **Sabyasachi Bhattacharyya, Aradhana Misra, K Kumar Sarma**
09:45 - 10:00	208	A Delay-bound Efficient Path Design Algorithm for Mobile Sink in Wireless Sensor Networks **Madhvi Mishra, Kumar Nitesh, Prasanta K. Jana**
10:00 - 10:15	209	Indegree-based Path Design for Mobile Sink in Wireless Sensor Networks **Preeti Komal, Kumar Nitesh, Prasanta K. Jana**
10:15 - 10:30	212	Location and Selective-bordercast based enhancement of Zone Routing Protocol **Shweta R. Malwe, Soniya Rohilla, G. P. Biswas**
10:30 - 10:45	217	Low Complexity Secure Encoding and Joint Decoding for Distributed Compressive Sensing in WSNs **Amit Satish Unde, Ravikumar Malla, Deepthi P. P.**
10:45 - 11:00	232	Study of Fairness and delay of packet scheduling in IEEE 802.11 based Wireless Mesh Network **Poulomi Deb, Durgabati Poddar, Subhrajyoti Deb, Abhishek Majumder**
11:00 - 11:15	237	A Survey on Wireless Sensor Network for Community Intrusion Detection Systems **Nikhil Kumar Mittal**
11:15 - 11:30	309	Smart Low Power Wireless Sensor Network for Underground Mine Environment Monitoring **Yogendra Singh Dohare, Tanmoy Maity, Partha Sarathi Paul, Ranjith Babu Vanguri**
11:30 - 11:45	344	A Novel Vertical Handoff Scheme for Vehicular Ad-hoc Networks **Sadip Midya, Koushik Majumder, Asmita Roy, Debashis De**

TECHNICAL SESSION – 13

(Advances in Cryptography & Network Security-II)
(09:00 – 10:45)

Venue: CSE – CR1
Date: 05th March 2016

Time	Paper ID	Paper Title & Author(s)
09:00 - 09:15	020	New Approach of Authentication Method based on Profiles **R.China Appala Naidu, K Meghana, P S Avadhani, I Uma Maheswara Rao**
09:15 - 09:30	026	A Novel Approach to Detect Extraneous Network Traffic from the Compromised Router **Rajendra Patil, Chirag Modi**
09:30 - 09:45	028	Implementation of Secure Portable Real Time Display System Over Ethernet Network **Sharique Ali, Amit Sardar, Kamal Kumar Patra, Rakesh Barua**
09:45 - 10:00	077	SQL Injection Attacks in Internet Voting Systems **Huma Farheen, Chouti Roseleen, Vaibhav Pratap Singh, Haribabu Pasupuleti**
10:00 - 10:15	085	An Improved Secure Remote Login Protocol with Three-Factor Authentication **Minu Tiwari, Soumyashree S Panda, G P Biswas**
10:15 - 10:30	110	Empirical Study of Buffer Overflow Protection Mechanisms in their Ability to Defend Against Large Scale Cyber Attacks **Srikanth Veeravalli, Raghu Kisore Neelisetti**
10:30 - 10:45	194	An Efficient Lightweight Cryptographic Scheme of Signcryption Based on Hyperelliptic Curve **Vani Rajasekar, S.Varadhaganapathy, K. Sathya, J.Premalatha**

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TECHNICAL SESSION – 14

(Applications of IT)
(09:00 - 11:45)

Venue: CSE – CR2
Date: 05th March 2016

Time	Paper ID	Paper Title & Author(s)
09:00 - 09:15	037	Study of Scattering Parameters and Gain of two longitudinal Slots of Same or Different Electrical Lengths Milled on either one or both Face of Broad Wall of a Waveguide for Shunt Slot Array Antenna **Hare Ram Jha and Shiva Nand Singh**
09:15 - 09:30	063	Operation and Control of Three-Phase Multilevel Inverter with Reduced Component **Ravi Raushan, Bidyut Mahato, Kartick Chandra Jana**
09:30 - 09:45	072	Comparative Study of Asymmetrical Configuration of Multilevel Inverter for Different Levels **Bidyut Mahato, Ravi Raushan, Kartick Chandra Jana**
09:45 - 10:00	094	Study and Implementation of Synchronization Algorithm in Three Phase Grid Connected PV System **B Krishna Naick, Manisha Das, T.K. Chatterjee, Kalyan Chatterjee**
10:00 - 10:15	116	Comprehensive study of various configurations of three-phase Multilevel Inverter for different levels **Chandan Kumar, Bidyut Mahato, Ravi Raushan, Tanmoy Maity, Kartick Chandra Jana**
10:15 - 10:30	150	Modelling And Simulation Of Photovoltaic System For Isolated And Grid Connected Mode **Kumari Prerna, Gauri Shankar**
10:30 - 10:45	151	Standalone Operation Of Wind Turbine Driven Self Excited Induction Generator **Asha Rani, Gauri Shankar**
10:45 - 11:00	165	A novel SIMULINK-based model for comprehensive analysis and comparison of different inverter PWM techniques **Somnath Burman, Tanmoy Maity**
11:00 - 11:15	191	Active Power Factor Correction for Rectifier using Micro-controller **Kartikesh kumar Jha, Bidyut Mahato, Prem Prakash**
11:15 - 11:30	198	Architecture of Optical Sensing and Monitoring for Pipelines using FBG **Abhinav Gautam, Ritu Raj Singh, Amitesh Kumar, Vishnu Priye**
11:30 - 11:45	213	A Compact Tri-Band BPF using Meandered Ring Resonator **Priyanka Srivastava, Arvind Kumar Pandey, R. K. Chauhan**

TECHNICAL SESSION – 15

(Advances in Software Engineering)
(Advances in Information Retrieval)
(14:00 - 15:10)

Venue: GJLT
Date: 05th March 2016

Time	Paper ID	Paper Title & Author(s)
14:00 - 14:10	038	Modified ACO to maintain diversity in Regression Test Optimization **Sushant Kumar, Prabhat Ranjan, R. Rajesh**
14:10 - 14:20	065	Dynamic Software Product Line: An Approach to Dynamic Binding **Mahua Banerjee, Reeta Kumari**
14:20 - 14:30	091	Information Retrieval from Social Networks: A Survey **Waseem Ahmad and Rashid Ali**
14:30 - 14:40	114	Process excellence in IT sector in an emerging economic scenario **Satyajit Mahato, Amit Rai Dixit, Rajeev Agrawal**
14:40 - 14:50	127	Sentiment classification of Hinglish text **Kumar Ravi, Vadlamani Ravi**
14:50 - 15:00	154	Strategic ICT initiatives in hospitality industry to gain sustainable competitive advantage: a framework for evaluating the response lag perspective **Vivek Kumar Verma, Bibhas Chandra**
15:00 - 15:10	177	Business Data Extraction from Social Networking **Asif Uddin khan, Eric Hsiaokuang Wu**

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TECHNICAL SESSION – 16

(Advances in Artificial Intelligence & Knowledge Discovery)
(14:00 - 15:30)

Venue: CSE – CR1
Date: 05th March 2016

Time	Paper ID	Paper Title & Author(s)
14:00 - 14:10	101	A Novel Soft Set Theoretic Prisoners' Dilemma Game Model **Tuli Bakshi, Arindam Sinharay, Tanmoy Som**
14:10 - 14:20	105	An Introduction towards Automated Parameterization Reduction of Soft Set **Tuli Bakshi, Arindam Sinharay, Tanmoy Som**
14:20 - 14:30	145	Application of twitter in Health care sector for India **Avinash Kumar Barnwal, Govind Kumar Choudhary, Raj Swarnim, Aman Kedia, Saptarsi Goswami, Amit Kumar Das**
14:30 - 14:40	148	Towards An Internet of Things Framework for Financial Services Sector **V. Dinesh Reddy, G.R. Gangadharan**
14:40 - 14:50	161	Classification of Bangla Script Document using SVM **Manoj Kumar Shukla, Ajay Rana, Haider Banka**
14:50 - 15:00	176	Design of a mobile Web crawler for hidden Web **Manish Kumar, Rajesh Bhatia**
15:00 - 15:10	189	A Dynamic MicroTask Scheduling Approach for SLO based Human-augmented Computing **Koushik Sinha, Pratham Majumder, Geetha Manjunath**
15:10 - 15:20	206	Effectiveness of Prioritization of Test Cases Based on Faults **Soumen Nayak, Chiranjeev Kumar, Sachin Tripathi**
15:20 - 15:30	114	Process excellence in IT sector in an emerging economic scenario **Satyajit Mahato, Amit Rai Dixit, Rajeev Agrawal**

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TECHNICAL SESSION – 17

(Miscellaneous)
(14:00 - 15:30)

Venue: CSE-CR2
Date: 05th March 2016

Time	Paper ID	Paper Title & Author(s)
14:00 - 14:10	080	Design and study of three vertically coupled optical asymmetrical microring resonator **Suchita Lakra, Sanjoy Mandal**
14:10 - 14:20	155	Comparative study of Electrode Configurations in Different Brain Tumor Geometry for Effective Electrochemotherapy **R. Bose, S. Chatterjee**
14:20 - 14:30	156	HR Practices for Women Employees: A Study of Information Technology (IT) Sector in India **Shubhi Gupta, Govind Swaroop Pathak**
14:30 - 14:40	160	E-Governance And Use Of Information Communication Technology In Land Management System In The Jharkhand State : Problems And Prospects **H. K. Singh, Meeta Bhatia**
14:40 - 14:50	186	Enhanced Free Spectral range Triple Ring Resonator **Suman Ranjan, Sanjoy Mandal**
14:50 - 15:00	196	Construction of Amicably Resolvable Pairwise Balanced Design from Row-regular Williamson Type Matrices **M. K. Singh, Pinky Pandey**
15:00 - 15:10	197	Computer Aided Automatic Water Pipe Network Analysis by Simultaneous Loop Equation Solution Method **Kailash Jha, Manish Kumar Mishra**
15:10 - 15:20	219	Tenets of Internet of Things (IoT) Application and Java Technology **Ankesh Anupam**
15:20 - 15:30	223	Achieving Retention through Human Resource Information System: Developing a Framework **Pallavi Pandey, Saumya Singh, Pramod Pathak**

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