6th International Conference on
Computational Intelligence and Data Engineering
ICCIDE-2024

VIT-AP University, Near Vijayawada – 522237, Andhra Pradesh, INDIA

Friday,9th August,2024	
09:30AM–11:00AM	Inauguration
11:00 AM -11:10AM	Tea Break
11.10AM – 11.50AM	**Keynote1** Real-time digital signal processing applications using machine learning Prof. Mohan Krishna Varma Principal Researcher, GS co., Ltd ,South Korea
12:00PM–01:00PM	Session-1
External Session Chair: Kalyani Muppalla, Senior Researcher, GS Co., Ltd, South Korea Internal Session Chair: Dr. Saroj Kumar Panigrahy ,VIT-AP University Session Coordinator: Dr. Naga Jagadeesh.Bommagani, VIT-AP University	
34-TWDTW based LULC and Crop type classification using Sentinel -2 imagery(offline) 81-Machine Learning for Precise Musical Genre Classification(offline) 95-Identifying Disease Cluster from Blood Donor Data using EDA and Graph Modelling (offline) 108-MedXPERT: A Novel ML and G-AI based framework for Disease Diagnosis (offline)	
01:00PM–02:00PM	Lunch
2:00PM – 2:50 PM	**Keynote2** A paradigm shift in service research:The case of service composition Prof. Dr. Marco Aiello Head of the Service Computing Dept. IAAS - University of Stuttgart, Germany
2:50PM -3:00 PM	Tea break
3:00PM-5:30PM	Parallel Sessions

Session-2	Session-3
External Session chair: Mohan Krishna Varma Nandimandalam, Principal Researcher, GS co., Ltd, South korea. Internal Session Chair: Dr.Reeja S R / Dr.RameshVatambeti, VIT-AP University Session Coordinator: Dr. Chirra Venkata Ramireddy, VIT-AP University	External Session chair:Prof.Sagar Gurram, Usha Rama Engineering College,AP Internal Session Chair: Dr.G Muneeswari , VIT-AP University Session Coordinator: Dr. Beebi Naseeba, VIT-AP University
19-Diffusion Generative Models for MRI Reconstruction	111-Blockchain-Based Authentication Protocol for Healthcare Security Using NTRUEncrypt (offline)
22-LOW LIGHT WEAPON DETECTION USING YOLOv8	117-Design of a MIMO Antenna for UWB Applications
61-Enhancing Glaucoma Detection with YOLOv8: A Promising Approach for Early Diagnosis	118-Rainfall runoff modelling using geospatial techniques: A case study of Juba city, South Sudan (offline)
73-Meteorological Influences on Dengue Dynamics:Forecasting Strategies for Public Health Planning	123-Root cause analysis in microservice-based system using trace anomaly score and correlation analysis Root cause analysis in microservice-based system using trace anomaly score and correlation analysis (offline)
78-A Machine Learning-Based Diagnostic System for Polycystic Ovary Syndrome	

Saturday,10th August ,2024	
09:30AM–10:20AM	**Keynote 3** "Unlocking New Frontiers in Building Global Climate Resilience with AI-powered Image Processing" Prof. Michael Fernando University of Central Lancashire.
10:20AM -10:30AM	Tea break
10:30AM – 1:00PM	Parallel Sessions

Session-4	Session-5
External Session Chair: Dr. Komali Kantamaneni, University of Central Lancashire, UK Internal Session Chair: Dr.Anil Vithalrao Turukmane , VIT-AP University Session Coordinator: Dr. Selvakumar S / Dr. D.Santha devi , VIT-AP University	External Session Chair:Dr.A.Balasundaram, Associate Professor and Deputy Director, VIT-Chennai Internal Session Chair: Dr. Hari Seetha, VIT-AP University Session Coordinator: Dr. Mohan Allam ,VIT-AP University
126-Peer-to-Peer Lending: Machine Learning Insights for Enhanced Understanding (offline)	152-Defending the Digital Frontier: A User-Friendly Cybersecurity Toolkit for All
128-Evaluation of Mobile Application Architecture Structure Styles with Fuzzy Analytic Hierarchy Process	153-Drug Side Effects Prediction Using CS-CNN Approach
138-Deep Neural Network-based Tomato Plant Disease Classification with Improved Butterfly Optimization Algorithm	226-Revolutionizing Economic Forecasting: A Machine Learning Approach
144-A novel Enhancing security framework of IoT enabled Healthcare data	227-Co-Code: Collaborative Code Editor

1:00PM–2:00PM	Lunch
2:00PM–2:50PM	**Keynote 4** Strategic Optimizations & Machine Learning for Communications,Sensing and Cybersecurity Sangarapillai Lambotharan, BEng, PhD, DIC, PGCAP, SMIEEE, FHEA, FIET Professor of Signal Processing and Communications Director of the Institute for Digital Technologies Loughborough University, London Queen Elizabeth Olympic Park, The Broadcast Centre Here East, Lesney Ave, London E20 3BS, UK
2:50PM-3:00PM	Tea break
3:00PM–04:30PM	Session-6

External Session Chair: Dr.Vijaya J, Assistant Professor, CSE, IIIT Naya Raipur Internal Session Chair: Dr. Sachi Nandan Mohanty , VIT-AP University Session Coordinator: Dr. Karthika Natarajan, VIT-AP University
231-Agent-based Load Balancing on Dynamic Programmable Network 237-Enhanced Website Fingerprinting Attack Model: A CNN-Based Approach with WTFPad and Walkie-Talkie Defenses 240-Intellectual Book Guidance: Pioneering the Next Frontier with an Advanced Book Recommendation System 248-Facial Expression Recognition for Real Time Images using DNN Classifier and HOG Feature Extractor

4:30PM–5:00PM	Valedictory