



Two Day UGC-SAP National Conference
on



“Pattern Recognition, Informatics and Medical Engineering” (PRIME - 2019)
21st & 22nd March, 2019

PROGRAMME SCHEDULE

Day – 1 (21- March- 2019)

| Time | Session | Venue |
|-------------------------|---|---|
| 9.30 a.m. – 10.00 a.m. | Registration | Dept. of Computer Science (New Building) |
| 10.00 a.m. – 11.15 a.m. | Inauguration | Seminar Hall |
| 11.15 a.m. – 11.30 a.m. | Tea Break | |
| 11.30 a.m. – 1.00 p.m. | Plenary Talk – I <i>Dr. Saroj Kumar Meher</i> <i>Associate Professor</i> <i>Indian Statistical Institute-Bangalore</i> | Seminar Hall |
| 1.00 p.m. – 2.00 p.m. | Lunch Break | |
| 2.00 p.m. – 3.30 p.m. | Plenary Talk – II <i>B. S. Daya Sagar</i> <i>Founding Chairman, Bangalore Section</i> <i>IEEE GRSS Chapter</i> <i>Professor & Former Head</i> <i>Systems Science and Informatics Unit</i> <i>Indian Statistical Institute-Bangalore</i> | Seminar Hall & Lecture Hall - I |
| 3.30 p.m. – 3.45 p.m. | Tea Break | |
| 3.45 p.m. – 5.30 p.m. | Technical Sessions –I [contd.] & Technical Sessions –II [contd.] | Seminar Hall & Lecture Hall - I |

Day – 2 (22- Mar – 2019)

| Time | Session | Venue |
|-------------------------|--|---------------------------------------|
| 10.00 a.m. – 11.30 a.m. | Plenary Talk – III <i>Prof. M. Ramasamy</i> <i>Department of Computer Application</i> <i>Madurai Kamaraj University – Madurai</i> | Seminar Hall |
| 11.30 a.m. – 11.45 a.m. | Tea Break | |
| 11.45 a.m. – 1.00 p.m. | Plenary Talk – IV <i>Prof. K. Sekar</i> <i>Laboratory for Structural Biology and</i> <i>Bio-computing</i> <i>Department of Computational and Data</i> <i>Sciences</i> <i>Indian Institute of Science</i> <i>Bangalore</i> | Seminar Hall |
| 1.00 p.m. – 2.00 p.m. | Lunch Break | |
| 2.00 p.m. – 4.00 p.m. | Technical Sessions –III & Technical Sessions –IV | Seminar Hall & Lecture Hall - I |
| 4.00 p.m. – 4.15 p.m. | Tea Break | |
| 4.15 p.m. – 4.45 p.m. | Valedictory Function | Seminar Hall |

Technical Session - I

Track – I (a): Machine Learning and Pattern Recognition

Venue: Seminar Hall

Date & Time: 21-Mar-2019 3.45 p.m. – 5.30 p.m.

| S.No | Paper ID | Paper Title |
|------|------------|--|
| 1. | PRIME1908 | Cyclic Variations of In-cylinder flows Analysis through Image processing using Visualisation Technique B. Murali Krishna |
| 2. | PRIME19014 | Bi-graph approach for test case prioritization K.Ponmalar Karuna, S.Monisha Kumar and Dr.C.P.Indumathi Mohankumar |
| 3. | PRIME19015 | A Observe on one of a kind approaches a Big Data Analytics is the nice profession move within the Organisations P.Anbumani |
| 4. | PRIME19019 | Automatic detection of secondary nutrient deficiency in paddy leaves using image processing technique Sivagami S and Dr. Mohanapriya S |
| 5. | PRIME19024 | Computational Analysis of Content Based Image Retrieval using Color based Image Segmentation with K-Nearest Neighbor Classifier Parvin Navab and Dr.P.Kavitha |
| 6. | PRIME19026 | Deriving Tumor Detection Convolution Neural Network Models From MRI of Human Brain Scans Kalaiselvi T and Padmapriya S T |
| 7. | PRIME19030 | Generating Effective Test Suite Size using Similarity Based Greedy Approach Bharathi M, Ammu P and Dr.Indumathi C.P |
| 8. | PRIME19033 | Fuzzy Color Local Binary Pattern Algorithm for Image Hashing Vignesh Venkatachalam and Mythili T |
| 9. | PRIME19034 | A Survey on Content Based Medical Image Retrieval System Kalaiselvi T and Anitha T |
| 10. | PRIME19037 | A Novel Algorithm on Enhanced K-Means Clustering Algorithm for Document Clustering S. Periyasamy Dr. R. Kaniezhil |
| 11. | PRIME19038 | Conceptual study-A review on various machine learning algorithms of datamining Lakshmi CB |
| 12. | PRIME19039 | A Classified Sentiment Analysis for Twitter using Support Vector Machine (SVM) |

| S.No | Paper ID | Paper Title |
|-------------|-----------------|---|
| | | Nagamanjula. R and Dr.A.Pethalakshmi |
| 13. | PRIME19041 | Data Mining Classification Techniques for the Diagnosis of Diabetes Mellitus – A Review K. Saravana Priya |
| 14. | PRIME19044 | Efficiency Measures of Predicting Classifier Models under Maternal Health Care Kavitha D and Balasubramanian T |
| 15. | PRIME19053 | Relevance of Machine Learning Algorithms on Soil Fertility Prediction using R R.Jayalakshmi and M.Savitha Devi |
| 16. | PRIME19056 | Machine Learning Feature Selection of EEG Signals in Brain Computer Interface Jeyanthi M and Velayutham C |

Technical Session – II**Track II (a): Networks and Informatics****Venue: Lecture Hall –I****Date & Time: 21-Mar-2019 3.45 p.m. – 5.30 p.m.**

| S.No | Paper ID | Paper Title |
|-------------|-----------------|--|
| 1. | PRIME1902 | Discretive cuckoo search resource optimized map reduce for predictive scheduling with big stream data Arunadevi N and Vidyaa Thulasiraman |
| 2. | PRIME1904 | Digital industry network management application Kiran Dev S, Yokavickneswaran R and Kowshal S |
| 3. | PRIME1905 | Framework for effort estimation using hybrid swarm particle optimization Manohar Kodmelwar, Shashank Joshi and V. Khanna |
| 4. | PRIME1906 | Energy efficient path selection mechanism for DSR protocol in MANET Vinothani Rajasekar |
| 5. | PRIME19011 | Adaptive optimization for continuous multi-way joins using ACO system Sakthivel G and Madhubala P |
| 6. | PRIME19020 | Senseme: Framework for Notifying Public Events Using Mobile Crowd Sensing G.S. Karthick, P.B. Pankajavalli and M. Sridhar |
| 7. | PRIME19027 | Enhancing the collaborative agent in Wireless sensor network Murali S and Sathya V |
| 8. | PRIME19028 | Enhanced Adaptive Multi hop Cluster in wireless sensor networks Saravanan R and Sathya V |
| 9. | PRIME19031 | Selection and Navigation of Data Packets using LBN Algorithm in Wireless Sensor Network Priya Viswanathan and Mohanapriya S |
| 10. | PRIME19042 | Using nomadic computing with li fi to attain muscular frequency Gayathiri Arumugam and Mohanapriya S |
| 11. | PRIME19043 | A Novel Approach for Feature Extraction based on Topic Modelling for Fake News Detection Sandrilla Rajendran and Savitha Devi |
| 12. | PRIME19047 | An Analysis of Security Protocols in Wireless Networks Shoba Nehru and Sathya V |

| S.No | Paper ID | Paper Title |
|-------------|-----------------|--|
| 13. | PRIME19050 | Integration Of Algorithms and Constraints for Routing Protocols in Wireless Sensor Networks Sudha Madhaiyan and Savitha Devi |
| 14. | PRIME19054 | Seamless mobility using gra and wpm methods for heterogeneous mobile networks Ajith T, Saravanan R and Murali S |
| 15. | PRIME19055 | Link stability based secure path selection scheme for MANET Sophiya T and Sathish S |
| 16. | PRIME19057 | A Novel Defensive Scheme for Vulnerable De-duplication (NDSVD) Procedure in Virtual Environment for Optimized Memory Management Geetha K and Dr. Vijaya A |

Technical Session - III**Track – I (b): Machine Learning and Pattern Recognition**

Venue: Seminar Hall

Date & Time: 22-Mar-2019

Time: 2.00 p.m. – 4.00 p.m.

| S.No | Paper ID | Paper Title |
|------|------------|--|
| 1. | PRIME19013 | Early detection of ovarian cancer using mlp classification technique in data mining S. Kavitha Senthil |
| 2. | PRIME19016 | A Study on Sensor Based Human Activity Recognition Using Deep Learning Techniques Madasamy Sornam and Karthigasri R |
| 3. | PRIME19017 | Analysis of semi-finished leathers based on feature extraction and statistical measures Madasamy Sornam and Nithiyanantha Vasagam S |
| 4. | PRIME19029 | Eye Tracking in Human-Computer Interaction Research: Potential Indicators to Measure Cognitive Load J Antony William and Dr. Ramaswami Muruges |
| 5. | PRIME19032 | Stock market prediction using machine learning techniques Chithra PI and Janani S |
| 6. | PRIME19035 | Analysis of child abuse data using machine learning algorithms Dr.R.Uma Rani, R Suguna and P Tamilarasi |
| 7. | PRIME19036 | Optimization of Non-Local Means Filter for Brain Tissues Segmentation from MRI Head Scans Kalaiselvi T and Kalaichelvi N |
| 8. | PRIME19045 | An algorithm to avoid backtracking for a generalized Knight Tour Problem with parallel approach S Vijayakumar and Vidyaathulasiraman |
| 9. | PRIME19048 | Secured video transmission using certain exploration and empirical study Menaka Gurusamy and Rajendran N |
| 10. | PRIME19049 | A Novel convnet Technique for Analyzing Tweet Behaviour Geetha S and Kaniezhil R |
| 11. | PRIME19051 | Tweedie Regression model with Fuzzy membership function Santhana Lakshmi, Ramya Veeraragavan and Dr.R.Geetha |
| 12. | PRIME19052 | Advanced Multispectral Image Fusion based on Frequency Partition and Normalization Chinnem Rama Mohan, S Kiran, A Ashok Kumar and G Jagadeeswar Reddy |

Technical Session - IV

Track II (b): Networks and Informatics

Venue: Lecture Hall -I

Date & Time: 22-Mar-2019 2.00 p.m. – 4.00 p.m.

| S.No | Paper ID | Paper Title |
|------|------------|---|
| 1. | PRIME1901 | Critical Review and Analysis of Cyber Vulnerability in Public Cloud Environments Elanchezlian P, Sudhandradevi P and Bhuvaneshwari V |
| 2. | PRIME1903 | Resource constrained devices based Lightweight Cryptography: A Comprehensive Approach Girija Manickam, Manickam Pitchai, Bhuvaneshwaran Arivukkarasu and Ramaswami M |
| 3. | PRIME1907 | Optimizing fully homomorphic encryption algorithm using RSA and Diffie- Hellman Advance in cloud computing Muthubharathi C |
| 4. | PRIME19009 | A Survey of Safe Information Hiding Using Steganography with its Techniques Muthubharathi C |
| 5. | PRIME19010 | A Review Of Graphical Password In Multi-Factor Authentication G Aswini and P Jayanthi |
| 6. | PRIME19012 | Exploring Secure image transmission techniques in Cloud-iot Denis R and Dr. Madhubala P |
| 7. | PRIME19021 | An analysis of data mining approach for quality of service complaints in cloud using event log management system Rajalakshmi Subramani and Madhubala Sivaji |
| 8. | PRIME19022 | Analysis of Data Mining for Credit Card Fraud Detection Techniques S.Vijaya Bharathi and A.Manikandan |
| 9. | PRIME19023 | Big Data Security: A Review Of Encryption Techniques In Big Data Geethanjali M and Madhubala P |
| 10. | PRIME19025 | Inevitable use of cloud computing in education in the digital world Dharmaraj S and Dr. Kavitha P |
| 11. | PRIME19040 | Efficient Network Intrusion Detection Using Optimized Ensemble Weak Learner Tree Mohanapriya K and Dr. Savitha Devi M |
| 12. | PRIME19046 | A secure mechanism to detect black hole attack in manet Harikrishnan Baskaran and Dr T.Balasubramanian Thangavel |

SITE MAP - PRIME 2019

