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13-14 December 2019**



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Technical Program

Session	Session 1
Date/Time	Friday, December 13, 2019 / 01:15 – 12:40 hrs
Venue	Sowbaghya Hall
Session Chair	Dr. Priyanka Sharma, <i>Professor, Computer Science and Engineering, Nirma University, Ahmedabad</i>

Software Bug Categorization Technique Based on Fuzzy Similarity
Rama Ranjan Panda and Naresh Kumar Nagwani

Software Bug Count Prediction Via Ada Boost.R-ET
Meetesh Nevendra and Pradeep Singh

A Comprehensive Survey on Solving Clustering and Classification Problems Using Gravitational Search Algorithm
Sajad Ahmad Rather, Mohammad Shahid and P. Shanthi Bala

Performance Evaluation of Feature Extraction and Dimensionality Reduction Techniques on Various machine learning classifiers
Golam Sarowar, Arthy Anjum Jamal, Anik saha and Abir Saha

Multi Platform Honeypot for Generation of Cyber Threat Intelligence
Sanjeev Kumar, B. Janet and R. Eswari

Image Encryption and Decryption Using Chaotic System
E. Swathika, N. Karthika and B. Janet

Estimation of Rooftop Solar Energy Generation Using Satellite Image Segmentation
Adithya Sampath, Pranav Bijapur, Akshath Karanam, Umadevi V. and Meena Parathodiyil

Session	Session 2
Date/Time	Friday, December 13, 2019 / 02:50 – 04:30 hrs
Venue	Sowbaghya Hall
Session Chair	Dr. B. Janet, <i>Asst. Professor, Department of Computer Application, National Institute of Technology, Tiruchirappalli</i>

A Robust Model for Churn Prediction using Supervised Machine Learning

Anurag Bhatnagar and Sumit Srivastava

A Novel User Clustering based Beamspace MIMO-NOMA

Varsha N.Kamble, Sujata V. Kadam and Somdotta R. Choudhury

Development Environment for Hybrid Applications on Heterogeneous Clusters

Deepika H. V. and Mangala N.

Semi-automated Detection of Airbases in Satellite Images using Deep Convolutional Neural Networks

Prateek Jain, Shashikant Ghangare, J. V. Satyanarayana and G. Venkat Reddy

Email Spam Detection : An Empirical Comparative Study of Different ML and Ensemble Classifiers

Shubhangi Suryawanshi, Anurag Goswami and Pramod Patil

Predictive Risk Analysis for Liver Transplant Patients — eHealth Model Under National Liver Transplant Program, Uruguay

Parag Chatterjee, Ofelia Noceti, Josemaría Menéndez, Solange Gerona, Natalia Harguindeguy, Melina Toribio, Leandro J. Cymberknop and Ricardo L. Armentano

Predicting Damage to Buildings Caused by Earthquakes Using Machine Learning Techniques

Kuldeep Chaurasia, Samiksha Kanse, Aishwarya Yewale, Vivek Kumar Singh, Bhavnish Sharma and B. R. Dattu

Blockchain-based Remote Patient Monitoring in Healthcare 4.0

Jigna Hathaliya, Priyanka Sharma, Sudeep Tanwar and Rajesh Gupta

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Computing Conference**



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Session	Session 3
Date/Time	Saturday, December 14, 2019 / 09:45 – 11:00 hrs
Venue	Swarnam Hall
Session Chair	Dr. R. Gnanadass, <i>Boyscast Fellow, Professor, Department of Electrical and Electronics Engineering, Pondicherry University, Pondicherry</i>

Sentiment Analysis of US Airlines Tweets using LSTM/RNN

R.Monika, S.Deivalakshmi and B.Janet

Emotion Predictor Using Social Media Text and Graphology

Chhanda Roy, Rishi Dey, Chitrita Chaudhuri and Dipankar Das

Multiclass Fake News Detection using Ensemble Machine Learning

Rohit Kumar Kaliyar, Anurag Goswami and Pratik Narang

Text Mining and Comparative Visual Analytics on Large Collection of Speeches to Trace Socio-Political Issues

Paritosh D. Katre

Comparative Study of Performance of Parallel Alpha Beta Pruning for Different Architectures

Shubhendra Pal Singhal and M. Sridevi

Profit or Loss: A Long Short Term Memory based model for the Prediction of share price of DLF group in India

Akshay Kumar Goel, Rupak Chakraborty, Mohit Agarwal, Dilshad Ansari, Suneet Kumar Gupta and Deepak Garg

Session	Session 4
Date/Time	Saturday, December 14, 2019 / 11:15 – 12:40 hrs
Venue	Swarnam Hall
Session Chair	Dr. R. Krishnamoorthy, <i>Professor, Department of CSE & IT, Anna University, Trichy</i>

Dynamic Slicing of UML Interaction Overview Diagram

Alina Mishra

Entity Resolution and Blocking: A Review

K.A. Vidhya and T.V. Geetha

On the Design of Supervised Binary Classifiers for Malware Detection using Portable Executable Files

Hrushikesh Shukla, Sonali Patil, Dewang Solanki, Lucky Singh, Mayank Swarnkar and Hireen Kumar Thakkar

DDOS Attack Detection & Prevention in SDN using OpenFlow Statistics

Nisha Ahuja and Gaurav Singal

Ontology Based Document Clustering - An Efficient Hybrid Approach

Jasila E. K., Saleena N. and Abdul Nazeer K. A.

Sierpinski Based Square Patch Crossover for GPS Applications

Jayakrishnan V M and Dhanesh G Kurup

File Based Trie for Embedded Devices

Meena S. M., Vanraj Vala, Hemant Tiwari, Ahsaas Bajaj, Shashank Hiremath, Vasudeva H., Y. S. Supreeth Yiyi Chen and Vijeth Patil

Session	Session 5
Date/Time	Saturday, December 14, 2019 / 12:40 – 01:52 hrs
Venue	Swarnam Hall
Session Chair	Dr. M. Sridevi, <i>Asst. Professor, Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli</i>

HOG feature descriptor based PCA with SVM for efficient & accurate classification of objects in image

Golam Sarowar, Abdur Razzak and Abdullah Al Fuad

A Convolution Neural Network based Approach to Detect the Disease in Corn Crop

Mohit Agarwal, Vijay Kumar Bohat, Mohd. Dilshad Ansari, Amit Sinha, Suneet Kr. Gupta and Deepak Garg

Dengue Disease Spread Prediction Using Twofold Linear Regression

Vipul Kumar Mishra, Nikhil Tiwari and S. L. Ajaymon

WIDER Face Challenge using Multi-Task Cascading Neural Network

Aajad Chauhan, Baizel Kurian Varghese, L. M. Abdul Rahman, Vishweswar Mohapatra and Tapas Badal

Identification of Dog Breeds Using Deep Learning

Rakesh Kumar, Manish Sharma, Kritika Dhawale and Gaurav Singal

Data Augmentation On Plant Leaf Disease Image Dataset Using Image Manipulation and Deep Learning Techniques

Arun Pandian J., G. Geetharamani and Annette B.

Session	Session 6
Date/Time	Saturday, December 14, 2019 / 02:20 – 03:32 hrs
Venue	Swarnam Hall
Session Chair	Dr. U. Srinivasulu Reddy, <i>Asst. Professor, Department of Computer Application, National Institute of Technology, Tiruchirappalli</i>

An Initial Framework for Mobile Healthcare Systems using Deep Neural Networks
Mohammed Misbhauddin, Mohammed Abdul Malik and Ali Hasan Mohiuddin

Performance Enhancement of a Wearable Wireless ECG device using efficient Signal Processing Techniques
Shereena Shaji and Maneesha Vinodini Ramesh

A Modified Medical Information Retrieval System
Manu Aravind, Sanath Viswanath, Nithin Mohan, Adarsh R. and Jasmine Bhaskar

Enhanced Feature Extraction Approaches for Detection of Sound Events
Naren Surampudi, Srirangan. M and Jabez Christopher

Mortality Prediction using Machine Learning Techniques: Comparative Analysis
Akash Verma, Shreya Goyal, Shridhar Kumar Thakur, Archit Gupta and Indrajeet Gupta

Robust Algorithms for Counting and Detection of Moving Vehicles using Deep Learning
Gaurav Saxena, Aarju Gupta, Dharendra Kumar Verma, Alpana Rajan and Anil Rawat