

# MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC – ‘A’ Grade, ISO 9001:2015 Certified)  
Maisammaguda, Dhulapally, Secunderabad – 500100.

## INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL PROCESSING ICSCSP-2019 (June 21 -22, 2019)

### CONFERENCE PRESENTATION SCHEDULE

<b>SOFT COMPUTING</b>			
<b>SESSION-I</b>			
<b>S.No</b>	<b>Paper ID</b>	<b>Title</b>	<b>Date</b>
1	137	<b>A Statistical-Semantic PSO model for Customer Reviews based Question Answer Systems.</b> Garima Dwivedi, Manju Venugopalan and Deepa Gupta.	21/06/2019
2	158	<b>An Enhanced Prospective Jaccard Similarity Measure (PJSM) To Calculate The User Similarity Score Set For E-Commerce Recommender System</b> Mohana H and M.Surya Kala.	21/06/2019
3	170	<b>TWO-LEVEL TEXT SUMMARIZATION USING TOPIC MODELING</b> Dhannuri Saikumar and Subathra P	21/06/2019
4	227	<b>Label assignment and sentimental analysis for a product review on Twitter data.</b> Chandra Prakash Singh Sengar and S. Jaya Nirmala.	21/06/2019
5	412	<b>A Novel approach using Support Vector Machine for outlier removal and Multilayer Perceptron in Classifying Medical Datasets</b> <i>Padmavathi M S and Sumathi C. P.</i>	21/06/2019
6	439	<b>A Semantic-Aware Strategy for Automatic Speech Recognition incorporating Deep Learning Models</b> <i>Santhanavijayan A, Naresh Kumar D and Gerard Deepak.</i>	21/06/2019
7	446	<b>On Efficient Prediction of Indian Stock Indices using ELM based Technique</b> <i>Ankita Panda, Adyasha Rath and C.H. Uday Kiran Reddy Uday Kiran Reddy.</i>	21/06/2019
8	16	<b>Word2Vec and Evolutionary Computing driven Hybrid Deep Learning based Sentiment Analysis</b> <i>Bhaskar Dhariyal and Vadlamani Ravi.</i>	21/06/2019
9	246	<b>Hadoop Performance Acceleration by Effective Data and Job Placement</b> <i>Ankit Shah and Dr. Mamta Padole.</i>	21/06/2019
10	368	<b>Deep learning approach : Detection of replay attack in ASV systems</b> <i>Saranya S, Suvridha Rupesh Kumar and Bharathi B.</i>	21/06/2019

## SIGNAL PROCESSING

### SESSION-I

S.No	Paper ID	Title	Date
1	9	<b>Plasmonic Square ring resonator Based Band-Stop Filter Using MIM Waveguide</b> <i>Pathan Osman, P V Sridevi and K V S N Raju.</i>	21-06-2019
2	68	<b>CHAR:A Novel Cloud based live health Augmented Reality Framework</b> <i>Deepa Sirse, Dr.Basawaraj Gadgay and Rupam Das.</i>	21-06-2019
3	102	<b>Strawberry Leaf Diseases Detection and Suggestion for Pesticides Using Artificial Neural Network</b> <i>Gargi Phadke and Shmal Shalukhe.</i>	21-06-2019
4	108	<b>Modeling the Chandrayaan-1 Hyperspectral (HySI) Data for Mineral Mixing Analysis</b> <i>Mohammed Zeeshan R and Sayyad Shafiyoddin B.</i>	21-06-2019
5	109	<b>Implementation of the Bi-Directional Reflectance Function for modeling the spectra derived from Hyperspectral Images</b> <i>Mohammed Zeeshan R and Sayyad Shafiyoddin B.</i>	21-06-2019
6	111	<b>ROS based Pedestrian Detection and Distance Estimation Algorithm using Stereo Vision, Leddar and CNN</b> <i>Anjali Mukherjee, Adarsh S and Ramachandran K. I.</i>	21-06-2019
7	150	<b>LabVIEW Based Virtual Laboratories for Electrical Engineering Education with Real Time Implementation</b> <i>Mohamed Iqbal Mohamed Mustafa, Chandra Kiran P, Janani R Kumar, Kavya Shree K, D V Bhuvan and Shakthivel R.</i>	21-06-2019
8	267	<b>Fast Converging Magnified Weighted Sum Back propagation</b> <i>Ashwini Sapkal and Uday Kulkarni</i>	21-06-2019
9	278	<b>Influence of Language Specific Features for Author Identification on Indian Literature in Marathi</b> <i>Sunil Kale and Rajesh Prasad.</i>	21-06-2019
10	337	<b>Enabling Efficient Broadcasting Through Authentication based MAC Protocol in Internet of Vehicles</b> <i>Saikrishna B., Shiva Prasad M, Nishu Gupta and Manaswini R</i>	21-06-2019

<b>SOFT COMPUTING</b>			
<b>SESSION-II</b>			
<b>S.NO</b>	<b>PAPER ID</b>	<b>Title</b>	<b>Date</b>
1	370	<b>Classification of Microscopic algae: an observational study with AlexNet</b> <i>Rajmohan Pardeshi and Dr. Prapti Deshmukh.</i>	21/06/2019
2	57	<b>Interactive and Assistive Gloves for Post-Stroke Hand Rehabilitation</b> <i>Riya Vatsa and Suresh Satapathy.</i>	21/06/2019
3	52	<b>Human Activity Recognition in Imbalance Big Data using Fuzzy Rule Base Classification System</b> <i>Khyati Ahlawat and Amit Singh.</i>	21/06/2019
4	89	<b>Internet of Things: An Overview</b> <i>Shivanjali Khare and Michael Totaro</i>	21/06/2019
5	449	<b>Slicing Based on Web Scrapped Concurrent Component- Oriented Programs</b> <i>Niharika Pujari, Abhisek Ray and Jagannath Singh.</i>	21/06/2019
6	99	<b>A Fuzzy-Neuro Based Clinical Decision Support Sytem For Disease Diagnosis Using Symptom Severity</b> <i>Sulochana T, Deepa Gupta, Amudha J and Kshitij Sharma.</i>	21/06/2019
7	66	<b>An approach for collaborative data publishing using Self-Adaptive Genetic Grey Wolf Optimizer</b> <i>Yogesh R Kulkarni and Senthil Murugan T.</i>	21/06/2019
8	260	<b>Enhanced Attach Procedure for Prevention of Authentication Synchronisation Failure Attack</b> <i>Hemanth Sai Kumar Batta and Lakshmy K.V.</i>	21/06/2019
9	447	<b>Automatic Representative Framelets selection for human action recognition in surveillance videos</b> <i>Dr. D. Shiloah Elizabeth and K Kiruba.</i>	21/06/2019
10	72	<b>Twin-Security Model- A Machine Learning based approach for DDoS Security in SDN</b> <i>Sukhvinder Singh and S K V Jayakumar.</i>	21/06/2019

<b>SIGNAL PROCESSING</b>			
<b>SESSION-II</b>			
<b>S.NO</b>	<b>PAPER ID</b>	<b>Title</b>	<b>Date</b>
1	81	<b>Review of Optical Devanagari Character Recognition Techniques</b> <i>Sukhjinder Singh and Naresh Kumar Garg.</i>	21-06-2019
2	90	<b>Detection of Lung Nodule in Computed Tomography image using Deep Machine Learning: A review</b> <i>Mahender Nakrani, Ganesh Sable and Ulhas Shinde.</i>	21-06-2019
3	107	<b>Real Time Suspicious Activity Detection</b> <i>Shefali Sarang, Vaishnavi Raut, Harshal Shinde, Shubham Sonje and Gargi Phadke.</i>	21-06-2019
4	129	<b>Ontology Driven Clinical Data Analyzer Of Skin Diseases Based On SVM</b> <i>Hema D and Dr Vasantha Klayani David.</i>	21-06-2019
5	147	<b>Age Group Estimation from Human Iris</b> <i>Minakshi Rajput and Ganesh Sable.</i>	21-06-2019
6	166	<b>Spliced Image Detection in 3D Lighting Environments using Neural Networks</b>	21-06-2019

		<i>Vinolin V and Sucharitha M.</i>	
7	172	<b>A Robust blind oblivious Video watermarking scheme using Undecimated Discrete Wavelet Transform</b> <i>Meenakshi K, Swaraja K, Padmavathi Kora and Karuna G.</i>	21-06-2019
8	185	<b>Rolling Ball Bearing Fault Classification Using Variational Mode Decomposition and Footprint of Hilbert Transform</b> <i>Rahul Dubey</i>	21-06-2019
9	298	<b>Segmentation of Retinal Features using hybrid BINI Thresholding in Diabetic Retinopathy Fundus Images</b> <i>Shalini R and Sasikala S.</i>	21-06-2019
10	309	<b>A Novel Stacked Multilayer Antenna for ISM Band Applications</b> <i>L Nageswara Rao and Dr. I.Govardhani.</i>	21-06-2019

## SOFT COMPUTING

### SESSION-III

S.NO	PAPER ID	Title	Date
1	396	<b>A GRU based Neural Machine Translation followed by proper noun transliteration</b> <i>Hitesh Narang and Prachi Gharpure.</i>	22/06/2019
2	414	<b>Automatic speech recognition using deep neural network.</b> <i>Sharmadha S, Shivani K, Shruthi K, Bharathi B and Kavitha S</i>	22/06/2019
3	186	<b>Design and Implementation of the Protocol for Secure Software-Based Remote Attestation in IoT Devices</b> <i>Anto Ajisha Shrinny Maria Thanislaus and Chungath Srinivasan.</i>	22/06/2019
4	232	<b>Preserving the Privacy of Audio file using Ideal Secret Sharing Scheme with Cloud Storage</b> <i>Meghna Ashoka Mohan, Jayakumar T.V. and Praveen K.</i>	22/06/2019
5	311	<b>Static Load Balancing Algorithms in Cloud Computing: Challenges and Solutions</b> <i>Kumar Surjeet Chaudhury, Sabyasachi Pattnaik, Himanshu Sekhar Moharana and Sitakanta Pradhan.</i>	22/06/2019
6	444	<b>Sentimental Analysis on Twitter Data Using Hadoop with Spring Web MVC</b> <i>Ravi G, Ravikiran Ramaraju and Kondapally Madhavi.</i>	22/06/2019
7	112	<b>Analysis of Patients Review and Enhancing Services in Hospitals</b> <i>Rohit Gadge and Rupali Sawant.</i>	22/06/2019
8	184	<b>An Applied Time Series Forecasting Model for Yield Prediction of Agricultural Crop</b> <i>P Chandrashaker Reddy.</i>	22/06/2019
9	84	<b>Enhancement In Data Security Using Dna Cryptography</b> <i>Dr.Rathna Kishore Dasari, Suneetha Davuluri and Dr.G.G.S.Praddep.</i>	22/06/2019
10	440	<b>A Novel Hybridized Strategy for Machine Translation for Indian Languages</b> <i>Santhanavijayan A , Naresh Kumar D, and Gerard Deepak</i>	22/06/2019
11	31	<b>Online Information and Grouping of Facebook Users</b> <i>Vijay Kumar Nalamothu.</i>	22/06/2019
12	144	<b>A Spirometer designed using Arduino and with Silicon Pressure Sensors</b> <i>Sudhir Anakal and Sandhya Joshi.</i>	22/06/2019
13	352	<b>A Survey on Text Question responsive Systems in English and Indian Languages</b> <i>P. V. Rajaraman Viswanathan and Dr. M. Prakash Mohan.</i>	22/06/2019
14	180	<b>Recommending research article based on user queries using Latent Dirichlet Allocation</b>	22/06/2019

		<i>Subathra P and P.N Kumar.</i>	
15	123	<b>Human Pose Estimation and Activity Classification using Machine Learning Approach</b> <i>Arunnehr J, Nandhana Davi Ak, Raghul Sharan R and Poornima G Nambiar.</i>	22/06/2019
16	ICSCSP 2k19 - 3122	<b>Service layer security architecture for iot using Biometric authentication and cryptography technique</b> <i>Santosh kumar Sharma1, Bonomali Khuntia2</i>	22/06/2019

<b>SIGNAL PROCESSING</b>			
<b>SESSION-III</b>			
<b>S.NO</b>	<b>PAPER ID</b>	<b>Title</b>	<b>Date</b>
1	26	<b>Fuzzy Assisted PLS Regression for Enhancing Quantification Efficiency of Electronic Nose</b> <i>Prabha Verma, Prashant Singh and Siddhartha Panda.</i>	22-06-2019
2	27	<b>Wavelet Assisted Phase Space Analysis for Improved VOCs Discrimination Using SAW Sensor Transients</b> <i>Prashant Singh, Prabha Verma and Siddhartha Panda.</i>	22-06-2019
3	117	<b>Stereo Vision Based Path Planning System for an Autonomous Harvester</b> <i>Saurabh Sinalkar and Binoy Nair</i>	22-06-2019
4	159	<b>Hybrid Features based Efficient Radar Target Classification using Support Vector Machine</b> <i>Ravi Domala and Upasna Singh.</i>	22-06-2019
5	161	<b>A Machine Learning Approach to Identify the Students at the Risk of Dropping Out of Secondary Education in India</b> <i>Sagarika Nangia, Jhilmil Anurag and Ishani Gambhir.</i>	22-06-2019
6	178	<b>Multi-Level Intelligent Border Security System</b> <i>Abdullah Al-Mamun Bulbul, Md. Abdul Awal, Md. Tariq Hasan, Sagor Biswas, Md. Bellal Hossain and Md. Salim Ahmed.</i>	22-06-2019
7	196	<b>Minimization Of Propagation Delay For DADCQ Protocol in VANET</b> <i>Dharmaveer Choudhari and Dr Sanjay Dorle.</i>	22-06-2019
8	223	<b>Sound Inheritance for Electric Vehicles</b> <i>Dipika V and Lakshmikanthan C.</i>	22-06-2019
9	238	<b>Pattern Classification of Handwritten Kannada Digits Using Customized CNN</b> <i>Gopal Upadhye and Uday Kulkarni.</i>	22-06-2019
10	241	<b>Multivariate Regression Analysis on Climate variables for weather forecasting in Indian Subcontinent</b> <i>Kalyani V, Valliyammai C and Manoj S.</i>	22-06-2019
11	274	<b>Comparison of Machine Learning Methods for Effective Autism Diagnosis</b> <i>Pavithra D and Dr.A.N.Jayanthi.</i>	22-06-2019
12	323	<b>Acknowledgement Spoofing At Kernel Level and TCP Sender Behaviour Analysis</b> <i>Srikanth Reddy Duggempudi, Anil Kumar V and Sethumadhavan M.</i>	22-06-2019
13	329	<b>Study and Analysis of IRNSS/NavIC Signals for Atmospheric Effects near Bangalore Region</b> <i>Gayathri K M and Thangadurai N.</i>	22-06-2019

**SOFT COMPUTING****SESSION-IV**

<b>S.NO</b>	<b>PAPER ID</b>	<b>Title</b>	<b>Date</b>
1	443	<b>A Novel Encryption Design for Wireless Body Area Network in Remote Healthcare System Using Enhanced RSA Algorithm</b> <i>Nidhya R and Shanthi S.</i>	22/06/2019
2	44	<b>Innovative secure authentication interface for Hadoop cluster using DNA cryptography: A practical study.</b> <i>Balaraju J and Dr.Pvrd Prasada Rao.</i>	22/06/2019
3	131	<b>Implementation of Interpolation in Credit Card Fraud Detection</b> <i>Pranali Shenvi, Neel Samant, Shubham Kumar and Vaishali Kulkarni.</i>	22/06/2019
4	70	<b>Early Detection of Hemiplegia by Analyzing the Gait Characteristics and Walking Patterns using Convolutional Neural Networks</b> <i>Sagar Patil, Akshay Shah, Shubham Dalvi and Jignesh Sisodia.</i>	22/06/2019
5	251	<b>Third Eye : Assistance for Reading Disability</b> <i>Navya Y, Sridevi S, Akhila P, Amudha Joseph and Jyotsna C.</i>	22/06/2019
6	361	<b>Vehicle Type Classification Using Deep Learning</b> <i>Avinash Bhujbal.</i>	22/06/2019
7	442	<b>A Novel text-To-Image Transposition Protocol For Encoding And Decoding Data In The Presentation Layer Of ISO-OSI Reference Model For Enhanced Security</b> <i>Viswa Bharathy A M and Chandrasekar V.</i>	22/06/2019
8	173	<b>Recognition Of Botnet By Examining Link Failures In Cloud Network By Exhausting Canfes Classifier Approach</b> <i>S. Nagendra Prabhu Selvaraj, D. Shanthi Saravanan, V. Chandrasekar Vengatachalam and S. Shanthi</i>	22/06/2019
9	437	<b>Examining streaming data on twitter hash tags with relevance to social problems</b> <i>Shanthi Sivakumar, Sujatha Dandu, Chandrasekar Venkatachalam,S.Nagendra Prabhu</i>	22/06/2019
10	248	<b>Modified Quick Fuzzy Hypersphere Neural Network for Pattern Classification using Supervised Clustering</b> <i>Deepak Mane and Uday Kulkarni.</i>	22/06/2019
11	387	<b>A novel true colour Image bit modification Technique for Image Steganography</b> <i>Anupam Saikia and Themrichon Tuithung.</i>	22/06/2019
12	369	<b>Acoustic Scene Classication using Convolutional Neural Network.</b> <i>Hemapriyalakshmi R, Akshara S, Keerthana S, Bharathi B and Kavitha S.</i>	22/06/2019

**SIGNAL PROCESSING****SESSION-IV**

<b>S.NO</b>	<b>PAPER ID</b>	<b>Title</b>	<b>Date</b>
1	334	<b>Quantum Cryptography Protocols for IOE Security: A Perspective</b> <i>Nikhil Pradeep Chittoor, Kameswara Rao Manchiraju and Sai Vikas Balabhadrapatruni.</i>	22-06-2019
2	341	<b>Secure Mobile-Server Communication Using Vector Decomposition Problem</b> <i>Arjun Gopinath P and Praveen I.</i>	22-06-2019
3	342	<b>An Efficient Batch Verification Scheme for Secure Vehicular Communication using Bilinear Pairings on Non-Cyclic Groups</b> <i>K N Sridharan Namboodiri and I Praveen.</i>	22-06-2019
4	345	<b>Remote Sensing Image Super-Resolution Using Residual Dense Network</b> <i>Abhijith Jayanarayan, Sowmya V and Soman K P.</i>	22-06-2019
5	360	<b>A Hybrid Full adder design Using Multigate Devices Based On XOR/XNOR Logic</b> <i>Ciddula Rathnakar, Senthilkumar Vm, Ravindrakumar S and Anantha Guptha M.</i>	22-06-2019
6	438	<b>Correlative wave form coding for interference mitigation in VHF-radar system</b> <i>K Satish Babu.</i>	22-06-2019
7	182	<b>Low Power Less Leakage Operational Transconductance Amplifier (OTA) Circuit Using FinFET</b> <i>Maram Anantha Guptha, Senthilkumar V.M., Hari Prasad T and Ravindrakumar S.</i>	22-06-2019
8	450	<b>Retrieval of Video Contents based on Deep Parameter Analysis using Machine Learning</b> <i>Mallikharjuna Lingam K and Vsk Reddy</i>	22-06-2019
9	451	<b>Extraction of Key frames using Rough Set Theory for Video Retrieval</b> <i>Naveen Kumar Gs and Vsk Reddy</i>	22-06-2019
10	33	<b>Network Simulation &amp; Performance Analysis using Riverbed Modeler</b> <i>Sheikh Raashid Javid, Sanjay Kumar Dubey, Ajay Shanker Singh</i>	22-06-2019
11	43	<b>An Enhanced Low Duty Cycle MAC protocol for Wireless Sensor Networks</b> <i>Kumar Debasis and M. P. Singh.</i>	22-06-2019
12	382	<b>Optimal selection of Wavelet transform for denoising of ECG signal on the basis of Statistical Parameters</b> <i>Shivani Saxena and Ritu Vijay.</i>	22-06-2019