Paper Presentation Schedule

Day 1: Technical Sessions

Day 1: 04th October 2024, Time: 2:30PM to 4:30PM Track 1:Machine Learning & IoT Solutions Dr.K.Padmaja Associate Professor, SoC, MBU https://meet.google.com/qah-cdgt-mcd		
Session Chairs:	**Dr. S Rama Sree**, Pro Vice Chancellor (Academics), Aditya University, Surampalem, Andhra Pradesh, India. **Dr.Subba Rao Polamuri** Associate Professor, Department of Computer Science and Engineering, Aditya University, Surampalem, Andhra Pradesh, India	
S.No	**Paper id**	**Title of the Paper**
1	48	IoT-Based Secure Health Monitoring System for Neonatal Incubators
2	181	A Hybrid Model for Cold Start Article Recommendations Leveraging Community Detection and Topic Analysis
3	241	Investigating Yoga Pose Identification and Categorization using Machine Learning Techniques
4	276	Design and development of an optimization chatbot using grid search hyper parameter tuning with performance & execution time analysis to select best machine learning classifier
5	282	Plant Disease Detection using firefly algorithm and Bayesian Optimization
6	322	Machine Learning for Automated Stroke Prediction: A Transparent and Investigative Study using a Web-Based Early Intervention Tool
7	403	Ship Detection Based On Faster R-CNN Using Range Compressed Airborne Radar Data
8	406	Adaptive Knowledge Transfer Engine: Dynamic Strategy Optimization and Scalable Learning for Diverse Machine Learning Tasks
9	436	Detection of Fake News using Logistic Regression, Decision Tree, Random Forest, and Gradient Boosting Algorithms

10	443	Enhancing Satellite Image Classification Using Vision Transformers and Deep Learning Models
11	468	Machine Learning and Internet of Things Devices for Waste Segregation
12	471	An Optimized Hybrid CNN-AlexNet Framework for Real-Time Crime Activity and Suspicious Object Detection
13	537	Energy-Efficient Cluster-Based Routing In Wireless Sensor Networks Using Resilient Honey Badger Optimization Algorithm
14	543	A multi-modal automated driver alert system based on Deep Learning

Day 1: 04th October 2024, Time: 2:30PM-4:30PM Track 2: Machine Intelligence Mr.Chiranjeevi, Asst.Professor, SoC, MBU https://meet.google.com/wbg-dhro-jgc		
Session Chairs:	**Dr. B V A N S S Prabhakar Rao,** Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Chennai, India. **Harshavardhan Nerella** Sr Cloud Engineer, MassMutual, Austin, TX, USA	
S.No	**Paper id**	**Title of the Paper**
1	53	Threat Analysis Using Social Media Patterns
2	105	Decoding Student Stress Patterns using LightGBM
3	154	Knowledge Based Recommendation System To Enhance The Cognitive Intelligence Of Undergraduate Students
4	166	From TF-IDF to BERT: Revolutionizing Clinical Text Classification With Modern Word Embeddings
5	229	Exploring Predictive Tools for Drug-Target Binding Affinity Using Machine Learning Approaches
6	240	Predicting diseases according to symptoms using machine learning with chatbots
7	264	A Recommender system to enhance the Cognitive abilities of a student using Semantic knowledge base
8	435	Eliminating Data Deduplication for Cloud Infrastructure Efficiency
9	411	StereoFusion: Spatial Integration of Retinal Images for Accurate Diabetic Retinopathy Detection

Day1: 04th October 2024, Time: 2:30-4:30PM		
Track 3:Intelligent Systems for Sustainable HealthCare and Agriculture Dr.M.Sirish Kumar, Associate Professor, SOC, MBU https://meet.google.com/swp-gbov-wge		
Session Chairs:	**Dr.Asadi Srinivasulu** University of Newcastle, ATC Building, Callaghan, NSW 2308, Australia. **Dr. Malla Sudhakara** Senior Computer Vision Scientist, Chistats Labs Private Limited, Pune.	
S.No.	**Paper Id**	**Title of the paper**
1	269	Deep Learning-based COPD Disease Prediction in Lungs
2	384	Automated and Scalable Hybrid Continual Learning Framework (ASHCLF) for Cross-Domain Applications
3	430	A Novel Optimization Approach for Pancreatic Cancer Classification Using a Hybrid Deep Learning Model
4	437	Comparison of Accuracy in Lung Cancer Classification Through Convolutional Neural Network Models Based on Histopathological Image
5	521	Improved Disease Detection Using CNN and Machine Learning Models
6	534	Predictive Healthcare System for Lung Cancer Risk Using Deep Learning on Clinical Data
7	541	Enhanced Iris Recognition with Optimized Gabor Filters and Deep Belief Networks Integrated with GRU
8	366	Machine Learning-Based Crop Recommendation System for Sustainable Agriculture
9	432	An IoT Based System for Automated Light Intensity Control for Plant Growth
10	438	Plant leaf diagnosis utilizing the Efficient Net deep learning model
11	535	A Hybrid Multi-Modal Approach Employing Pseudo Information Guidance And Cross Modal Autoencoders With Consistency Regularization For Precise Agricultural Pest Classification.

Day1: 04th October 2024, Time: 2:30PM-4:30PM		
Track 4: Security Solutions for Integrated IoT Ecosystems Mr.Venkata Sivaiah, Asst.Prof, SoC, MBU https://meet.google.com/qtf-nyxd-gbe		
Session Chairs:	**Dr. Siva Ram Rajeyyagari,** Dean, IT & E-Learning, Shaqra University, Shaqra **Dr. M. Rudra Kumar,** Professor of IT, Mahatma Gandhi Institute of Technology Hyderabad.	
S.No.	**Paper Id**	**Title of the paper**
1	180	Introducing an Ensemble method to PhishGuard: A Robust Stacked Ensemble Defense System Against Web Spoofing

2	270	Golden Eagle Optimizer assisted Multi-Objective Constraints for Secured IoT routing against Rank Attacks using Multi-scale depth-wise separable 1DCNN
3	370	Blockchain-Enabled Reputation Model for Dynamic Offloading and Resource Allocation in Fog Computing Networks
4	371	Simple and Secure Reversible Watermarking for Medical Data in Wireless Sensor Networks
5	373	A Blockchain-Based Decentralized Authentication and Access Control protocol for Fog Computing Environments
6	374	Blockchain-Integrated Intrusion Detection System for Fog Computing Networks
7	402	Machine Learning-Based Autonomous Physical Security Defenses
8	404	Phish Cather: Machine Learning Based Client-Side Defense Against Web Spoofing Attacks
9	424	Blockchain-Enhanced Secure Data Management for Internet of Vehicles (IoV) Networks
10	441	Enhancing Power System Reliability: A Neural Network Approach for Electrical Fault Detection and Classification
11	472	Preventing and Securing Cyber-attacks on Banking Transactions
12	544	Drone-Assisted SOA Routing for Stable Communication in Emergency Ad-Hoc Networks

Day-2: Technical Sessions

Day 2: 05th October 2024, Time: 10:30AM-12:30PM Track 5: Smart Innovations in Mezzanine Technologies Ms.Ch.Prathima, Asst.Prof, SoC, MBU https://meet.google.com/vjn-tszz-cmq		
Session Chairs	Dr. S.Nagini, & Dr. A. Brahmananda Reddy, CSE, VNRVJIET, Hyderabad-500090	
S.No.	**Paper Id**	**Title of the paper**
1	38	Dynamic Resource Allocation in Cloud Using Reinforcement Learning
2	96	A Learning Model on Customer Churn Forecasting for Telecom Providers
3	278	A Multi-Head Approach to Improve Performance and Scalability in Knowledge Graph Question Answering Systems
4	280	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis
5	339	Intelligent Autoscaling for E-commerce Applications in Public Cloud Kubernetes Environment
6	368	Revealing Customer Insights in Retail Store Sales to Drive Growth through Exploratory Data Analysis

7	390	A Hybrid Ensemble Model for Classification of Emotions from Social Media Text
8	394	Dynamic Task Assessment for Improved Knowledge Transfer in Multi-Task Learning
9	486	Enhanced Flood Prediction and Management for Urban Underpass using Machine Learning
10	538	Optimizing Industrial Energy Management: Employing Machine Learning and Data Analytics for Sustainable Practices
11	540	Enhancing Road Safety with Real-Time Pothole Detection: A Comparative Study of Watershed Transformation and Seam Carving Algorithms.

Day 2: 05th October 2024, Time: 10:30AM-12:30PM		
Track 6: AI-Driven Communication Technologies Dr.B Rupa Devi, Associate Professor, CSE, Annamacharya Institute of Technology and Sciences, Tirupati Meeting ID: 463 049 523 347, Passcode: Bow4u5 https://teams.microsoft.com/		
Session Chairs	**Dr.P.Radha Krishna Reddy ,** Associate Professor, AI&ML, SoC, Mohan Babu University, Tirupati. **Mr.Sreekanth Yalavarthy,** HCL Technologies, USA	
S.No.	**Paper Id**	**Title of the paper**
1	64	Design And Analysis Of 9t Single-Ended Low-Power High-Speed Sram
2	378	Effective Adaptive Multilevel Modulation Technique Free Space Optical Communication
3	433	Eavesdropping Detection using Clustered BB84 Protocol
4	509	Brain Tumour Classification using Optimised Feature-sets of Convolution Neutral Network
5	172	Object Detection in Computer Vision: A Comparative Analysis of Advanced Computer Vision Models
6	230	Implementing Artificial Intelligence for Enhanced Safety Initiatives
7	231	An AI Based Conversational System for Emotional Health Support using BERT Classifier and PaLM LLM Model
8	275	A Survey On Implementation Of Chatbot Generic Solution Architecture Using Open Source Nlp & Nlu Tools
9	405	A Model For Smart Healthcare Systems-Based Disease Diagnosis Using Ai And The Internet Of Things
10	431	Exploring the impact of Artificial Intelligence in health Diagnosis
11	516	A Deep Learning Approach for Enhanced Detection of Mental Stress and Emotion Analysis
12	528	Optimizing Diabetes Prediction: A Hybrid Approach with Ensemble Methods

Day 1: 04th October 2024, Time: 2:00 –5:00 PM Track 7: Deep Learning and applications Dr.Soumya Vani, Associate professor, SoC, MBU https://meet.google.com/czj-uumq-uxn		
Session Chairs	**Dr. Akana Chandra Mouli Venkata Srinivas**, Principal, BVCEC(Autonomous), Odalarevu. **Dr.V.Naresh Kumar,** CMR Technical Campus, Hyderabad	
S.No.	**Paper Id**	**Title of the paper**
1	**74**	AlexNet-Based Deep Learning Model for Fruit Image Classification
2	**75**	Impact of Hidden Markov Models: On Real World Scenarios
3	**112**	Image Captioning using ViT and BERT Models
4	**345**	Analyzing Different Neural Network Architectures for Image Caption Generation
5	**381**	An Optimized Ensemble Model for Skin Cancer Classification Using Genetic Algorithms And Transfer Learning
6	**523**	Self-Supervised Histopathology Image Segmentation Using Transformer Networks with Attention Mechanism
7	**526**	Enhancing Object Detection with EfficientNet Using Moth Flame Optimization
8	**531**	Enhancing Visual Image Captioning with SWIN Vision Transformers
9	**532**	Transforming News Consumption: Summarizing Articles into MP3 Audio For On-The-Go Learning
10	**533**	Recognition of Audio and summarizing the emotions
11	**542**	Enhanced Detection of Diabetic Retinopathy Through Transfer Learning with Densenet–121 And XGBoost Classifier
12	**545**	Multi-Class Cancer Subtype Classification from CT Images using an EfficientNet-Autoencoder Based Hybrid Model
13	**556**	A Hierarchical Approach to Drug Interaction Prediction Using Natural Language Processing and Support Vector Machines
14	**557**	Detecting Fraudulent Reviews: A Multi-Algorithm Approach Using NLP and Machine Learning