



3rd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2022)
28-29, December 2022



Jointly organized by

Jawaharlal Nehru Technological University Kakinada
Prof. CHSN Research Foundation, Kakinada
Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam
BioAxis DNA Research Centre (P) Ltd, Hyderabad

Program Schedule

Day-1 28th December 2022

Time (IST)	Activity			
08.30 - 10.00	Registration			
10.00 - 11.15	Inauguration			
11.15 - 11.45	Tea Break			
11.45-13.00	Keynote Address	<p align="center">Deepfake Detection & Challenges by <i>Dr. WarusiaYassin, Universiti Teknikal Malaysia Melaka, Malaysia</i></p>		
13.00 - 14.15	Lunch Break			
14.15 - 15.30	Keynote Address	<p align="center">Machine Learning in Medical Image Analysis by <i>Dr. Worapan Kusakunniran, Mahidol University, Thailand</i></p>		
15.30 - 15.45	Tea Break			
15:45 - 17.45	Paper Presentations	Session-I	Session-II	Session-III

Day-2 29th December 2022

Time (IST)	Activity			
09.00-11.00	Paper Presentations	Session-IV	Session-V	Session-VI
11.00 - 11.15	Tea Break			
11:15-12.30	Keynote Address	<p align="center">Prescriptive Analytics - Health human resource projection based on System Dynamics modelling and simulation approach by <i>Dr. ZuraidaAbal Abas, Universiti Teknikal Malaysia Melaka, Malaysia</i></p>		
12.30 - 13.45	Keynote Address	<p align="center"><i>Keynote Talk</i> <i>Dr. Wijaya, IGP Suta, Mataram University, Indonesia</i></p>		
13.45-14.15	Lunch Break			
14.15 - 15.15	Keynote Address	<p align="center"><i>Keynote Talk</i> <i>Dr. Firoz Ahmed, University of Rajshahi, Bangladesh</i></p>		
15.30 - 16.30	Valedictory Session			



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Session Chair:		Session-I	28.12.2020, 15:45-17:45
<i>IST</i>			
Paper ID	Title of Paper		
269	Subodh Mor, Shikha Khera and Girish Chandra Maheshwari. Analysis of Prevalence of Flat Foot in Primary School Children		
319	Sai Gopala Swamy Gadde, Pravallika Kudipudi and Srinivas Kudipudi. Evolutionary, Protein-Protein Interaction (PPI) and Domain-Domain Analyses in Huntington's Disease		
421	Alampally Sreedevi and Manike Chiranjeevi. A Novel Res+LSTM Classifier-based Tomato Plant Leaf Disease Detection Model with Artificial Bee Colony Algorithm		
468	Sunkari Pradeep, Cvpr Prasad and Chinthakindhi Ruchitha. The development of advanced deep learning-based EoR signal separation techniques		
472	Arun Prakash Jayakanthan, Asswin C R, Dharshan Kumar K S, Avinash Dora, Sowmya V and Vinayakumar Ravi. Pediatric Pneumonia Diagnosis using Cost-Sensitive Attention Models		
778	Warusia Yassin. An Integrated Deep Learning Deepfakes Detection Method (IDL-DDM)		
781	Venkata Sai Geethika Avanigadda and Devika Moturi. Melanoma Detection Using Convolutional Neural Networks		

Session Chair:		Session-II	28.12.2020, 15:45-17:45
Paper ID	Title of Paper		
1653	Preethi Kulkarni and Dr.C.V.P.R. Prasad. ASR-Net: Deep Learning based Automatic Speaker Recognition using Self-Organized Feature Mapping		
2155	Prashanth Ragam, Karthik Guntha and Jagadesh B.N.. Machine Learning Based Path-loss Estimation Model for a 2.4 GHz ZigBee Network		
2336	Ganapa Sri Sai Venkata Badrish and Katuri Gayatri Naga Prabhanjali. Comparative Analysis of CNN Models with Vision Transformer on Lung Infection Classification		
2417	Tanikonda Madhumitha, Malladi Nikitha, Pandamaneni Chinmayi Supraja and Sitakumari Kotha. Classification of Alzheimer's Disease using Stacking-based Ensemble and Transfer Learning		
2468	Kumar P, Vinodhkumar S and Priya L. Heart Device for expectation of coronary illness utilizing Internet of Things		
3217	Lavanya Bagadi, Srinivas B, Rajaramesh Desella and Suryaprasad P. Ensemble Model Detection of COVID19 from Chest X-Ray Images		
3598	Anjani Suputri Devi D, Sasi Rekha D, Kishore Kumar Mudugu, P Rama Mohana Rao and G Naga Vallika. Transfer learning based effective facial emotion recognition using contrast limited adaptive histogram equalization (CLAHE)		

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries



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Session Chair:		Session-III	28.12.2020, 15:45-17:45
Paper ID	Title of Paper		
2815	Kuldeep Vayadande, Ritesh Pokarne, Mahalakshmi Phaldesai, Tanushri Bhuruk, Tanmay Patil and Prachi Kumar. A Review Paper On Progressive Approach To Reduce Context Switching In Round Robin Scheduling Algorithm		
3022	Nagaraju Devarakonda and Kishore Babu Dasari. Syn Flood DDoS Attack Detection with Different Multilayer Perceptron Optimization Techniques Using Uncorrelated Feature Subsets selected by Different Correlation Methods		
3611	Sowmiya S and Dr.Menaka. D. Transformer model for human activity recognition using IoT wearables		
3653	Hayder Kareem Algabri, Rajanish K. Kamat, Kabir G. Kharade and Naresh Babu Muppalaneni. Design and Development of a Chatbot for Personalized Learning in Higher Education		
3904	Sridevi Kadiyam and Jhansi Rani A. Performance Evaluation of Concentric Hexagonal Array for Smart antenna applications		
1351	Sandip Kanoo and Sumit Biswas. The Planning and Construction of a Quantum Model of the SHA-1 Algorithm Using IBM's Qiskit		
2500	Tomasz Rak. Parallel Programming in the Hybrid Model on the HPC Clusters		

Session Chair:		Session-IV	29.12.2020, 09:00-11:00
Paper ID	Title of Paper		
4279	Sai Geethika Gudapati, Sai Sreeja Velaga, Tharuni Tungala and Radheshyam Vaddi. Vegetation Change Detection of Multispectral Satellite Images Using Remote Sensing		
4681	Pandiselvi C and Sivakumar S. Performance evaluation of neural networks based virtual machine placement algorithm for server consolidation in cloud data centres		
5166	Candy Lalrempuii and Badal Soni. Low Resource Indic Languages Translation using Multilingual Approaches		
5185	Soumita Das, Anupam Biswas and Akrati Saxena. DCC: A Cascade based Approach to Detect Communities in Social Networks		
5205	Yepuri Venkatesh and Kanaka Durga Bhavani Kathula. Artificial Neural Network Based Fault Classification and Location Identification in Over Head Transmission Lines		
5547	Kuldeep Vayadande, Aditya Bodhankar, Ajinkya Mahajan, Diksha Prasad, Shivani Mahajan and Riya Dhakalkar. An improved way to implement Round Robin Scheduling Algorithm		
6216	Dhaval Patel, Chandrashekar Goswami, Bimal Patel, Mikin Patel and Jalpesh Vasa. E-learning paradigm in Cloud computing and pertinent challenges in models used for cloud deployment		
6455	Vijaykumar Bhanuse. Parkinson's Disease Detection Using Machine Learning Models		

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Session Chair:		Session-V	29.12.2020, 09:00-11:00
Paper ID	Title of Paper		
6608	Yedida V R S Viswanadham and Kayalvizhi Jayavel. Implementation of Blockchain in Automotive Industry to Secure Connected Vehicle Data: Study and Analysis		
7039	Rathinapriya Vasu and Kalaivani J. A Short Survey on Fake News Detection in Pandemic Situation towards Future Directions		
7203	Aishwarya Kumar and Seeja K.R.. Periocular Biometrics and its Applications: A Review		
7321	Sai Manohar Lutikurthi, Anuradha Govada, Venkata Uday Kiran Pasupuleti and Kirthan Dhulipalla. Salt segment identification in seismic images using UNet with ResNet		
7514	Ajay Anoop and Jeetu S Babu. A Study of Comparison Between YOLOv5 and YOLOv7 for Detection of Cracks in Concrete Structures		
7793	Rajendra Budake, Sudhakar Bhoite and Kabir Kharade. Identification and Classification of Functional and Nonfunctional Requirements using Machine Learning		
7817	Dr.Kalpna Gudikandhula, Trishala Reddy Trishala Reddy and Vaishnavi Reddy Vaishnavi Reddy. Expiry Date Detection on Product Packages With the Help of a Generalized Framework Using Fully Convolutional Networks		
8107	Eduri Raja, Badal Soni and Samir Kumar Borgohain. Fake News Detection in Dravidian Languages using Transformer Models		

Session Chair:		Session-VI	29.12.2020, 09:00-11:00
Paper ID	Title of Paper		
8436	Ramanujam E, Shankar K and Arpit Sharma. A Review on Artificial Intelligence Techniques for Multilingual SMS Spam detection		
8576	Annbuselvi K, Santhi N and Sivakumar S. Fusion of LBP and Median LBP for Dominant Region based Multimodal Recognition using Imperfect Face and Gait Cues		
8620	B N Jagadesh, L Kanya Kumari and Akella V S N Murthy. A Deep Convolutional Neural Network for Breast Cancer Detection in Mammograms		
9030	R.Kiran Kumar, G.Sai Chaitanya Kumar and N.Raghavendra Sai. MALICIOUS SOCIAL BOTS DETECTION IN THE TWITTER NETWORK USING LEARNING AUTOMATA WITH URL FEATURES		
2734	T Sreenivasula Reddy, R Sathya and Mallikharjuna Rao Nuka. An Extensive Study of Frequent Mining Algorithms for Colossal Patterns		
1344	J V N Raghava Deepthi, Ajoy Kumar Khan and Tapodhir Acharjee. Reinforcement Learning Based Spectrum Sensing And Resource Allocation In WSN-IoT Smart Applications		
4079	Rishitha Ponnuru, Venkata Sai Uppu, Dyutik Chaudhary Suryadevara and Anuradha Govada. A Comprehensive Study on Bridge Detection and Extraction Techniques		

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries