

International Conference

# Cognitive Science and Artificial Intelligence (ICCSAI-2017)



on  
05-07, July 2017

Organised by

Department of Computer Science and Systems Engineering  
Sree Vidyanikethan Engineering College(Autonomous)

Tirupathi, Andhra Pradesh, India



Venue: Dasari Auditorium

## Program Schedule

05<sup>th</sup> July 2017 (Day-1)

Time	Activity
08.30 - 9.30	Registration
9.30 - 10.30	Inauguration
10.30 – 11:45	<b>Expert Talk I</b> The Application of Fuzzy Logic for the Design of Routing Protocols by <b>Dr. Maode Ma</b>
11:45 – 12:00	<b>Tea Break</b>
12:00 – 13:15	<b>Expert Talk II</b> Some Latest Developments in Data Clustering- ASoft Computing Perspective by <b>Dr. B.K.Tripathy</b>
13:15 – 14:00	<b>Lunch Break</b>
14.00 – 15:15	<b>Expert Talk III</b> The Excitement of AI Research by <b>Dr. Praveen Paruchuri</b>
15.15 - 15.30	<b>Tea Break</b>
15:30 – 17:30	<b>Presentation Session- I</b> Paper Presentations

*Each presentation for 15 minutes (12 minutes for presentation and 3 minutes for queries)*

**Session Chair:** Dr. VV Rama Prasad **Co-Chairs:** Dr. G Sunitha &Dr. K. Reddy Madhavi **Presentation Session-I**

Ramachandra Rao Kurada, Dr. Karteeka Pavan Kanadam, **"A Novel Evolutionary Automatic Clustering Technique by Unifying Initial Seed Selection Algorithms and K-Means into Teaching-Learning-Based Optimization"**

Siva Krishna Dasari, Koteswara Rao Chintada, Muralidhar Patruni, **"Flue-Cured Tobacco Leaves Classification:A Generalized Approach Using Deep Convolutional Neural Networks"**

Virupakshappa, Dr. Basavaraj Amarapur, "AN IMPROVED SEGMENTATION APPROACH USING LEVEL SET METHOD WITH DYNAMIC THRESHOLDING FOR TUMOR DETECTION IN MRI IMAGES"

P.Srinivasa Rao, Dr.D.Vasumath, Dr.K.Suresh, **"The Adaptive Strategies Improving Web Personalization Using the Tree Seed Algorithm (TSA)"**

N.N.S.V.Rama Raju, V.Malleswara Rao, B.N.Jagadesh, **"Identification and Classification of Cardiac Arrhythmia using Neural Network"**

Thejaswini S, Dr. K M Ravi Kumar, Rupali Shyam, Abijith Vijayendra, **"EEG Based Emotion Recognition Using Wavelets And Neural Networks Classifier"**

Bharathi Devi Patnala, Dr.R.Kiran Kumar, **"A Novel Level Based Dna Security Algorithm Using Dna Codons "**

N.Manoharan Natarajan, Dr.T.Arunkumar Thangavelu, **"An Experimental Evaluation Of Integrated Dematal And Fuzzy Cognitive Maps For Cotton Yield Prediction"**

N Balakrishna, S.Murali Krishna, C Shoba Bindu, **"Hybridizing spectral clustering with shadow clustering"**

**Program Schedule**

Venue: Dasari Auditorium

06<sup>th</sup> July 2017 (Day-2)

09:30 – 11:15	<b>Presentation Session-II</b>	<b>Paper Presentations</b>
11:15 – 11:45	<b>Tea Break</b>	
11:45 – 13:00	<b>Expert Talk IV</b>	Classifiers for Neuroimaging by <b>Dr. KV Kadambari</b>
13:00 – 14:00	<b>Lunch Break</b>	
14.00 – 15:15	<b>Expert Talk V</b>	Bio-inspired Artificial Intelligent Algorithms and its Applications by <b>Dr. S Pushpa</b>
15.15 - 15.30	<b>Tea Break</b>	
15:30 – 17:00	<b>Presentation Session-III</b>	<b>Paper Presentations</b>

*Each presentation for 15 minutes (12 minutes for presentation and 3 minutes for queries)***Session Chair:** Dr. T Arun Kumar **Co-Chair:** Dr. A. Senguttuvan **Presentation Session-II**Ashmeet Singh, Pranav Sharma, Prof.L. Shalini, "**Suspicious Defaulter Forecasting-Using Machine Learning Classifiers**"S.Kishore Babu, Dr S.Vasavi, "**Predictive Analytics as a Service on Tax Evasion using Gaussian Regression Process**"Dr.J.Avanija , Dr.G.Sunitha, Dr.K.Reddy Madhavi, "**Semantic Similarity based Web Document Clustering Using Hybrid Swarm Intelligence and FuzzyC-Means**"M Mary Sujatha, K Srinivas, R Kiran Kumar, "**Construction of Breast Cancer Based Protein Protein Interaction Network Using Multiple Sources of Datasets**"Dr.K. G. Suma, Mr. V. Saravana Kumar, "**Classification of Abnormal Blood Vessels in Diabetic Retinopathy using Neural Network**"Dr. Gurram Sunitha , "**Mining Sequential Patterns using Two-Tail Time Effect "**Nagendra Panini Challa, Dr.R.Vasanth Kumar Mehta, "**Applications of Image Processing Techniques on Palm Leaf Manuscripts -A Survey**"**Session Chair:** Dr. K Ramani **Co-Chairs:** Dr. M Sunil Kumar and Dr. J Avanija **Presentation Session-III**A.Sarvani, B.Venugopal, Nagaraju Devarakonda, "**A Refined K-means technique to find the frequent item sets**"Saritha Reddy Venna, Suresh Thommandru, Ramesh Babu Inampudi , "**Finger Vein Detection Using Gabor Filter and Region of Interest**"S.Shanmugam, Dr J.Preethi, "**Design of Rheumatoid Arthritis Predictor Model using Machine Learning algorithms**"Deeksha Kaul, Harika Raju, B.K. Tripathy, "**Comparative Analysis of Pure and Hybrid Machine Learning Algorithms for Risk Prediction of Diabetes Mellitus**"Divya Zion, B.K.Tripathy, "**Handling Non Communicable Disease Using Predictive Analysis of Data Mining Techniques**"Mr. Asadi Srinivasulu, G.M.Chanakya, E Sandhya, "**Health Monitoring System Using Integration Of Cloud And Data Mining Techniques**"E Ramalakshmi, Neeharika Kompala, "**Hexagonal Image Processing and Transformations: A Practical Approach using R**"D.Kalaivani, P.Sumathi , T.Arunkumar, "**Customer Behaviour Predictive Modeling for Online Shopping using Tuned Decision Tree Method**"

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07<sup>th</sup> July 2017 (Day-3)

09:30 – 11:15	<b>Presentation Session-IV</b>	<b>Paper Presentations</b>
11:15 – 11:45	<b>Tea Break</b>	
11:45 – 13:00	<b>Expert Talk VI</b>	Brain Connectomics and Cognitive Neuroscience by <b>Dr. Bapi Raju Surampudi</b>
13:00 – 14:00	<b>Lunch Break</b>	
14.00 – 15:15	<b>Expert Talk VII</b>	Role of cognitive load in User Experiences with HCI systems by <b>Dr. Jyoti Kumar</b>
15.15 - 15.30	<b>Tea Break</b>	
15:30 – 17:00		<b>Valedictory</b>

*Each presentation for 15 minutes (12 minutes for presentation and 3 minutes for queries)*

**Session Chair:** Dr. K Suneetha **Co-Chairs:** Dr. L V Reddy and Dr. V Saritha **Presentation Session-IV**

Prabira Kumar Sethy, Chhavi Kumari, Nalini Kanta Barpanda, Baishalee Negi, Santi Kumari Behera, Amiya Kuma Rath, **"Identification of Mineral Deficiency in Rice Crop based on SVM in Approach of K-Means & Fuzzy C-Means Clustering"**

A.Hemalatha, G.Mouluka, E.Harika, Dr.S.Hemachandra, **"Sensitivity Analysis in Load forecasting using Computational Intelligence"**

Ch.Prathima, Ch.Sreenu Babu, Naresh Babu Muppalaneni, Kishore C, **"Using Large Scale Deep Learning Method To Predict Punctuations In Telugu Language"**

Prabira Kumar Sethy, Baishalee Negi, NaliniKanta Barpanda, Santi Kumari Behera, Amiya Kumar Rath, **"Measurement of Disease Severity of Rice Crop Using Machine Learning & Computational Intelligence"**

Seema Singh, Mamatha KR, Shalini Ragothaman, Krithika Raj D, Anusha N, Susmi Zacharia, **"Waste Segregation System Using Artificial Neural Networks"**

Vamshi Krishna.B, Ajeet Kumar Pandey, Siva Kumar A.P, **"Feature based Opinion Mining and Sentiment Analysis using Fuzzy Logic"**

Dr. K. Reddy Madhavi, Dr. S. Viswanadha Raju, Dr. J Avanija, **"Data Labeling and Concept Drift Detection using Rough Entropy for Clustering Categorical Attributes"**

K. Srilakshmi, P. Bhargavi, **"Multi-Objective Firefly Simulated Annealing (MOFSA) Based Inter-Data Center Network Dimensioning Under Cloud Computing Environment"**