

**International Conference on Emerging Trends in Expert Applications & Security
(ICETEAS-2018)**

February 17-18, 2018

A Truly Historical International Get-Together of Academicians/Researchers and Industrialists from More Than 10 Countries i.e.
UK, USA, Netherlands, Italy, Japan, China, Korea, Thailand, Vietnam, Taiwan And More To Join...
at

JAI PUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAI PUR, INDIA

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Prof. (Dr.) Vinay Kumar Chandna
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Prof. (Dr.) Vijay Singh Rathore
PC Chair & Convener
dr.vijaysinghrathore.cse@jecrc.ac.in

Day 1 – Feb. 17, 2018

Technical Sessions 1 [02:45 PM – 04:30 PM]

Venue : Conference Hall, Block A , JECRC , Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	30	Estimation of Microwave Dielectric Constant using Artificial Neural Networks	Sujatha Kesavan
2	33	Time Series Forecasting of Gold Prices	Saim Khan and Shweta Bhardwaj
3	34	Titanic Data Analysis by R Data Language for Insights and Correlation	Shaurya Khanna, Shweta Bhardwaj and Anirudh Khurana
4	59	Energy Efficient Cloud Computing For Smart Phones	Nancy Arya, Sunita Chaudhary and S Taruna
5	91	IoT Platform for Smart City: A Global Survey	Rakesh Roshan, Anukrati Sharma and O.P Rishi
6	116	An Analysis of Load Management system by using Unified Power Quality Conditioner For Distribution Network	Jayalakshmi D, Shankar S and Venkateshkumar M
7	117	Design and Comparative Analysis of Various Intelligent Controller Based Efficiency Improvement of Fuel Cell System	Venkateshkumar M

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Day 1 – Feb. 17, 2018
Technical Sessions 2 [02:45 PM – 04:30 PM]
Venue: IBM Lab, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	83	Enhancing data security in cloud using split algorithm, Caesar cipher and Vigenere cipher, homomorphism encryption scheme.	Abhishek Singh
2	137	Securing Web Access- DNS Threats and Remedies	Abhishek Dixit and Anchal Sehgal
3	154	A Comparative Study of Ontology Building Tools for Contextual Information Retrieval	Ripal Dilipbhai Ranpara, Ashifkhan Abdullakhan Yusufzai and Prof Dr Chandresh K Kumbharana
4	162	Malware Detection for Cyber Security Enhancement in Smart Grid	Congmiao Li, Dipti Srinivasan and Thomas Reindl
5	102	Comparative Analysis of TCP, SCTP and MPTCP in Transport Layer of Wireless Sensor Networks	Geerija Lavania, Preeti Sharma and Richa Upadhyay
6	120	Terrain Attribute Prediction Modelling for Southern Gujarat: A Geo-Spatial Perspective	Jaishree Tailor and Kalpesh Lad
7	121	Sentiment Analysis of Live Tweets after Elections	Palak Baid and Neelam Chaplot
8	165	Multi-Label Classification Trending Challenges and Approaches	Pooja Pant, A Sai Sabitha, Tanupriya Choudhury and Prince Dhingra

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Day 1 – Feb. 17, 2018

Technical Sessions 3 [02:45 PM – 04:30 PM]

Venue: CP-03, Block A, JECRC, Jaipur

S. No	Paper Id	Paper Title	Author(s)
1	31	Bone fracture detection from X-Ray image of human fingers using image processing	Anil Bharodiya and Atul Gonsai
2	32	Review of Data Analysis Framework for Variety of Big Data	Dinesh Goyal and Yojna Arora
3	79	Detection of Anomalous value in Data Mining.	Darshanaben Dipakkumar Pandya and Dr. Sanjay Gaur
4	81	Building Machine Learning based Diseases Diagnosis System Considering Various Features of Datasets	Shrawan Ram and Shloak Gupta
5	98	Incessant Ridge Estimation Using RBCA Model	Sandeep Sharma, Dr. C S Lamba and Dr. Vijay Singh Rathore
6	282	Secure Data Sharing in Groups using Attribute based Broadcast Encryption in Hybrid Cloud	Ediga.Poornima Goud, Kasiviswanath N and C.Shobha Bindu

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Day 1 – Feb. 17, 2018

Technical Sessions 4 [02:45 PM – 04:30 PM]

Venue: CP- 04, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	4	Design and Implementation of Modified Butterworth Filter for Watermarking	Indu Chhipa, Devendra Kumar Somwanshi and Rohita Gupta
2	65	Increased PSNR with Improved DWT Digital Watermarking Technique	Ifra Khan, Kushall Pal Singh, Akshay Jadhav and M A Rizvi
3	131	Ontology based personalized web information gathering	Umamaheswari B
4	151	Comparative Study of various Cryptographic Algorithms used for Text, Image and Video	Nilesh Advani, Chetan Rathod and Dr. Atul Gonsai
5	153	Comparative Analysis of Cryptographic Algorithms for Audio Encryption	Chetan Rathod, Nilesh Advani and Dr. Atul Gonsai
6	201	A Pedestrian Collision Prevention Method through P2V Communication	Jinhyuck Park, Choonsung Nam, Jangyeol Lee and Dongryeol Shin

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Day 2 - Feb. 18, 2018

Technical Session 5 [12:25 PM – 01:30 PM]

Venue : Conference Hall, Block A , JECRC , Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	39	Edge Detection Property of 2D-Cellular Automata	Shah Jahan Wani
2	45	Augmented Intelligence: A way for helping universities to make smarter decisions	Manu Sharma and Kansagra Mosami
3	68	Reliability In The Fog Computing	Manu Sharma
4	76	An Efficient Approach for Power Aware Routing Protocol for MANETs using Genetic Algorithm	Renu Choudhary and Pankaj Kumar Sharma
5	84	Smart Cloud Document Clustering and Plagiarism Checker Using TF-IDF and Brisk-Key Algorithms	Manish Sharma
6	271	State-of-the art artificial intelligence techniques in heart disease diagnosis	Nahida Nazir, Sharifa Rajab and Vinod Sharma
7	139	P2S_DLB: Pluggable to scheduler dynamic load balancing algorithm for distributed computing environment	Devendra Thakor and Bankim Patel
8	204	Diagnosis of Parkinson's diseases using classification based on voice recordings	Chitra Rajagopal P, Tanupriya Choudhury, Archana Kumari and Praveen Kumar

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Day 2 - Feb. 18, 2018

Technical Session 6 [12:25 PM – 01:30 PM]

Venue: IBM Lab, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	9	Nuts and Bolts of ETL in Data Warehouse	Sachin Sharma, Sandip Kumar Goyal, Avinash Sharma and Kamal Kumar
2	15	Analyzing Quality Of English-Hindi Machine Translation Engine Outputs Using Bayesian Classification	Shikha Maheshwari
3	13	User Identification over Digital Social Network using Fingerprint Authentication	Devender Dhaked, Manish Mathuria, Surendra Yadav and Saroj Agrawal
4	29	Fuzzy based Analysis of Information Security Situation	Ashish Srivastava and Pallavi Shrivastava
5	43	Security challenges' and application for underwater wireless sensor network	Sarvesh Kumar Kumar, Harshita Chawla, Bersha Kumari and Swati Agarwal
6	132	Low BER based Video Transmission by Transmission Control Protocol (TCP)	Gajanand Sharma and Dr. Dinesh Goyal
7	147	Performance Evaluation of Cryptographic Algorithms	Mohammed Firdos Sheikh, Dr. Sanjay Gaur and Hiral Desai
8	150	A Detailed Analysis on Several Load Balancing Algorithm in Cloud Computing	Shubra Saxena, Navneet Sharma, Jayanti Goyal and Akash Saxena
9	155	A Comparative Study of Cryptographic Algorithms for Cloud Security	Asifkhan Yusufzai, Ripal Ranpara, Mital Vora and Prof Dr Chandresh K Kumbharana
10	199	A pioneering Encryption Technique for images	Jeba Nega Cheltha C and Rajan Kumar Jha
11	200	A Survey paper on different Steganography Techniques	Shashi Kant Singh, Seema Yadav, Ankur Raj and Priya Gupta

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Day 2 - Feb. 18, 2018

Technical Session 7 [12:25 PM – 01:30 PM]

Venue: CP-03, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	8	Abnormality Detection in Brain CT Image Using Support Vector Machine	Bhavna Sharma and Priyanka Mitra
2	48	A Multiple String and pattern matching algorithm using Context free grammar	Sarvesh Kumar, Sonali Singh and Swati Aggarwal
3	49	A Review of Machine Translation Systems for Indian Languages and their Approaches	Dipalbaben Padhya and Jikitsha Sheth
4	62	A bounding box approach for performing dynamic optical character Recognition in MATLAB	Poonam Chaturvedi, Mohit Saxena and Bhavna Sharma
5	78	Multi Purposed Question Answer Generator With Natural Language Processing	Mohammed Firdos Sheikh, Hiral Desai and Satyendra Sharma
6	113	The NLP Techniques for Automatic Multi-Article News Summarization Based on Abstract Meaning Representation	Deepa Nagalavi and Dr.Hanumanthappa M
7	127	Face Detection And Recognition Using K-Means And Enhanced K-Means Algorithm With ANN	Dr. Hanumanthappa M and Dr.Ashoka S B
8	128	Sentence Tokenization using Statistical unsupervised machine learning and Rule base approach for running text in Gujarati language	Chetana Tailor and Bankim Patel
9	129	An approach to authentication of signature using Support vector machine	Upasna Jindal and Surjeet Dalal
10	134	Data Mining and its various Concepts	Alisha Sikri, Surjeet Dalal, N.P Singh and Neeraj Dahiya

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Day 2 - Feb. 18, 2018

Technical Session 8 [12:25 PM – 01:30 PM]

Venue: CP- 04, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	72	Performance Comparison of LANMAR and AODV in Heterogenous Wireless Ad-hoc Network	Madhavi Dhingra and S C Jain
2	88	k-dLst Tree: k-d tree with Linked List to Handle Duplicate Keys	Meenakshi Hooda and Sumeet Gill
3	90	Multiple Objects Tracking Under Occlusion Detection in Video Sequences	Sheshang Degadwala and Sanjay Gaur
4	104	A Video Database for Intelligent Video Authentication	Priya Gupta, Shashi Kant Singh, Seema Yadav and Ankur Raj
5	237	Social Big Data Analysis - Techniques, Issues and Future Research Perspective	Pranjali Borgaonkar, Dr Harish Sharma and Dr Arvind Sharma
6	250	A Review paper on Eye Disease Detection and Classification by machine learning Techniques	Neha Bharti, Geetika Gautam and Kirti Choudhary
7	272	Security And Privacy Issues In Big Data : A Review	Priyanshu Jadon and Dr. Durgesh Kumar Mishra
8	273	Stemmatizer – Stemmer based lemmatizer for Gujarati text	Himadri Patel and Bankim Patel
9	281	Optimal Multi- Document Integration Using Iterative Elimination And Cosine Similarity	Augustine George and Hanumanthappa M
10	283	To improve the performance of IoT by Edge computing technology	Bharat Singh Deora and Sushma Satpute
11	286	A Review of face recognition system using Raspberry Pi in the field of IoT	Arihant Kumar Jain, Richa Sharma and Anima Sharma

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Day 2 - Feb. 18, 2018

Technical Session 9 [02:30 PM – 04:00 PM]

Venue : Conference Hall, Block A , JECRC , Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	158	Development IoT for Smart Agriculture: A Review	Kamlesh Lakhwani and Hemant Gianey
2	178	Conceptual Structure of ASMAN Framework to Compare SaaS providers	Mamta Dadhich and Dr Vijay Singh Rathore
3	182	Stock Market Price Prediction Using LSTM-RNN	Kriti Pawar, Raj Srujan Jalem and Vivek Tiwari
4	183	Honeypots and its Deployment: A Review	Neeraj Bhagat and Bhavna Arora
5	191	Efficient Hybrid Recommendation Model Based on Content based and Collaborative filtering Approach	Ankita Gupta, Alok Barddhan, Nidhi Jain and Praveen Kumar
6	124	Analysis For Denoising Of ECG Signals Using NLMS Adaptive Filters	Avinash Sharma
7	236	Cloud Computing: Research Issues, Challenges And Future Directions	Dhirender Singh, Dr. R.K. Banyal and Dr Arvind Sharma
8	260	A kernel FCM based ANFIS approach to heart disease prediction	Waheeda Rajab, Sharifa Rajab and Vinod Sharma
9	118	Comparative Analysis of Load Balancing Algorithms using Cloud Analyst	Jyoti Rathore, Dr. Bright Keswani and Dr. Vijay Singh Rathore
10	144	Hybrid Technique Based on DBSCAN for Selection of Improved Features for Intrusion Detection System	Akash Saxena, Khushboo Saxena and Jayanti Goyal

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Day 2 - Feb. 18, 2018

Technical Session 10 [02:30 PM – 04:00 PM]

Venue: IBM Lab, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	140	Parkinson Disease Prediction using Machine Learning Algorithm	Richa Mathur, Vibhakar Pathak and Devesh Bandil
2	148	Optimal Ant And Join Cardinality For Distributed Query Optimization Using Ant Colony Optimization Algorithm	Preeti Tiwari and Dr. Swati V. Chande
3	185	Study on Data mining with Drug discovery	Bahul Diwan and Shweta Bhardwaj
4	192	Research Review on Digital Image Steganography Which Resists Against Compression	Darshan Mehta and Dharmendra Bhatti
5	194	Improved Google Page Rank Algorithm	Abhishek Dixit, Vijay Singh Rathore and Anchal Sehgal
6	202	Summarization Using Corpus Training and Deep Learning	Vikas Kumar, Tanupriya Choudhury, A Sai Sabitha and Shweta Mishra
7	203	Exploring open-source for machine learning problem on Diabetic Retinopathy	Archana Kumari, Tanupriya Choudhury and Chitra Rajagopal P
8	205	Analytical analysis on learners' dropout rate with data mining techniques	Shivanshi Goel, Tanupriya Choudhury, A Sai Sabitha and Inderpal Singh Mehta
9	206	Discovering the unknown patterns of crop production using clustering technique	Dakshita Sharma, A Sai Sabitha and Tanupriya Choudhury

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Day 2 - Feb. 18, 2018

Technical Session 11 [02:30 PM – 04:00 PM]

Venue: CP-03, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	52	Unlocking the enigma of for e-Governance in Rural Areas in perspective to states of India	Avinash Sharma, Sanjeev Rana and Nishi Gupta
2	89	Feature Extraction in Geospatio-temporal Satellite Data for Vegetation Monitoring	Hemlata Goyal, Nisheeth Joshi and Chilka Sharma
3	112	Air Pollutant Concentration Calculation And Prediction	Jyoti Gautam, Mahima Tiwari, Arushi Gupta and Kavya Gupta
4	125	Smart Innovation regarding bringing kitchen food items in the kitchen by automatically informing the shopkeeper by using gsm 900 board and arduino uno r3 board with proper programming.	Vijay Kumar, Vipul Sharma and Avinash Sharma
5	156	Mathematical Modelling and Analysis of Graphene using Simulink Technique	Pragati Tripathi and Shabana Urooj
6	157	Denoising Of ECG Signals Using FIR & IIR Filter: A Performance Analysis	Avinash Sharma
7	166	Virtual Reality as a Marketing Tool	Praveen Kumar, Rana Majumdar, Harry Singh and Chetna Singh
8	167	A Critical and Statistical Analysis of Air Pollution Using Data Analytics	Praveen Kumar, Paras Lalwani, Seema Rawat and Karan Rathore
9	179	Comparative Study of Feedback as Design Issue in Various Websites	Jatinder Manhas, Shallu Kotwal, Amit Sharma and Viverdhana Sharma
10	100	Impact of Try A-Gain...JINDA-DIL-KHEL on Human Psychology	Dr. Vijay Singh Rathore , Shikha Maheshwari, Dr. Kusum Rajawat, Dr. Vinay Kumar Chandna
11	161	A Dynamic Approach to Identify Page Score for Research Papers to Improve Page Ranking	Nilesh Jain and Dr. Vijay Singh Rathore

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Technical Session 12 [02:30 PM – 04:00 PM]

Venue: CP- 04, Block A, JECRC, Jaipur

S. No.	Paper Id	Paper Title	Author(s)
1	103	A Comparative Analysis of Wavelet Families for Invisible Image Embedding	Neha Solanki, Sarika Khandelwal, Sanjay Gaur and Diwakar Gautam
2	110	Software Quality Improvement through Penetration Testing	Subhash Chandra Jat, Dr. C. S. Lamba and Dr. Vijay Singh Rathore
3	181	Trust Prediction using Ant Colony Optimization and Particle Swarm Optimization in Social Networks	Rajeev Goyal
4	222	Utility of Li-Fi in Railways	Arpit Porwal, Garima Ojha and Geet Kalani
5	275	A Framework of Lean ERP focusing MSMEs for Sales Management	Shilpa Vijaiavargia and Hemant Garg
6	278	Multimedia Cloud for Higher Education Establishments, a reflection	Anjum Zameer Bhat, Vikas Rao Naidu and Prof. Baldev Singh
7	287	An Empirical study on potential and risks of Twitter data for predicting election outcomes	Abdul Manan
8	221	Predicting The Accuracy Of Machine Learning Algorithms For Software Cost Estimation	Chetana Pareta, Dr. N.S. Yadav, Ajay Kumar and Dr Arvind Sharma
9	179	Comparative Study of Feedback as Design Issue in Various Websites	Jatinder Manhas, Shallu Kotwal, Amit Sharma and Viverdhana Sharma
10	180	A Review of Sentiment Analysis on Social Media Application	Akankasha Verma and Bhavna Arora
11	274	Performance Impact on Different Parameters by the Continuous Evolution of Distributed Algorithms in Wireless Sensor Networks	Dr. V.K. Chandna, Hemlata Soni and Gaurav Gupta
12	285	An Efficient FPGA Based Shunt Active Filter For Power Quality Enhancement	K Baskaran K and Naveena Palanisamy
13	288	An Intelligent Framework for Sentiment Analysis of Text and Emotions–Implementation of Restaurants’ Case Study	Esha Tyagi and Dr Arvind K Sharma