



R.V.S College of Engineering and Technology
Edalbera, Bhilai Pahari, Jamshedpur-831012

Department of Computer Science and Engineering

International Conference on Recent Trends in Computer Science and Technology (ICRTCST-2017)

Sponsored by

IEEE Kolkata Section

Conference Schedule - Day 2

Date: 21/04/2017		Venue: Auditorium, 2nd Floor, B4 Building, RVSCET, Jamshedpur	
10:00 AM -11:00 AM	Plenary Session II Keynote Speakers: Dr. J. P. Singh, Professor, NIT Patna Dr. Jamuna Kant Sing, Professor, Jadavpur University, Kolkata Dr. D. K. Shaw, Associate Professor, NIT Jamshedpur Prof. Sanjay Kumar, Associate Professor, NIT Jamshedpur		
11:00 AM -11:15 AM	High Tea		

TECHNICAL SESSION

		Date: 21/04/2017		Venue: Auditorium, 2nd Floor, B4 Building	
Time/Venue/Session	Sl. No.	Paper ID	Paper Title	Corresponding Author	
Technical Session III 11:15 AM-01:30 PM Auditorium, 2nd Floor, B4 Building Theme: Modern Trends in Information and Computing Technology	1	ICRTCST-2017- 121	A New Steganography Method based on Contourlet Transform	Shiv Narayan Kumar	
	2	ICRTCST-2017- 157	Secure Data Publishing Technique for Privacy Preserving	Disha Dubli	
	3	ICRTCST-2017- 135	Fuzzy A* Algorithm for Traffic Navigation System under Uncertain Environment	Pushpi Rani	
	4	ICRTCST-2017- 142	Implementing the Concept of Software Defined Networking in Cloud Computing	Rajiv Ranjan	
	5	ICRTCST-2017- 204	Implementation of 4 Bit Binary Multiplier using Wallace Tree Multiplication Algorithm and A Brief Comparison with Vedic and Conventional Multiplier	Debmalya Paul	
	6	ICRTCST-2017- 117	Solar ECG Acquisition System	Vispute DeepaliDilip	
	7	ICRTCST-2017- 141	Review on Real-Time EMG Acquisition and Hand Gesture Recognition system	Nilima Mansing Patil	
	8	ICRTCST-2017- 150	Automated Answer Evaluation	Vidya Prakash	

	9	ICRTCST-2017- 166	Digitalization: The Common Man's Solution	Nazia Tahseen
	10	ICRTCST-2017- 213	Mixed Integer Linear Programming Architecture for Internet of Things Networks	Sudhanshu Maurya
	11	ICRTCST-2017- 245	Role of Information technology / System in TQM implementation: In Indian Higher Education Institutions' context	K. Eswar Rao
	12	ICRTCST-2017- 107	An Optimization Design for The Smart Stair-Climbing Wheelchair	Shantam
	13	ICRTCST-2017- 214	ATM Security Using Face And Fingerprint Recognition	Chaitali Bhosale
	14	ICRTCST-2017- 132	Security Techniques for Protecting Data in Cloud Computing	Abu Salim
	15	ICRTCST-2017- 133	A Partition Based Scheme for Secure Data Sharing in Cloud	Abu Salim
	16	ICRTCST-2017- 163	A Comprehensive Survey on Big Data Analytics and Tools	Dr. Sheikh Gouse
01:30 PM- 02:15 PM	Lunch			
Technical Session IV & V	1	ICRTCST-2017- 111	Modeling Mediciam Insurance Selection in Indian Banks Using CRM and Weighted k-Nearest Neighbour Approach	Pratik Biswas
02:15 PM – 03:30	2	ICRTCST-2017- 105	Performance Comparison of Dispersion Compensating Fiber in 40 GBPS WDM Network using Pre, Post and Symmetrical Compensation Schemes	Tushar Kant Panda
Auditorium, 2nd Floor, B4 Building	3	ICRTCST-2017- 113	Wireless Sensor Network for Instruments and Control Systems in Oil & Gas Industry	Syed Anwarul Haque
Theme: Communication Networks and Protocols	4	ICRTCST-2017- 147	Review on Structural health monitoring system using WSN for bridges	Pooja Krishnath Patil
Theme: Text and Web Data Analytics	5	ICRTCST-2017- 152	Adaptive Load Balanced Clustering Scheme for Mobile Ad-Hoc Networks	Naghma Khatoun
	6	ICRTCST-2017- 154	A Node Stability based Multi-Metric Weighted Clustering Algorithm for Prolonging Network Lifetime in MANET	Naghma Khatoun
	7	ICRTCST-2017- 193	A Petri net Based Representation of Automated Railway Signaling System for Avoiding Collision	Rupashri Barik
	8	ICRTCST-2017- 234	Appraisal of 3D-Network-on-Chip Architecture and Contributions	Gaytri Kumari Gupta
	9	ICRTCST-2017- 246	Enhanced Long Haul WDM System using Wideband Apodized Chirped FBG Dispersion Compensator	Bibhu Prasad
	10	ICRTCST-2017- 118	A Relative Study of Spamming Detection Using Machine and Non Machine Learning Classifier	Sudeepa Das
	11	ICRTCST-2017- 225	Household of Valid Set of Functional Dependencies	Kunal Kumar
	12	ICRTCST-2017- 210	Use of Artificial Intelligence in Educating Children with Learning Difficulties – A Review	Jehantab Humaira
	13	ICRTCST-2017- 224	Development of Four Channel Data Acquisition and Digital Processing System	Alok kumar
	14	ICRTCST-2017- 168	Development of Dynamic Database Using Hibernate and Angular JS	Priya S. Zopate
	15	ICRTCST-2017- 169	Development of Runtime Environment for Addition Services for TOMCAT and MYSQL using JAVA Swing	Sayali G. Patinge
03:30 PM - 03:45 PM	Tea Break			

03:45 PM – 05:30 PM Auditorium, 2nd Floor, B4 Building	Valedictory Session
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PARALLEL TECHNICAL SESSION

		Date: 21/04/2017		Venue: Seminar Hall II, 1st Floor, B4 Building
Time/Venue/Session	Sl. No.	Paper ID	Paper Title	Corresponding Author
Technical Session III 11:15 AM-01:30 PM Seminar Hall II, 1st Floor, B4 Building Theme: Modern Trends in Information and Computing Technology	1	ICRTCST-2017- 104	E-Waste: A Great Source of Precious Metals	Poulami Bhattacharjee
	2	ICRTCST-2017- 114	A Scientific Study on Pedagogical Improvement using Computer Based Techniques	Amarnath Dutta
	3	ICRTCST-2017- 122	Fire Alarm System using IoT	Suraj Singh
	4	ICRTCST-2017- 123	Implementation of SMS gateway and IoT in Fire Alarm System	Nidhi Verma
	5	ICRTCST-2017- 124	Control Lights at Home or Office Using Light Sensor	Ravi Singh
	6	ICRTCST-2017- 125	Survey of emerging 5G Technology	Abira Dasgupta
	7	ICRTCST-2017- 131	Internet of Things: Challenges and its Future Perspective	Samit Kumar Ghosh
	8	ICRTCST-2017- 148	Security concern in E-Payment System	Ashutosh Kumar
	9	ICRTCST-2017- 149	Fog Computing and Its Role in The Internet of Things (IoT)	Diva Smriti
	10	ICRTCST-2017- 158	Chemistry Behind E-Paper	Kalpna Mahato
	11	ICRTCST-2017- 160	Garbage and Waste Management System For Smart City	Sneha Kumari
	12	ICRTCST-2017- 182	Implementation of 6 th Sense Technology in Smart Teaching	Subham Kumar
	13	ICRTCST-2017- 191	An Introduction to Bitcoin - The Digital Form of Currency	Birju Besra
	14	ICRTCST-2017- 194	Internet Of Thing Based Home Automation Using Raspberry PI	Vicky Kumar Verma
	15	ICRTCST-2017- 195	Development of Hearing Aid System	Sunil Kumar Yadav
	16	ICRTCST-2017- 203	Design of Boost Converter for SMPS Application	Prashant Kumar
	17	ICRTCST-2017- 205	MIRROR LINK	Sabiha Naaz
	18	ICRTCST-2017- 215	A Review on Tango Technology	Archana Kumari
	19	ICRTCST-2017- 217	Survey on E-paper Technology	Shaista Farhat
	20	ICRTCST-2017- 226	A Medium of Cashless Transaction through Digital Payment (E-Wallet)	Bhanu Pratap
	21	ICRTCST-2017- 241	A Study of Planar Microstripline Parameters using Computer Aided Design (CAD) Techniques	Satyendra Prasad Singh
	22	ICRTCST-2017- 242	Efficiently Managing Storage Space in IoT using WebMaDa	Deobrata Kumar
	23	ICRTCST-2017- 243	Real Time Failure Prediction System in IoT Implemented using WebMaDa	Deobrata Kumar
	24	ICRTCST-2017- 244	E-Waste Management: A Growing Challenge for the Environment	Kumar Bhashkar Poddar
	25	ICRTCST-2017- 247	Security Features in Windows Server 2016- A Review	V. Ashwini
26	ICRTCST-2017- 174	Cloud Computing Security, Taxonomy and Categorization	Sunita Swain	

01:30 PM- 02:15 PM	Lunch			
Technical Session IV & V 02:15 PM – 03:30 Seminar Hall I, 1st Floor, B4 Building Theme: Communication Networks and Protocols Theme: Text and Web Data Analytics	1	ICRTCST-2017- 108	Design of Low Power FIR Filter using Low Power Adder and Multiplier	Kundan Kumar Singh
	2	ICRTCST-2017- 115	The Proposed Hierarchical Protocol Based on Energy Efficient using Optimize approach in WSN	Manpreet Kaur
	3	ICRTCST-2017- 119	An Analysis of 100 Gbps Data Transmission in a 16-Channel WDM Network using FBG to Compensate Dispersion over a Fiber Length of 100km	Padmini Mishra
	4	ICRTCST-2017- 128	GSM based Automatic Industrial Fault Detection System	Ravi Bhushan Kumar
	5	ICRTCST-2017- 130	Energy Aware Multi-hop Routing Protocol for Internet of Things Based Wireless Sensor Network	Tapan Kumar Dey
	6	ICRTCST-2017- 140	Survey on Wireless Sensor Networks	Kumari Sonia
	7	ICRTCST-2017- 145	Energy Consumption and Security issues in Wireless Sensor Networks	S. P. Singh
	8	ICRTCST-2017- 151	A Review on Swarm Intelligence based Routing Protocols in Wireless Sensor Networks	Amit Bhattacharjee
	9	ICRTCST-2017- 156	Review on Wireless Sensor Network and its Applications	Sudhanshu Ranjan
	10	ICRTCST-2017- 159	Performance Evaluation and Comparison of Sliding Window techniques for Data Stream	Ravi Prakash
	11	ICRTCST-2017- 177	GSM based Automatic Industrial Fault Detection System	Ravi Bhushan Kumar
	12	ICRTCST-2017- 179	A Survey of 3G/4G Communication Networks	Prashant Kumar
	13	ICRTCST-2017- 183	Wireless Communication through Laser Beam	Azmat Hussain
	14	ICRTCST-2017- 202	MANET Routing Protocols – A Review	Pawan Vaskar
	15	ICRTCST-2017- 216	Wireless Sensor Network (WSN) – A Review	Tanuja Pinkey Ekka
	16	ICRTCST-2017- 218	Location Management Techniques in Wireless Sensor Network: A survey	Moumita Dawn
	17	ICRTCST-2017- 223	Wireless Health Monitoring System in Hospitals for Patients	Shalini Kumari
	18	ICRTCST-2017- 144	A Review on Data Mining Techniques	Subhendu Goswami
	19	ICRTCST-2017- 172	Study Of Google Firebase API	Ranjit Kumar Mahto
	20	ICRTCST-2017- 220	Digital Image Processing – A Review on types of Noise	Ranu Gorai
	21	ICRTCST-2017- 232	Optimization of Data Mining Techniques using Genetic Algorithm	Megha Sinha
	22	ICRTCST-2017- 237	Algorithms for Human Face Recognition: A Survey	Antiksha Dempta
	23	ICRTCST-2017- 240	Gene Identification: Classical and Data Mining Approaches	Dr. Vijay Kumar Singh
	24	ICRTCST-2017- 186	Mobile Learning: A boon for Higher Education	Dr. Jyoti Gangrade
	25	ICRTCST-2017- 187	Impacts of Computer Aided Learning (CAL) on Teaching of Language	Lata Manglani
	26	ICRTCST-2017- 181	Vascular and Non-Vascular based Retinal Features Extraction: A Review	Rupinder Kaur
	27	ICRTCST-2017- 201	Mining and Classifying Gene Pattern for early detection of PD using Fuzzy based PSO	S. Geeitha