

**Fifth International Conference on 'ADVANCED COMPUTING AND
COMMUNICATION TECHNOLOGIES FOR HIGH PERFORMANCE
APPLICATIONS' July 2-4, 2020**

Programme Chart

Day 1: 2nd July 2020

10.00 a.m **Inaugural Function**

10.30 a.m. **Keynote Address**

Topic: *Cyber Crimes in Social Media Networks- Challenges and Opportunities*

Dr.S.D.Madhu Kumar, Professor of CSE Dept. & Dean(SW), NIT Calicut

11.00 a.m . Paper Presentation-Session 1

Sl no	Paper id	Title of the paper
1	13	Development of Web and Mobile Application Based Online Buy, Sell and Rent Car System
2	87	An Efficient Cloud Ranking Protocol for User Service Selection Using Fuzzy Logic
3	30	A Framework Cloud based Messaging System using MQTT
4	98	An Enhanced Round Robin (ERR) algorithm for Effective and Efficient Task Scheduling in cloud environment
5	115	A Proposed Design of Conventional 4-Bit Carry Look-Ahead Adder Improving Performance.
6	134	A Framework of Modified Generative Adversarial Network for Stock Market Prediction

1.00 p.m . Paper Presentation-Session 2

Sl no	Paper id	Title of the paper
1	14	An Interactive Tele-Medicine System via Android Application.
2	76	A study on the significance of smart IoT sensors and Data science in Digital agriculture

3	44	Comparison of deep neural networks for reference evapotranspiration prediction using minimal meteorological data
4	85	Digital Twin in Smart Farming: A Categorical Literature Review and Exploring Possibilities in Hydroponics
5	118	Smart Servomotor for Robotics and its Cybersecurity
6	130	A study on using private-permissioned blockchain for securely sharing farmers data

3 p.m . Paper Presentation-Session 3

Sl no	Paper id	Title of the paper
1	19	Decision Tree approach to Identify Vision Disorder for lazy Eye.
2	95	SAARTHI: Real-Time Monitoring of Patients by Wearable Device
3	52	Evaluation of Factors Affecting Compressive Strength of Concrete using Machine Learning
4	61	Deepnet for Detecting Analyzable Metaphases
5	63	Predicting Human Activity from Mobile Sensor Data Using CNN Architecture
6	86	Multi-Soft Set Based Approach for Rule based Classification Using Sequential Covering Algorithm

Day 2: 3rd July 2020

9.30 a.m . Paper Presentation-Session 4

Sl no	Paper id	Title of the paper
1	96	Computer-Aided Diagnosis of Thyroid Nodule from Ultrasound Images Using Transfer Learning from Deep Convolutional Neural Network Models
2	104	AI BASED INDIGENOUS MEDICINAL PLANT IDENTIFICATION
3	114	Detection & Identification of Diseases Affecting Banana Leaf
4	119	A Comprehensive Study on Convolutional Neural Networks for Chromosome Classification
5	123	Effects of Preprocessing on the Quantification of Cerebral Blood Flow from Arterial Spin Labeling MRI
6	125	A University Admission Prediction System using Stacked Ensemble Learning

11.15 a.m . Paper Presentation-Session 5 (

Sl no	Paper id	Title of the paper
1	49	Evaluation of Inpainting in Speckled and Despeckled 2D Ultrasound Medical Images
2	50	Inverse Synthetic-Aperture Radar(ISAR) Images Recognition Using Deep Learning
3	101	GAN Based Photo-Realistic Image Generation from Sketch using Nested U-Net
4	126	A Deep CNN Technique for Detection of Breast Cancer Using Histopathology Images.
5	127	MULTIMODAL MRI BASED CLASSIFICATION AND PREDICTION OF ALZHEIMER'S DISEASE USING RANDOM FOREST ENSEMBLE
6	102	Morphological Operators on Hypergraphs for Colour Image Processing.

1.15 p.m . Paper Presentation-Session 6

Sl no	Paper id	Title of the paper
1	55	Comprehensive Study on Sentiment Analysis: Types, Approaches, Recent Applications, Tools and APIs
2	59	Sentiment Analysis for Predicting Customer Reviews using Hybrid Approach
3	72	A Social Network Analysis of the Malayalam Novel Balyakalasakhi
4	92	A Novel Simplified Approach for Text Line Extraction of Handwritten Malayalam Document
5	97	Web Text Content Credibility Analysis using Max Voting and Stacking Ensemble Classifiers
6	51	SENTIMENT ANALYSIS AND CLASSIFICATION ON TWITTER SPAM ACCOUNT DATASET.

3.00 p.m. **Keynote Address**

Topic: Creating for Creating

Mr. Fabin Rasheed, Pretia, Japan

Day 3: 4th July 2020

10.00 a.m. **Keynote Address**

Mr.Sreelal T S, Program Director, Tata Electric Vehicle Charging network, TCS

10. 30 a.m . **Paper Presentation-Session 7**

Sl no	Paper id	Title of the paper
1	77	Optimal Path Length for Octagon-Cell Interconnection Networks: Fundamental Theorems with Proofs
2	81	Reverse Principal Component Analysis for Multi-Output Regression
3	100	A Hybrid Approach Using Ant Colony Optimization and Binary Particle Swarm Optimization (ACO:BPSO) for Energy Efficient Multipath Routing in MANET
4	35	Computational Investigation of Arjunarishta Formulation using Module-Network Analysis.
5	129	Study on Impact of RNN, CNN and HAN in Text Classification
6	109	Eye movement classification using CNN

12.30 p.m . **Paper Presentation-Session 8**

Sl no	Paper id	Title of the paper
1	82	Score Level based Fusion Method for Multimodal Biometric Recognition using Palmprint and Iris
2	105	A Hybrid Feature Selection Approach Using Artificial Bee Colony and Genetic Algorithm
3	2	Ear-Biometric for Human Identification.
4	48	An Improved Upper Bound for Genome Rearrangement by Prefix Transpositions.
5	94	Face Depth Estimation and 3-D reconstruction
6	112	Performance Analysis of 1-Bit Full Adder Using Adiabatic ECRL Technique.

2.30 p.m **Concluding**