

8th International Conference on Innovations in Computer Science & Engineering (ICICSE-2020) - Virtual Conference

Springer Papers Online Presentations Schedule for Day-1 & Day-2

| DAY-1 Session-1 | | | Date: 28/08/2020 | |
|--|------------|--|--|-------------|
| Google Link: https://meet.google.com/jpg-dgkb-whd | | | Session In-Charge Contact Number: 9848024435 | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S1-01 | Implementation of Braille Tab | <i>Tejas Kulkarni, Shikha Jha, Sunny Gupta and Anuja Gote</i> | 12:30-12:45 |
| 2 | S1-02 | Resized MIMO Antenna for 5G Mobile Antenna Applications | <i>S. Subramanyam, Ashok Kumar S and T. Shanmuganantham</i> | 12:45-1:00 |
| 3 | S1-03 | Molecule 4 Port Antenna is Utilizing Detachment Progress of MIMO | <i>K. Venugopal Rao, Ashok Kumar S and T. Shanmuganantham</i> | 1:00-1:15 |
| 4 | S1-04 | IOT Based Under Water Wireless Communication | <i>Gitimayee Sahu and Sanjay S. Pawar</i> | 1:15-1:30 |
| 5 | S1-05 | Dynamic and Incremental Update of Mined Association Rules against Changes in Dataset | <i>N.Satyavathi and B.Rama</i> | 1:30:1-45 |
| 6 | S1-06 | E-Governance using Big Data | <i>Poonam Salwan and Veerpaul Kaur Maan</i> | 1:45-2:00 |
| 7 | S1-07 | Future Smart Home Appliances Using IoT | <i>Dr. Pattlola Srinivas, M.Swami Das and Dr. Y.L.Malathi Latha</i> | 2:00-2:15 |
| 8 | S1-08 | Suvarga: Promoting A Healthy Society | <i>Priya R. L, Yash Mate, Gaurav Tirodkar, Gayatri Patil and Nikhil Nagdev</i> | 2:15-2:30 |
| 9 | S1-09 | IoT Based Smart Irrigation System | <i>Mithilesh Kumar Pandey, Deepak Garg, Neeraj Kumar Agrahari and Shivam Singh</i> | 2:30-2:45 |
| 10 | S1-10 | Security Features in Hadoop – A Survey | <i>Gousiya Begum, S Zahoor Ul Huq and A. P Siva Kumar</i> | 2:45-3:00 |

| | | | | |
|----|-------|--|---|-----------|
| 11 | S1-11 | Homer Based DES for Techno-Economic Optimization of Grid | <i>R.Raja Kishore, D.Jaya Kumar, Dhonvan Srinu and K.Satyavathi</i> | 3:00-3:15 |
| 12 | S1-12 | A Comparative Study on the Performance of Bio-Inspired Algorithms on Benchmarking and Real-World Optimization Problems | <i>Lakshmi Priya E, Sai Sreekari C and Jeyakumar G</i> | 3:15-3:30 |
| 13 | S1-13 | A Multi-Factor Approach for Cloud Security | <i>Francis K. Mupila and Himanshu Gupta</i> | 3:30-3:45 |

| DAY-1 Session-2 | | | Date: 28/08/2020 | |
|---|------------|--|--|-------------|
| Google Link: https://meet.google.com/qwa-zznp-fmq | | | Session In-Charge Contact Number: 8185989708 | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S2-01 | Pattern Prediction Using Binary Trees | <i>T. Aditya Sai Srinivas, Somula Ramasubbareddy, Aravind Karrothu and Manivannan S.S</i> | 12:30-12:45 |
| 2 | S2-02 | Cross-domain Variational Capsules for Information Extraction | <i>Akash Nagaraj, Akhil K, Akshay Venkatesh and Srikanth HR</i> | 12:45-1:00 |
| 3 | S2-03 | Analysis of Quality of Experience (QoE) in Video Streaming over Wi-Fi in Real Time | <i>Vijayalakshmi M and Linganagouda Kulkarni</i> | 1:00-1:15 |
| 4 | S2-04 | Self Driven UGV for Military Requirements | <i>Hrishikesh Vichore, Jaishankar Gurumurthi, Akhil Nair, Mukesh Choudhary and Leena Ladge</i> | 1:15-1:30 |
| 5 | S2-05 | Vehicular Ant Lion Optimization Algorithm(VALOA) for Urban Traffic Management | <i>Ruchika Kumari and Rakesh Kumar</i> | 1:30:1-45 |
| 6 | S2-06 | Implementation of Voice Controlled Hot and Cold Water Dispenser System Using Arduino | <i>K. Sateesh Kumar, P. Udaya Bhanu, Murali Krishna, P. Vijay Kumar and Ch. Saidulu</i> | 1:45-2:00 |
| 7 | S2-07 | Missing Phone Activity Detection Using LSTM Classifier | <i>Abhinav Rastogi, Arijit Das and Aruna Bhat</i> | 2:00-2:15 |
| 8 | S2-08 | Punjabi Children Speech Recognition System under Mismatch Conditions Using Discriminative Techniques | <i>Harshdeep Kaur, Vivek Bhardwaj and Virender Kadyan</i> | 2:15-2:30 |

| | | | | |
|----|-------|---|---|-----------|
| 9 | S2-09 | A Hybrid Approach for Region-Based Medical Image Compression with nature-inspired optimization algorithm | <i>Saravanan S and Sujitha Juliet</i> | 2:30-2:45 |
| 10 | S2-10 | Investigating the Performance of MANET Routing Protocols under Jamming Attack | <i>Protiva Sen and Md. Mostafizur Rahman</i> | 2:45-3:00 |
| 11 | S2-11 | Flood Relief Rover for Air and Land Deployment (FRRALD) | <i>Jewel Moncy John, Justin Eapen, Jeffin John, Ebin Joseph and Abraham K Thomas</i> | 3:00-3:15 |
| 12 | S2-12 | An Enhanced Differential Evolution Algorithm with Sorted Dual Range Mutation Operator to Solve Key Frame Extraction Problem | <i>Aathira M and Jeyakumar G</i> | 3:15-3:30 |
| 13 | S2-13 | Annotation for Object Detection | <i>Myna P, Anirudh RV, Brundha Rajendra Babu, Eleanor Prashamshini and Jyothi S Nayak</i> | 3:30-3:45 |

DAY-1 Session-3

Date: 28/08/2020

Google Link: <https://meet.google.com/eeg-ttuc-voa>

Session In-Charge Contact Number: 9505391948

| S.No. | Session ID | Title of the Paper | Author Names | Time |
|-------|------------|--|---|-------------|
| 1 | S3-01 | Static and Dynamic Activities Prediction of Human using Machine and Deep Learning Models | <i>S. Valai Ganesh, Mohit Agarwal, Suneet Kr. Gupta and S.Rajakarunakaran</i> | 12:30-12:45 |
| 2 | S3-02 | Fruit Recognition Using Deep Learning | <i>P. Balakesava Reddy, Somula Ramasubbareddy, D. Saidulu and Govinda.K</i> | 12:45-1:00 |
| 3 | S3-03 | Automotive Accident Severity Prediction using Machine Learning | <i>Niva Mohapatra, Shreyanshi Singh, Bhabendu Kumar Mohanta and Debasish Jena</i> | 1:00-1:15 |
| 4 | S3-04 | Multilingual Crawling Strategies for Information Retrieval from BRICS Academic Websites | <i>Shubam Bharti, Shivam Kathuria, Manish Kumar, Rajesh Bhatia and Bhavya Chhabra</i> | 1:15-1:30 |

| | | | | |
|---|-------|---|---|-----------|
| 5 | S3-05 | Multi-Task Data Driven Modelling Based on Transfer Learned Features in Deep Learning for Biomedical Application | <i>Harini N, Ramji B, Sowmya V, Vijay Krishna Menon, Gopalakrishnan E A, Sajith Variyar V and Soman K P</i> | 1:30:1-45 |
| 6 | S3-06 | Effective Irrigation Management System for Agriculture Using Machine Learning | <i>S. T. Patil, M.S. Bhosale and R.M.Kamble</i> | 1:45-2:00 |
| 7 | S3-07 | Attention Mechanism Based News Sentiment Analyzer | <i>Sweta Kaman</i> | 2:00-2:15 |
| 8 | S3-08 | Interactive Chatbot for COVID-19 using Cloud and Natural Language Processing | <i>Jaimin Patel, Nehal Patel and Sandip Patel</i> | 2:15-2:30 |

| DAY-1 Session-4 | | Date: 28/08/2020 | | |
|---|-------------------|---|--|-------------|
| Google Link: https://meet.google.com/zrk-zgkf-tii | | Session In-Charge Contact Number: 9703038819 | | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S4-01 | Classification of Skin Cancer Lesions Using Deep Neural Networks and Transfer Learning | <i>Danny Joel Devarapalli, Venkata Sai Dheeraj Mavilla, Sai Prashanth Reddy Karri, Harshit Gorijavolu and N. Sri Anjaneya</i> | 12:30-12:45 |
| 2 | S4-02 | Optical Character Recognition and Neural Machine Translation Using Deep Learning Techniques | <i>K Chandra Shekar, Maria Anisha Cross and Vignesh Vasudevan</i> | 12:45-1:00 |
| 3 | S4-03 | COVID-19 Touch Project using Deep Learning and Computer Vision | <i>Chatla Venkat Rohit and GRS Murthy</i> | 1:00-1:15 |
| 4 | S4-04 | Development of Self Governed Flashing System in Automotives using AI Technique | <i>N.Sankarachelliah, V.Rijith Kumar, P.Senthilram, S.Valai Ganesh, T.Selva Sundar, S.Godwin Barnabas and S.Rajakarunakaran</i> | 1:15-1:30 |
| 5 | S4-05 | An Automated Bengali Text Summarization System Using Lexicon Based Approach | <i>Sheikh Shahparan Mahtab, Busrat Jahan, Md. Faizul Huq Arif, Md. Ismail Siddiqi Emon, Sharmin Akter Milu and Md. Julfiker Raju</i> | 1:30:1-45 |

| | | | | |
|---|-------|--|--|-----------|
| 6 | S4-06 | Intracranial Hemorrhage Detection using Deep Convolutional Neural Network | <i>Thirunavukkarasu K, Anmol Gupta, Satheesh Abimannan and Shanawaz Khan</i> | 1:45-2:00 |
| 7 | S4-07 | Substituting Phrases with Idioms: A Sequence-to-Sequence Learning Approach | <i>Nikhil Anand</i> | 2:00-2:15 |
| 8 | S4-08 | A Composite framework for Implementation of ICT Enabled Road Accident Prediction using Spatial Data Analysis | <i>Dara Anitha Kumari and Dr. A. Govardhan</i> | 2:15-2:30 |

| DAY-2 Session-1 | | | Date: 29/08/2020 | |
|--|------------|---|--|-------------|
| Google Link: https://meet.google.com/jpg-dgkb-whd | | | Session In-Charge Contact Number: 9848024435 | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S1-14 | An Innovative Authentication Model for the Enhancement of Cloud Security | <i>Francis K. Mupila and Himanshu Gupta</i> | 11:30-11:45 |
| 2 | S1-15 | Evolutionary Algorithm for Solving Combinatorial Optimization – A Review | <i>Anisha Radhakrishnan and G Jeyakumar</i> | 11:45-12:00 |
| 3 | S1-16 | Effect of J48 and LMT algorithms to Classify Movies in the Web – A Comparative Approach | <i>Prashant Bhat and Pradnya Malaganve</i> | 12:00-12:15 |
| 4 | S1-17 | A System to Create Automated Development Environments Using Docker | <i>Akhilesh NS, Aniruddha MN, Anirban Ghosh and Sindhu K</i> | 12:15-12:30 |
| 5 | S1-18 | Novel Methodologies for Processing Structured Big Data Using Hadoop Framework | <i>Prashant Bhat and Prajna Hegde</i> | 12:30-12:45 |
| 6 | S1-19 | Intelligent Cane for Assistant to Blind and Visual Impairment People | <i>Meet Patel, Hemal Ahir and Falgun Thakkar</i> | 12:45-1:00 |
| 7 | S1-20 | Study of Behavioral Changes and Depression Control Mechanism Using IoT and VR | <i>Pavan Kumar Katkuri and Archana Mantri</i> | 1:00-1:15 |
| 8 | S1-21 | Voting Classification Method with PCA and K-Means for Diabetic Prediction | <i>Anupama Yadav, Harsh K Verma and Lalit Kumar Awasthi</i> | 1:15-1:30 |
| 9 | S1-22 | Automated SQL Grading System | <i>Shohna Kanchan, Samruddhi Kalsekar, Nishita Dubey, Chelsea Fernandes and Safa Hamdare</i> | 1:30-1:45 |

| | | | | |
|----|-------|--|---|-----------|
| 10 | S1-23 | Error Analysis with Customer Retention data | <i>Kaviya V, Harisankar V, Padmavathi S</i> | 1:45-2:00 |
| 11 | S1-24 | Prediction Based Task Scheduling for Load Balancing in Cloud Environment | <i>Suresh Chandra Moharana, Dr. Amulya Ratna Swain and Dr. Ganga Bishnu Mund</i> | 2:00-2:15 |
| 12 | S1-25 | Test Case Generation Using Adequacy Based Genetic Algorithm | <i>Ruchika Malhotra and Shivani Pandey</i> | 2:15-2:30 |
| 13 | S1-26 | An Energy-efficient PSO based Cloud Scheduling Strategy | <i>Dr. Ranga Swamy Sirisati, M Vishnu Vardhana Rao, S Dilli Babu and Dr. M V Narayana</i> | 2:30-2:45 |

| DAY-2 Session-2 | | | Date: 29/08/2020 | |
|---|------------|---|---|-------------|
| Google Link: https://meet.google.com/qwa-zznf-fmq | | | Session In-Charge Contact Number: 8185989708 | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S2-14 | Comparison between CNN and RNN techniques for Stress Detection using Speech | <i>Dr. Bageshree Pathak, Aditi Karjole, Snehal Gajbhiye and Sonali Pawar</i> | 11:30-11:45 |
| 2 | S2-15 | Finding the K th Max Sum Pair in an Array of Distinct Elements using Search Space Optimization | <i>Deepak Ahire, Smriti Bhandari and Kiran Kamble</i> | 11:45-12:00 |
| 3 | S2-16 | Dynamic Trade Flow of Selected Commodities Using Global Entropy | <i>Sharmin Akter Milu and Ashadun Nabi</i> | 12:00-12:15 |
| 4 | S2-17 | Location Based Pomegranate Diseases Prediction Using GPS | <i>Rajshri N. Malage and Mithun B. Patil</i> | 12:15-12:30 |
| 5 | S2-18 | Medical Image Enhancement Technique using Multiresolution Gabor Wavelet Transform | <i>Kapila Moon and Ashok Jetawat</i> | 12:30:12-45 |
| 6 | S2-19 | Odor and Air Quality Detection and Mapping in a Dynamic Environment | <i>Raghunandan Srinath, Jayavrinda Vrindavanam, Rahul Rajendrakumar Budyal, Sumukh Y R, Yashaswini L and Sangeetha S Chegaraddi</i> | 12:45-1:00 |
| 7 | S2-20 | A Study on Optimization of Sparse and Dense Linear System Solver over GF(2) on GPUs | <i>Prashant Verma and Kapil Sharma</i> | 1:00-1:15 |

| | | | | |
|----|-------|--|--|-----------|
| 8 | S2-21 | Single Channel Speech Enhancement Based on Signal-to-Residual Selection Criterion | <i>Ramesh Nuthakki , Junaid Abbas, Ayesha Afnan, Faisal Ahmed Shariff and Akshaya Hari</i> | 1:15-1:30 |
| 9 | S2-22 | A Comprehensive Survey on Attacks and Security Protocols for VANETs | <i>Aminul Islam, Sudhanshu Ranjan, Arun Pratap Rawat and Soumayadev Maity</i> | 1:30-1:45 |
| 10 | S2-23 | Skin Detection Using YCbCr Colour Space for UAV Based Disaster Management | <i>Arya S J, Asish A, Febi Shine B S, J L Sreelakshmi and Elizabeth Varghese</i> | 1:45-2:00 |
| 11 | S2-24 | A Pronoun Replacement Based Special Tagging System for Bengali Language Processing (BLP) | <i>Busrat Jahan, Ismail Siddiqi Emon, Sharmin Akter Milu, Mohammad Mobarak Hossain and Sheikh Shahparan Mahtab</i> | 2:00-2:15 |
| 12 | S2-25 | A High Performance Pipelined Parallel Generative Adversarial Network (PipeGAN) | <i>Rithvik Chandan, Niharika Pentapati, Rahul M Koushik and Rahul Nagpal</i> | 2:15-2:30 |
| 13 | S2-26 | Parallel Antlion Optimisation (ALO) and Grasshopper Optimization (GOA) for Travelling Salesman Problem (TSP) | <i>G R Dheemanth, Skanda VC and Rahul Nagpal</i> | 2:30-2:45 |

| DAY-2 Session-3 | | | Date: 29/08/2020 | |
|---|-------------------|---|--|-------------|
| Google Link: https://meet.google.com/eeg-ttuc-voa | | | Session In-Charge Contact Number: 9505391948 | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S3-09 | VISION AID : Scene Recognition Through Caption Generation Using Deep Learning | <i>Mathew Regi and Mathews Abraham</i> | 11:30-11:45 |
| 2 | S3-10 | Effect of Hybrid Multi-Verse with Whale Optimization Algorithm on Optimal Inventory Management in Block Chain Technology with Cloud | <i>Govindasamy C and Dr. A. Antonidoss</i> | 11:45-12:00 |
| 3 | S3-11 | Bottleneck Feature Extraction in Punjabi Adult Speech Recognition System | <i>Shashi Bala, Virender Kadyan and Vivek Bhardwaj</i> | 12:00-12:15 |
| 4 | S3-12 | A Study of Machine Learning Algorithms in Speech Recognition and Language Identification System | <i>Razia Sulthana and Aakansha Mathur</i> | 12:15-12:30 |
| 5 | S3-13 | Plant Leaf Disease Detection and Classification Using Machine Learning Approaches: A Review | <i>Majji V Appalanaidu and G Kumaravelan</i> | 12:30-12:45 |

| | | | | |
|---|-------|---|---|------------|
| 6 | S3-14 | Analysis, Visualization and Prediction of COVID-19 Pandemic Spread Using Machine Learning | <i>Snigdha Sen, Thejas B K, Pranitha B L and Amrita I</i> | 12:45-1:00 |
| 7 | S3-15 | Sentiment Analysis on Hindi-English Code-Mixed Social Media Text | <i>T Tulasi Sasidhar, Premjith B, Sreelakshmi K and Soman K P</i> | 1:00-1:15 |
| 8 | S3-16 | Accidents Risk Rating of Streets using Ensemble Techniques of Machine Learning | <i>Akanksha Rastogi and Amrit Lal Sangal</i> | 1:15-1:30 |

| DAY-2 Session-4 | | Date: 29/08/2020 | | |
|---|-------------------|--|---|-------------|
| Google Link: https://meet.google.com/zrk-zgkf-tii | | Session In-Charge Contact Number: 9703038819 | | |
| S.No. | Session ID | Title of the Paper | Author Names | Time |
| 1 | S4-09 | Lie Detection Using Thermal Imaging Feature Extraction from Periorbital Tissue and Cutaneous Muscle | <i>Prajakta Kodavade, Shivani Bhandigare, Aishwarya Kadam, Neha Redekar and Kiran P. Kamble</i> | 11:30-11:45 |
| 2 | S4-10 | Hybrid Model for Heart Disease Prediction Using Random Forest and Logistic Regression | <i>Hemant Kumar Sharma and Amrit Lal Sangal</i> | 11:45-12:00 |
| 3 | S4-11 | Detection of Android Malware Using Machine Learning Techniques | <i>Sonal Pandey, C. Rama Krishna, Ashu Sharma and Sanjay Sharma</i> | 12:00-12:15 |
| 4 | S4-12 | The Predictive Genetic Algorithm (GA) Load Management Mechanism for Artificial Intelligence System Implementation (AI) | <i>T. Pushpatha and S. Nagaprasad</i> | 12:15-12:30 |
| 5 | S4-13 | Continuous Recognition of 3D Space Handwriting using Deep Learning | <i>Sagar Maheshwari and Sachin Gajjar</i> | 12:30:12-45 |
| 6 | S4-14 | Performance Analysis of π , AL and ICT for Consistency Regularization using Semi Supervised Learning | <i>Rishita Choubey and Koushik Bhattacharyya</i> | 12:45-1:00 |
| 7 | S4-15 | Electroencephalogram Based Classification of Brain Disorders Using Artificial Intelligence | <i>Dr. Laxmi Raja and Dr. R. Santhosh</i> | 1:00-1:15 |
| 8 | S4-16 | Osteoarthritis Identification Using Machine Learning Techniques | <i>Naidu Srinivas Kiran Babu and E Madhusudhana Reddy</i> | 1:15-1:30 |