

Paper Presentation Link for Day 1 and Day 2

Day 1:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_NjZIMGUzMmMtYTc0ZS00OWM2LTg4NTAtZTljYmFLY2NhNDI1%40thread.v2/0?context=%7b%22Tid%22%3a%220a39ee13-5c27-420c-b0af-8e65c6929055%22%2c%22Oid%22%3a%2248184cd0-b911-41ee-acc9-04d7ad0a0677%22%7d

Day 2:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDJkYzI5MjctOTRlMy00YmEzLTlmZGUtMmUzMmE0NmYxODFj%40thread.v2/0?context=%7b%22Tid%22%3a%220a39ee13-5c27-420c-b0af-8e65c6929055%22%2c%22Oid%22%3a%2248184cd0-b911-41ee-acc9-04d7ad0a0677%22%7d

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Day One: Thursday, 10 April 2025, Parallel Sessions 1 (a – I), Time: 2 – 3 pm

Parallel Session 1a

Room No: **D3.06**

Time: 2:00 PM – 3.00 PM

Date: 10 April 2024, Thursday

Session Chair: Tee Wee Jing

No	Paper ID	First Author	Time	Paper Title
1	603	Basheer Riskhan	2:00 PM - 2:10 PM	A Deep Learning Approach for Predicting Ejection Fraction from Pediatric Echocardiogram
2	608	Mozaherul Hoque Abul Hasanat	2:10 PM - 2:20 PM	Real-Time Violence Detection System Using MobileNet and LSTM
3	606	Dr Basheer Riskhan	2:20 PM - 2:30 PM	Voice and Hand Gesture-Based Controlled Computer System
4	605	Nadiah Arsat	2:30 PM - 2:40 PM	Smart Contracts Vulnerabilities and Countermeasures in Blockchain Security
5	55	Chong Chai Ching	2:40 PM – 2:50 PM	A Predictive Model of Customer Repeat Purchase Intention in E-commerce
6	57	Lim Chia Sien	2:50 PM – 3:00 PM	A GRADIENT BOOSTED DECISION TREE MODEL FOR INTELLIGENT MALWARE PREDICTION

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1b

Room No: **D3.07**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 3.00 PM

Session Chair: Akibu Mahmoud Abdullahi

No	Paper ID	First Author	Time	Paper Title
1	52	C.I. Tan	2:00 PM - 2:10 PM	Investigating the effectiveness of a social-competitive core and secondary loop function to design gamified learning systems
2	60	Beh Chi Hao	2:10 PM - 2:20 PM	Plantech – Android-based Mobile Application for Plant Disease Detection (PDD) using EfficientNet-B3
3	56	C.I. Tan	2:20 PM - 2:30 PM	The Roles of Emotional Empathy and its Connections in Crafting Meaningful Gameplay Experiences
4	59	Yuvraj Talukdar	2:30 PM - 2:40 PM	ML Classifier using Multiple Neural Networks Trained by Linear Programming
5	50	Hor Shen Haul	2:40 PM – 2:50 PM	Emotion Recognition System using Visual Informatics
6	54	Lim Sheng Jian	2:50 PM – 3:00 PM	Stock Price Forecasting using Machine Learning: A Comparative Study of Stacked LSTM, ARIMA, and Linear Regression

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1c

Room No: **D3.08**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 3.00 PM

Session Chair: Assoc. Prof. Dr. Mohsen Marjani

No	Paper ID	First Author	Time	Paper Title
1	493	Talal Saleem	2:00 PM - 2:10 PM	Mobile Deep Learning: Delving into the Future of Portable AI
2	63	Talal Saleem	2:10 PM - 2:20 PM	Detecting Depths: A Survey of Advancements in Mobile Object Distance Estimation
3	64	Zainab suliman aalawi	2:20 PM - 2:30 PM	A study of usability and user experience in Using Artificial Intelligence Applications in Education in the first stage
4	65	C.M. Koh	2:30 PM - 2:40 PM	Thrift: Empowering Financial Wellness through Effective Money Management and Community Engagement
5	449	Diana Heng Siew Ting	2:40 PM – 2:50 PM	Exploring Progressive Web Applications' User Experience in Food Beverage Industry
6	90	Syed Mahamad Elias	2:50 PM – 3:00 PM	Classification of Mental Disorders in Patients with Essential Symptoms in Psychology Using a Support Vector Machine in Comparison to a Decision Tree

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1d

Room No: **D9A**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 3.00 PM

Session Chair: Dr. Shaik Shabana Anjum

No	Paper ID	First Author	Time	Paper Title
1	92	Aaron Thomas Raj	2:00 PM - 2:10 PM	Improving accuracy in Probing the Paths of Near-Earth Objects: Orbit Computation and Predictive Analysis for Planetary Protection using Maximum-margin classifier algorithm compared to K-Nearest Neighbors algorithm
2	93	S Jothi Shri	2:10 PM - 2:20 PM	Improving Accuracy in Alpaca Species Identification through Image Analysis using Convolutional Network compared to Inception Algorithm
3	239	Y Vaasanth Reddy	2:20 PM - 2:30 PM	Improving accuracy in Urban traffic flow prediction using Gradient Boosting compared to RandomForest algorithm
4	240	S Vikram Reddy	2:30 PM - 2:40 PM	Improving accuracy in Text Extraction From images using Region-based Convolutional Neural Networks algorithm compared to Long Short-Term Memory Algorithm.
5	242	Kana Sushanth Reddy	2:40 PM – 2:50 PM	Determination of Data Utilisation in Ortho-Flex-Knee for A Comparative Study between Android Application and iOS Application
6	241	D Rizwan Basha	2:50 PM – 3:00 PM	Enhancing Rating Accuracy through quantitative survey in Customize Online Cake Shop using WebApplication and compared with Android Application

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1e

Room No: **D9B**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 3.00 PM

Session Chair: Dr. Ahmed Khan

No	Paper ID	First Author	Time	Paper Title
1	84	Snita Gerard Thomas	2:00 PM - 2:10 PM	Comparative Study of Machine Learning Models for Strategic Crime Mapping
2	233	Chong Mien May	2:10 PM - 2:20 PM	3D Hologram Futuristic Classroom Application for Autism Spectrum
3	243	Parakala Satya Sai	2:20 PM - 2:30 PM	Sorting Reviews and Rating the Products in Flipkart Website by Comparing Multinomial Naive Bayes over Gradient Boosting Classifier based on the Accuracy
4	245	Banda Veeresh	2:30 PM - 2:40 PM	Improving Accuracy in Analyzing Sales Forecasting for food products using SVM comparing with K-Nearest Neighbors
5	246	A Sri Sai Rohith	2:40 PM – 2:50 PM	Predicting medical malpractice in insurance using xgboost compared with K Nearest Neighbour algorithm
6	248	M Kalairaj	2:50 PM – 3:00 PM	Comparison of Encryption Time of Zipped Files using RNN Model with AES Algorithm for Enhanced Data Security

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1f

Room No: **E9A**

Date: 10 April 2024, Thursday

Time: 02:00 PM – 03.00 PM

Session Chair: Dr. Anbuselvan Sangodiah

No	Paper ID	First Author	Time	Paper Title
1	249	Chithirala ViteshKumar	2:00 PM - 2:10 PM	Efficient Personalized Wellness Centric Location Recommendations using Decision Tree Compared over Naive Bayes
2	250	M.Vamsi Krishna	2:10 PM - 2:20 PM	An Advanced and Analysis of Rangoli Pattern By Rangoli Robot in 1*1 meter and Generating of Geometrical Code Using Adam and Compare the Accuracy With OPTICS
3	251	Bandila sujith	2:20 PM - 2:30 PM	A Quantitative Approach Problem: Assessing the User Satisfaction of a Web and Android Lawyer Management System App
4	261	J Kathiresan	2:30 PM - 2:40 PM	Comparative analysis of development times for anemia and hypertension during pregnancy using the React Native framework for the iOS and Android platforms.
5	264	A Vamsieswar	2:40 PM – 2:50 PM	Improving employment hiring efficiency across mobile and web platforms by optimizing loading speed through detailed response time analysis
6	262	T Jeevan Kumar	2:50 PM – 3:00 PM	Optimizing Return Loss: A Novel Approach with Meta Surfaces Featuring Hole Structures Compare with H Shape Antenna

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1g

Room No: **E9B**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 03.00 PM

Session Chair: Dr. Steve Teoh Chee Hooi

No	Paper ID	First Author	Time	Paper Title
1	263	Swetha S	2:00 PM - 2:10 PM	Evaluating Data Utilization in Pet Care Apps for A Comparative Analysis between Web and Android Applications
2	253	Mohammed Thansih M K	2:10 PM - 2:20 PM	Contrasting the Saveetha Cataract App for iOS with the Android application for data consumption processing in order to track cataract patients after surgery
3	268	GVNM Chinmaie	2:20 PM - 2:30 PM	Improving the accuracy of Oral abnormality detection with MobileNet compared to DenseNet 201
4	265	S. Vivek Ganesh Varma	2:30 PM - 2:40 PM	Comparative Analysis of ECG Heartbeat Using Logistic Regression versus Gradient Boosting
5	266	P venkata Sandeep Kumar	2:40 PM – 2:50 PM	Analyzing and comparing development timelines for Agri Shop on Android app versus web applications.
6	272	Kadur Sunil	2:50 PM – 3:00 PM	Image segmentation of Cervical Cancer Images using HRNet in Contrast with PSPNet Algorithm to Enhance Accuracy

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 1H

Room No: **D4.16: (X-Space)**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 03.00 PM

Session Chair: Dr. Tehmina Karamat Ullah Khan

No	Paper ID	First Author	Time	Paper Title
1	267	M Siva Sai Joshi	2:00 PM - 2:10 PM	Effect on led treatment of Novel vermicompost and NPK Fertilizer for Radish Plant Height by using random forest algorithm
2	260	Manoj Kumar	2:10 PM - 2:20 PM	Efficiency Unveiled: A Comparative Analysis of Development Time in Web and Android Platforms for IT Inventory Management Applications
3	273	Ishavardhani Ishavardhani	2:20 PM - 2:30 PM	Application development for fetal growth chart for fetal growth monitoring and diagnosis of fetal growth restriction
4	276	Pradeep Kumar U	2:30 PM - 2:40 PM	Comparative Analysis of VGG16 and DenseNet Architectures for Enhanced Vehicle Classification in Deep Learning Frameworks
5	279	Praveen D	2:40 PM – 2:50 PM	A Comprehensive Examination of Response Time in Music Tutor Discovery Applications: A Cross-Platform Investigation on Web and Android Environments
6	278	Ramya A	2:50 PM – 3:00 PM	Enhancing User-Centric Excellence Evaluating Satisfaction via Quantitative Rating in Fusion Parlor User Experience

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 11

Room No: **D4.16: (X-Space)**

Date: 10 April 2024, Thursday

Time: 2:00 PM – 03.00 PM

Session Chair: Assoc. Prof. Dr. Goh Wei Wei

No	Paper ID	First Author	Time	Paper Title
1	289	T Neshanth	2:00 PM - 2:10 PM	User Satisfaction Showdown: A Comparative Comparison of Android and Web Platform Data Structure Learning App Ratings
2	294	S.Varsha Reddy	2:10 PM - 2:20 PM	Specificity based Comparison of Enhanced Convolutional Neural Network over Logistic Regression in Predicting Maturity-Onset Diabetes of the Young
3	311	K Raghavendra Naidu	2:20 PM - 2:30 PM	Enhancing 5G Signal and Network performance using Spatial Division Multiplexing Beamforming Compared to Conventional Single-Input Single-Output (SISO) techniques for Improved Signal Quality
4	292	P Hema Prakash	2:30 PM - 2:40 PM	Accuracy analysis in detecting animal intrusion in agriculture field's Using novel xception compared over VGG16
5	282	Yerragudi Pavan Kumar	2:40 PM – 2:50 PM	Analysis of Low Earth Interloping Antenna with High Gain for Radar Application Compared with TShape
6	312	A Nikhil Krishna	2:50 PM – 3:00 PM	Comparing YOLO and CNN: Analyzing Real-Time Detection for Parking Violations

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Day One: Thursday, 10 April 2025, Parallel Sessions 2 (a-h), Time: 3 – 4 pm

Parallel Session 2a

Room No: **D3.06**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Tee Wee Jing

No	Paper ID	First Author	Time	Paper Title
1	313	Mitta Chenna Keshava	3:00 PM - 3:10 PM	A Comparative Perspective on Android and Web Platform for Analyzing Customized Bouquet with Faster Development Time
2	314	Dinesh D	3:10 PM - 3:20 PM	User Satisfaction Assessment: Platform Performance Analysis - A Comparative Study of the Anesthesia Drug Specifier App on iOS and Android Platforms
3	326	R Samyuktha	3:20 PM - 3:30 PM	Comparing efficient data handling in Petcare between Web Application and IOS Application
4	328	Sivarathiri Dhanesh	3:30 PM - 3:40 PM	A Comparative Study of User Interface Design for Post-Discharge Patient Monitoring Applications on Android and iOS Platforms
5	327	Anthati Mukesh.A	3:40 PM – 3:50 PM	Enhancing Rating Accuracy through quantitative survey in Library Access using Web Application and compared with Android Application
6	330	T.Praveen Kumar	3:50 PM – 4:00 PM	Determination of Data Utilization in Local Artisan Marketplace for A Comparative Study between Web Application and Android Application

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2b

Room No: **D3.07**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Dr. Akibu Mahmoud Abdullahi

No	Paper ID	First Author	Time	Paper Title
1	329	Harsha Vardhan Reddy	3:00 PM - 3:10 PM	Enhancing Rating Accuracy through a survey in GST Application using Web Application and compared with Android Application
2	322	Y. Chatrapathi	3:10 PM - 3:20 PM	Effective analysis of keystroke dynamics using Logistic Regression over Random Forest to improve accuracy
3	324	Achyutananda Sahoo	3:20 PM - 3:30 PM	Detection of Customer Churn in the Banking Sector using Target Driven Encoding – RF Algorithm in Comparison with Target Driven Encoding – DT Algorithm for Improved Accuracy
4	319	Tharoon R	3:30 PM - 3:40 PM	Exploring Development Efficiency: A Comparative Study of App Development Time between Android and Web Platforms for Java Learning Applications
5	318	Rangu Vamshi	3:40 PM – 3:50 PM	Comparison of Novel Convolutional Neural Network and Recursive Neural Network for better identification of people movements
6	320	Syed Nawaz	3:50 PM – 4:00 PM	Predicting Future City Gridlock: Evaluating Traffic Density and Urban Motion with Naive Bayes and Random Forest Methods

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2c

Room No: **D3.08**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Assoc. Prof. Dr. Mohsen Marjani

No	Paper ID	First Author	Time	Paper Title
1	315	Perumalla Bharath	3:00 PM - 3:10 PM	Detecting Parkinson's Disease using Novel K-Nearest Neighbor Algorithm Comparing Accuracy with Decision Tree Algorithm.
2	316	Bogi Reddy Anil	3:10 PM - 3:20 PM	Efficiency Improvement of Online Shopping With Natural Language Processing Using Novel Linear Discriminant Analysis Compared With Random Forest Algorithm Based On Time
3	317	K Vamsi	3:20 PM - 3:30 PM	Enhancing the Accuracy of Dog Skin Disease Prediction using Convolutional Neural Network over Support Vector Machine Technique
4	321	P Sadvika	3:30 PM - 3:40 PM	Early diagnosis of Pneumonia using Novel K-Nearest Neighbor with Convolutional Neural Network to Improve Accuracy
5	323	Pavani Ankireddypalli	3:40 PM – 3:50 PM	Optimising User Satisfaction through Quantitative Analysis of Club Connect Experience across Android App and Web Platforms
6	325	TT Indu Priya	3:50 PM – 4:00 PM	Recognition of Indian sign language for dumb and deaf people using Convolutional Neural Networks over Neuro Fuzzy with improved accuracy

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2d

Room No: **D9A**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Dr. Shaik Shabana Anjum

No	Paper ID	First Author	Time	Paper Title
1	404	Ramireddy Priyavarsh	3:00 PM - 3:10 PM	Thyroid disease detection using the KNN algorithm is compared with the decision tree for improved accuracy
2	413	Lekhah K	3:10 PM - 3:20 PM	Improving Accuracy in Bone Tumor Prediction using ImageNet algorithm compared to Recurrent Neural Network
3	415	R Bhargava Sitaran	3:20 PM - 3:30 PM	Analysis crop disease forecasting through temperature using Long Short-Term Memory and compare with Decision trees
4	405	Alli Revanth	3:30 PM - 3:40 PM	Comparative Analysis of Principal Component Analysis over Uniform Manifold Approximation and Projection Algorithm in Predicting the Indian National Satellite System (INSAT) - Enhanced Celestial Clouds
5	406	S Nanda kishore reddy	3:40 PM – 3:50 PM	CNN classifier based on brain ischemic stroke segmentation using VGG19 and SCNN
6	407	M Kaviyarasi	3:50 PM – 4:00 PM	Optimizing Weapon Detection Precision: A Comparative Analysis of RetinaNet and EfficientDet Algorithms in Surveillance Cameras

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2e

Room No: **D9B**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Dr. Ahmed Khan

No	Paper ID	First Author	Time	Paper Title
1	409	P SaikumarReddy	3:00 PM - 3:10 PM	Source Camera Identification From An Image Compared With Hellinger Distance Over Content Adaptive Guided Filter with Improved Accuracy
2	410	J Yogendra	3:10 PM - 3:20 PM	Comparative Analysis of Time Optimization Performance between Raspberry Pi 4 and ESP32 for Embedded Computing Applications
3	414	Ranjitha R	3:20 PM - 3:30 PM	Size comparison of encrypted and decrypted data using advanced encryption standard algorithm compared with RSA algorithm
4	420	Refeena Refath Z	3:30 PM - 3:40 PM	Intrusion Detection in Computer Network Security Using Random Forest Algorithm Compared to Logistic Regression
5	429	J Himavarsha	3:40 PM – 3:50 PM	Innovating Fingerprint Detection in immigration checkpoints using Triplet Loss Networks in comparison with Hopfield Neural Networks for Swift Border Processing
6	411	k Lakshman	3:50 PM – 4:00 PM	Effective Analyze of Milk Quality using Gradient Boosting Algorithm with Regression tree over Naive Bias Algorithm with improved accuracy

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2f

Room No: **E9A**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Dr. Anbuselvan Sangodiah

No	Paper ID	First Author	Time	Paper Title
1	430	Vemuri Rajesh	3:00 PM - 3:10 PM	Predicting Brainstorm using Decision Tree algorithm over K-Nearest Neighbour (KNN)
2	433	Aarthi B	3:10 PM - 3:20 PM	Efficient Spectrum Sensing in Cognitive Radio Networks using Hidden Markov Models compared with Support Vector Machines algorithm
3	412	Balaji I	3:20 PM - 3:30 PM	Crop Disease Diagnosis Using K-Nearest Neighbor over Recurrent Neural Network
4	419	Palagiri Chenna Kesava	3:30 PM - 3:40 PM	Performance Evaluation of Water Borne Diseases using Hierarchical Clustering Algorithms over K-means
5	423	Shameer Basha S	3:40 PM – 3:50 PM	An efficient Blood Sugar prediction and classification for Diabetes Management using a novel LightGBM algorithm compared with CatBoost algorithm
6	434	K. UdayKumar	3:50 PM – 4:00 PM	Diagnosis of Brain lesions prediction using SVM algorithm and KNN algorithm using medical image processing to improve accuracy

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2g

Room No: **E9B**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Dr. Abdul Salam Shah Sayed

No	Paper ID	First Author	Time	Paper Title
1	428	S Ritivan	3:00 PM - 3:10 PM	An Effective Approach to Recognize Weapons For Public Safety Using Novel Histogram of Oriented Gradient Algorithm in Comparison with Recurrent Neural Network to Improve Accuracy
2	422	E Kavinesh	3:10 PM - 3:20 PM	Boosting the User Experience in E-Commerce Using Novel Random Forest and Compared with Support Vector Machine
3	425	M Keerthi	3:20 PM - 3:30 PM	Skin Cancer Detection Using Convolutional Neural Network With Comparison of Recurrent Neural Network algorithm to improve accuracy
4	421	G. Chaithanya	3:30 PM - 3:40 PM	Accuracy Analysis of Support Vector Machine over Decision Tree in Predicting Disorder of Spleen Stone with Improved Accuracy.
5	437	K S Kumara Ganapathy	3:40 PM – 3:50 PM	Analyzing Improved Security Practices in the Crypto currency Domain with K-means Clustering and Gradient Boosting Algorithm
6	435	N. Sai Pranadeep Reddy	3:50 PM – 4:00 PM	Performance analysis of KNN compared over Scikit-surprise in Location recommend system with improved accuracy.

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 2H

Room No: **D4.16: (X-Space)**

Date: 10 April 2024, Thursday

Time: 3:00 PM – 4.00 PM

Session Chair: Dr. Humaira Ashraf

No	Paper ID	First Author	Time	Paper Title
1	580	FUZIXIANG	3:00 PM - 3:10 PM	A Machine Learning-Based Price Prediction Application for Second-Hand Laptop Market Using Historical Sales Data
2	439	P. Venkata Sai	3:10 PM - 3:20 PM	Mango Plantation Monitoring Using Drone Imagery Through machine learning
3	441	Sai Charan reddy	3:20 PM - 3:30 PM	Early stage Detection of Alzheimer's Disease in Brain MRI using Gradient Boosting algorithm compared with K-Means Clustering
4	559	Guo Tiane	3:30 PM - 3:40 PM	Research on indoor positioning in underground parking based on multimodal sensors and deep learning: model optimization and performance analysis
5	446	D. Rajashree	3:40 PM – 3:50 PM	Spam Content Detection with Convolutional Neural Networks in comparison with Logistic Regression for improved accuracy
6	424	Tathireddy Teja	3:50 PM – 4:00 PM	Increase efficiency in shipment tracking system that utilizes mobile connectivity of Global positioning system(GPS) Over optical character recognition (OCR)

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Day One: Thursday, 10 April 2025, Parallel Sessions 3 (a – g), Time: 4 – 5 pm

Parallel Session 3a

Room No: **D3.06**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Mr. Tee Wee Jing

No	Paper ID	First Author	Time	Paper Title
1	426	P .Manasa	4:00 PM - 4:10 PM	Improving The Accuracy For Unveiling Stress Indicators In and Through Sleep Using Logistic Regression Compared With Decision Tree
2	431	Sanjay U	4:10 PM - 4:20 PM	Enhancing the accuracy in predicting the Impact of Plastic Pollution in Marine Life using Gradient Boosting Algorithm in Comparison with Random Forest Algorithm
3	443	M.Sahindra Reddy	4:20 PM - 4:30 PM	An Analysis on Brain Stroke prediction using Bernoulli NB classifier and Compared with logistic regression with improved accuracy
4	432	Jhanesh Vanka	4:30 PM - 4:40 PM	Detection of Deepfake Audio using Long Short-Term Memory Networks Comparing with Gaussian Mixture Models for Improved Accuracy
5	418	Jhanesh Vanka	4:40 PM – 4:50 PM	Detection of Deepfake Audio using Long Short-Term Memory Networks Comparing with Spatiotemporal Convolutional Networks for Improved
6	444	T Abhinaya	4:50 PM – 5:00 PM	Comparative analysis of Deep belief network over decision tree with improved accuracy in predicting patient life expectancy after thoracic surgery

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 3b

Room No: **D3.07**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Dr. Akibu Mahmoud Abdullahi

No	Paper ID	First Author	Time	Paper Title
1	417	P. Sridevi	4:00 PM - 4:10 PM	Improving Animal Hide Flaw Detection Accuracy using Novel Convolutional Neural Network in comparison with InceptionNet
2	427	Anilkumar K	4:10 PM - 4:20 PM	To Improve Salary Prediction System Accuracy using Novel Random Forest in Comparison with K-Nearest Neighbor Algorithm
3	442	D Nagaraju	4:20 PM - 4:30 PM	Road Damage Detection Using Innovative Mobile Net SSD Algorithm COmpared to Random Forest Algorithm to Improve Accuracy
4	440	Keerthana PS	4:30 PM - 4:40 PM	Mobile Malware Detection using a Novel Convolutional Neural Network (CNN) Compared with Gated Recurrent Units (GRU) Algorithm for Improved Accuracy.
5	601	P. Jaivignesh	4:40 PM – 4:50 PM	Improving accuracy in Comprehensive Analysis of Educational Institutions using XGBoost compared to Isolation Forest algorithm
6	600	Maruboyina Balaj	4:50 PM – 5:00 PM	Analysis and detection of skin cancer on patients using inception V3 algorithm in comparison with CNN

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 3c

Room No: **D3.08**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Assoc. Prof. Dr. Mohsen Marjani

No	Paper ID	First Author	Time	Paper Title
1	599	Tharun Muduthanapally	4:00 PM - 4:10 PM	Comparative Analysis Between DenseNet and Alex Net in Predicting Working Employee Performance with Improved Accuracy
2	598	B. Aravind Rajagopal	4:10 PM - 4:20 PM	Improving Accuracy in predicting price of used electronics devices using Random forest algorithm in comparison with Decision Tree algorithm
3	597	Aaron Thomas Raj	4:20 PM - 4:30 PM	Improving accuracy in Probing the Paths of Near-Earth Objects: Orbit Computation and Predictive Analysis for Planetary Protection using Maximum-margin classifier algorithm compared to K-Nearest Neighbors algorithm
4	596	Lahari. D	4:30 PM - 4:40 PM	Enhancing Indian Rupee Banknote for Forgery Detection Using CNN Compared With K-means Algorithm
5	244	U. Lokeswara Reddy	4:40 PM – 4:50 PM	Comparison Analysis of Development Time in Chronic Kidney Disease between Android Application and iOS Application
6	117	Jay Gor	4:50 PM – 5:00 PM	Explainable ML-based Secure Communication Framework for Robotic Telesurgery in Healthcare

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 3d

Room No: **D9A**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Dr. Ahmed Khan

No	Paper ID	First Author	Time	Paper Title
1	118	Het Kalaria	4:00 PM - 4:10 PM	Blockchain and AI-based Reliable HTTP Network Traffic Classification to Secure Smart Homes
2	119	Pranshu Desai	4:10 PM - 4:20 PM	Federated Learning-based Intrusion Detection Framework for Cyber Physical System-based IIoT
3	120	Mahek Jain	4:20 PM - 4:30 PM	DL-based Traffic Classification for Energy Resource Monitoring in Microgrid Nano-Networks
4	121	Harshil Jetani	4:30 PM - 4:40 PM	DL-assisted DDoS Attack Migration Framework for Drone Communication in Battlefield Environment
5	617	Sidra Tahir	4:40 PM – 4:50 PM	XAI-Driven Convolutional Neural Networks for Caries Detection in Dental Imag
6	619	Sidra Tahir	4:50 PM – 5:00 PM	AI-Powered Weed Detection: A Deep Learning Model for Improving Wheat Crop Yield

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 3e

Room No: **D9B**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Dr. Anbuselvan Sangodiah

No	Paper ID	First Author	Time	Paper Title
1	510	Manoj Kumar	4:00 PM - 4:10 PM	AI Based Understandability Assessment: A Key Contributor to Functionality
2	511	Manoj Kumar	4:10 PM - 4:20 PM	AI Based Testability Evaluation: An Important Element for Integrity
3	512	Dr. Abdullah	4:20 PM - 4:30 PM	Empirical Validation of Maintainability Evaluation Model: AI Driven Approach
4	513	Dr. Abdullah	4:30 PM - 4:40 PM	Object Oriented Software Quality Assessment: A Machine Learning Perspective
5	514	Dr. Abdullah	4:40 PM – 4:50 PM	AI-Based Sustainable Investments Monitoring for Sustainable Development in the Digital Age
6	516	Kaushal Kishore Mishra	4:50 PM – 5:00 PM	Navigating Ethical Boundaries in Metaverse Marketing: A Framework for Responsible Customer Insights Generation

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 3f

Room No: **E9A**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Dr. Abdul Salam Shah Sayed

No	Paper ID	First Author	Time	Paper Title
1	517	Dr. Abdullah	4:00 PM - 4:10 PM	Inclusion of Artificial Intelligence Towards Achieving Sustainable Development Goals
2	518	Dr. Abdullah	4:10 PM - 4:20 PM	Artificial Intelligence in Banking and Finance: A Double-Edged Sword for Risk Management and Financial Stability
3	521	Kavita Gupta	4:20 PM - 4:30 PM	Efficient Data Collection and Aggregation in Sensor Network using Machine Learning
4	520	Atul Kumar	4:30 PM - 4:40 PM	Improving Image Analysis with the Use of Image Mining Approaches
5	519	Dr. Abdullah	4:40 PM – 4:50 PM	Role of Social Media in The Electoral Dynamics in Haryana
6	522	Poonam Singh	4:50 PM – 5:00 PM	Performance Analysis of MQSort Algorithm: Mixture of Merge and Quick Sort

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 3g

Room No: **E9B**

Date: 10 April 2024, Thursday

Time: 4:00 PM – 5.00 PM

Session Chair: Dr. Humaira Ashraf

No	Paper ID	First Author	Time	Paper Title
1	523	Charu Sharma	4:00 PM - 4:10 PM	A Novel Soft Computing Framework for Efficient Detection and Classification of Breast Cancer
2	524	Hasrina Ibrahim	4:10 PM - 4:20 PM	IoT-Based Intelligent Cradle System for Automated Neonatal Care: Development, Implementation, and Clinical Insights
3	543	XIAO LONGWEI	4:20 PM - 4:30 PM	Deep Fake Detection: Enhancing Content Verification Using CNN-LSTM for Mitigating AI-Generated Video Threat
4	565	HU ROU	4:30 PM - 4:40 PM	Printed Circuit Board (PCB) Defect Detection Using Deep Learning
5	539	Chua Jingxuan	4:40 PM – 4:50 PM	Automated e-Waste classification: Real-time object detection using YOLO model
6	533	GAN ZIYI	4:50 PM – 5:00 PM	Fine-grained Image Classification of Birds

Strategic Partners and Academic Collaborators



Day Two: Friday, 11 April 2025, Parallel Sessions 4 (a–e), Time: 9 – 10 am

Parallel Session 4a

Room No: **D3.06**

Date: 11 April 2025, Friday

Time: 09:00 AM – 10.00 AM

Session Chair: Dr. Poornima Mahadevappa

No	Paper ID	First Author	Time	Paper Title
1	234	Muhammad Ehsan Rana	9:00 AM - 9:10 AM	Dynamic Difficulty Adjustment in Video Games: A Design Pattern Based Framework for Enhanced Gaming Experience
2	235	Shalfin Khan	9:10 AM - 9:20 AM	VI-NETRA: Foreign Currency Recognition for the Visually Impaired in Indonesia Using Image Recognition and Machine Learning
3	58	Syedmostafa Safavi	9:20 AM - 9:30 AM	Blockchain Application in Contact Tracing Mobile Apps amidst COVID-19: An Exploration of Privacy Implications
4	236	Kevin Matthew Adyan	9:30 AM - 9:40 AM	An Aspect-based Sentiment Analysis Approach to Summarize Product Reviews in Malaysia
5	237	Tang Jian Shiun	9:40 AM – 9:50 AM	IRMS – Multifaced Intelligent Resource Maintenance Systems
6	82	Ooi Yun Ying	9:50 AM – 10:00 AM	Fault Diagnosis and Remaining Useful Life Prediction in Manufacturing using Deep Learning Approaches

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 4b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 09:00 AM – 10.00 AM

Session Chair: Ts. Dr. Saliyah Kahar

No	Paper ID	First Author	Time	Paper Title
1	80	Weijie Ang	9:00 AM - 9:10 AM	Multimodal Sarcasm Detection with Audio-visual Utterance
2	488	Tung Jing Hui	9:10 AM - 9:20 AM	A Machine Learning Approach to Obesity Prediction for Adolescents
3	238	Foong Wai Tuck	9:20 AM - 9:30 AM	LT-OCRICS: A Multi-Processing Image Categorization System Based On Optical Character Recognition Technology And Levenshtein Distance Algorithm
4	448	Yuhan Silvian	9:30 AM - 9:40 AM	Loan Approval Prediction using Explainable Artificial Intelligence (XAI) Techniques
5	76	Tang Xi Qi	9:40 AM – 9:50 AM	Comparison of Machine Learning Models for Fraud Detection of Insurance Claims
6	77	Justin Gilbert	9:50 AM – 10:00 AM	A Prediction Model for At-Risk Students in Higher Education Institutions

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 4c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 09:00 AM – 10.00 AM

Session Chair: Miss Norhidayah Hamzah

No	Paper ID	First Author	Time	Paper Title
1	73	Muhammad Ehsan Rana	9:00 AM - 9:10 AM	Bridging the Knowledge Gap: Encouraging AI-Based ERP Implementation in Malaysian SMEs for Enhanced Business Growth
2	71	Hermawan Hermawan	9:10 AM - 9:20 AM	Leveraging Artificial Intelligence in Enterprise Resource Planning (ERP): Enhancing Efficiency, Decision-Making, and Future Prospects
3	68	Sim Yoke Shin	9:20 AM - 9:30 AM	Smart Application for APU Cafeteria Services
4	447	Joco Tan	9:30 AM - 9:40 AM	Enhancing Cyber Defense Strategies: A Triple-Filter Ransomware Interpretable Model (TriFRIM) for Ransomware Detection.
5	51	Thean Yee Sin	9:40 AM – 9:50 AM	A Mental Health Chatbot system for creating Self-awareness
6	48	Lee Jang Jhin	9:50 AM – 10:00 AM	3D Printer Smart Monitoring System with Python OpenCV

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 4d

Room No: **D9A**

Date: 11 April 2025, Friday

Time: 09:00 AM – 10.00 AM

Session Chair: Dr. Nur Fatin Liyana Mohd Rosely

No	Paper ID	First Author	Time	Paper Title
1	42	Raja Rajeswari Ponnusamy	9:00 AM - 9:10 AM	Movie Recommendation System using Papers and Overview through Convolutional Neural Network and BERT Transformer
2	46	D Danteshwari	9:10 AM - 9:20 AM	Enabling quality of service guarantees through an optimal resource allocation model in 5G network slicing
3	49	S. Vinodh Kumar	9:20 AM - 9:30 AM	Enhancing QoS and energy efficiency through hybrid heuristic and metaheuristic techniques in ultra dense small cell deployment
4	498	Wanjugu Muchemi	9:30 AM - 9:40 AM	Investigating Lightweight efficient Net B3 for Image Classification in Breast Cancer Screening
5	609	Benjamin Tan Wei Keon	9:40 AM – 9:50 AM	Enhancing Trust in EEG-based Depression Classification: A LIME-powered XAI Approach to Dissecting Deep Learning Black Box Results
6	610	Ferdinand Natanael Sanjaya	9:50 AM – 10:00 AM	XAI Technology in EEG Signal Based Disease Detection Models

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 4e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 09:00 AM – 10.00 AM

Session Chair: Dr. Husna Sarirah Husin

No	Paper ID	First Author	Time	Paper Title
1	611	Dandan Zhou	9:00 AM - 9:10 AM	CircleGNN: A Circular Graph Neural Network for Myocardial Infarction Complication Prediction
2	628	Yu Qiao	9:10 AM - 9:20 AM	Frequency-Domain Enhanced MRI Fusion with Multi-Head Attention for IDH Status Prediction
3	459	Tom K Josep	9:20 AM - 9:30 AM	Exploring Machine Learning Techniques for Stock Price Prediction Using Sentimental Analysis: A Comprehensive Study
4	461	Jaspreet Kaur	9:30 AM - 9:40 AM	Enhanced Video Steganography Using Discrete Cosine Transform: A Secure Approach to Data Concealment
5	463	sourab sharma	9:40 AM – 9:50 AM	Enhancements in Breast Cancer Detection and Therapy: Utilizing AI and ML Strategie
6	466	sami anand	9:50 AM – 10:00 AM	Designing a Resilient and Scalable Cloud Infrastructure for Enhanced High Availability and Fault Tolerance

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Day Two: Friday, 11 April 2025, Parallel Sessions 5 (a – J), Time: 10 – 11 am

Parallel Session 5a

Room No: **D3.06**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr Fatima-Tuz-Zahra

No	Paper ID	First Author	Time	Paper Title
1	467	Parminder Singh	10:00 - 10:10 AM	Adaptive Security and Privacy Management for Cloud APIs: A Comprehensive Review
2	468	Yuvraj Singh	10:10 - 10:20 AM	DESIGN AND DEVELOPMENT OF NOVEL HYBRID CRYPTOGRAPHY TECHNIQUE FOR ENHANCING DATA SECURITY
3	469	Ravneet Singh	10:20 - 10:30 AM	Understanding and Mitigating Hallucinations in Large Language Models: Insights from a Systematic Literature Review
4	470	Satyajit Sharma	10:30 - 10:40 AM	Comprehensive Literature Review on Machine Learning – Driven Dynamic Pricing Strategies in E-Commerce
5	613	Uddanti Sivakumar	10:40 – 10:50 AM	AI-Driven Approaches for Milk Adulteration Detection: A Comprehensive Review
6	614	Uddanti Sivakumar	10:50 – 11:00 AM	Enhancing Milk Safety: Deep Learning-Based Identification of Harmful and Probiotic Bacteria

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Parallel Session 5b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr. Shaik Shabana Anjum

No	Paper ID	First Author	Time	Paper Title
1	615	Uddanti Sivakumar	10:00 - 10:10 AM	Heart Disease Prediction: A Study on Ensemble and Hybrid Models
2	616	Sachin Kumar Chawla	10:10 - 10:20 AM	AI-Powered Diagnostic Tool for Early Osteoporosis Prediction: Development and Insights
3	604	DEVIPRIYA S	10:20 - 10:30 AM	Cross-Modality Fusion Networks for Bio Activity Regression using Amyotrophic Lateral Sclerosis and Alzheimer's Data
4	607	Kiruthika	10:30 - 10:40 AM	Optimizing the Scopus Keyword Co-Occurrence Network for Detecting Communities Using Keyword Extraction Techniques
5	14	Nidhi Singh	10:40 – 10:50 AM	A Critical Analysis of PCOS Detection using Machine Learning and CNN: Challenges and Future Directions
6	15	Nidhi Singh	10:50 – 11:00 AM	Modified Stacking Ensemble Machine Learning Techniques for Investigating Dominant Features in Polycystic Ovary Syndrome Detection

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Parallel Session 5c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr Hasrina Bakar

No	Paper ID	First Author	Time	Paper Title
1	3	Ramakrishna Ramadugu	10:00 - 10:10 AM	RIDI-Hypothesis: A Foundational Theory for Cybersecurity Risk Assessment in Cyber-Physical Systems
2	12	Kiran Kumar Patibandla	10:10 - 10:20 AM	Enhancing Online Retail Insights: K-Means Clustering and PCA for Customer Segmentation
3	20	Singaravelan M	10:20 - 10:30 AM	Improving electronic patient records in the Healthcare Ecosystem using the decentralized model for trust, interoperability, and efficiency using Blockchain Technology
4	21	Aman Raj	10:30 - 10:40 AM	Adaptive Reinforcement Learning for Smart Irrigation: Optimized Decision-Making Through Q-Learning and IoT Integration
5	22	Hoo Meng Wong	10:40 – 10:50 AM	The Model Incorporated Machine Learning Algorithms for Model Retraining Monitored by Model Monitoring for Data Quality Alignment
6	25	Shivi Bhardwaj	10:50 – 11:00 AM	Skin Lesion Detection: The Superiority of Vision Transformers over Convolution Neural Networks

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Parallel Session 5d

Room No: **D9A**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr. Azyyati Adiah Zazali

No	Paper ID	First Author	Time	Paper Title
1	26	Shivi Bhardwaj	10:00 - 10:10 AM	Semantic Deep Learning for Improved Content-Based Image Retrieval Systems
2	39	YANG RUN	10:10 - 10:20 AM	Prediction of Operational Risk in Rural Credit Banks Based on CNN and LSTM Methods
3	41	xu yan	10:20 - 10:30 AM	Leveraging Spatial-Temporal Features and Advanced Feature Extraction Techniques for Enhanced Classification of Intracranial Hemorrhage
4	52	Surendra Pandey	10:30 - 10:40 AM	A Novel Validation Security Algorithm: Enhancing the Security of Financial Escrow Smart Contract Operations
5	61	Ashish Kumar	10:40 – 10:50 AM	Zero-Shot Classification in Satellite Imaging: A Vision Language Approach
6	81	Chen Jia	10:50 – 11:00 AM	A UIPath-based Approach for Automated Invoice Data Capture:A Comparative Study of Google Cloud Vision, OmniPage, and Tesseract OCR

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 5e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr. Poornima Mahadevappa

No	Paper ID	First Author	Time	Paper Title
1	89	Chilakala Salmon Raj	10:00 - 10:10 AM	Development of Smart Alert System for Weapon detection and identification
2	101	Kazi sharif	10:10 - 10:20 AM	DNA Sequence Classification: An Advanced Machine Learning Framework For Accurate Splice Junction Detection
3	105	Catherine Animon	10:20 - 10:30 AM	Integrating Hyperchaotic Maps and AES Techniques for Enhanced Security in Surveillance Systems
4	107	Widi Nugroho	10:30 - 10:40 AM	Smoker Detection from Cough Sounds: A Deep Learning Approach Using AST
5	109	Madhukar Sharma	10:40 – 10:50 AM	A PREDICTIVE FAKE NEWS DETECTION MODEL USING MACHINE LEARNING
6	110	Indira Devi	10:50 – 11:00 AM	An Automated Diabetic Retinopathy Lesion Segmentation Using Dilated Convolution patch Merging Swin transformer

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Parallel Session 5f

Room No: **E9A**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Ts. Dr. Saliyah Kahar

No	Paper ID	First Author	Time	Paper Title
1	111	Haryati Abdul Rahman	10:00 - 10:10 AM	A Preliminary Study: A Mixed Reality Framework based on Affective, Interaction and Persuasive Design Principles for Generating Memorable User Experiences
2	114	Hasiah Mohamed	10:10 - 10:20 AM	A PRELIMINARY STUDY OF TRAVEL PACKAGE RECOMMENDER SYSTEM USING HYBRID FILTERING
3	116	Hasiah Mohamed	10:20 - 10:30 AM	Dyslexia Handwriting Detection using Convolutional Neural Network (CNN) Algorithm
4	122	Rahul Vadisetty	10:30 - 10:40 AM	Zero-Shot Learning for AI-Based Multi-Agent Systems: Enabling Seamless Adaptation and Decision-Making in Dynamic Multi-Cloud Platforms Without Prior Task-Specific Training Data
5	123	Ahila A	10:40 – 10:50 AM	Quantum-Driven Vector Fusion Networks for Accelerating Early Cancer Detection with Machine Learning
6	126	Yuvraj Pandey	10:50 – 11:00 AM	AI-Based Identification of Medicinal Plants and Leaves Using Image Processing

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Parallel Session 5g

Room No: **E9B**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Miss Norhidayah Hamzah

No	Paper ID	First Author	Time	Paper Title
1	130	Shane Kiso	10:00 - 10:10 AM	Emotion and Stress detection system using deepface and Question based stress analysis
2	132	Swetha B	10:10 - 10:20 AM	DEEP LEARNING-BASED BREAST CANCER DETECTION WITH EFFICIENTNET-B0
3	135	Angotu Nageswara Rao	10:20 - 10:30 AM	MindSync: An AI-Augmented Multi-Modal Emotion Recognition and Adaptive Cognitive Therapy Framework for Real-Time Mental Health Support
4	136	Pavan Kumar Panakanti	10:30 - 10:40 AM	Real-Time AI Based Crop Disease Prediction A Hybrid Deep Learning Approach for Precision Agriculture
5	197	Tamilmuthu K	10:40 – 10:50 AM	Donor Bridge: A Smart Website for Orphanage Management System
6	232	P Surya Teja	10:50 – 11:00 AM	Optimized Random Forest Framework for Cybersecurity Anomaly Detection

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Parallel Session 5h

Room No: **D4.16: (X-Space)**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr. Nur Fatin Liyana Mohd Rosely

No	Paper ID	First Author	Time	Paper Title
1	252	Michael Jon Chee	10:00 - 10:10 AM	An IoT app to integrate public transport systems
2	331	Rahul S	10:10 - 10:20 AM	Design and Development of Smart AI-Powered Desktop Assistant for Productivity Enhancement
3	334	R.Blessie Pathmu	10:20 - 10:30 AM	The Interplay Of Job Stress And Employee Productivity: Approaches For Improving Workplace Efficiency
4	335	Pratyashi Satapathy	10:30 - 10:40 AM	Novel Bio-Inspired Computational Technique For Real-Time Control Of Automotive Suspensions
5	336	Sunil Kumar M	10:40 – 10:50 AM	Optimization Of Aircraft Gas Turbine Blades: A Novel Approach For Improved Performance And Efficiency
6	337	Varsha Agarwal	10:50 – 11:00 AM	Investigating The Effect Of Leadership Styles On Enhancing Employee Engagement And Performance

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Parallel Session 5i

Room No: D4.16: (X-Space)

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Dr. Tehmina Karamat Ullah Khan

No	Paper ID	First Author	Time	Paper Title
1	362	E Rajinikanth	10:00 - 10:10 AM	Optimized Deep Learning Approach For Enhanced Detection Of Deforestation
2	363	Ipsita Dash	10:10 - 10:20 AM	Innovative AI-Assisted System For Recognizing Paediatric Positions
3	364	Kaberi Das	10:20 - 10:30 AM	Research On Seismic Activity Assessment In Building Structures Based On Advanced Mathematical Model
4	365	Vinoth R	10:30 - 10:40 AM	Harnessing Artificial Intelligence Technology For Early Identification Of Sepsis
5	366	Ish Kapila	10:40 – 10:50 AM	Integrating A Novel ML-Driven Model For Smart Grid Stability Assessment
6	367	K.V Karthikeyan	10:50 – 11:00 AM	Application Of Machine Learning Approach In Hotel Energy Consumption Analysis

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Parallel Session 5j

Room No: **D4.16: (X-Space)**

Date: 11 April 2025, Friday

Time: 10:00 AM – 11.00 AM

Session Chair: Assoc. Prof. Dr. Goh Wei Wei

No	Paper ID	First Author	Time	Paper Title
1	387	Preeti Y Shadangi	10:00 - 10:10 AM	Developing an Intelligent Machine Learning Model for Accurate Prediction of Employee Turnover
2	388	Prashanth S P	10:10 - 10:20 AM	Advanced Machine Learning Framework for Automatic Engine Failure Diagnosis in Mechanical Systems
3	389	Varsha Agarwal	10:20 - 10:30 AM	Designing a Sophisticated Predictive Model for Early Detection of Companies' Financial Failure
4	390	Aarsi Kumari	10:30 - 10:40 AM	Integration of Robust Mathematical Model and Computer Vision Technique for Automatic Fish Species Recognition
5	391	Deepak Minhas	10:40 – 10:50 AM	Novel Mathematical Model for Assessing Food-Related Morbidity in Gastrointestinal Diseases
6	392	Prabhat Sharma	10:50 – 11:00 AM	Application Of Advanced Mathematical Model for Forecasting Electrical Load In Smart Grids

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Day Two: Friday, 11 April 2025, Parallel Sessions 6 (a-j), Time: 11 am – 12 pm

Parallel Session 6a

Room No: **D3.06**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr Fatima-Tuz-Zahra

No	Paper ID	First Author	Time	Paper Title
1	16	Yash Yadav	11:00 AM - 11:10 AM	Integrating Machine Learning Models for Accurate Prediction of Diabetes
2	17	Yash Yadav	11:10 AM - 11:20 AM	Advanced Diabetes Prediction System Leveraging Multi-Source Data and Ensemble Learning
3	86	Anupama Babu	11:20 AM - 11:30 AM	Scalable AI Deployment for Healthcare: A Kubernetes-Based Pipeline for Real-Time Medical Predictions
4	181	Dr. Dhanalakshmi	11:30 AM - 11:40 AM	Influencer Impact Intelligence Framework (IIIF): An AI-Driven Sentiment and Authenticity Analysis Model for Brand Protection in Social Media Marketing
5	95	S. Vikram Reddy	11:40 AM – 11:50 AM	Improving accuracy in Text Extraction From images using Region-based Convolutional Neural Networks algorithm compared to Long Short-Term Memory algorithm
6	98	Naga Venkata Sathwik	11:50 AM – 12:00 PM	Advancements in IoT-Based Video Surveillance for Enhanced Security

Strategic Partners and Academic Collaborators



Parallel Session 6b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr Hasrina Bakar

No	Paper ID	First Author	Time	Paper Title
1	393	F V JAYA SUDHA	11:00 AM - 11:10 AM	Improved Mathematical Model-Based System For Classifying Gestures Using Wearable Sensor Data
2	394	S Radhika	11:10 AM - 11:20 AM	Machine Learning – Driven Decision Support System for Real-Time Smart Grid Performance Monitoring
3	395	Dikshit Sharma	11:20 AM - 11:30 AM	Leveraging Natural Language Processing for Effective Detection of Harmful Content in Social Media
4	396	Mridula Gupta	11:30 AM - 11:40 AM	Enhancing Organizational Efficiency with Machine Learning-Based Human Resource Information System
5	397	Subhadra Sahoo	11:40 AM – 11:50 AM	An Intelligent Early Alert Mechanism for Optimizing Milk Supply Chain using Mathematical Model
6	398	Nanthini K	11:50 AM – 12:00 PM	Development of a new Mathematical Optimization Technique for Enhancing MPPT Performance in Photovoltaic Systems

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 6c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr. Azyyati Adiah Zazali

No	Paper ID	First Author	Time	Paper Title
1	399	Mohamed A	11:00 AM - 11:10 AM	Optimizing Medication Management in Healthcare: The Role of Robotics in Pharmacy Operations
2	400	Dr Prerna	11:10 AM - 11:20 AM	Real-Time Facial Micro-Expression Recognition Using an Innovative Machine Learning Technique
3	401	Yagnamurthy Narasimha Raja	11:20 AM - 11:30 AM	Comprehensive Evaluation of Sentiment Analysis Models for Product Reviews in Online Retail Environments
4	402	Varsha Agarwal	11:30 AM - 11:40 AM	Applying Advanced Data Mining Technique to Predict Stock Market Trends from Textual Information
5	403	S.Prince Mary	11:40 AM – 11:50 AM	Optimizing Student Engagement Prediction with Machine Learning and Big Data Analytics
6	525	Kirti Walia	11:50 AM – 12:00 PM	An Innovative technological advancement Strategy for efficiency in Blockchain

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Parallel Session 6d

Room No: **D49A**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr. Poornima Mahadevappa

No	Paper ID	First Author	Time	Paper Title
1	526	HARIHARAN S	11:00 AM - 11:10 AM	PREDICTING MENTAL HEALTH IMPACTS OF CHILD ABUSE THROUGH MACHINE LEARNING ANALYSIS
2	445	T .Krittika	11:10 AM - 11:20 AM	Accurate and Enhancing Facial Disease Diagnosis Accuracy using a novel Convolutional Neural Networks (CNN) compared with Support vector Machine (SVM) algorithm.
3	602	L Rajamanickam	11:20 AM - 11:30 AM	Integrating Emerging Technologies in Higher Education: Impact, Challenges, and Scalable Adoption Strategies
4	612	Saira Muzafar	11:30 AM - 11:40 AM	SDN Based Network Management and Security in 6G Networks
5	618	Urooj Yousuf Khan	11:40 AM – 11:50 AM	A Cognitive Grouping Architecture for Segregated Learning
6	620	Nadeem Sarwar	11:50 AM – 12:00 PM	Towards Sustainable Growth: Identifying and addressing Credit Constraints for SMEs in Zhejiang, China - A preliminary Systematic Literature Review

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Parallel Session 6e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Assoc. Prof. Dr. Shakeel Ahmed

No	Paper ID	First Author	Time	Paper Title
1	535	Zhou Longji	11:00 AM - 11:10 AM	Helmet Detection and License Plate Recognition for Motorcycle Riders using YOLO Algorithm
2	621	Athar Waqas	11:10 AM - 11:20 AM	Adaptive Security Policy Management in Cloud Environments Using Reinforcement Learning
3	622	Lu Tao	11:20 AM - 11:30 AM	Utilizing AI to Enhance Renewable Energy Generation and Advanced Storage Technologies for Smart Energy Solutions
4	623	Shazadi Bibi	11:30 AM - 11:40 AM	The Future of IT Project Management Leveraging MIS, Data Analytics, and Generative AI for Enhanced Productivity and Innovation
5	624	Salma Haque	11:40 AM – 11:50 AM	Advancing Minimally Invasive Robotics through the Development of an AI-Driven Brain Surgery Platform with Usability Evaluation
6	625	Mohammad Ali	11:50 AM – 12:00 PM	Integrating Renewable Energy Sources for Sustainable Dispatch Solutions for Smart Multi-Load Systems

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Parallel Session 6f

Room No: **E9A**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr. Nur Fatin Liyana Mohd Rosely

No	Paper ID	First Author	Time	Paper Title
1	530	Zhao Zheng	11:00 AM - 11:10 AM	AI based Energy Management Application for Smart Homes
2	526	HARIHARAN S	11:10 AM - 11:20 AM	PREDICTING MENTAL HEALTH IMPACTS OF CHILD ABUSE THROUGH MACHINE LEARNING ANALYSIS
3	528	Alkhalil Ibrahim Alharthi	11:20 AM - 11:30 AM	Predicting Diabetes Onset Using Machine Learning: A Text-Based Analysis of Lifestyle and Behavioral Factors
4	531	Zhang Yuze	11:30 AM - 11:40 AM	Electronic component waste identification and classification system based on deep learning
5	532	WAN CHEE TIN	11:40 AM – 11:50 AM	Optimising Fruit Freshness Detection using Lightweight Model Pruning Technique
6	534	WAN CHEE TIN	11:50 AM – 12:00 PM	Fall Behavior Detection in Elderly People using Improved YOLOv5 Model

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Parallel Session 6g

Room No: **E9B**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr. Siti Zainab Ibrahim

No	Paper ID	First Author	Time	Paper Title
1	568	HU HAO	11:00 AM - 11:10 AM	Stock prediction using Deep learning
2	541	Xu Hua	11:10 AM - 11:20 AM	Guangshou housing forecast based on random forest and Xgboost
3	540	LINWULIN	11:20 AM - 11:30 AM	Weed Recognition System In Potato Fields Based On DeepLearning ResNet-50 Model
4	537	LIU XIAO TONG	11:30 AM - 11:40 AM	Adaptive Traffic signal control strategy based on traffic flow sensing
5	536	FUYUHANG	11:40 AM – 11:50 AM	Sentiment Mining on Movie Reviews using Natural Language Processing to Analyze Audience Reactions
6	529	Wang Chenxu	11:50 AM – 12:00 PM	DEVELOPING A USER-FRIENDLY MACHINE LEARNING MODEL FOR HEART DISEASEPREDICTION

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 6h

Room No: D4.16: (X-Space)

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr. Abdul Salam Shah Sayed

No	Paper ID	First Author	Time	Paper Title
1	589	Chen Jia	11:00 AM - 11:10 AM	Knife Detection with MD Net: An Improved for Small and Indiscernible Object Detection
2	587	CHEN TAO	11:10 AM - 11:20 AM	Early Hypertension Prediction Using Machine Learning Algorithms
3	588	Fu Tiezhi	11:20 AM - 11:30 AM	Web page text recognition and extraction based on OCR
4	585	YANG KE	11:30 AM - 11:40 AM	AI-Generated Audio Recognition System Based on Deep Learning
5	582	DAI LIJIN	11:40 AM – 11:50 AM	Using Machine Learning Models to Predict User Churn at Internet Companies
6	581	YANG WEIMO	11:50 AM – 12:00 PM	ESTIMATION OF STATE OF CHARGE FOR ELECTRIC VEHICLE LITHIUM BATTERIES BASED ON NEURAL NETWORKS

Strategic Partners and Academic Collaborators



Parallel Session 6i

Room No: D4.16: (X-Space)

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Dr. Tehmina Karamat Ullah Khan

No	Paper ID	First Author	Time	Paper Title
1	554	Shao Mingdi	11:00 AM - 11:10 AM	Automatic Detection and Classification of Printed Circuit Board Ink Printing Defects Based on Deep Learning Technique
2	556	HUANG GUANG NANT	11:10 AM - 11:20 AM	Personalized insurance product recommendation system based on reinforcement learning
3	558	Wang Xiaoqiao	11:20 AM - 11:30 AM	AI-Driven Innovative Integrated System for Footwear and Apparel Products Design
4	560	Fu Lixin	11:30 AM - 11:40 AM	Machine learning based prediction of burglary crime probability
5	567	LI KUAN	11:40 AM – 11:50 AM	Predicting Personalized Navigation and Game Behavior Using AI Models
6	571	Li WuChuan	11:50 AM – 12:00 PM	Lane detection in autonomous cars using deep learning algorithms

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 6J

Room No: **D4.16: (X-Space)**

Date: 11 April 2025, Friday

Time: 11:00 AM – 12:00 PM

Session Chair: Assoc. Prof. Dr. Goh Wei Wei

No	Paper ID	First Author	Time	Paper Title
1	547	ZHANG YUE	11:00 AM - 11:10 AM	Real-Time Steel Surface Defect Detection Using YOLOv8 and OpenCV: Enhancing Accuracy and Efficiency in Industrial Applications
2	548	YANG QIAN	11:10 AM - 11:20 AM	Optimizing CNN Models for Flower Image Classification: A Comparative Study of Accuracy, Efficiency, and Real-World Deployment
3	553	LU CHENG	11:20 AM - 11:30 AM	Facial Emotion Recognition System Based on Classification of Expression Patterns Using Deep Learning
4	557	JI QIQI	11:30 AM - 11:40 AM	Skin cancer Prediction Based on Machine Learning Algorithm
5	552	Li Runtong	11:40 AM – 11:50 AM	Predicting the impact of lifestyle on sleep health based on machine learning
6	555	PANG JIN YONG	11:50 AM – 12:00 PM	Intelligent Attribution Modeling for Higher Education Marketing using Bayesian Networks

Strategic Partners and Academic Collaborators



Day Two: Friday, 11 April 2025, Parallel Sessions 7 (a–g), Time: 12 pm – 12:30 pm

Parallel Session 7a
 Room No: **D3.06**
 Date: 11 April 2025, Friday
 Time: 12:00 PM – 12:30 PM
 Session Chair: Fatima-tuz-Zahra

No	Paper ID	First Author	Time	Paper Title
1	359	Vibhor Mahajan	12:00 PM - 12:10 PM	Secure Transmission Of Medical Images: Research On New Optimization Strategy For Encryption Process
2	360	Swarna Swetha Kolaventi	12:10 AM - 12:20 PM	Automatic Detection Of Cricket Umpire Gestures Using Artificial Intelligence
3	361	Raghu N	12:20 AM - 12:30 PM	Artificial Intelligence-Based Detection System For Fruit Identification

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 7b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 12:00 PM – 12:30 PM

Session Chair: Dr Hasrina Bakar

No	Paper ID	First Author	Time	Paper Title
1	356	M N Nachappa	12:00 PM - 12:10 PM	Implement An AI-Based Approach For Effective Construction Dust Monitoring
2	357	Sankalpa Bohidar	12:10 AM - 12:20 PM	Artificial Intelligence Algorithm For Accurate Detection Of Credit Card Frauds
3	358	Anoop Dev	12:20 AM - 12:30 PM	Advanced Technique For Recognizing Player Jersey Numbers

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 7c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 12:00 PM – 12:30 PM

Session Chair: Dr. Azyyati Adiah Zazali

No	Paper ID	First Author	Time	Paper Title
1	353	Beemkumar Nagappan	12:00 PM - 12:10 PM	Optimizing Electric Vehicle Battery Health Through Charging Duration Predictions: A Computational Model
2	354	Anuja Nanda	12:10 AM - 12:20 PM	Optimizing Image-Based Vehicle Damage Estimation Through AI
3	355	Nittin Sharma	12:20 AM - 12:30 PM	Optimized Neural Network Model For Accurate Gesture Recognition In Dynamic Environments

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 7d

Room No: **D9A**

Date: 11 April 2025, Friday

Time: 12:00 PM – 12:30 PM

Session Chair: Dr. Steve Teoh Chee Hooi

No	Paper ID	First Author	Time	Paper Title
1	350	Zulieka Homavazir	12:00 PM - 12:10 PM	An Optimized Scheduling Algorithm For Efficient Resource Allocation In Cloud Computing Environments
2	351	Tirumala Vasu Galithoti	12:10 AM - 12:20 PM	Enhancing Security In Network Communication Encryption Systems Using Bio-Inspired Algorithm
3	352	N. Mathan Mathan	12:20 AM - 12:30 PM	The Role Of Corporate Ethics And CSR In Driving Organizational Success In The Financial Sector

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 7e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 12:00 PM – 12:30 PM

Session Chair: Dr. Siti Zainab Ibrahim

No	Paper ID	First Author	Time	Paper Title
1	347	Umesh Daivagna	12:00 PM - 12:10 PM	Classifying Driver Sleepiness Expressions Using Machine Learning Technique
2	348	Ganesh D, Swadhin Ku Barisal	12:10 AM - 12:20 PM	Advanced Framework For Enhanced Diabetes Prediction Using Mathematical Models
3	349	Vinima Gambhir	12:20 AM - 12:30 PM	Innovative Machine Learning-Based Technique For Student Action Recognition

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 7f

Room No: **E9B**

Date: 11 April 2025, Friday

Time: 12:00 PM – 12:30 PM

Session Chair: Dr. Humaira Ashraf

No	Paper ID	First Author	Time	Paper Title
1	527	Zhang Jin	12:00 PM - 12:10 PM	Design and Implementation of Wheat Disease and Pest Identification and Auxiliary Decision-making System Based on Improved YOLOv8
2	538	TIAN YADONG	12:10 AM - 12:20 PM	Sentiment Tendency Analysis and Personalized Recommendation of Movie Reviews Driven by Deep Learning
3	544	XI DALA	12:20 AM - 12:30 PM	Depression Recognition Using Eye Image Features and Psychological Data\

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 7g

Room No: **E9B**

Date: 11 April 2025, Friday

Time: 12:00 PM – 12:30 PM

Session Chair: Dr. Husna Sarirah Husin

No	Paper ID	First Author	Time	Paper Title
1	344	Mohana S D	12:00 PM - 12:10 PM	Advancements In Smart Agriculture: IoT-Based Fertilizer Recommendation Framework
2	345	Rahul Pawar	12:10 AM - 12:20 PM	An Efficient Framework For Identifying Malicious Profiles In Social Networks
3	346	Ashwika Rathore	12:20 AM - 12:30 PM	An Automatic Face Mask Detection System Using AI

Strategic Partners and Academic Collaborators



Day Two: Friday, 11 April 2025, Parallel Sessions 8 (a-e), Time: 2:30 – 3:30 pm

Parallel Session 8a

Room No: **D3.06**

Date: 11 April 2025, Friday

Time: 2:30 PM – 3:30 PM

Session Chair: Dr. Reema Ahmed Abdalla Thabit

No	Paper ID	First Author	Time	Paper Title
1	338	Hemalatha P	2:30 PM - 2:40 PM	A Survey On Enhancing Network Lifetime And Energy Efficiency In Wireless Sensor Networks Using Machine Learning Algorithms
2	339	Simranjeet Nanda	2:40 PM – 2:50 PM	Advancements In Cybersecurity: Novel Data-Driven Framework For Detecting Phishing Attacks In Emails
3	340	Vesapogu Joshi Manohar	2:50 PM – 3:00 PM	Intelligent Optimization Technique For Multi-Source Energy Management In Residential Power Systems
4	341	Bhavan Kumar	3:00 PM - 3:10 PM	Application Of Data Science Technique In Earthquake Damage Estimation
5	342	Murari Devakannan Kamalesh	3:10 PM – 3:20 PM	Optimizing Software Quality Through AI-Enabled Bug Prediction Model
6	343	Tapas Kumar	3:20 PM – 3:30 PM	Design And Optimization Of Thermal Systems For Sustainable Lithium-Ion Battery Energy Storage

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 8b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 2:30 PM – 3:30 PM

Session Chair: Assoc. Prof. Dr. Shakeel Ahmed

No	Paper ID	First Author	Time	Paper Title
1	189	Saef Obad Husain	2:30 PM - 2:40 PM	A Bio-Inspired Self-Healing Machine Learning Framework
2	191	Kathirvel P	2:40 PM – 2:50 PM	An Enhanced Intrusion Detection and Prevention
3	192	Muntather M Hassan	2:50 PM – 3:00 PM	Augmenting Explainable AI with Emotional Intelligence
4	193	Shankar Nayak Bhukya	3:00 PM - 3:10 PM	AI-Generated Machine Learning Models
5	194	G. Anudeep Goud	3:10 PM – 3:20 PM	Adaptive Cognitive Assistive Framework: A Machine Learning-Driven Approach for Human-AI Symbiosis in Engineering Intelligence
6	195	P. Vasanthi, L	3:20 PM – 3:30 PM	Machine Learning for Pulse Oximetry Refinement: Addressing Racial and Ethnic Disparities

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 8c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 2:30 PM – 3:30 PM

Session Chair: Assoc. Prof. Dr. Raja Kumar Murugesan

No	Paper ID	First Author	Time	Paper Title
1	183	E. Sri Durgadevi	2:30 PM - 2:40 PM	The Future of Corporate Finance: Integrating Cryptocurrency as a Viable Investment Tool
2	184	Rajasartheeswaran T	2:40 PM – 2:50 PM	Innovative Blockchain-Integrated Crowdfunding Solution for Sustainable Business Startups
3	185	M. Suneel Kumar	2:50 PM – 3:00 PM	Quantum-Inspired Reinforcement Learning for Real-Time Decision-Making
4	186	V.A. Narayana	3:00 PM - 3:10 PM	Autonomous Real-Time Model Evolution: A Self-Evolving AI Framework
5	187	G. Devadasu	3:10 PM – 3:20 PM	Enhancing Crisis Management in Smart Cities
6	188	Zaid Ajzan Alsalami	3:20 PM – 3:30 PM	Advancing Zero-Shot Spatio-Temporal Learning

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 8d

Room No: **D9A**

Date: 11 April 2025, Friday

Time: 2:30 PM – 3:30 PM

Session Chair: Dr. Steve Teoh Chee Hooi

No	Paper ID	First Author	Time	Paper Title
1	176	NANDHINI V	2:30 PM - 2:40 PM	Smart IoT-Enabled Real-Time Inventory Management System (SIRIMS) for Retail
2	177	Rohith. S, Anusha Reddy	2:40 PM – 2:50 PM	Blockchain-Powered Smart Loan Approval System: A Disruptive Innovation for Banks
3	178	Shivani S	2:50 PM – 3:00 PM	Exploring the Potential of Edge Computing in Enhancing Customer Experience in E-Commerce
4	179	Kishali Jerosha	3:00 PM - 3:10 PM	Building a Sustainable Business Model Through the Integration of Blockchain and Green Technologies
5	180	Vishwa R	3:10 PM – 3:20 PM	Enhanced Naive Bayes Model for Intelligent and Secure Email Spam Detection Using Hybrid Feature Engineering and Blockchain-Based Verification
6	182	Keerthika S	3:20 PM – 3:30 PM	Blockchain-Enabled Circular Economy Framework for Sustainable Plastic Waste Management in India's Food Delivery Sector

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 8e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 2:30 PM – 3:30 PM

Session Chair: Assoc. Prof. Dr. Afizan Azman

No	Paper ID	First Author	Time	Paper Title
1	170	Kunal Devidas Gaikwad	2:30 PM - 2:40 PM	Real-Time Financial Fraud Detection
2	171	Kasarla Priyanka	2:40 PM – 2:50 PM	Self-Healing Data Pipelines: Reinforcement Learning for Real-Time Fault Detection and Autonomous Recovery
3	172	A. Balajee, Syeda	2:50 PM – 3:00 PM	MetaFinance: AI-Powered Decentralized Finance (DeFi) Governance in the Metaverse
4	173	MOHAMED ASWITH.H	3:00 PM - 3:10 PM	Central Bank Digital Currency (CBDC) 3.0: Quantum Ledger-Based Multi-Currency Smart Exchange System
5	174	Akshaya Akshaya	3:10 PM – 3:20 PM	AI and Big Data Analytics for Predicting Consumer Behavior in Emerging Markets
6	175	MAGESH S	3:20 PM – 3:30 PM	Quantum Computing for Advanced Market Forecasting and Risk Management in Financial Services

Strategic Partners and Academic Collaborators



Day Two: Friday, 11 April 2025, Parallel Sessions 9 (a-g), Time: 3:30 – 4:30 pm

Parallel Session 9a

Room No: **D3.06**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Dr. Reema Ahmed Abdalla Thabit

No	Paper ID	First Author	Time	Paper Title
1	164	G. Ramesh, P.	3:30 PM - 3:40 PM	AI-optimized Data Lakes
2	165	G. Sravanthi	3:40 PM – 3:50 PM	Ethical AI for Data Governance
3	166	A. Divya Bharathi	3:50 PM – 4:00 PM	Edge AI for Low-Latency Data Stream Processing
4	167	Jagiri Sushmitha	4:00 PM - 4:10 PM	Quantum-Enhanced Probabilistic Databases
5	168	D. T. V. Dharmajee Rao	4:10 PM – 4:20 PM	Neuro-Symbolic AI-Driven Data Warehouses
6	169	Lavanya Gundu	4:20 PM – 4:30 PM	Blockchain-Enabled Decentralized Data Lakes

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 9b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Assoc. Prof. Dr. Raja Kumar Murugesan

No	Paper ID	First Author	Time	Paper Title
1	158	V. Vijaya Rama	3:30 PM - 3:40 PM	AI-Powered Real-Time Medical Diagnosis
2	159	Ananthakrishna V	3:40 PM – 3:50 PM	Blockchain-Enhanced Attribute-Based Encryption
3	160	Chilukuri Dileep	3:50 PM – 4:00 PM	Adaptive Multi-Modal Vision Transformer (AMVT)
4	161	G. Nagaraj	4:00 PM - 4:10 PM	Self-Supervised Feature Learning
5	162	S. Saravanan, B. P.	4:10 PM – 4:20 PM	Transformers for Multi-Scale Deep Learning
6	163	C. Tamilarasan	4:20 PM – 4:30 PM	Quantum-Assisted Adaptive Stereo Vision System

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 9c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Assoc. Prof. Dr. Afizan Azman

No	Paper ID	First Author	Time	Paper Title
1	506	Saumya Goyal	3:30 PM - 3:40 PM	Web-Scale Methods Using Graph Convolutional Neural Networks
2	507	Shobhit Goyal.	3:40 PM – 3:50 PM	Virtualizing Blockchain Functions: A New Strategy For Mobile Communications Beyond 5G
3	515	Simran Kalra	3:50 PM – 4:00 PM	Optimized CNNR-NNT For Product Recommendation in an E-Commerce System
4	154	D Nageswar Rao	4:00 PM - 4:10 PM	AI-Powered Real-Time Misinformation Detection
5	155	T. Pratyusha	4:10 PM – 4:20 PM	Edge AI for Smart Traffic Management
6	157	Yannam Bharath Bhushan	4:20 PM – 4:30 PM	AI-EduAgent: A Decentralized Autonomous AI Agent

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 9d

Room No: **D9A**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Prof. Dr. A.Sivasangari, Sathyabama Institute of Science and Technology, India

No	Paper ID	First Author	Time	Paper Title
1	484	Gutla Jessica	3:30 PM - 3:40 PM	Secure File Exchange: Enabling Seamless File Sharing and Management with Enhanced Security
2	485	Moparthi Samhitha	3:40 PM – 3:50 PM	An Integrated Remote Sensing and Machine Learning Approach for Crop Area Estimation
3	486	Hasrina Ibrahim	3:50 PM – 4:00 PM	Skin and Cancer Disease Detection Using Deep Learning
4	502	Farhad Khoshbakht	4:00 PM - 4:10 PM	Assessment for Forthcoming Study on Big Data Based Disaster Management
5	504	Dhananjay V	4:10 PM – 4:20 PM	A Two-Step Method for Predicting Solar Energy Production Utilizing Weather Information and Machine Learning
6	505	Maria Daya Roopa	4:20 PM – 4:30 PM	Tuberculosis Diagnosis using Machine Learning

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 9e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Dr.Lakshmana, Sathyabama Institute of Science and Technology, India

No	Paper ID	First Author	Time	Paper Title
1	43	A. Bhavana Rajaputana	3:30 PM - 3:40 PM	OPTIMISING SURGICAL INSTRUMENT RECOGNITION USING ADVANCED OBJECT DETECTION ALGORITHM
2	45	Shriya. S	3:40 PM – 3:50 PM	Loan Approval Prediction through Machine Learning and Visualization: Insights from Gradient Boosting and Power BI
3	44	BL Krisha	3:50 PM – 4:00 PM	MACHINE LEARNING TECHNIQUE: HOLISTIC PERSONALITY ANALYSIS AND GUIDANCE
4	501	Balachander K	4:00 PM - 4:10 PM	Advanced Optimization and Supervision of Grid-Integrated Renewable Energy Hybrid Systems
5	503	Silpiranjan Mishra	4:10 PM – 4:20 PM	Artificial Intelligence-Assisted Histopathological analysis for the automated diagnosis of oral cancer and precancerous lesions
6	508	Ishika Chatterjee	4:20 PM – 4:30 PM	Artificial Intelligence for real-time identification and segmentation of root canal morphology using digital imaging

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 9f

Room No: **E9A**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Dr. P Ajitha, Sathyabama Institute of Science and Technology, India

No	Paper ID	First Author	Time	Paper Title
1	450	Manish Nandy	3:30 PM - 3:40 PM	Detecting Breast Cancer through Mammography Using Transfer Learning and CNNs
2	451	Rajesh Kumar Manik	3:40 PM – 3:50 PM	Machine Learning Techniques for Early Detection and Risk Prediction in Chronic Diseases
3	452	Tejal Gowda	3:50 PM – 4:00 PM	AI-based detection and classification of periapical lesions in CBCT and periapical radiographs using deep learning
4	471	Saleh Al Sulaie	4:00 PM - 4:10 PM	AI-Based Dynamic Pricing Models for Insurance in Fintech Ecosystems
5	472	Hasrina Ibrahim	4:10 PM – 4:20 PM	Image Forgery Detection
6	473	Hasrina Ibrahim	4:20 PM – 4:30 PM	AI-Driven Automated Room Design with Effortless Room Transformation

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 9g

Room No: **E9B**

Date: 11 April 2025, Friday

Time: 3:30 PM – 4:30 PM

Session Chair: Dr. R.M. Gomathi, Sathyabama Institute of Science and Technology, India

No	Paper ID	First Author	Time	Paper Title
1	474	Hasrina Ibrahim	3:30 PM - 3:40 PM	Currency Detection for Visually Impaired
2	481	G Navya Shree	3:40 PM – 3:50 PM	Image Generation and Deep Fake Detection: A Comprehensive Study
3	476	Hasrina Ibrahim	3:50 PM – 4:00 PM	Hybrid Deep Learning Framework for Diabetic Retinopathy Detection
4	477	Hasrina Ibrahim	4:00 PM - 4:10 PM	Transformer-Based Fake Review Detection
5	478	Hasrina Ibrahim,	4:10 PM – 4:20 PM	Automated Helmet Detection and Number Plate Recognition with Alert Email
6	479	Venkata Vignesh	4:20 PM – 4:30 PM	Revitalizing Railway Track Inspection

Strategic Partners and Academic Collaborators



Day Two: Friday, 11 April 2025, Parallel Sessions 10 (a-f), Time: 4:30 – 5:00 pm

Parallel Session 10a

Room No: **D3.06**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Dr. Reema Ahmed Abdalla Thabit

No	Paper ID	First Author	Time	Paper Title
1	475	Hasrina Ibrahim	4:30 PM - 4:40 PM	Pothole Detection and Alert System
2	482	Yasaswi Gorantla	4:40 PM – 4:50 PM	The Intelligent Personal Learning Assistant: A Smarter Approach to University Learning
3	483	Hasrina Ibrahim	4:50 PM – 5:00 PM	Rainfall Prediction Using Machine Learning and Deep Learning

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 10b

Room No: **D3.07**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Assoc. Prof. Dr. Shakeel Ahmed

No	Paper ID	First Author	Time	Paper Title
1	626	Jamshaid Janjua	4:30 PM - 4:40 PM	MFCC and CNN-Based Sound Classification Method for Detection of Forensic Cases in Smart Cities
2	627	Jamshaid Janjua	4:40 PM – 4:50 PM	Block Chain Enabled Vehicle documents Verification System
3	629	R Sivaranjani	4:50 PM – 5:00 PM	Image Classification using Quantum Convolutional Neural Network (QCNN)

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 10c

Room No: **D3.08**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Assoc. Prof. Dr. Afizan Azman

No	Paper ID	First Author	Time	Paper Title
1	436	JAMI VENKATA SUMAN	4:30 PM - 4:40 PM	Smart Agriculture: Integrating AI and IoT in Embedded Systems
2	85	Navya Velakurthi	4:40 PM – 4:50 PM	Enhancing Calorie-Burn Prediction through Federated Learning
3	631	Mohanad Amin Salhab	4:50 PM – 5:00 PM	The Impact of AI-Driven Tools on Production Efficiency and Quality Management with Cascadeur Software

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 10d

Room No: **D9A**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Dr Arindam Biswas, Kazi Nazrul University, India

No	Paper ID	First Author	Time	Paper Title
1	156	Rakesh S, Ch. Sirisha	4:30 PM - 4:40 PM	Neural Cybersecurity AI-Driven Deep Learning
2	19	Shadia Baroud	4:40 PM – 4:50 PM	AI-Powered Multi-Agent System for Type 2 Diabetes Care: IoT, Federated Learning and Mobile Health Integration
3	630	Jamshaid Janjua	4:50 PM – 5:00 PM	Leveraging Multiple LLM Evaluators for Scalable and Fair Language Model Assessments

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 10e

Room No: **D9B**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Prof Dr Basheer Riskhan

No	Paper ID	First Author	Time	Paper Title
1	47	Suha Khanfar	4:30 PM - 4:40 PM	Investigation into the Factors Affecting the Integration of Artificial Intelligence (AI) in Human Resources Management (HRM) within Jordanian Banks
2	34	Aditya Soni	4:40 PM – 4:50 PM	Data mining in precision medicine: case studies for patient-specific treatment strategies
3	438	M.Mohan Venkat Swaroop	4:50 PM – 5:00 PM	Prediction of Insufficient Accuracy for Solar Energy Prediction Generation in Power Plants with XGBoost by Comparing with Decision Tree Regressor

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International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 10f

Room No: **E9A**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Prof Dr Basheer Riskhan

No	Paper ID	First Author	Time	Paper Title
1	27	Amer Abu Salem	4:30 PM - 4:40 PM	Deep Reinforcement Learning-Enhanced Routing in Mobile Ad Hoc Networks: A Comprehensive Study
2	30	JAMI VENKATA SUMAN	4:40 PM – 4:50 PM	The Future of English Language Teaching AI, Virtual Language Labs and Soft Skills Integration
3	32	Manikyala Rao Tankala	4:50 PM – 5:00 PM	A Comparative Analysis of Deep Learning Transformers and Classical Approaches in IoT Security

Strategic Partners and Academic Collaborators



International Conference on Metaverse and Current Trends in Computing (ICMCTC2025)

Parallel Session 10g

Room No: **D4.16: (X-Space)**

Date: 11 April 2025, Friday

Time: 4:30 PM – 5:00 PM

Session Chair: Dr. Humaira Ashraf

No	Paper ID	First Author	Time	Paper Title
1	495	Lau Zhi Yi	4:30 PM - 4:40 PM	Insurance Claim Fraud Detection Using Machine Learning
2	490	G. Forcado	4:40 PM – 4:50 PM	PSO and Genetic Algorithm aided Deep Learning Architecture for Marble Classification
3	500	Wong Zheng Qie	4:50 PM – 5:00 PM	Text Feature Extraction Techniques for Pet Descriptions

Strategic Partners and Academic Collaborators

