6th International Conference on Information Management & Machine Intelligence (ICIMMI 2024)

Hybrid Mode

December 23-24, 2024

Scopus® Indexed Publication

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NAMIBIA UNIVERSITY

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Indian Society for Technical Education
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POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY
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Conference Venue : Poornima Institute of Engineering & Technology, Jaipur

Publication Partners:
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TARU PUBLICATIONS

AICTE IDEA Lab

DAY 1 (Monday, December 23, 2024)

Time Slot	Activity	Keynote, Session Chair & Session Co-Chair	Audience	Venue
9:00 AM - 10:00 AM	Registration	-	All the authors and delegates	Outside Seminar Hall, PIET
10:00AM - 11:15 AM	Inaugural Session	**Dr. Preeti Bajaj** **IEEE Elect Chair, IEEE Region 10** **EX VC (LPU & Galgotia University)** Director General, KIET Group of Institutions, Delhi (Chief Guest)	Common to all	Seminar Hall, PIET
10:00AM - 11:15 AM	Inaugural Session	**Dr. Anubha Manju Kalra** Senior Lecturer, Auckland University of Technology, Auckland, New Zealand (Guest of Honor)	Common to all	Seminar Hall, PIET
11:15AM - 11:30 AM	Keynote Address#1 (along with Inaugural Session)	**Dr. Amit Joshi** Director & Promoter GR. Foundation, Ahmedabad (Special Guest & Keynote Speaker)	Guests and Students	Seminar Hall, PIET
11.30 AM-12.15 PM	Keynote Address#2 (along with Inaugural Session)	**Dr. Pooja Jain** **Assistant Professor, IIT Nagpur** (Keynote Speaker)		Seminar Hall, PIET
12:15 PM - 1:00 PM	Lunch Break	-	Authors, Attendees, Coordinators	Old Canteen, PIET
1:00 AM - 03:30 PM	Keynote Address#3 1:00 PM - 01:30 PM	**Dr. Eva Tuba** Trinity University, San Antonio, United States	Authors, Guest and Students	Sirohi Hall
	Technical Session#1	**Session Chair:** Dr. Yojna Arora **Session Co-Chair:** Dr. Ashima Rani	Authors, Guest and Students	Offline Mode (B31)
	Technical Session#2	**Session Chair:** Dr. Gajanand Sharma **Session Co- Chair:** Ms. Shruti Mathur	Guests and Students	Offline Mode (004-Board Room)
	Keynote Address#4 1:30 PM - 02:00 PM	**Dr. Milan Tuba** Head - Artificial Intelligence Project, Singidunum University & Vice-Rector of Research at Sinergija	Authors, Guest and Students	Sirohi Hall

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DAY 2 (Tuesday, December 24, 2024)				
Time Slot	**Activity**	**Keynote, Session Chair & Session Co-Chair**	**Audience**	**Venue and Link**
09:30 AM – 12:30 PM	Keynote Address#5 09:30 AM - 10:00 AM	**Mr. Gajendra Deshpande** Managing Director EyeSec Cyber Security Solutions Pvt. Ltd.	Guests and Students	Online Mode **https://meet.google.com/hux-pavp-vvc**
	Technical Session#3	**Session Chair:** Dr A Mansurali **Session Co-Chair:** Dr. Manikandan Rajagopal	Authors, Guest and Students	Online Mode **https://meet.google.com/hux-pavp-vvc**
9:30 PM - 12:30 PM	Technical Session#4	**Session Chair:** Dr. T. Poongodi **Session Co-Chair:** Dr. M. Kiruthika	Authors, Guest and Students	Online Mode **https://meet.google.com/ugb-suei-nwe**
12:30 PM-1:00 PM	Lunch Break	-	Authors, Attendees, Coordinators	Old Canteen, PIET
1:00 AM - 3:00 PM	Technical Session#5	**Session Chair:** Dr. Aarti Chugh **Session Co-Chair:** Dr. Ashish Tiwari	Authors, Guest and Students	Online Mode **https://meet.google.com/hwe-bmpa-duk**
1:00 PM - 03:00 PM	Technical Session#6	**Session Chair: Dr.** Dilip Saini **Session Co-Chair: Mr. Manoj Agarwal**	Guests and Students	Online Mode **https://meet.google.com/cke-ucfw-pnu**
2:30 PM - 03:00 PM	Keynote Address#6	**Dr. Katarzyna Wasielewska** Systems Research Institute, Polish Academy of Sciences, Poland	Guests and Students	Online Mode **https://meet.google.com/cke-ucfw-pnu**
3:00 PM – 3:20 PM	Valedictory Session	**Organizing Chair**	Authors, Guest and Students	Online Mode **https://meet.google.com/cke-ucfw-pnu**

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Organized by: Poornima Institute of Engineering and Technology, Jaipur				
Day 1: Date:23.12.2024			**Day: Monday**	
Keynote Address #3			1:00 PM -1:30 PM	
Session 1. Session Chair: Dr. Yojna Arora			1:00 PM -03:30 PM	
Co- Chair: Dr. Ashima Rani			1:00 PM -03:30 PM	
Technical Session-1 (Offline): Title: Cloud and Energy				
Venue: - Offline Mode (B31)				
S.NO	**Paper-ID**	**Title**	**Author**	**Session Time**
1	119	**Real-Time Hand Gesture Recognition and Distance Estimation with Webcam Integration**	Ms. Garima Gupta	1:00 PM -03:30 PM
2	161	**IoT-Based Automation for Solar Energy Optimization in Intelligent Power Networks**	Mr. Indra Kishor	1:00 PM -03:30 PM
3	92	**An Efficient Proposed CryptoTracker model for Bridging Market Insights and Technological Innovation in the Cryptocurrency Ecosystem**	Ms. Jayshree Surolia	1:00 PM -03:30 PM
4	10	**Review on the Load Balancing in Cloud Computing using Particle Swarm Optimization**	Mr. Santosh Gupta	1:00 PM -03:30 PM
5	71	**Security Issues in Healthcare Applications Using Wireless Medical Sensor Networks**	Mr. Pravar gupta	1:00 PM -03:30 PM
6	163	**Optimizing Cold Start Latency in Serverless Computing: A Comprehensive Review of Techniques and Emerging Solutions**	Ms. Shalini Chaudhary	1:00 PM -03:30 PM
7	175	**A Technique for Recognizing Wormhole and Jellyfish Attack in Mobile ad hoc Networks using Direct Trust Based Method**	Ms. Shruti Thapar	1:00 PM -03:30 PM
8	167	**Adaptive Context-Aware Hybrid Fusion (ACAHF) for Multi-Modality Data Integration in Breast Cancer Detection**	Ms. Bersha Kumari	1:00 PM -03:30 PM
9	106	**EXPANDING THE HORIZON: DISTRIBUTED LEDGER TECHNOLOGY AND ITS APPLICATIONS BEYOND CRYPTOCURRENCIES**	Mr. Nikhil Kumar Goyal	1:00 PM -03:30 PM
10	164	**Investigations on Innovation Management in Organizations**	Mr. Rammohan	1:00 PM -03:30 PM
11	170	**Enhancing Cybersecurity with Blockchain: A Decentralized Approach to Securing Digital Infrastructure**	Dr. Sandip Singh Modak	1:00 PM -03:30 PM
12	165	**Challenges and Solutions for Spectrum Sensing in Cognitive Radio-Enabled Autonomous Vehicles**	Dr. Meetu Nag	1:00 PM -03:30 PM
13	171	**Advanced Soldier Tracking System Using Arduino and Sensor Technology**	Dr. Payal Bansal	1:00 PM -03:30 PM
14	178	**The application of artificial intelligence to comprehend the impact of ions on cloud formation and electrification processes.**	Dr. Mukesh Chandra	1:00 PM -03:30 PM

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Organized by: Poornima Institute of Engineering and Technology, Jaipur	
Day 1: Date:23.12.2024	Day: Monday
Keynote Address #4	1:30 PM – 2:00 PM
Session 2. Session Chair: Dr. Gajanand Sharma	1:00 PM - 3:30 PM
Co- Chair: Ms. Shruti Mathur	1:00 PM - 3:30 PM
Technical Session -2 (Offline): Title: AI and Technology	
Venue: -004-Board Room (B-Block)	

S.NO	Paper-ID	Title	Author	SessionTime
1	139	Hydrophobicity Classification of the Surfaces with Water Droplet Simulation Using Deep Learning	Mr. Ganesh Sahadeo Meshram	1:00 PM - 3:30 PM
2	5	An Effective Detection Of Voice Cloning Using Deep Learning	MS. Monika Kumari	1:00 PM - 3:30 PM
3	177	AI-Driven Digital Twins for IoT-Based Smart Environments: Enhancing Predictive Analytics and Real-Time Decision Making	Mr. Abhishek Dadhich	1:00 PM - 3:30 PM
4	176	AI-Enhanced AR/VR Systems for Remote Healthcare for overcoming Real-Time Data Integration and Security Challenges with IoT	Mr. Indra Kishor	1:00 PM - 3:30 PM
5	174	Enhancing Learning in Smart Classrooms: AR, VR, IoT, and Machine Learning for Personalized Education	Dr. Udit Mamodiya	1:00 PM - 3:30 PM
6	172	Advanced Automation in Dual-Axis Solar Tracking Systems: Leveraging IoT and Artificial Intelligence for Efficiency	Mr. Indra Kishor	1:00 PM - 3:30 PM
7	173	AI-Powered Digital Assistant for Face Recognition and Voice-Based Communication in Academic Environments	Mr. Indra Kishor	1:00 PM - 3:30 PM
8	168	Innovative AI Techniques for Solar Energy Systems: Predictive Analytics and Real-Time Optimization	Dr. Udit Mamodiya	1:00 PM - 3:30 PM
9	156	Comprehensive Insights into Cross-Platform Mobile Development Frameworks	Mr. Vivek Saxena	1:00 PM - 3:30 PM
10	162	Enhancing Low-Resolution Text Recognition with Advanced Deep Learning Models	Dr. Madhav Sharma	1:00 PM - 3:30 PM
11	169	Sustainable Vertical Farming: Leveraging Machine Learning and IoT for Energy Efficiency and Productivity	Ms. Shruti Gupta	1:00 PM - 3:30 PM

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Organized by: Poornima Institute of Engineering and Technology, Jaipur	
Day 2: Date:24.12.2024	Day: Thursday
Keynote Address #5	9:30AM-10:00AM
Session 1. Session Chair: Dr A Mansurali	9:30 AM- 12:30 PM
Co- Chair: Dr. Manikandan Rajagopal	9:30 AM- 12:30 PM
Session-3 (Online)	
Session Link: https://meet.google.com/hux-pavp-vvc	

S.NO	Paper-ID	Title	Author	SessionTime
1	8	Diagnosis of cardiac diseases using spectral features and machine learning	Mr. SHASHI KANT TIWARI	9:30 AM- 12:30 PM
2	13	Dive into Business Intelligence and Analytics: A Comprehensive Survey and Research Prospects	Mr. Madhurendra Kumar	9:30 AM- 12:30 PM
3	25	Exploring Deep Learning and Generative AI Techniques in Automatic Text Summarization	Mr. Shivangam Soni	9:30 AM- 12:30 PM
4	26	Comparative Analysis and Future Directions in AI-Based Electric Vehicle Charging Demand Forecasting: A Review	Mr. Shubham chauhan	9:30 AM- 12:30 PM
5	29	Applications of AI Operations in the Management and Decision-Making of Supply Chain Performance	Mr. Latha Narayanan Valli	9:30 AM- 12:30 PM
6	30	Analyzing Coupled and Decoupled Pricing Strategies in the Retail Industries	Ms. Bhavana Sinha	9:30 AM- 12:30 PM
7	31	Call Detail Record Analysis To Mitigate Fraud Detection	Mr. Prathama Sinha	9:30 AM- 12:30 PM
8	38	The Power of AI in Banking 4.0: Enhancing Customer Experience and Operational Efficiency	Dr. Lalita Kumari	9:30 AM- 12:30 PM
9	39	Anaphora Resolution through Salience in Magahi: A Syntactic and Semantic Analysis	Dr. Lalita Kumari	9:30 AM- 12:30 PM
10	56	Integration of Zero-Knowledge proofs (ZK) and Machine Learning to enhance Federated Learning Privacy and Security	Dr B.Subashini	9:30 AM- 12:30 PM
11	57	Crop Recommendation and Plant Disease Identification	Mr. ABHITESH MADHARAM	9:30 AM- 12:30 PM
12	63	A Theoretical Framework for Visual Representation and User Interface Design in Explainable AI for HR Management using Machine Learning Models	Mr. Gopi Krishna D	9:30 AM- 12:30 PM

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Day 2: Date:24.12.2024			Day: Thursday
Keynote Address #5			9:30AM-10:00AM
Session 1. Session Chair: Dr. T. Poongodi			9:30 AM- 12:30 PM
Co- Chair: Dr. M. Kiruthika			9:30 AM- 12:30 PM
Session-4 (Online)			
Session Link: https://meet.google.com/ugb-suei-nwe			

S.NO	Paper-ID	Title	Author	SessionTime
1	64	Leveraging Big Data Analytics for Enhancing Operational Efficiency in IT, Manufacturing, and Supply Chain Sectors.	Dr.V.Harish	9:30 AM- 12:30 PM
2	65	APPLICATION OF DATA ANALYTICS IN IT PROJECT MANAGEMENT: IMPROVING EFFICIENCY, RISK MITIGATION	Dr.V.Harish	9:30 AM- 12:30 PM
3	68	Leveraging Big Data to Analyze Sentiment in MOOC User Comments	Mr. Soundara pandiyan	9:30 AM- 12:30 PM
4	69	Customer Sentiment and Churn Analysis of ASANA Task Management Tool: A Text Mining Approach	Mr. Shara George Vaidian	9:30 AM- 12:30 PM
5	72	Applicant Resume Tracking System - GenAI Agent	Mr. Arokiaraj S	9:30 AM- 12:30 PM
6	75	Smart Spectacles for Facial Emotion Recognition Using CNN for Autism Assistance	Ms. Aarushi Pandit	9:30 AM- 12:30 PM
7	76	Smart Watch using deep learning and IOT for people with dementia	Ms. Vaishnavi Mittal	9:30 AM- 12:30 PM
8	83	Artificial Intelligence in flood prevention for dam induced floods: A Review	Ms. Akanksha Singh	9:30 AM- 12:30 PM
9	85	Multiple disease prediction using ML algorithms	Ms. Poojasri Venigalla	9:30 AM- 12:30 PM
10	87	Air canvas design using Finger Flux Technology.	Mr. Vinit Bharat Gowardhan	9:30 AM- 12:30 PM
11	94	Curriculum-based adaptation of language model for knowledge graph: Handling insufficient and imbalanced data	Ms. Yoga Harshitha Duddukuri	9:30 AM- 12:30 PM
12	97	IMPACT OF INDUSTRY 4.0 ON INDIA'S AUTOMOTIVE SECTOR: AI AND ROBOTICS INTEGRATION	Dr. J. Ashok kumar	9:30 AM- 12:30 PM

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Day 2: Date:24.12.2024	Day: Thursday
Keynote Address #6 and Valedictory	2:30 PM - 3:00 PM
Session 2. Session Chair: Dr. Aarti Chugh	1:00 PM - 3:00 PM
Co- Chair: Dr. Ashish Tiwari	1:00 PM - 3:00 PM
Session-5 (Online) Valedictory at 3:00 PM – 3:30 PM	
Session Link: https://meet.google.com/hwe-bmpa-duk	

S.NO	Paper-ID	Title	Author	Session Time
1	104	Identifying and Enhancing Cyber Resilience of Mobile Networks against Data Exploitation Attacks	Mr. Prakhar Varshney	1:00 PM - 3:00 PM
2	120	Intelligent Document Processing	Mr. Varun kumar potta	1:00 PM - 3:00 PM
3	121	Fusion of Earth Observation Data and Sociodemographic census for prediction of Anxiety using Machine Learning Algorithms – A Case Study	Mr. Prabhakar Gantela	1:00 PM - 3:00 PM
4	122	DDoS Attack Detection Using Genetic Algorithm-Based Feature Selection: A Study based on the CIC-IDS 2017 Dataset	Mr. Aniket Bhardwaj	1:00 PM - 3:00 PM
5	123	IoT-Integrated Intelligent Heart Rate Monitoring and Alert System	Ms. Anmolpreet Kaur	1:00 PM - 3:00 PM
6	127	Comparative Evaluation of Machine Learning for Diabetes Prediction	Mr.Charanjeet Gaba	1:00 PM - 3:00 PM
7	128	A Review on 3-D Reconstruction of CAD Model from Medical Modalities for Bio-Medical Application	Mr. Mahesh Buradkar	1:00 PM - 3:00 PM
8	129	Anomaly Detection in Transactions using Machine Learning: A Comparative Study	Ms. DIVYA TIKOO	1:00 PM - 3:00 PM
9	131	Deep Learning Approach for Detection of Neurodegenerative Diseases: A Review	Mr. Vishnu Kurnala	1:00 PM - 3:00 PM
10	132	Comparative Analysis of Transfer Learning Approaches for Enhanced Osteoarthritis Detection and Diagnostic Accuracy	Mr. A.Sheryl Oliver	1:00 PM - 3:00 PM

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Day 2: Date:24.12.2024			Day: Thursday
Keynote Address #6 and Valedictory			2:30 PM - 3:00 PM
Session 2. Session Chair: Dr. Dilip Saini			1:00 PM - 03:00 PM
Co- Chair: Mr. Manoj Agarwal			1:00 PM - 03:00 PM
Session-6 (Online)			
Session Link: https://meet.google.com/cke-ucfw-pnu			Valedictory at 3:00 PM – 3:30 PM

S.NO	Paper-ID	Title	Author	Session Time
1	133	**Emotional Intelligence (EI) and Brand Personality: Shaping Consumer Behaviour in the Age of Artificial Intelligence (AI)**	Mr. Sakthirama, Vadivelu	1:00 PM - 3:00 PM
2	144	**Non-Invasive way for Diagnosis of Retinopathy of Prematurity using CNN**	Ms. Priyanka Deswal	1:00 PM - 3:00 PM
3	151	**Procure Mate: An ERP System for Procurement and Management of Laboratory**	MS. Janhavi Vijay Jadhav	1:00 PM - 3:00 PM
4	152	**Comprehensive Design and Load Analysis of Free-Standing I-Beam Jib Cranes: A Review**	Mr. Vijay Talodhikar	1:00 PM - 3:00 PM
5	157	**Aspect Based Opinion Mining Toolkit**	Mr. Anuj Sanjay Singh	1:00 PM - 3:00 PM
6	158	**MULTI-MODAL ENERGY PREDICTION FOR A SUSTAINABLE ENERGY FUTURE**	Mr. Yuvraj Pandey	1:00 PM - 3:00 PM
7	159	**Optimization of Support Vector Machine using Firework Algorithm for Breast Cancer Classification**	Mr. Kavish Panchal	1:00 PM - 3:00 PM
8	160	**Automatic Detection of Pediatric Cancer Blood Disorder in Microscopic Blood Images Using Deep Learning Approach**	Dr. PULLA SUJARANI	1:00 PM - 3:00 PM
9	166	**Classification of Retinopathy of Prematurity using Neural Network**	Ms. Priti V. Bhagat	1:00 PM - 3:00 PM
10	146	**Crypto Visualizer: A Tool to Understand Encryption Algorithms**	Dr. Rajendra Purohit	1:00 PM - 3:00 PM
11	126	**A Review of Autonomous Vehicles and AI Usage: A Path Towards a Transformative Future**	Ms. Nandini Sah	1:00 PM - 3:00 PM