

Parallel Session 1

(32 papers)

Day 1: Parallel Session 1.1 - (8 papers)

 **Thursday, 13 November 2025**

 **Venue:** Petra 2

 **Track name:** SOFTWARE ENGINEERING

 **Chairperson:** Associate Prof. Dr. Nur Fazidah Elias

Time	Paper ID	Title	Authors	Presenter
02:00 pm	8	A Comparative Review of SaaS Adoption In M-Government Apps	Adawiyah Md Ashar, Nur Fazidah Elias, Ruzzakiah Jenal and Meng Chun Lam	Adawiyah Md Ashar
02:15 pm	37	Assessing Cloud Computing Adoption in the Malaysian Healthcare Industry based on IT Capability	Normilah Mohd Noh, Hasimi Sallehudin, Nurhizam Safie Mohd Satar, Nur Azaliah Abu Bakar, Ahmad Firdause Md Fadzil and Farashazillah Yahya	Hasimi Sallehudin
02:30 pm	46	Understanding User Perspectives and Preferences on Bus and Shuttle: A Human-Centered Design Approach to Attract New Users: Tiket.com Study	Ashari Muhammad Hisbulloh, Rini Setiawati and Riyan Leandros	Ashari Muhammad Hisbulloh
02:45 pm	60	A Comparative Evaluation of Moodle-Based Learning Management System in Malaysian Public Universities Using a Refined SQTL Framework	Nurhidayah Bahar, Zulkefli Mansor, Dian Indrayani Jambari, Sabrina Tiun, Farzana Parveen Tajudeen and Nur Syahirah Nabilah Shahril	Nurhidayah Bahar
03:00 pm	Break			
03:30 pm	61	Enhancing University Student Mental Health Through AI-Driven Personalized Bibliotherapy	Kinn Abass Bakon, Tines Subramaniam, Lilysuriazna Raya, Zulaika Sauid and Nur Fazidah Elias	Kinn Abass Bakon
03:45 pm	62	The Application of Lifelong Learning Algorithm in Software Effort Estimation	Xin Xiong and Zulkefli Mansor	Zulkefli Mansor
04:00 pm	77	Compound Encryption Algorithm using AES and RSA for a Secured Password Manager	Dahlila Putri Dahnil, Nur Azrina Amira Salehuddin and Wan Fariza Fauzi	Dahlila Putri Dahnil
04:15 pm	323	Vaccine Monitoring System Using TPFADA Algorithm	Huang Qi, Rosilah Hassan, Yazrina Yahya, Shahnorbanun Sahran and Anahita Ghazvini	Anahita Ghazvini
05:00 pm	Conference Adjourns			

Day 1: Parallel Session 1.2- (8 papers)

 **Thursday, 13 November 2025**

 **Venue:** Giza

 **Track name:** CYBER SECURITY

 **Chairperson:** Prof. Dr. Zarina Shukur

Time	Paper ID	Title	Authors	Presenter
02:00 pm	44	Energy Management for BMS with Auto Reclosure RCCB/MCB	Rosilah Hassan, Arbaiah Inn, Nur Sumayyah Ahmad, Mohamad Hafiz Zakaria, Faizan Qamar and Zhiyi Cui	Zhiyi Cui
02:15 pm	66	Improved Security and Efficiency of Aircraft Baggage Handling Management System Using Spring-Struts2-Hibernate (SSH) Framework	Jin Yuhao, Nur Hanis Sabrina Suhaimi, Nazhatul Hafizah Mohd Kamarudin, Fadilla Atyka Nor Rashid, Mohamad Kamrul Hasan and Azana Hafizah Mohamad Aman	Nazhatul Hafizah Mohd Kamarudin
02:30 pm	67	Authentic Die-cast Empowering Collectors with Digital Watermarking Technology	Taufiq Mohamad, Muhammad Faiz Hakimi Muhd Shepuan, Nur Atiqah Sia Abdullah and Muhamad Ridhwan Mohamad Razali	Taufiq Mohamad
02:45 pm	73	The Advancement of Wi-Fi 7 Technology: Standard and Case Study	Gaoyang Guo, Faizan Qamar, Khairull Akram Ariffin, Tan Siok Yee and Fatin Filzahti Binti Ismail	Gaoyang Guo
03:00 pm	Break			
03:30 pm	78	A Software Defined Framework for Real Time Monitoring and Alerting in IoT Based Home AC Charging for EV	Ruichen Wang, Rosilah Hassan, Mohd Nor Akmal Khalid and Shuai Li Shuai	Ruichen Wang
03:45 pm	95	GenAI Game Analysis of Computational Offloading and Resource Management in Vehicular Networks	Nusrat Jahan, Mohammad Kamrul Hasan and Mohd Zakree Ahmad Nazri	Nusrat Jahan
04:00 pm	236	ReliefChain: A Blockchain-Enabled Framework for Transparent and Accountable Flood Relief Donations in Malaysia	Hafiz Adnan Hussain, Uzma Jafar, Zulkefli Mansor, Zarina Shukur, Mohd Juzaidin Ab Aziz and Lusiana Binti Syaiful	Hafiz Adnan Hussain
04:15 pm	265	An Enhanced Federated Learning Framework for Intrusion Detection in SDN using Local Interpretable Model-Agnostic Explanations	Syed Hussain Ali Kazmi, Rosilah Hassan, Faizan Qamar, Kashif Nisar, Bahari Idrus and Noridayu Adnan	Syed Hussain Ali Kazmi
05:00 pm	Conference Adjourns			

Day 1: Parallel Session 1.3 - (8 papers)

 **Thursday, 13 November 2025**

 **Venue:** Petra 1

 **Track name:** ARTIFICIAL INTELLIGENCE TECHNOLOGY

 **Chairperson:** Ts. Dr. Vong Wan Tze

Time	Paper ID	Title	Authors	Presenter
02:00 pm	52	Exploring the Impact of In-Context Learning and Few-Shot Demonstrations on Nuclear Material Entity Normalization in Named Entity Recognition	Nazlia Omar and Nur Fatini Abdul Ghani	Nazlia Omar
02:15 pm	54	Malaysia's COVID-19 Vaccination Impact: A Visualization and Regression Analysis of Cases and Mortality	Qian Peng, Xingang Bao, Sien Lu, Geyu Liu, Yuanzhe Cai, Feijuan Huang, Fadilla'Atyka Nor Rashid and Suhaila Zainudin	Suhaila Binti Zainudin
02:30 pm	68	Encircling Dynamics in Swarm-Based Intelligent: Trends, Challenges and Future Direction	Wirawati Dewi Ahmad, Azuraliza Abu Bakar and Mohd Nor Akmal Khalid	Wirawati Dewi Ahmad
02:45 pm	83	Patient Waiting List Management: A Systematic Analysis of Current Approaches and Evidence Gaps	Saadeddin Hroub, Masri Ayob and Norizal Abdullah	Saadeddin Hroub
03:00 pm	Break			
03:30 pm	97	Classification of Metal Screw Defect Detection using FOMO on Edge Impulse	Muhammad Imran Daing, Zuraidi Saad, Ahmad Puad Ismail, Kamarulazhar Daud, Fadzil Ahmad and Zainal Hisham Che Soh	Zainal Hisham Che Soh
03:45 pm	99	A Systematic Evaluation of Deep Learning Models for Vehicle Classification and Counting Using Numerical Data	Amir Raza, Johari Abdullah, Rehman Ullah Khan, Irwandi Hipni Mohd Hipiny and Hamimah Ujir	Amir Raza mahdi
04:00 pm	269	Lexicon Scores in Malay Sentiment Analysis	Sabrina Tiun, Nazlia Omar and Iznora Aini Zolkifly	Sabrina Tiun
04:15 pm	426	Deep Learning for Web Phishing Detection: A Comparative Evaluation of CNN, LSTM, and GRU	Po Chan Chiu, Yu Heng Liew, King Kuok Kuok and Hamizan Sharbini	Po Chan Chiu
05:00 pm	Conference Adjourns			

Day 1: Parallel Session 1.4 - (8 papers)

 **Thursday, 13 November 2025**

 **Venue:** Taj Mahal

 **Track name:** ELECTRICAL ENGINEERING

 **Chairperson:** Prof. Dr. Ir. Yoanes Bandung

Time	Paper ID	Title	Authors	Presenter
02:00 pm	7	Improving UAV Altitude Estimation using Barometric Sensor: A Method via Data Analysis	Kieu Trang Le, Tien Truong Nguyen and Dong Thanh Nguyen	Kieu Trang Le
02:15 pm	38	Enhanced Turbulence Characteristics in Dual Pulsating Jets Using Hot-Wire Anemometry	Authors: Rozli Zulkifli, Shahrir Abdullah, Kamaruzzaman Sopian	Rozli Zulkifli
02:30 pm	53	PUDAL Engine and V-Model: The Foundation of Smart Management Framework for Higher Education Accreditation	Daniel Jahja Surjawan, Armein Z. R. Langi, Jaka Sembiring and Albarda Albarda	Daniel Jahja Surjawan
02:45 pm	85	Performance Comparison of Single-Node and Multi-Node Kubernetes Orchestration for SRv6 Network Testbed Deployment with Clabernetes	Fazza Ihza	Fazza Ihza
03:00 pm	Break			
03:30 pm	98	Immersive Experiences in Virtual Science Labs: A Systematic Review and the VIRTAS Framework	Anis Ezzaty Mohd Saidi, Syahrul Nizam Junaini and Wan Azani Mustafa	Syahrul Nizam Junaini
03:45 pm	226	Techno-Economic Analysis for A Typical Commercial Building Grid-Connected PV Integration with Load Shifting Strategy	Rafif Daffa Aribawa Putra and Burhanuddin Halimi	Rafif Daffa Aribawa Putra
04:00 pm	230	Performance Evaluation of Web-based Internet of Video Things (IoVT) Protocols	Yoanes Bandung, Hafidz Shidqi and Dion Tanjung	Yoanes Bandung
04:15 pm	232	Lightning Density Prediction Using Quantum Support Vector Regression	Muhammad Fadhil Amri, Lenny Putri Yulianti, Bryan Denov, Brian Bramantyo S.D.A. Harsono and Sriyono	Muhammad Fadhil Amri
05:00 pm	Conference Adjourns			

Parallel Session 2

(29 papers)

Day 2: Parallel Session 2.1 - (5 papers)

 Friday, 14 November 2025

 Venue: Petra 2

 Track name: SOFTWARE ENGINEERING

 Chairperson: Associate Prof. Dr Zulkefli Mansor

Time	Paper ID	Title	Authors	Presenter
09:00 am	2	Modelling the Acceptance and Use of Digital Twin Technology in Smart Buildings: An Extended TAM Approach	Hasimi Sallehudin, Afiffuddin Husairi Mat Jusoh Hussain, Farashazillah Yahya, Rogis Baker, Ahmad Firdause Md Fadzil, Nur Azaliah Abu Bakar and Mohd Khairolden Ghani	Hasimi Sallehudin
09:15 am	93	eSaku: An Interactive Mobile App for University Students to Manage Expenses	Sue Nee Lau and Jonathan Sidi	Sue Nee Lau
09:30 am	94	eDog: An Interactive Dog Care Application Using An UI/UX Approach	Ang Nee Lee and Jonathan Sidi	Ang Nee Lee
09:45 am	220	Applying SOFL to Enhance Requirements Gathering in Educational Technology: Case Study of Developing Course Plan Assistant	A Rahman Mat, Edwin Mit and Ayu Nazirah Razamie	A Rahman Mat
10.00 am	Break			
10:30 am	415	Pantun Bermukun Sarawak: Automated Pantun Reply Generation using Fuzzy N-gram Similarity	Mohammad bin Hossin, Fatimah Binti Subet and Hamizan Binti Sharbini	Mohammad bin Hossin
11:30 am	Lunch and Prayer Break			

Day 2: Parallel Session 2.2 - (8 papers)

 Friday, 14 November 2025

 Venue: Giza

 Track name: CYBER SECURITY

 Chairperson: Prof. Dr. Siti Norul Huda Sheikh Abdullah

Time	Paper ID	Title	Authors	Presenter
09:00 am	6	Generative Adversarial Networks for Synthetic Attack Generation: Strengthening Network Defense Training	Hiba A. Tarish, Rosilah Hassan, Khairul Akram Zainol Ariffin, Mustafa Musa Jaber and Syed Hussain Ali Kazmi	Syed Hussain Ali Kazmi
09:15 am	9	Prediction of Privacy Concerns based on Personality Traits and General Risk Propensity	Abdulsalam Alshaqhaa, Rosilah Hassan, Faizan Qamar, Anwar Ibrahim and Gaoyang Guo	Gaoyang Guo
09:30 am	58	A Hybrid Binary Artificial Bee Colony Algorithm for the Minimum Dominating Set Problem in Wireless Sensor network	Lina Talib, Faizan Qamar, Ravie Chandren Muniyandi, Syed Hussain Ali Kazmi and Tan Siok Yee	Lina Talib
09:45 am	59	Performance Comparison of Deep Q-Network Variants in Network Slicing Resource Optimization	Zhiyi Cui, Faizan Qamar, Syed Hussain Ali Kazmi, Khairul Akram Zainol Ariffin and Fazlina Mohd Ali	Zhiyi Cui
10.00 am	Break			
10:30 am	79	Real time Mobile Device Detection Tool Based on the Fusion of BLE Signal Analysis and Deep Learning Technology	Shuai Li, Rosilah Hassan, Ruichen Wang and Rimaniza Zainal Abidin	Shuai Li
10:45 am	81	Lightweight Protocol Using Elliptic Curve based Key Agreement Techniques for Secured Cyber-Physical Systems of Smart Grids	Md Mehedi Hasan, Mohammad Kamrul Hasan, Elankovan A. Sundararajan, Naganna Chetty and Rashid A Saeed	Md Mehedi Hasan
11:00 am	86	Deep Learning Based Microfilariae Detection and Quantification	Rose Mary Maniraj, Zhou Dengrui, Emelia Osman, Siti Norul Huda Sheikh Abdullah, Aishah Hani Azil and Mohd Amierul Fikri Mahmud	Rose Mary Maniraj
11:15 am	234	Yoanes Bandung, Aditya Pradana, Kusprasapta Mutijarsa and Dion Tanjung	RoI-based Selective Encryption for Multimedia IoT using Lightweight AEAD Cipher	Yoanes Bandung
11:30 am	Lunch and Prayer Break			

Day 2: Parallel Session 2.3 - (8 papers)

 Friday, 14 November 2025

 Venue: Petra 1

 Track name: ARTIFICIAL INTELLIGENCE TECHNOLOGY I

 Chairperson: Associate Prof. Dr. Suhaila Zainudin

Time	Paper ID	Title	Authors	Presenter
09:00 am	72	EEG-Based Attention Detection in Dynamic Settings: A Deep and Meta-Learning Approach	Teddy Marcus Zakaria, Armein Z.R. Langi, Dimitri Mahayana, Isa Anshori and Muhamad Sophian Nazaruddin	Teddy Marcus Zakaria
09:15 am	92	Automated Essay Grading System with Automated Feedback	Alexander Anak Adrian and Ping Ping Tan	Ping Ping Tan
09:30 am	102	IndoEduBERT: Tailored Multi-Lingual and Multi-Grained Sentence Embeddings for the Indonesian Education Domain	Arrival Dwi Sentosa, Ary Setijadi Prihatmanto, Nina Lestari, Dewi Tresnawati and Azizah Zakiah	Arrival Dwi Sentosa
09:45 am	210	A Survey on Multi-Armed Bandit Approaches in Hyper-Heuristics: Recent Advances and Future Direction	Masri Ayob, Norizal Abdullah, Meng Chun Lam and Nasser R. Sabar	Masri Ayob
10.00 am	Break			
10:30 am	213	MACS: A Cognitive Diversity Multi-Agent Consensus Framework for Bias Mitigation in Automated Evaluation Systems	Arrival Dwi Sentosa and Julyan Widiyanto	Arrival Dwi Sentosa
10:45 am	215	EQANER: Annotated Corpus for English Quranic Studies	Shasha Arzila Tarmizi and Saidah Saad	Shasha Arzila Tarmizi
11:00 am	216	Impact of Adaptive Learning Rate Strategies on Deep Learning Models for Chest X-Ray Diagnosis	Meteab Moqbel, Zuraidi Saad, Mohd Ikmal Fitri Maruzuki, Noor Diyana Osman, Dayang Suhaida Awang Damit and Zainal Hisham Che Soh	Zuraidi Saad
11:15 am	227	Privacy-Aware Machine Unlearning for Stable Association Rules in Retail Recommendations	Xuanming Hu, Wan Tze Vong, Miko May Lee Chang and Pei-Wei Tsai	Xuanming Hu
11:30 am	Lunch and Prayer Break			

Day 2: Parallel Session 2.4 - (8 papers)

 **Friday, 14 November 2025**

 **Venue:** Taj Mahal

 **Track name:** ARTIFICIAL INTELLIGENCE TECHNOLOGY II

 **Chairperson:** Dr Joel Than Chia Ming

Time	Paper ID	Title	Authors	Presenter
09:00 am	36	Machine learning driven enterprise business intelligence refactoring and dynamic adaptation	Yong-Jie Wu, Jiayin Yu, Zi-Zhen Li, Shen Wu and Jiang Jiang	Jiayin Yu
09:15 am	57	Intelligent Clinical Dialogue Assistant: Enhancing Doctor-Patient Anamnesis through LLM-Powered Real-Time Symptom Analysis	Yoenie Indrasary, Ary Setijadi, Siti Kustini, Isna Wardiah and Khairunnisa Khairunnisa	Yoenie Indrasary
09:30 am	84	MEGANet-W: A Wavelet-Driven Edge-Guided Attention Framework for Weak Boundary Polyp Detection	Zhe Yee Tan and Ashwaq Qasem	Zhe Yee Tan
09:45 am	91	Doodle Recognition for Early Language Learning in Preschool Children	Phei Chin Lim and Dy Llen Hoo	Phei Chin Lim
10.00 am	Break			
10:30 am	96	Extracting Colour Features from Colposcopy Images for Classification of Cervical Cancer	Stephanie Chua and Siti Nursyafiqah Binti Abdullah	Stephanie Chua
10:45 am	243	Optimization of Energy Forecasting Anomalies Using LSTM based Time Series Analysis and Secure Federated Learning	S. Rayhan Kabir, Mohammad Kamrul Hasan, Simi Bajaj, Salwani Abdullah, Tanja Pavleska and Rabiul Aliyu Abdulkadir	S. Rayhan Kabir
11:00 am	381	GEDW-PPI: Gaussian Kernel Enhanced DeepWalk for Protein-Protein Interaction Prediction	Suhaila Zainudin, Kauthar Mohd Daud and Cao Meiyuan	Kauthar Binti Mohd Daud
11:15 am	386	AI-Enhanced Learning: Personalizing Mobile Application Development Education: A Preliminary Study	Mohammad Salim and Nazhatul Hafizah Kamarudin	Mohammad Salim
11:30 am	Lunch and Prayer Break			

Parallel Session 3

(19 papers)

Day 2: Parallel Session 3.1 - (8 papers)

 Friday, 14 November 2025

 Venue: Giza

 Track name: CYBER SECURITY

 Chairperson: Prof. Dr. Siti Norul Huda Sheikh Abdullah

Time	Paper ID	Title	Authors	Presenter
02:00 pm	40	Optimizing Security Automation in DevSecOps: Evaluating the Effectiveness of SCA, SAST, DAST, and Container Scanning in an Integrated Vulnerability Management System	Faza Muhandisa Asro and Hamonangan Situmorang	Faza Muhandisa Asro
02:15 pm	74	Enhancing Network Security: Hybrid XGMB Model for Intrusion Detection with Intelligent Feature Engineering	Shayla Islam, Phani Praveen S, Naga Deepti Ponnaganti, Sreenath Kocharla and Nurhizam Safie Mohd Satar	Shayla Islam
02:30 pm	89	Understanding the Evolution and Escalation of Cyber Threats from the Inception of the Internet to the Era of Quantum Computing	Haitham Assiri	Haitham Assiri
02:45 pm	268	An IoT-Based Air Quality Monitoring System using Interactive Map	Li Bingkai, Md Nasiruzzaman and Mahdi Miraz	Mahdi Miraz
03:00 pm	Break			
03:30 pm	295	Knowledge, Attitude & Behavior Analysis toward Human E-commerce Protection Model	Noridayu Adnan, Siti Norul Huda Sheikh Abdullah and Wan Fariza Wan Fauzi	Noridayu Adnan
03:45 pm	296	Multi-Granularity Spatio-Temporal Affective Perception Network with MentalBERT for Social Media Depression Detection	Shiwen Zhou, Masnizah Mohd and Lailatul Qadri Zakaria	Shiwen Zhou
04:00 pm	303	A Hybrid Deep Learning Approach Integrating CNN BiLSTM, and Attention Mechanism for Robust Phishing URL Detection	Khulood Abdullah, Siti Norul Abdullah, Afnan Abdullah, Amelia Natasya Abdul Wahab and Esra Halbob	Khulood Abdullah
04:15 pm	387	Enhanced Predictive Pixel Deviation Frame Guided Hybrid Edge-Based Image Steganography for High Capacity and Imperceptibility	A F M Zainul Abadin, Rossilawati Sulaiman and Mohammad Kamrul Hasan	A F M Zainul Abadin
4:30 pm	Conference Adjourns			

Day 2: Parallel Session 3.2 - (6 papers)

 Friday, 14 November 2025

 Venue: Petra 2

 Track name: ARTIFICIAL INTELLIGENCE TECHNOLOGY I

 Chairperson: Prof Ts Dr Dayang Nurfatimah binti Awang Iskandar

Time	Paper ID	Title	Authors	Presenter
02:00 pm	55	Fine-Tuning Komodo Model with LoRA for Sentiment Analysis of YouTube Comments	Viny Christanti Mawardi, Edward Thomas Alexander and Daniel Jahja Surjawan	Viny Christanti Mawardi
02:15 pm	71	GCS-UNet: Improved Swin-UNet for Medical Image Segmentation	Yifan Ouyang and Ashwaq Qasem	Ashwaq Qasem
02:30 pm	76	Hybrid QNN for Weed or Crop Detection using DNN and 2-QubitCircuits	Firdaus Firdaus, Infall Syafalni, Nur Ahmadi, Nana Sutisna, Rahmat Mulyawan and Trio Adiono	Firdaus Firdaus
02:45 pm	223	Detection of Object Manipulation in Video Authentication Using Efficient Net-Based Frame Analysis	Shaima Mohammed Gaashan, Nazhatul Hafizah Kamarudin and Siti Norul Huda Sheikh Abdullah	Nazhatul Hafizah Kamarudin
03:00 pm	Break			
03:30 pm	231	T2DM-PHKG: A Framework for Ontology-Driven and Explainable Recommendations in Type 2 Diabetes Care	Tracy Jeng Yee Jong, Wan-Tze Vong, Miko May Lee Chang and Huai Liu	Tracy Jeng Yee Jong
03:45 pm	380	Advanced Rehabilitation IoT (RIoT) System Utilizing IMAGy MEMS Sensors and Deep Learning for Hand Gesture Recognition	Ahmad Anwar Zainuddin, Md Sariful Islam, Dr Irwandi, Edwar Iswardy, Mohd Izzudin Mohd Tamrin, Dini Handayani and Saidatul Izyanie Kamarudin	Ahmad Anwar Zainuddin
04:30 pm	Conference Adjourns			

Day 2: Parallel Session 3.3 - (5 papers)

 Friday, 14 November 2025

 Venue: Taj Mahal

 Track name: ELECTRICAL ENGINEERING

 Chairperson: Prof. Dr. Zarina Shukur

Time	Paper ID	Title	Authors	Presenter
02:00 pm	32	Monitoring Natural Hazard Trends in Power Distribution Networks Using Professional Meteorological Services and Rainfall Distribution Analysis for Early Warning Systems	Guole Li, Caifen Wang, Xuwei Zhang, Pengfei Cao and Hongjian Li	Guole Li
02:15 pm	33	Research Progress and Future Prospects of Bionic Aerodynamic Noise Control Technologies	Ke Xu	Ke Xu
02:30 pm	42	Automated Information Extraction and Text Summarization of IBL News using IndoBERT and BART	Daniel Jahja Surjawan, William Budianto and Viny Christanti Mawardi	Daniel Jahja Surjawan
02:45 pm	398	Distributed Smart Street Lighting: A Case Study with Predictive Control with Heterogeneous Road Traffic	Pei Zhen Lee, Sei Ping Lau and Chong Eng Tan	Sei Ping Lau
03:00 pm	Break			
03:30 pm	428	Ensemble Fusion for Inertial-Sensor-Based Field Hockey Activity Recognition	Norazman Shahar, Norhana Arsad, Ahmad Kamal Ariffin Mohd Ihsan, Mohd Faisal Ibrahim, Aqilah Baseri Huddin and Muhammad Amir As'Ari	Norazman Shahar
03:45 pm	Conference Adjourns			

Online Live Session

(11 papers)

Day 3: Online Session - (6 papers)

 **Saturday, 15 November 2025**

 **Venue:** Zoom

 **Track name:** Online Live Session

 **Chairperson:** Dr Anahita Ghazvini

Time	Paper ID	Title	Authors	Presenter
09:00 am	41	Optimized Integration of Renewable Energy Systems Using Chaotic Optimization in Distribution Systems	Muhammad Suhail Shaikh, Dong Xiaoqing, Chunwu Wang, Chang Wang, Senlin Xie and Haoyue Lin	Muhammad Suhail Shaikh
09:10 am	64	Secure Data Hiding and Transmission Utilizing Multi-Layered Cryptographic and Steganographic Techniques With High Capacity	Murad Njoum, Rossilawati Sulaiman, Zarina Shukur and Faizan Qamar	Murad Njoum
09:20 am	69	Humaira Helen, Md. Uzzal Mia, Mohammad Kamrul Hasan, Tan Siok Yee, Rinku Islam, Md. Sarwar Hosain and Md. Omar Faruk	Real-Time Facial Expression Detection Using YOLOv12 Architecture	Humaira Helen
09:30 am	70	Enhancing Robustness and Accuracy of Bone-Conducted Speech Emotion Recognition via Transformer Models	Md. Rifat Hossen, Khairul Azmi Abu Bakar, Mohammad Kamrul Hasan, Md. Uzzal Mia, Md. Najmul Hossain and Md. Sarwar Hosain	Md. Uzzal Mia
09:40 am	103	Modeling of Novel Ensemble Learning Method for Emergency Intelligent Transportation System Tracking and Mobility Management	Prabha R, Aruna M G and Nurhizam Safie Mohd Satar	Prabha R
09:50 am	214	Modeling and Analysis of Compensator for Power Quality Improvement in Low-Voltage Industrial Load	Maman Rukmana, Philip Nathanael Erlangga Sitorus, Wakhyu Dwiono and Tri Desmana Rachmildha	Maman Rukmana
10:00 am	235	Egbunu Ojochogwu, Fadhilah Rosdi, Mohammed Faizul Nasrudin and Abdul Hadi Abd Rahman	Enhancing Naturalness in Text-to-Speech Synthesis: Optimizing TD-PSOLA with Hybrid Pitch Detection and Cross-Fade Technique	Egbunu Ojochogwu
10.10 am	251	Adversarial Interception of Deepfake Videos Using Quantum Neural Networks for Robust Social Media Content Monitoring	Falah Amer Abdulazeez, Mohammad Kamrul Hasan, Siti Norul Huda Sheikh Abdullah	Falah Amer Abdulazeez

Time	Paper ID	Title	Authors	Presenter
10:20 am	266	Knowledge Distillation with Genetic Architecture Search for Tiny IoT Devices	Sara Ghorab, Meziani Lila and Rubin Stuart Harvey	Sara Ghorab
10:30 am	299	An Integrated Framework for Enhancing Banking Software Performance, Security, and User Experience: A Case Study of Bank of China	Lulu Jia and Azana Hafizah Mohd Aman	Lulu Jia
10:40 am	389	YOLO-LSTM Enabled Sleeping Disorder Monitoring System	Yicheng Liu and Mohammad Kamrul Hasan	Yicheng Liu
12:00 pm	Lunch and Prayer Break			

Workshop Session

Workshop
Transforming Learning & Work with AI
 by Ts. Dr. Mohd Nor Akmal Khalid, UKM, Malaysia
 Venue: Taj Mahal, Level 1, Pullman Kuching

Sessions Overview:

Session	Title	Focus
1	Problem-Solving in Learning / Work Environment	Approaches to identify and address real-world issues using AI tools.
2	Developing Your Unique Problem Rubric	Techniques to build frameworks for evaluating learning or work challenges.
3	Infusing AI into Learning / Working Environment	Practical integration of AI tools and automation in daily tasks.
4	Moving Forward in Learning / Working with AI	Long-term strategies and skill adaptation for AI-driven environments.

09:00 am-12:00pm

10.15 am - 10:45 am

Break

12:00 pm

Conference Adjourns

1:00-2:00 pm

Lunch

Video Presentation Session

(131 papers)

Day 1: Video Presentation Session 1- (50 papers)

 **Thursday, 13 November 2025 (2:00 PM – 5:00 PM)**

 **Track name:** Recorded Video Presentation Session

S.No	Paper ID	Title	Authors
1.	126	The Role Artificial Intelligence Applications in Detecting Workplace Bullying and Deviant Behavior: A Study of Private Hospitals in Anbar City	Fatima Amer Abbas, Abdulsalam Ali Hussein, Saeed Aldulaimi, Marwan Abdeldayem
2.	128	Fostering Reflective Thinking through AI-Driven E-Learning Platforms: Evidence from Mathematics Education in The Higher Education	Haider Abdulkareem Alzuhiry, Marwa Salah Yahya Alrawi, Saeed Aldulaimi, Majid Lateef Abdulrazaq, Sabreen Ali Hussein, Marwan Abdeldayem
3.	130	Enhancing Digital Strategic Performance in Higher Education through AI-Enabled Strategic Capabilities	Saeed Aldulaimi, Khamees Naser Mohammed, Basma Muhammed Khalaf, Marwan Abdeldayem
4.	207	AI-Driven Intrusion Detection Systems: Leveraging Machine Learning for Real-Time Threat Mitigation	Taher M. Ghazal
5.	208	Securing the Internet of Things: Frameworks for Vulnerability Assessment and Autonomous Device Protection	Taher M. Ghazal
6.	209	Quantum-Resistant Cryptographic Algorithms: Safeguarding Data Integrity in the Post-Quantum Era	Taher M. Ghazal
7.	211	The Psychological Impact of AI Adoption in Higher Education: Technology Anxiety and Paranoid Thinking among University Faculties	Saeed Aldulaimi, Muhammad Majid Taha Al-Ani, Ibrahim Hamad Shabeeb, Majid Lateef Abdulrazaq, Marwan Abdeldayem, Ahmed Basil Ahmed Suwaidan
8.	212	Artificial Intelligence Application to Examine the Internationalization of the Dollar–Yuan in the Context of US–China Economic Competition	Saeed Aldulaimi, Mohanad Hameed Mhaidi, Ahmed A’Rak Naif, Zeyad Khalaf Ismail, Soraqa Ahmed Jumaah
9.	244	A Swarm Intelligence-Driven Framework for Detecting Insider Trading in Stock Markets	Ahmed T. Sadiq, Dena Kadhim Muhsen, Amjed Abbas Ahmed, Azhaar Abd-Alhussan Shalal, Zainab Mohammed Hussein, Layla Safwat Jamil
10.	245	Differential Privacy-Preserving Risk Analysis in Financial Institutions Using Reinforcement Learning	Fatima S. Hussian, Falah Amer Abdulazeez, Bareq M. Khudhair, Bushra Saadoon Mohammed Alnoori, Riyadh Hassoon Jabbar, Amjed Sahib Noori Alshami
11.	246	Game-Theoretic Modeling of Cybersecurity Insurance Pricing in Global Financial Markets	Amjed Abbas Ahmed, Fatima S. Hussian, Dena Kadhim Muhsen, Ahmed T. Sadiq, Sura Mazin Ali, Yasir Mahmood Younus
12.	248	Zero-Knowledge Proof-Based Authentication for Secure Digital Wallet Transactions in Decentralized Finance	Bareq M. Khudhair, Karrar M. Khudhair, Jasim Gshayyish Zwaid, Falah Amer Abdulazeez, Ziad Najim Abed, Riyadh Hassoon Jabbar
13.	249	Feature Selection for Large-Scale E-Commerce Fraud Detection Using Recursive Feature Elimination and Big Data Analytics	Riyad Hassoon Jabbar, Bareq M. Khudhair, Jasim Gshayyish Zwaid, Ziad Najim Abed, Karrar M. Khudhair, Falah Amer Abdulazeez

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14.	250	Metaheuristic-based Secure Forecasting of Cryptocurrency Volatility in Adversarial Environments	Ahmed T. Sadiq, Dena Kadhim Muhsen, Amjed Abbas Ahmed, Saif Aamer Fadhil, Sura Mazin Ali, Ali Hamzah Najim
15.	252	Post-Quantum Key Exchange in IoT-Blockchain Hybrid Infrastructures Using NTRUEncrypt Algorithm	Jasim Gshayyish Zwait, Fatima S. Hussian, Bareq M. Khudhair, Bushra Saadoon Mohammed Alnoori, Layla Safwat Jamil, Falah Amer Abdulazeez
16.	253	Chaos-Enhanced Encryption for Secure Financial Data Transmission in Smart Banking Infrastructures	Ziad Najim Abed, Sura Mazin Ali, Layla Safwat Jamil, Asma Ibrahim Hussein, Zainab Mohammed Hussein, Amjed Abbas Ahmed
17.	254	Secure Transmission Path Optimization in UAV Mesh Networks Using Reinforcement Learning Techniques	Mustafa M. Abd Zaid, Jasim Gshayyish Zwait, Ahmed Mazin Jalal, Azhaar Abd-Alhussan Shalal, Bushra Saadoon Mohammed Alnoori, Falah Amer Abdulazeez
18.	255	Anomaly Detection in Digital Payment Systems Using Attention-Based Recurrent Neural Networks	Mustafa Hussein Hasan, Mustafa M. Abd Zaid, Ziad Najim Abed, Zainab Mohammed Hussein, Ali Abbas Hadi, Ali Hamzah Najim
19.	256	Secure Personal Finance Management Using Fuzzy Logic and Biometric Multi-Factor Authentication	Mustafa Hussein Hasan Hasan, Mujtaba Zuhair Al-Amshaw, Zainab Mohammed Hussein, Ziad Najim Abed, Ali Abbas Hadi, Fatima S. Hussian
20.	257	AI-Enhanced Anti-Money Laundering System Using Self-Supervised Graph Learning Models	Ahmed Mazin Jalal, Karrar M. Khudhair, Mustafa Hussein Hasan, Zainab Mohammed Hussein, Ali Abbas Hadi, Ali Hamzah Najim
21.	258	A Hybrid Deep Learning and Elliptic Curve Cryptography Scheme for Real-Time Financial Transaction Security	Azhaar A. Shalal, Amjed Sahib Noori Alshami, Layla Safwat Jamil, Saif Aamer Fadhil, Ahmed Mazin Jalal, Karrar Abbas Yousif
22.	259	AI-Powered Credit Card Fraud Detection Using Optimized Convolutional Neural Networks and Synthetic Data Augmentation	Ahmed Mazin Jalal, Amjed Sahib Noori Alshami, Azhaar A. Shala, Bushra Saadoon Mohammed Alnoori, Layla Safwat Jamil, Mohammed Ridha Abbas Yousif Yousif
23.	260	Blockchain-Integrated Genetic Algorithm for Secure Asset Allocation in Robo-Advisory Systems	Amjed Sahib Noori Alshami, Ahmed Mazin Jalal, Azhaar A. Shalal, Layla Safwat Jamil, Saif Aamer Fadhil, Mohammed Ridha Abbas Yousif
24.	261	Privacy-Preserving Federated Clustering for Financial Data Analytics in Cloud Environments	Amjed Sahib Noori Alshami, Sura Mazin Ali, Ahmed T. Sadiq, Dena Kadhim Muhsen, Saif Aamer Fadhil, Odai Amer Hamid
25.	262	Explainable Machine Learning for Trust-Based Risk Prediction in Decentralized Financial Networks	Riyad Hassoon Jabbar, Mustafa Hussein Hasan, Ahmed T. Sadiq, Dena Kadhim Muhsen, Sura Mazin Ali, Odai Amer Hamid
26.	263	Spiking Neural Networks for Real-Time Threat Detection	Zainab Mohammed Hussein, Sura Mazin Ali, Ahmed T. Sadiq, Dena Kadhim Muhsen, Yasir Mahmood Younus, Saif Aamer Fadhil
27.	264	Behavioral Biometrics-Based Intrusion Detection in Online Banking Using LSTM Networks	Riyad Hassoon Jabbar, Karrar M. Khudhair, Mustafa Hussein Hasan, Dena Kadhim Muhsen, Abbas Fadhil Kream, Ali Hamzah Najim

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28.	270	IoT Applications in Agriculture for Improving Food Quality and Safety	Shubhansh Bansal, Udita Goyal, K.S. Bhuvaneshwari, Gourav Sood, D. Anandhasilambarasan and Roopa Traisa
29.	271	Enhancing Wireless Connectivity Networks through Intruder Jamming Detection and Localization with Advanced Techniques	Saumya Goyal, Mohit Gupta, K.S. Bhuvaneshwari, Pavas Saini, K. Yuvaraj and Babitha B.S..
30.	272	Machine Learning's Impact on Advancing Gastrointestinal Diagnosis and Therapeutic Approaches	Anvesha Garg, Sumeet Kaur, G. Arun Francis, Noopur Pandey, M. Kulandhaivel and Shruthi K Bekal
31.	273	The Role of Advanced Algorithms in Creating Synergy for the Future of Work	Vivek Saraswat, Neelesh Singh, G. Arun Francis, Diksha Aggarwal, N. Thangarasu and Baishakhi Debnath
32.	274	Leveraging Big Data Analytics and Quality Data for Effective Misinformation Detection	Divya Sharma, Shuthanshu Marwaha, G. Premananthan, Udita Goyal, N. V. Balaji and Mithun Kumar S
33.	275	Optimizing Insulation Longevity with Advanced Characterization of Composite Insulation Layers	Arpit Arora, Shikhar Gupta, P. Karthigaikumar, Anisha Chaudhary, G. Ravivarman and Jamuna K V
34.	276	Assessing the Competency and Performance of Material Types in Electrical Treeing Experiments	B. Reddy, Deepak Bhanot, P. Jeevananthan, Anvesha Garg, V.J. Vijayalakshmi and Yashoda L
35.	277	The Growing Influence of Machine Learning in Medical Sciences and Its Effect on Healthcare Professionals	Amritpal Sidhu, Anatha Charan Ojha, Rajeev Sharma, M Kulanthaivel, G Premananthan and R Thanga Kumar
36.	278	Analyzing Partial Discharge Features in LDPE Nanostructure Materials for Insights into Electrical Treeing	Aseem Aneja, Avni Garg, Anujhna B, A. Amudha, C. Mukuntharaj and Richa Tiwari
37.	279	Improving Electrical Machine Performance with the Power of Linear Regression Predictors	B Jayaprakash, Abhinav Rathour, G. Arun Francis, Gourav Sood, G. Ravivarman and N. Beemkumar
38.	280	Power Systems for RF Systems on Domestic Routes and an Overview of Current Status and Policy Changes	Ca Priti Sharma, Mohit Gupta, C. Karthikeyan, Sumeet Singh Sarpal, S. Hemelatha and Gopalakrishna K
39.	281	The Impact of Predictive Robotics on the Labor Economy through the Lens of Artificial Intelligence	Sachin Ghai, Sunila Choudhary, C. Mukuntharaj, Mithhil Arora, A. Amudha and Ramachandran T
40.	282	Enhancing Electrical Performance in Cold Temperatures Using Modified Grading Rings for EHV Post-Insulation	Ruchira Rawat, Divya Sharma, G. Arun Francis, Anubhav Bhalla, V.J. Vijayalakshmi and Nagaraj Patil
41.	283	Exploring the Electromagnetic Characteristics of Polyimide/TiO2 Hybrid Films and Their Interface-Dependent Behavior	Roohi Naaz, Ravi Kumar, M.S. Gowtham, Lalit Khanna, R. Kumar and Ranganathaswamy M K

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42.	284	Leveraging IoT and Machine Learning for Efficient Predictive Maintenance in Industrial Systems	Pina Bhatt, Bharathi B, V Muthu Ganesh, R Suchithra, Satya Ranjan Das and Adarsha Harinaiha
43.	285	Strategic Implementation of Artificial Intelligence in Talent Management: Ethical Considerations and Data-Driven Approaches for Employee Engagement	Shruti Shrivastava, Ramachandran Thulasiram, Shweta Saxena, Arun Khatri, Mary Posonia A and Wanda Gema Prasadio Akbar Hidayat
44.	286	Enhancing Personalized Marketing with Artificial Intelligence for Superior Consumer Targeting and Growth	Amit Kumar Bhanja, Shailee L Choudhary, Swaroop Mohanty, Shweta Saxena, Rinku Sharma Dixit and Saptorshi Das
45.	287	Leveraging Blockchain for Enhanced Security and Transparency in Record Keeping	B. Ashwini, Ramkumar Krishnamoorthy, Ramya G Franklin, Arun Khatri, Sheetal and Suman Sau
46.	288	Exploring the Impact of Artificial Intelligence on Strategic Decision-Making	Amit Kumar Bhanja, Durga Sivashankar, Tanu Marwah, Vikash Kumar Singh, Sonal Pundhir and A. Jagdish Mohan Rao
47.	289	Optimizing Operations Management through Machine Learning Applications	J. Anitha D Souza, J. Rani, Satish Choudhury, Bhupendra Singh, V.S. Vijaya Krishna V and V. Pushparajesh
48.	290	Optimizing Predictive Maintenance in the Energy Sector with Machine Learning for Cost Savings and Equipment Reliability	Gayatri Nayak, N. Raghu, Dhanasingh B Rathod, H.S. Annapurna, T. Sasikala and Savita
49.	291	Blockchain Applications for Enhancing Security and Transparency in Intellectual Property Management	Divyanshi Rajvanshi, Kalyandurg Rafeeq Ahmed, A. Pravin, Abhilash Pati, Adarsha Harinaiha and J. Jesupriya
50.	292	Advancing Augmented Reality in Leisure and Gaming with 5G Technology	Trapti Agarwal, G. Sridhar, Beemkumar Nagappan, Bichitrananda Patra, V. Vijaya Baskar and Ajit Kumar

Day 2: Video Presentation Session 2- (50 papers)

 **Friday, 14 November 2025 (9:00 AM – 12:00 PM)**

 **Track name:** Recorded Video Presentation Session

S.No	Paper ID	Title	Authors
51.	293	Enhancing Fairness and Transparency in Electronic Voting with Blockchain-Based Identity Management	A. Senthil Kumar, Honganur Raju Manjunath, Ch. Mohan Sai Kumar, Kaberi Das, G. Sundari and Amit Sharma
52.	294	Implementing Blockchain-Based Secure Payment Systems in Electronic Government Services	Anukampa Behera, M. Kavitha, V. Nirmalrani, K. Suneetha, T. Manikandan and Kusum Lata
53.	298	Transformer-Augmented Encoding for Identifying Pediatric Pneumonia Patterns Using Radiographic Chest Imagery	Karthi Vivekanandan, Mohana M, Sagaya Mary S, Jeevitha Sakkarai, Rachel Nallathamby and Manjunathan Alagarsamy
54.	300	Federated Representation Adaptation for Harmonizing Cross-Border Healthcare Records Under Privacy Constraints	Selva Banu Priya T, Venkataraman N L, Palraj Karuppasamy, Menaka S, Senthil Mahesh P C, Manjunathan Alagarsamy
55.	301	Topological Deep Learning for Recognizing Manufacturing Defects in High-Precision Semiconductor Fabrication Lines	Vishnuraja Palanisamy, Kokulavani K, Jeevitha Sakkarai, Radhika K, Maria Kalavathy Gnanamani, Manjunathan Alagarsamy
56.	302	Quantum-Resistant Hashing for Protecting Genomic Privacy within Decentralized Biomedical Data Ecosystems	Sumithra Subramanian, Malarvizhi C, Nadhiya S, Siva K P, Parimala Gandhi Ayyavu and Manjunathan Alagarsamy
57.	304	AI-Enhanced Cultural Data Analytics in EFL Education: Ethical and Societal Implications for Smart City and Rural Schools in Uzbekistan	Nargiza Shaumarova Shorustam Qizi, Sharustam Shamusarov Giyasovich, Hariharan N Krishnasamy
58.	305	AI-Driven NLP and Blockchain-Enabled Linguistic Analytics: Integrative Approaches for Fair, Transparent Literary Translation of George Orwell's Works	Sodikova Dinora Ilhom Qizi, Sodikova Sabohat Ilhom Qizi, Nasriddinov Dilshod Azamkulovich, Zakhidova Guzal Elbekovna, Khalikova Dildora Normurodovna, Abdullayeva Markhabo Raxmonkulovna
59.	306	AI-Driven Personalized Learning Ecosystem for Smart Universities Using Cognitive and Context Aware Techniques with Personalized Learning Adaptation Algorithm	M. Mohammed Jalaluddin, Haja Alaudeen A
60.	307	Computational Intelligence Approaches for AI-Powered Education and Language Accessibility in Smart Learning Systems	Dilshoda Kakhramonovna Maksudova, Tursunova Nargiza Xamrakulovna, Gaipova Shakhnoza Makhmudovna, Oripova Nargiza Vosiqjon Qizi, Dilfuza Abduganiyevna Akramxodjayeva, Okhunov Mukhammadyusuf
61.	308	Relational Graph Completion for Discovering Drug Interactions across Pharmacological Knowledge Databases	Purushothaman Ramaiah, Balaji V S, Kayalvizhi S, Dinesh Kumar P, Alima Beevi Azizur Rahuman, Manjunathan Alagarsamy
62.	309	Hybrid Grey Wolf Optimizer–CNN Model for High-Resolution Remote Sensing Image Classification	Ahmed Tareq Sadiq, Ahmed A. Elngar, Ahmed Hammad, Shuxrat Boymuradov, Arasuraja Ganesan, Sowmiya S
63.	310	Genetic Algorithm–Based Hyperparameter Tuning for Transformer Models in Biomedical Text Mining	Khaled Shaalan, Azza Mohamed, Mohamed Elsersty, Rustam Turakulv, Prabakaran Paranthaman, Tedi Sheron U

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64.	311	Particle Swarm Optimization for Feature Selection in IoT Sensor Anomaly Detection	Taher M. Ghazal, Amjed Abbas Ahmed, Amer Ibrahim, Feruza Azizova, Aruna V, Jana M
65.	312	Colony Optimization for Multi-Objective Urban Traffic Light Scheduling	Israa Shihabahmed, Rasha Almajed, Marif Karimov, Karpagham C, S Sam Jebakumar
66.	313	Neuro-Symbolic Sequencing for Automating Financial Contract Assessment During International Trade Negotiations	Sunita Dhote, Rupesh Pais, Reshma Pais, Rajas Dhote
67.	314	YOLOv8-Based Real-Time Pedestrian Detection for Autonomous Public Transport Systems	Ahmed Tareq Sadiq, Rasha Almajed, Feruza Azizova, Karunakaran S, Sujeetha A
68.	315	Quantum-Enhanced Approximation for Accelerating Protein Folding Dynamics in Molecular Biology Research	Sunita Dhote, Purushottam Shobhane, Priti Golar, Satyajit Uparkar, Rajas Dhote
69.	316	Hyperbolic Graph Attention for Linking Cross-Language News Articles Across Global Outlets	Sunita Dhote, Pravin Karmore, Swapnili Karmore, Rajas Dhote
70.	317	BERT with Knowledge Distillation for Low-Latency Multilingual Chatbots in Smart Cities	Khaled Shaalan, Azza Mohamed, Aya M. Al-Zoghby, Ziyoda Muminova, Raimova Malokhatkhon, Lavanya M
71.	318	Blockchain-Enabled Access Control Using Practical Byzantine Fault Tolerance for Healthcare IoT	Abdallah Altrad, Ammar Yaser Almansour, Bashar Yaser Almansour, Djakhangir Tursunov, Buzrukova Kamilla, R. Rogith
72.	319	Random Forest-Based Intrusion Detection for Zero-Day Attack Mitigation in Industrial Control Systems	Abdallah Altrad, Hani Q. R. Al-Zoubi, Mahmoud Mahfuri, Dilbar Najmutdinova, Aakansha Soy, Sanjay K
73.	320	ARIMA-LSTM Hybrid for Predictive Energy Demand Forecasting in Smart Grids	Israa Shihab Ahmed, Sameh Ghwanmeh, Bashar Yaser Almansour, Khilola Mirakhmedova, Nidhi Mishra, Hema Priya S
74.	321	XGBoost with Time Series Embeddings for Stock Price Movement Prediction	Ismaeel Abdel Qader, Faruq Al-Omari, Saed Adnan Mustafa, Maktuba Mirrakhimova, Nidhi Mishra, Parvathy P V
75.	322	Deep Reinforcement Learning-Based Autonomous Navigation for Planetary Rovers in Unknown Terrains	Darin Shafek, Aghiad Khedr Suleiman, Ravshan Usmanov, Manish Nandy, Manoj Kumar M
76.	324	Deep Q-Learning for Dynamic Resource Allocation in Cloud Computing Environments	Saed Adnan Mustafa, Atef Alkhawaldah, Muna Al Mkhaini, Turdikul Bobamuratov, Priya Sethuraman, Criffin P Dickson
77.	325	U-Net with Residual Attention for Automated Road Damage Detection	Israa Shihab Ahmed, Mahmoud Mahfuri, Faruq Al-Omari, Abror Khamraev, Nodir Khodjaev, Hariharan Ks
78.	326	Vision Transformer (ViT) for Satellite-Based Smart City Land Use Classification	Ahmed A. Elngar, Nowf O. Maaitah, Ahmed Hammad, Akmal Irrnazarov, Altmisheva Yorkinoy, Anthony Raja Surya M
79.	327	Seq2Seq with Attention for Real-Time Emergency Communication Translation in Disaster Zones	Khaled Shaalan, Azza Mohamed, Suha Khalil Assayed, Sarvar Aliev, Karabayeva Aziza, Shrinidhi G

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80.	328	Federated Learning with Secure Aggregation for Distributed Malware Detection in IoT Networks	Taher M. Ghazal, Amer Ibrahim, Amjed Abbas Ahmed, Feruza Salomova, Khoshimova Madinabonu, Kavitha J
81.	329	Support Vector Machine with SMOTE for Imbalanced Phishing Website Detection	Abdallah Altrad, Darin Shafek, Rasha Almajed, Ilkhom Otajonov, Shakhriyor Kholbayev, Alen Roy A R
82.	330	Graph Neural Networks for Insider Threat Detection in Corporate Networks	Taher M. Ghazal, Amjed Abbas Ahmed, Amer Ibrahim, Farhad Akilov, Dilmurod Nasimov, Samyuktha M
83.	331	Reinforcement Learning–Driven Adaptive Traffic Signal Control in Metropolitan Areas	Nidal A. Al-Dmour, Nowf O. Maaitah, Aghiad Khedr Suleiman, Laziz Tuychiev, Ashu Nayak, Keerthika S
84.	332	K-Means Clustering with GIS Integration for Optimal Placement of Electric Vehicle Charging Stations	Nidal A. Al-Dmour, Nowf O. Maaitah, Sameh Ghwanmeh, Dildora Nabieva, Priya Vij, Ebenezer D
85.	333	Edge Computing–Enabled Deep CNN for Real-Time Video Analytics in Drone-Based Surveillance	Ahmed Tareq Sadiq, Faruq Al-Omari, Mahmoud Mahfuri, Khalmurad Akhmedov, Manish Nandy, Chandramoulieswaran V
86.	334	LSTM Autoencoder for Predictive Maintenance in Industrial Cyber-Physical Systems	Aghiad Khedr Suleiman, Ahmed Hammad, Ahmed A. Elngar, Nargiza Nurillaeva, Debarghya Biswas, Aldrin Snowson P
87.	335	Explainable Gradient Boosting Models for Fair Loan Approval Decisions	Ismaeel Abdel Qader, Saed Adnan Mustafa, Sameh Ghwanmeh, Abdigaffor Gadaev, Aakansha Soy, Hari Ganesh S
88.	336	SHAP-Integrated Decision Trees for Transparent AI in Public Safety Applications	Ismaeel Abdel Qader, Darin Shafek, Umida Tashkenbaeva, Ashu Nayak, S. V. Yogeshwaran
89.	337	LightGBM for Customer Churn Prediction in Subscription-Based Services	Abdullah Elkhoudary, Ammar Yaser Almansour, Bashar Yaser Almansour, Ilhamdjan Karimdjanov, Priya Vij, Elakiya V
90.	338	Graphene-Inspired Neural Mapping for Anticipating Seismic Shifts Across Continental Fault Zones	Roberto Acevedo, Araceli Rodriguez
91.	339	Diffusion-Driven Framework for Reconstructing Archaeological Artifacts from Fragmented Historical Remnants	Roberto Acevedo, Matias Pávez
92.	340	Contrastive Fusion Network for Interpreting Multimodal Emotional Cues within Interactive Theatre Performances	Roberto Acevedo, Diego Onetto
93.	341	Generative Vision Paradigm for Reanimating Extinct Species Illustrations Through Paleontological Museum Archives	Roberto Acevedo, Tamara Roblero
94.	342	Attention-Oriented Pathfinding for Coordinating Autonomous Maritime Fleets Across Polar Shipping Routes	Roberto Acevedo, Laura Spinelli
95.	343	Capsule-Based Modeling for Forecasting Renewable Hydroelectric Output in Mountainous River Basin Regions	Venkatesh R, Marimuthu S, Nandhakumar A, Jayanthi M G, Senthil Kumar Vishnu, Sathiyamurthy S

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96.	344	Transformer-Diffusion Hybrid for Enhancing Digital Twin Precision in Aerospace Structural Maintenance	Venkatesh R, Nandhakumar A, Marimuthu S, Yashashwini S, Senthil Kumar Vishnu, Sathiyamurthy S
97.	345	Biologically Inspired Oscillatory Computing for Classifying Soil Nutrient Variations Across Agricultural Landscapes	Venkatesh R, Jeevakarunya C, Ramya S. R., Jayashree N, Amuthasurabi M, Senthil Kumar Vishnu
98.	346	Integrated Disaster Warning System for Multi-Hazard Management	Karthikeyan N, Anupraba P. C., Basker Ke, Haripriya I, Jawagar S
99.	347	Analysis of Navalur (Thazhambur) Agricultural Land with Forecasts for Future Soil Conditions and Crop Recommendations	Prince Prasanna Kumar Rk, Yogesh P, Jaraline Kirubavathy K
100.	348	Optimizing Honeypot Mobility: A Hybrid ML Approach for Advanced DDoS Protection	C. Navaneetha, Kathirvel A

Day 2: Video Presentation Session 3- (31 papers)

 **Friday, 14 November 2025 (2:00 PM – 5:00 PM)**

 **Track name:** Recorded Video Presentation Session

S.No	Paper ID	Title	Authors
101.	349	Self-Supervised Embedding for Classifying Ancient Manuscripts Across Multilingual Historical Library Collections	Gopal K, Chandraprakash R, Marimuthu S, Indumathi G, Nageswaran M, Srinivasan R
102.	350	Machine Learning-Based Inflation Forecasting System for Macroeconomic Analysis	Grandhi Sai Guptha, Kumuda Sreenivasa, Pranav Pailkar, G. V. Radhakrishnan, Pushparaj Kulkarni, Partha Kumar Dey
103.	351	Select and Locate the Hollow Blocks	P. Vidhyalakshmi, K. P. Sasikumar, K. Prabhu, S. Thiyanesh, P. Sowmiya, G. Ravishankar
104.	352	A Balanced Evolutionary Algorithm for Reliability and Sustainability Trade-Offs in Hybrid Renewable Systems	Minu Mary Joy, H. Vennila
105.	353	Blockchain-Integrated Overhead-Aware Optimization of Post-Quantum Digital Signature Protocols	K. Thenmozhi, R. Sabin Begum
106.	354	Driver Alert System: Sending Alert Messages upon Speed Control, Alcohol Detection and Object Detection Using IoT and Arduino	Sakhinetipalli Ravali, Raavi Hemalatha
107.	355	Parameter-Optimized WOA-CNN-Bi-LSTM Model for Improved CT Image Segmentation and Classification	M. Sathya Sundaram, S. Karthick, P. Thiyagarajan
108.	356	Spiking Cortical Architecture for Monitoring Wildlife Migration Trajectories via Aerial Imaging Sensors	Gopal K, Nandhakumar A, Daniel Das A, Cyril Prasanna Raj, Amuthasurabi M, Thirugnanasambandham T
109.	357	Reinforcement-Guided Navigation for Optimizing Drone Delivery Routes Through Dense Urban Environments	Gopal K, Jeevakarunya C, Daniel Das A, Shivapanchakshari T G, Nageswaran M, Murali M
110.	358	Multi-Agent Coordination Using Evolutionary Heuristics for Managing Shared Electric Vehicle Charging Infrastructure	Chinnayan R. V, Meera C, Marimuthu S, Varalatchoumy M, Gobu R, Sathiyamurthy S
111.	359	Knowledge-Grounded Dialogue Models for Supporting Patient Counseling During Chronic Disease Management	Chinnayan R. V, Nandhakumar A, Meera C, Geetha R, Gobu R, Sathiyamurthy S
112.	360	Fire Detection and Extinguishing System Using CNN	Ramprasath S, Rahul Sanjai R, Arunpandian M, Sivaprasath, Gopinath C
113.	361	Comparison Between LSTM and Bi-LSTM for Wind Speed Forecasting	B. Senthil Kumar, K. Kishore, S. Bharathwaj, S. Jayasruthi
114.	362	Optimising Surgical Instrument Recognition Using Advanced Object Detection Algorithm	A. Bhavana Rajaputana, Harika Mahalakshmi S, G. Maria Kalavathy
115.	363	AI-Based Detection and Classification of Periapical Lesions in CBCT and Periapical Radiographs Using Deep Learning	Tejal Gowda, Ravi Ranjan Sinha, Niladri Maiti, Swagat Panda, Priyanka Das, Siddhartha Das
116.	364	Battery Ageing Prediction in Electric Vehicles Using Hybrid AI Model	Retineni Rohan, Shishir Kathi, Venkata Siva Rao Alapati

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117.	365	Optimizing Hybrid Renewable Energy Systems Under Uncertainty Using Robust Evolutionary Multi-Objective Algorithms	Munna Basil Mathai, V. A. Tibbie Pon Symon
118.	366	Implementation of RSA Algorithm Using FPGA and Analysis of Post Quantum Cryptography	Keith Raymond Fernandes, Dayakshini Sathish, Shreyas S, Varun Kamath, Sinchana S, Sanjana
119.	367	Deep Learning Based Multi-Model Assistive Learning System for Hearing and Visually Impaired Students	Senthil Kumari P, Gokila K, Akalya A
120.	368	Cognitive Computing-Based Financial Risk Assessment Framework for Banking	Sonali S. Shrotri, Pratyay Das, Archana Kumari, Indrajeet Singh, Bhavna Agrawal, Vimal D. Deokar
121.	369	Neural Radiance Field Reconstruction for Preserving Cultural Heritage Sites Through Immersive Virtual Experiences	Gowtham Raj R, Raj Kumar P, Daniel Das A, Girish H, Vijayavardhana C, Rathinavelu V
122.	370	Swarm-Driven Metaheuristics for Scheduling Satellite Constellations in Low-Earth Orbital Communication Networks	Gowtham Raj R, Jeevakarunya C, Meera C, Bharani B. R, Santhosh V, Rathinavelu V
123.	371	Dominating Sets and Influence Measures in Co-Authorship Graphs	Anitha M, Yegnanarayanan Venkataraman
124.	372	Stock Market Trend Prediction Using Long Short-Term Memory (LSTM) Networks for Business Investment Strategies	N. Venkatesan, S. S. J. Onyx Nathanael Nirmal Ra, D. Paul Dhinakaran, M. Suresh, P. Ashok Kumar, M. Rajalakshmi
125.	373	Multi-Objective Optimal Planning of DG and FACTS in Radial Distribution Systems via Arithmetic Optimization Algorithm	Shridevi Akkewar, Rajendra Dhattrak
126.	374	Optimizing IoV Cloud Trust with Adaptive Blockchain and Reinforcement Learning	Francis Shamili S, Gopi R
127.	377	Deep Reinforcement Policy for Coordinating Cooperative Autonomous Vehicles at Highway Intersection Merges	Tanvi Mittal, Raunaq Malik, Siva Sai Krishna Suryadevara, Reshma Thakkallapelly, Bala Krishna Rao Guntupalli
128.	378	Adversarial Robustness Mechanism for Safeguarding Biometric Verification Across Mobile Financial Applications	Mohon Raihan, Muhammad Adnan, Md Jubayar Hossain, Kazi Bushra Siddiq, Farhana Karim, Sraboni Clara Mohonta, Udoy Sankar Saha
129.	379	Continual Learning Pipelines for Detecting Insider Threats Across Corporate Cybersecurity Infrastructures	Norun Nabi, Md Kazi Tuhin, Monjira Bashir, Khadeza Yesmin Lucky, Mohon Raihan, Hasan Imam, Md Talha Bin Ansar
130.	382	Cyber Security Challenges in Student Digital Learning Platforms	Ambika S, Abirami K
131.	385	Trust-Aware Federated Learning for Secure Loan Approval in Peer-to-Peer Lending Platforms	Layla Safwat Jamil, Amjed Sahib Noori Alshami, Azhaar A. Shalal, Amjed Abbas Ahmed, Dena Kadhim Muhsen, Karrar Abbas Yousif