



SRM INSTITUTE OF SCIENCE & TECHNOLOGY, VADAPALANI CAMPUS, CHENNAI – 26.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESEARCH CONFERENCE ON DATA & DECISION SCIENCE – RCDDS 2018

SESSION 1: OPTIMIZATION & DECISION MAKING (DAY 1)

SESSION CHAIR:

Dr. K. SURYAPRAKASA RAO,

Former Professor, CEG, Anna University, Chennai,
Dean - Academics, DMS SVH College of Engg, Machilipatnam, AP.

DATE: 04-05-2018 / TIME: 1.30 PM to 3.30 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	8	Subbu Lakshmi B, Vijaya Lakshmi T and Deisy C	Top Rank k Frequent Itemset Mining using Diffnodesets	THIAGARAJAR COLLEGE OF ENGINEERING
2.	9	SangaviVijayakumar, SashaankMurali, RushvanthBhaskar and KarthikaSubburaj	PREDPATROL (Predictive Patrolling): A machine learning based visualization tool for crime type prediction.	SSN COLLEGE OF ENGINEERING
3.	52	Nandhini S, Melwyn V, Vignesh B, Vikash Singh and Ravi Krishna	Job Designation Classification using Random Forest	SRM INSITITUTE OF SCIENCE AND TECHNOLOGY
4.	66	BimanGiri, MsivagamiPeriannan and Maheswari N	Frequent Item Set Mining For Data Streaming Using Spark with Pincer Search Algorithm	VIT CHENNAI
5.	77	AbhishekMitra and ShaikNaseera	Content Based Article Authenticity Detection System	VIT UNIVERSITY, VELLORE
6.	109	PriyadarsiniPlk, Subalakshmi Ks, ChadaladaMounika and Divya Vs	Optimised Clustering Algorithm Suitable for Accident Analysis	SASTRA DEEMED TO BE UNIVERSITY
7.	140	NandhiniRengaraj, Sabitha L, Kavitha Mohan and Muthurasu N	Movie Recommendation system using TF-IDF and Cosine similarity method	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY



SESSION 2: BIG DATA & MACHINE LEARNING (DAY 1)

SESSION CHAIR:

Dr. S. PALANIVEL

Professor, Dept. of CSE, Annamalai University, Chidambaram,

DATE: 04-05-2018/ TIME: 1.30 PM to 3.30 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	19	M.Rubina begam	Comparative study and assessment of assorted big data analytics application of analytics	IFET College of Engineering
2.	37	ShabariPragash L, Muthukannan K and Karthika S	Predicting the Trend of New User Generated Hashtag using Twitter Features	SSN COLLEGE OF ENGINEERING
3.	42	Shiddanagouda F Byanigoudra, Vani R M and P.V Hunugund	High Data Rate DGS Based Mimo Antenna For Wireless Applications	GULBARGA UNIVERSITY GULBARGA
4.	63	Chandni Naidu, Dhanush Kumar, N Maheswari and M Sivagami	Prediction of Alzheimer's Disease using OASIS dataset	VIT UNIVERSITY, CHENNAI
5.	78	Priyadharshini A, Praveena G and Megalai J	Predetermining malicious detection in data analytics application in the field of secured infrastructure using BDSA approach.	PODHIGAI COLLEGE OF ENGINEERING
6.	80	SamyukthaMadhusudhanThumala, Mahalakshmi G and Uma R	Diagnosing Stealth Dyslexia using Artificial Neural Networks	SRI SAI RAM ENGINEERING COLLEGE
7.	86	AyonSaha and Sreejith C	Knowledge-Based Medical Inference Framework on Clinical Trials	CALPINE LABS
8.	94	Mohammed HarunBabu, SaiBhanuja B, Vinayakumar R, Sowmya V and Soman K P	Deep Neural Network for Phonocardiogram Signal Classification	AMRITA VISHWA VIDYAPEETHAM
9.	111	Neethu P, MeherMadhuDharmana and Indu V	Plastic Recognition System Based on Audio Signal	AMRITA VISHWA VIDHYAPEETHAM
10.	130	Harish G, Kalaivani G, Charulatha B S and Sibi K	Automatic News Article Categorisation in Tamil Language	RAJALAKSHMI ENGINEERING COLLEGE



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SESSION 3: NETWORKS & CLOUD COMPUTING (DAY 1)

SESSION CHAIR:

Dr. V. VIJAYAKUMAR

Associate Dean, Department of CSE, VIT University, Chennai.

DATE: 04-05-2018/ TIME: 1.30 PM to 3.30 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	39	Logesh R	Hybrid User Clustering-based Travel Planning System for Personalized Point-of-Interest Recommendation	SASTRA Deemed University
2.	40	Monica Jha, Swarup Roy and Pietro Guzzi	Ensemble Approach for Extracting Functional Network Modules from RNASeq	SIKKIM UNIVERSITY
3.	49	Tathagata Manna, Soumajit Chowdhury and Shruti Mehta	A Survey Of PEGASIS Algorithm	KIIT UNIVERSITY
4.	53	Nandhini S, Dr. K.Ashok Kumar	A Novel Approach Of Live Streaming And Buffering With IOT Based On Cloud In Agriculture	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
5.	60	Dr.Renugadevi S and Krithika Rajagopalan	User Recommendation system based on normal forum parameters and user behaviour	Anna University
6.	67	M Kiranmayi Madana	Privacy Preservation in Attribute Couplet Attack by Node addition	VIT, CHENNAI
7.	83	Anson Simon, Vinayakumar R, Sowmya V and Soman K P	Shallow CNN with LSTM Layer For Tuberculosis Detection In Microscopic Images	Amrita Vishwa Vidyapeetham, Coimbatore
8.	84	Nithiya S, Priyadarshini A and Srividhya S	Position Update With Machine Learning In Mobile Adhoc Network Using Modified GPSR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
9.	110	Rajkumar J	Impact of Image Size on accuracy and generalization of Standard Convolutions Neural Network	Cognizant Technology Solutions
10.	144	Niveditha V.R, Rajalakshmi R and Ananthan T.V	Improving Acknowledgement In Android Application	DR. M.G.R UNIVERSITY
11.	145	K.Amandeep Singh, Rajalakshmi R and Ananthan T.V	Research Challenges On Big IOT Data Analytics	DR. M.G.R UNIVERSITY



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VIDEO / SKYPE SESSION 4 (DAY 1)

SESSION CHAIR:

Dr. PAAVAI ANAND

Assistant Professor, Department of CSE, SRMIST, Chennai.

DATE: 04-05-2018 / TIME: 1.30 PM to 3.30 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	5	Dr. N. Suganthi	A Polynomial Based Key Management Scheme for Mobile Ad Hoc Networks	Kumaraguru College of Technology
2.	10	Sathananthavathi	Microaneurysms Detection in Retinal Fundus Images	Mepco Schlenk engineering college
3.	23	Hariraj Venkatesan	Improving Cloud Service Provider Profits using Repeated Ranking	School of Computing, SASTRA Deemed University
4.	24	Swathi G	Automated question extraction and tagging for community question answering platforms	School of Computing, SASTRA Deemed University
5.	25	Sri Ram E	Energy Efficient and Multi-Resource Fairness Virtual Machine Consolidation in Cloud datacenters	School of Computing, SASTRA Deemed University
6.	41	Chaitanya Kumar G. V.,	Record-level Splitting of Anonymized Tabular Data on to Multi-cloud for Privacy Preservation	School of Computing, SASTRA Deemed University
7.	43	Govinda K	Prediction of Heart Disease using Data Mining Techniques	VIT University
8.	44	Gomathi.S	Statistical Evaluation And Design Of Cluster Based Classification Algorithm For The Prediction Of Systemic Lupus Erythematosus	Bharathiar University
9.	45	Dr. A. Sirajudeen	Appropriate Directional Media Access Control Protocol for improving Variable Bit Rate throughput in Wireless LAN	Aurora's Scientific Technological and Research Academy-Jawarlal Nehru University
10.	55	Dr. Ganga Rama Koteswara Rao	Enhanced Hybrid Approach to Handle Route based ICN Attacks	V.R.Siddhartha Engineering College



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VIDEO / SKYPE SESSION 5 (DAY 1)

SESSION CHAIR:

Dr. J. ARUNNEHRU

Assistant Professor, Department of CSE, SRMIST, Chennai.

DATE: 04-05-2018 / TIME: 1.30 PM to 3.30 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	56	Mandar Nanaware	Smart Wicker For Visually Impaired People	VIT University
2.	64	Akanksha	Implementation of Real-Time Facial Emotion Recognition System using Neural Network	VIT University Vellore
3.	38	Nitheesh Prabu Shanmugasundaram, Abhishek Pal, Sundar Ram Sankar and Karthika S	Impact of Tweet Features and Machine-Learning Classifiers for Twitter Spam	SSN COLLEGE OF ENGINEERING
4.	73	Ashirbad Sahu, Vignesh Prabhakar and Abhilash Pandurangan	Intelligent Data Envision: Real Time 3D Visualization using Power Business Intelligence and Virtual Reality Plots	SRM Institute of Science and Technology
5.	96	Menaka Muniswamy and Saira Banu J	Research Scope And Tools For Workflow Scheduling In Cloud Environment: A Review	Vellore Institute of Technology, Vellore
6.	104	Utkarsh Rana and Naveen Kumar N	Advanced Healthcare Supervision System Using IOT & GSM/GPS	Vellore Institute of Technology, Vellore
7.	106	Vishnu Remesh, Harish T, Jude Osbert and Aparna V	Navigation system for assisting the blind	SRM Institute of Science and Technology
8.	129	Vinit K, Rishabh Kumar, Sai Niranjan and Shruthi S	Enhanced search and secure sharing of data in cloud	SRM Institute of Science and Technology
9.	131	Vinit K, Ram Subrmanian G, Vignesh M S and Harish R	Migration Of Virtual Servers From The Present Infrastructure To Cloud Based – Cloud On Premises	SRM Institute of Science and Technology
10.	132	PoonkodiMariappan, JatinKatyal	Modular face recognition system: a customizable system with freedom of component selection.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY



VIDEO / SKYPE SESSION 6 (DAY 1)

SESSION CHAIR:

Dr. MOHAMED FATHIMAL

Assistant Professor, Department of CSE, SRMIST, Chennai.

DATE: 04-05-2018 / TIME: 1.30 PM to 3.30 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	133	Prudhvi Peddmallu, Ajay Kumar and N Akshaya Akshaya	A Novel Search Rank Fraud and Malware Detection in Google Playstore	SRM Institute of Science and Technology
2.	134	Meenakshi K, Sai Krishna R, Venkat Karthik Reddy Mp and Nikhil Vasantham	Automatic Vehicle Speed Control Ambulance Rescue System Using IOT	SRM Institute of Science and Technology
3.	136	Meenakshi K, Naveen K.S, Mukund S Roonwal and Areef Mohammad	Encouraging Secure and Efficient Spatial Query Handling on the Cloud	SRM Institute of Science and Technology
4.	139	Pradeep Udupa	An Efficient Software Testing By Test Case Reduction, Prioritization And Parallelization	PRIEST University
5.	141	Rohit Narayanan S B, Ram Subramanian G, Rakesh Kumar S, Kumaravel Rajan and Vidhya Sagar B S	Automated Deploying Of Application Using Pipeline In Cloud Environment– Devops On Cloud	SRM Institute of Science and Technology
6.	147	C Sabarinathan, Athira Krishnan, Nishant Tripathi, S Karthigeyan and Vishal Parameswaran	Fusion of Computer Vision and Augmented Reality (FCVAR) to make Interaction Rich Applications	SRM INSTITUTE OF SCIENCE and TECHNOLOGY
7.	148	Sabarinathan C, S.Chinki Jain, Shruthi Balaji and S.Krishna Gayathri	Analysis of Color Fundus Images to Detect Eye Diseases Using SVM,KNN and ANN	SRM Institute of Science and Technology
8.	149	Dinesh J, Muruganandham R and Raheel Basha	Genetic Algorithm And Fuzzy Logic Based Decision Making Technique For Shop Floor Control In Operations Management	SRM Institute of Science and Technology
9.	158	Steffina Muthukumar, Divya Rajagopalan and Srivibha Vadrevu	Strategies for effective promotion in social media	SRM Institute of Science and Technology
10.	160	Sabarinathan C, Supreeth Tamvada, Ritesh Hota and Yash A. Jain	Abnormal Human Activity Detection And Alert Using CCTV Video Surveillance	SRM Institute of Science and Technology
11.	162	Hasya Reddy, Lavanyaa Balaji and Balaji N	Facial emotion recognition using LBP	SRM Institute of Science and Technology



SESSION 1: DOCTORAL SYMPOSIUM (DAY 2)

SESSION CHAIR:

Dr. DHANANJAY KUMAR,

Professor-in-charge of UG Program, Department of IT
Anna University, MIT, Chennai.

DATE: 05-05-2018 / TIME: 10.00 AM to 12.00 PM

S.NO	PAPER ID	AUTHORS	TITLE OF THE PAPER	AFFILIATION
1.	7	Renuka Devi D and Sasikala S	Optimized Feature Selection of Big data Streams Using Accelerated Simulated Annealing and Mutation Operator Algorithm	UNIVERSITY OF MADRAS
2.	16	Priyanka Sudhakara, Ganapathy Velappa and Karthika Sundaran	Navigation For Wheeled Mobile Robot (WMR) Using Enhanced Rapidly-Exploring Random Trees (E-RRT) Algorithm	SRM UNIVERSITY
3.	20	Geetha R and Karthika S	Virulent Keyword Detector – Virulent Keyword Extraction Based on Cyber Keywords and LDA in Twitter to Prevent Privacy Leaks	SSN COLLEGE OF ENGINEERING
4.	22	Suthanthira Devi and Karthika S	A Novel Design Framework for Rumor Analysis in Twitter	SSN COLLEGE OF ENGINEERING
5.	69	Masetty Abhishek, Gavine Joyce, Aswin N, Giridharan S, Priyanga S and Shankar Sriram V S	BFFO-CNN: An Efficient Anomaly based Intrusion Detection System using Binary Fruit-Fly Optimization and Convolutional Neural Network	SASTRA Deemed University
6.	74	Kalaiselvi K and Vigneshwari Kothandaraman	Review of Parallel Processing Methods for Big Image Data Applications	VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES
7.	92	Amit Garg, Ashish Kumar and Amit Kumar	A Study On AODV, DSDV, and OLSR Protocols Performance Over Manet	IFTM UNIVERSITY, MORADABAD, UP, INDIA
8.	98	Sujith Viswanathan, Anand Kumar and Soman K.P	A Deep Learning Approach to Machine Comprehension in Code-Mixed Hindi Language	AMRITA VISHWA VIDYAPEETHAM, COIMBATORE



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9.	100	Jyothish Lal G, Gopalakrishnan E A and Govind D	A Novel Polarity Detection Method For Accurate Epoch Estimation from Speech and Egg Signals	AMRITA VISHWA VIDYAPEETHAM
10.	101	Premjith B, Soman K P and Anand Kumar M	Deep learning based morphological analysis of Tamil nouns and verbs	AMRITA VISHWA VIDYAPEETHAM
11.	103	Rajalaxmi R.R, Natesan P, Krishnamoorthy N and Ponni S	Regression Model for Predicting Engineering Students Academic Performance	KONGU ENGINEERING COLLEGE
12.	105	Tina Manghnani, Thirumaran Selvam, Shankar Sriram V S, Arivoli M V and Gauthama Raman M R	Computational CBGSA – SVM model for Network based Intrusion Detection System	SASTRA DEEMED UNIVERSITY
13.	128	Swapna G, Vinayakumar R and Soman Kp	Automated detection of Atrial Fibrillation using deep learning techniques	AMRITA VISHWA VIDYAPEETHAM



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VIDEO / SKYPE SESSION 2 (DAY 2)

SESSION CHAIRS: Dr. MOHAMED FATHIMAL

Assistant Professor, Department of CSE, SRMIST, Chennai.

DATE: 05-05-2018 / TIME: 9.30 AM to 12.30 PM

1.	65	Manjushree Yethirajyam	Automated Function Point Analysis Using Natural Language Processing	Vellore Institute of Technology
2.	68	Surya Rajalakshmi M	Hybrid Best-Fit Heuristic for Energy Efficient Virtual Machine Placement in Cloud Data Centers	School of Computing, SASTRA Deemed University
3.	75	A.Sivasangari	Pest image segmentation using adaptive neuro fuzzy inference system in agricultural ecosystem	GMR Institute of Technology
4.	87	VENINGSTON K	Intelligent Transportation System For Scheduling Emergency Vehicles	Madanapalle Institute Of Technology & Science
5.	88	Krishika Shivnani	An IoT based Fire Monitoring and Control System	VIT University
6.	97	JYOTHEESH G	Enhancing The Learning Management System Using Nlp: A Case Study	Vellore institute of technology
7.	107	Naren Babu R	Performance Comparison Of Machine Learning Algorithms For Malaria Detection Using Microscopic Images	Amrita University
8.	113	Shantanu Bansal	A Review Paper on Sarcasm Detection	Jaypee Institute of Information Technology Noida
9.	115	Nivedha Jayaseelan, Jeyalakshmi R	A Study on the Deployment of Various Classifiers for the Prediction of Weather	SASTRA University, Thanjavur
10.	143	M.V.Sudheer Kumar	Fingerprint based online payment system	SRM institute of science and technology
11.	152	Aneesh Veeresh Angadi	Quantum computing's threat to blockchain technology	SRM Institute of Science and Technology, Vadapalani, Chennai