



MLR INSTITUTE OF
TECHNOLOGY
(AUTONOMOUS)

(Affiliated to JNTU, Hyderabad and Approved by AICTE - New Delhi)

| First International Conference on Artificial Intelligence and Cognitive Computing (AICC 2018) | | | |
|---------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|------------------------------------------------------------------------------------|
| Department of Computer Science & Engineering and Information Technology, MLR Institute of Technology | | | |
| DAY-I | | | |
| 2nd February 2018 | | | |
| Track #1: Big Data & Data Mining | | | |
| Venue: CSE SEMINAR HALL(SR-301) | | | |
| S.No | Paper ID | Name of the author | Title of the Paper |
| 1 | 11 | L.M.R.J. Lobo | Acquiring Best Rules that Represent Datasets |
| 2 | 23 | Raghunadha Reddy T | A New Document Representation Approach for Gender Prediction using Author Profiles |
| 3 | 31 | Sreenivas M | Impact of Term Weight Measures for Author Identification |
| 4 | 42 | Hanuman Reddy N | Bioinformatics and Image Processing-Detection of plant disease |
| 5 | 55 | Goel Parth | Bioinformatics: An Application in Information Science |
| 6 | 66 | Sumanta Kuila | A generic survey on Medical Big Data Analysis using Internet of Things |
| 7 | 70 | Dr. M. Raja Sekar | Mean Estimation Under Post-Stratified Cluster Sampling Scheme |
| 8 | 71 | K Durga Prasad | Privacy-preserving Naive Bayesian Classifier for Continuous Data and Discrete Data |
| 9 | 94 | E,Padmalatha | Compact Clusters on Topic based data streams |
| 10 | 108 | Emil Richard Singh | Enhancing Prediction accuracy of default of Credit using Ensemble techniques |
| 11 | 110 | Annam Naresh | Automatic Classification of Bing Answers User Verbatim Feedback |



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| DAY-I | | | |
| 2nd February 2018 | | | |
| Track #2: Artificial Intelligence , Cognitive Computing and Image Processing | | | |
| Venue: MECH SEMINAR HALL(AK-303) | | | |
| S.No | Paper ID | Name of the author | Title of the Paper |
| 1 | 8 | Rajkumar Joseph | Automatic Retail Product Image Enhancement and Background Removal |
| 2 | 12 | S. G. Gino Sophia | Morphological based Localization of an Iris Image |
| 3 | 25 | A.Hariprasad Reddy | Local Edge Patterns for Color Images: An approach for image indexing and retrieval |
| 4 | 35 | Ramesh Dadi | Cognitive Based Adaptive Path Planning for Mobile Robot in Dynamic Environment |
| 5 | 37 | Suwarna | Prediction for Indian Road Network Images Dataset Using Feature Extraction Method |
| 6 | 40 | Yugandhar Garapati | Design and simulation of Capacitive MEMS Accelerometer |
| 7 | 72 | Fareeha Rasheed | Learning Style Inference: A neural network approach |
| 8 | 76 | D. Vaishnavi | KAZE Feature based Passive Image Forgery Detection |
| 9 | 100 | Sreedhar Bhukya | Accent issues in continuous speech recognition system |
| 10 | 130 | Singh Arun Kumar | DCT and DWT Based Intellectual Property Right Protection in Digital Images |
| 11 | 107 | E.V.N.Jyothi | Effective Handling Personal Electronic Health Records using Metadata over cloud computing |



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DAY-I

2nd February 2018

Track #3: Cloud Computing ,Internet of Things and Security

Venue: ECE SEMINAR HALL(AK-410)

| S.No | Paper ID | Name of the author | Title of the Paper |
|------|----------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1 | 26 | Dr R China Appala Naidu | Secure Privacy Preserving of Personal Health Records using Attribute Based Encryption in Cloud Computing |
| 2 | 28 | Padmaja B | Detect Stress: A Novel Stress Detection System Based on Smartphone and Wireless Physical Activity Tracker |
| 3 | 47 | Prabhakar | Software Modernization through Model Transformations |
| 4 | 49 | Sivaji.U | Optimizing Regression Test Suite Reduction |
| 5 | 54 | N.Anil Kumar | Attacks on Two key Elliptic Curve Digital Signature Algorithm |
| 6 | 62 | Raghavendra | Speaker Diarization System Using Hidden Markov Toolkit |
| 7 | 64 | S. Srinivasulu | Survey : Enhanced Trust Management for improving QoS in MANETs |
| 8 | 73 | Ramu Kuchipudi | An Enhanced Efficiency of Key Management method for Wireless Sensor Networks Using Mobile Agents |
| 9 | 75 | Sai Supriya | A Survey On Emotion's Recognition Using Internet Of Things |
| 10 | 88 | <u>Sravanth Kumar Ramakuri</u> | Performance and Analysis of Human Attention using single channel Wireless EEG sensor for Medical Application |
| 11 | 156 | Suresh Limkar | iBeacon Based Smart Attendance Monitoring and Management System |
| 12 | | Amruta Rout | Application of Fuzzy-Regression method for selecting welding conditions to improve the weld quality in Gas Metal Arc welding |



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DAY-II

3rd February 2018

Track #4: Big Data & Data Mining

Venue: CSE SEMINAR HALL(SR-301)

| S.No | Paper ID | Name of the author | Title of the Paper |
|------|----------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1 | 32 | Dr. SasiBhanu J | Automating WEB interface in relation to User Behavior |
| | 33 | S. Venkateswarlu | Identification of Effective Parameters for Designing a Data Channel |
| 2 | 95 | Srikanth Reddy G | Author Profiling Approach for Location Prediction |
| 3 | 96 | G.Sowmya | Machine Learning and Mining for Social media Analytics |
| 4 | 113 | D. Durga Bhavani | Big Data Analytics on Aadhar Card Dataset in Hadoop Eco System |
| 5 | 119 | Dr. Boddu Ravi Prasad | Improving Performance of MapReduce in Hadoop by using Cluster environment and key-value pair localization |
| 6 | 124 | J.Pradeep Kumar | Migration Of Big Data Analysis From Hadoop's Map Reduce To Spark |
| 7 | 133 | Anvesh K | Improving Student Academic Performance using an Attribute Selection Algorithm |
| 8 | 136 | B.M.S.Rani | A Hybrid Biometric Identification And Authentication System With Retinal Verification Using AWN Classifier For Enhancing Security |
| 9 | 140 | Thulasi | A Swarming the High Dimensional Data Using a Novel Classification Algorithm |
| 10 | 147 | VSSN Gopala Krishna | Comparative study of Automatic Urban Building Extraction Methods from Remote Sensing Data |
| 11 | 148 | Madhu Oruganti | Difference Expansion Based Near Reversible Data Hiding Scheme |
| 12 | 172 | Raghavendra | Big Data Sentiment Analysis using Distributed Computing Approach |



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| 3rd^d February 2018 | | | |
| Track #5: Artificial Intelligence , Cognitive Computing and Image Processing | | | |
| Venue: MECH SEMINAR HALL(AK-303) | | | |
| S.No | Paper ID | Name of the author | Title of the Paper |
| 1 | 46 | Mohanraj V | Hybrid Approach for Pixel Wise Semantic Segmentation using SegNet and SqueezeNet for Embedded Platforms |
| 2 | 50 | Saurabh Mishra | Application Monitoring - Active Learning Approach |
| 3 | 53 | Venugopal | An Automated Computer Vision System for Extraction of Retail Food Product Metadata |
| 4 | 48 | Balavenkat | Semi-automatic Annotation of Images using eye GAZE data (SAIGA) |
| 5 | 56 | K Kavikuil | Leveraging Deep Learning Techniques For Anomaly Detection In Video Surveillance |
| 6 | 131 | Sandeep Sharma | A Study On Multi Agent Systems In Cognitive |
| 7 | 132 | Ravi Prakash Reddy I | Mutual Information based Intrusion Detection System using Multilayer Neural Network |
| 8 | 135 | B. Suneetha | Brain Tumor Detection In MR Imaging Using DW- MTM Filter And Region Growing Segmentation Approach |
| 9 | 149 | Chatakunta Praveen Kumar | A New Method for Edge detection under Hazy Environment in Computer Vision |
| 10 | 164 | B.M.S.Rani | A Powerful Artificial Intelligence Based Authentication Mechanism Of Retina Template Using Sparse Matrix Representation With High Security |
| 11 | 97 | Ramesh Marella | Reduction of Co-Channel Interference And Estimation of Channel for Space-Time Based OFDM system over Doubly Selective Channel |
| 12 | 129 | Abhay Atrish | Enhanced homography based sports image components |



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| DAY-II | | | |
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| Track #6: Cloud Computing ,Internet of Things and Security | | | |
| Venue: ECE SEMINAR HALL(AK-410) | | | |
| S.No | Paper ID | Name of the author | Title of the Paper |
| 1 | 22 | P Munaswamy | Design Of Rms Model Order Reduction Automation Tool For Realisation And Stability Analysis Of Model Pupillary Light Reflex Systemreduced Order |
| 2 | 92 | K.Nirosha | Smart Heart Beat Monitoring System Using Machine Learning |
| 3 | 109 | Shanmukhi | A Comparison Review On Comb-Needle Model For Random Wireless Sensor Networks |
| 4 | 125 | Sripada Soumya | A Review: Health Care Monitoring Using Internet of Things |
| 5 | 138 | Dr C Balarengadurai | Multistage Interconnection Networks in Reliability Shuffle Exchange Networks |
| 6 | 142 | Supriya B. Sarkar | Review on Autonomous Vehicle Challenges |
| 7 | 161 | Bhavana Godavarthi | Fault Identification in Power Lines using GSMand IoT Technology |
| 8 | 162 | Paparao N | Design of Intelligent Mobile Case Framework based on IoT |
| 9 | 163 | Paparao N | Analysis and Optimization of FIR filters using Parallel Processing and Pipelining |
| 10 | 85 | Gouthami Velakanti,P.Niranjan | Efficiency based Analysis of Homomorphic Encryption Implications |



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DAY-I

2nd February 2018

Track #: J1

Venue: BIG DATA LAB (SR201)

| S.No | Paper ID | Name of the author | Title of the Paper |
|------|----------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 9 | P. S. V. Sucheta | Building an IoT web services for Intelligent Systems |
| 2 | 16 | Priyadarshini Chatterjee | Image Processing, Support Vector Mechanism, and Genetic Algorithm –A hybrid technique to detect cancerous growth in Digital Mammograms |
| 3 | 24 | Mrs. T.K. Lakshmi | A Survey On Traditional And Earlier Job Scheduling In Cloud Environment |
| 4 | 39 | Ramesh A | A New Technique For Balancing Load In Cloud Computing |
| 5 | 41 | Dr. S. Sai Satyanarayana Reddy | Human Like Cognitive Robotics |
| 6 | 51 | SrinivasaRao Valluru | Forecasting Revenue A Nested Time Series Approach |
| 7 | 68 | Srivani,N. | Issues Of Big Data Streams |
| 8 | 77 | Dara Anitha | Accident Prediction Based On Accident Types Using Spatiotemporal Clustering Algorithms |
| 9 | 80 | Sirisha N | Machine Learning Challenges Of Big Data |
| 10 | 84 | Raghavendra C | Diarizing Telephone Speech Conversations using Mean Shift Clustering Algorithm |
| 11 | 86 | K. Sai Prasad I | Automated Online Shipper Conveying Transfer System Using Iot |



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| DAY-I | | | |
| 2nd February 2018 | | | |
| Track : J2 | | | |
| Venue: IOT LAB(AK001) | | | |
| S.No | Paper ID | Name of the author | Title of the Paper |
| 1 | 90 | A.Jyothi | Geo Intelligent Car Parking System |
| 2 | 99 | Kiran Kumar G | Mining Significant Co-Location Patterns at Multiple Distances |
| 3 | 101 | Mr. Kishore Babu Dasari | Distributed Denial of Service Attacks, Tools and Defence Mechanisms |
| 4 | 102 | A.Santoshi | An efficient approach of data transformation in MANET |
| 5 | 112 | P.Madhur | A Review on Frequent Itemset Mining Methods in Data Mining |
| 6 | 118 | Dr M Nagalakshmi | An Effective Analysis Of Hadoop Family Frameworks |
| 7 | 127 | S Shoba Rani | Review on Neural Networks Associative Memory Models |
| 8 | 137 | Naresh Alapati | Experimental evaluation of big-data mining based on user perspective (BDMBUP) |
| 9 | 139 | N. BalaYesu | Comparative Study Of Face Recognition Techniques |
| 10 | 143 | K Yella Swamy | Product Survey Analysis Based On Customer Reviews |
| 11 | 21 | Dr.B. Seetharamulu | Survey on Cognitive Radio Scene Analysis - Brain-Empowered Wireless Communications |
| 12 | 81 | D.Surya Chandra Babu | Determining Spo2 Level and Heartbeat using Phone Camera |
| 13 | 216 | K.L.Revathi | Flexible Work Arrangements Of I T Service Organizations And Affective Employee Enrichment |



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DAY-II

3rd February 2018

Track : J3

Venue: BIG DATA LAB (SR201)

| S.No | Paper ID | Name of the author | Title of the Paper |
|------|----------|-----------------------------------|-----------------------------------------------------------------------------------------------------|
| 1 | 145 | Chandramohan.B | Prediction and Prevention of Domestic Violence from Social Big Data using Machine Learning Approach |
| 2 | 146 | Raviteja D | Vehicle Hacking Vulnerabilities In Driverless Car |
| 3 | 150 | G.Sowmya | A Comparison of Scheduling Algorithm for Best Utilization of Memory |
| 4 | 151 | G.Keerthi I | Digital Image Processing Techniques Using MATLAB |
| 5 | 152 | V.Vara Lakshmi | Illumination Invariant Face recognition by using Discrete Cosine Transform |
| 6 | 153 | M.Ashok | Load Balancing in cloud computing using Bluemix |
| 7 | 154 | A.Srujan I | Secure Storage of health report in cloud using Identity Based Encryption |
| 8 | 155 | B. Ramya Sri | Secured Algorithm for Cloud Storage Security |
| 9 | 157 | Anand Velagandula | Query Expansion Based Classifier For Web Information Retrieval |
| 10 | 159 | Priyadarshini Chatterjee | Data Analysis by Optimization of the Architecture of Neural Network |
| 11 | 79 | N.Krishnavardhan | An Advanced framework to Identify Cybercrime using Data Analytics |
| 12 | 176 | Ponnuru Sowjanya,K. V. N. Sunitha | Enhancing the Data Security in Cloud using Hybrid algorithm |
| 13 | 215 | Prabhakar K | A Model Driven Approach To Regression Testing Of Reusable Software |



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| 3rd February 2018 | | | |
| Track : J4 | | | |
| Venue: IOT LAB(AK001) | | | |
| S.No | Paper ID | Name of the author | Title of the Paper |
| 1 | 165 | N. Satyavathi | Research Travelogue-performance Evaluation of Index Support Item Set Mining Algorithms |
| 2 | 166 | E. Balakrishna | Mining of Negative Association Rules |
| 3 | 167 | muni sekhar | A Survey on Near-reversible Data Hiding Techniques |
| 4 | 170 | Madhu Bala Myneni | Neoteric Restaurant E-Reservation by Using Multi Attribute Hybrid Recommendation System |
| 5 | 171 | S. Shireesha | Knowledge Based - Employee Retention in Human Resource Management Strategy |
| 6 | 173 | G. Kiran Kumar | Automated Deployment with DevOps culture |
| 7 | 175 | Dr. K. Jairam Naik | Workflow Scheduling Algorithm in Multi-Tenant Cloud Computing Environments (NCWSA) |
| 8 | 210 | M. Shanmukhi | Weighted Compressive Sensing With K-Means Algorithm In Wireless Sensor Networks |
| 9 | 211 | Swathi Amancha | A Secured Surveillance System for Monitoring Your Home |
| 10 | 212 | N Sainath | An Efficient Technique for Energy proficient Clustering Based Routing For Packet Split and Merge in Wireless Sensor Networks |
| 11 | 213 | Dr. D.B.K.Kamesh | Home Automation Using GSM |
| 12 | 214 | Akella Amarendra Babu | Online Speaker Recognition in Robust Speech Coder using Phonemic Distance Measurements For Security in the Military Net-Centric Communications |



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| 13 | 67 | Dr.K.Kiran Reddy | Organizing Disaster Relief Operations Using Smart Phone/Pda Based Peer-To-Peer Communication |
| 14 | 74 | R Ravinder Reddy | A Review on the Intelligence of Things |
| 15 | 87 | Dr A.Annamalai giri | A Survey of an Image and Video Denoising Techniques |
| 16 | 217 | Symbabu | Safety system for avoiding vehicle accidents using MEMS Accelerometer |