4th International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2023)

28-29, December 2023

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 2023

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	*Keynote Talk on* **AI-Driven Defect Prediction: Paving the Path for Sustainable Software Development** **by** *Dr. R. Kanesaraj A/L Ramasamy, Multimedia University, Malaysia*	
13.00 - 14.15	Lunch Break		
14.15 - 15.30	Keynote Address	*Keynote Talk on* **Pathway Construction and Network Analysis Towards New Knowledge Discovery** **by** *Dr. Sarahani Harun, Pensyarah Universiti, Malaysia*	
15.30 - 15.45	Tea Break		
15:45 - 17.45	Paper Presentations	Session-I	Session-II

Day-2 29th December 2023

Time (IST)	Activity		
09.00-11.00	Paper Presentations	Session-III	Session-IV
11.00 - 11.15	Tea Break		
11:15–12.30	Keynote Address	**Keynote Talk on** **Requirements Elicitation Framework: Learning Application for Children** **by** *Dr Mira Kania Sabariah, Telkom University, Indonesia*	
12.30 - 13.00	**Valedictory Session**		
13.00-14.15	Lunch		

Keynote Talks Meeting Link: https://meet.google.com/zai-rkoc-iay

Session I : https://meet.google.com/saf-psai-hjd

Session II: https://meet.google.com/ers-wxcd-mnq

Session III: https://meet.google.com/ynd-tksh-qzp

Session IV: https://meet.google.com/gxa-ayoi-wip

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Program Schedule

Session Chair:	Session-I	28.12.2023, 15:45-17:45 *IST*
Paper ID	**Title of Paper**	
15	An Enhanced Text Classification Using Machine Learning	
21	A powerful GRU-based deep-learning weatherman to predict temperature for Visakhapatnam	
22	A Novel Approach for Facemask Detection and Alert System using Machine Learning	
28	Protecting the IoT devices from DDoS Attack using Blockchain-Based Multi- Code-Driven Trust Mechanism	
29	Cosine Similarity-Based Android Application For Intelligent Driver Recommendations	
30	Evolving Safety Protocols: Deep Learning-enabled Detection of Personal Protective Equipment	

Session Chair:	Session-II	28.12.2023, 15:45-17:45
IST		
Paper ID	**Title of Paper**	
38	CASe UNet: Multilevel Multiscale UNet for Medical Image Segmentation	
51	Detection and Classification of Brain Tumor using Deep Learning Model	
54	Smart Agriculture System	
72	Improving Safety and Air Quality in the Mining Industry with IoT-Enabled Monitoring and Air Purification Solutions	
76	Integrating RFID Technology with Student Information Systems for Enhanced Management of Attendance and Financial Records	
83	Heart Disease Prediction System using BIRCH Clustering	

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

Session I : https://meet.google.com/saf-psai-hjd

Session II: https://meet.google.com/ers-wxcd-mnq

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Program Schedule

Session Chair:	Session-III	29.12.2023, 09:00-11:00 *IST*
Paper ID	**Title of Paper**	
94	Machine Reading Comprehension using NLP	
100	Fog Enabled Systematic Car Parking System	
101	Secure Data Sharing using Enhanced Attribute Based Encryption for Blockchain Technology	
104	Generalized Procedure for Cryptanalysis of ARX-based Block Ciphers	
113	EffiSANet: EfficientNet integration with Self Attention for Colorectal Cancer Classification	
60	Examining an Effective Nearest-Prime-Pixels-Based Image Encryption Cryptography	

Session Chair:	Session-IV	29.12.2023, 09:00-11:00 *IST*
Paper ID	**Title of Paper**	
129	Artificial Intelligence Integration in Programming Education: Implications for Pedagogy and Practice	
131	Strategies for Enhancing Software Reliability: A Focus on Fault Avoidance Techniques	
37	Vision Transformers for Remote Sensing(ViToRS) Image Scene Classification	
92	Estimation of Channel Availability in Cognitive Radio Networks	
126	Deep Anomaly Detection Approaches for Enhancing Pedestrian Safety	

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

Session III: https://meet.google.com/ynd-tksh-qzp

Session IV: https://meet.google.com/gxa-ayoi-wip