

SRM Institute of Science and Technology, DELHI-NCR Campus, Modinagar, Ghaziabad, U.P., India						
14 th International Conference on Recent Trends in Computing (ICRTC 2026)						
PROGRAMME SCHEDULE: July 03-04, 2026						
DAY - 1 (Friday - July 03, 2026)						
9:00 - 9:30AM	Registration					In front of Peter F. Drucker Hall
9:30-10:00 AM	Inaugural Ceremony					Venue: Peter F. Drucker Hall
10:00 AM-10:15 AM	Prof Oscar Sanchez, MIT, USA			Applied Gen AI and Agentic AI on Digital Transformation		Venue: Peter F. Drucker Hall
10:15 AM-10:30 AM	Prof. Rodrigo Andres Reyes Jara, MIT, USA			Transforming Enterprises with Agentic AI		Venue: Peter F. Drucker Hall
10:30 AM-10:45 AM	Dr. Aida Mehrad, C3S Business School, Barcelona, Spain			Creativity, Technology, and the Modern World: Artificial Intelligence (AI)		Venue: Peter F. Drucker Hall
10:45 AM-11:00 AM	Mr. Pravin Barapatre, Engineering Lead in AI, Robotics & Distributed Systems, USA			AI, Robotics & Distributed Systems		Venue: Peter F. Drucker Hall
11:00-11:20 AM	High - Tea					
Talk Session - 1						
Timings	Talk	Speaker				Venue: Peter F. Drucker Hall
11:20 - 12:00	Talk-1	Prof. (Dr.) B K Panigrahi, IIT, Delhi, India			Offline	
12:40-14:00	Lunch Break					
Session - 1A (offline)						
Timings	Paper Id	Paper Title	Name of Author	Mobile No.	Session Chair	
14:00 - 14:12	27	A Comparative Analysis of task scheduling Simulators and Machine Learning Frameworks for Cloud-Fog Computing Environments	Vandana Sindhi	9646460648	Dr. Oshin Sharma Dr. Randeep Singh Dr. Mahesh Kr Singh Dr. Dinesh Kumar	Venue: Lecture Hall 210
14:12 - 14:24	43	Optimized Collaborative Reasoning Framework for Text-Based Misinformation Detection"	MANISHA	9818998010		
14:24 - 14:36	45	Transfer Learning for IoT Intrusion Detection: A Comparative Evaluation of Deep Models	Sandeep Panwar	7310993613		
14:36 - 14:48	203	A Genetic Algorithm Optimized VAE-Inspired BiLSTM Model for Multi-Step Global Horizontal Irradiance Forecasting	Prachetas Shukla	8860089080		
14:48 - 15:00	78	From Words to Worlds: Generative AI for Seamless Real-Time Translation and Multimedia Exchange	Shweta Jain , Rishit Aggarwal	8307880488 , 7015457296		
15:00 - 15:12	171	Text-Guided Diffusion Frameworks for Intelligent Video Manipulation and Enhancement	Aman Verma	8429711678		
15:12 - 15:24	201	Explainable AI for High-Frequency Trading: SHAP-Enhanced LSTM Strategy with Empirical Validation and Profitable Backtesting	Navya Verma	9310553824		
15:24 - 15:36	215	XGBoost-Driven Prediction of Huntington's Disease Stages Using Multi-Domain Features	Harshit Yadav	7388494841		
15:36 - 15:50	242	BZT -IDS (Blockchain based Zero Trust - Intrusion Detection System)	Sanskriti Sharma	8851013328		
Session - 1B (offline)						
Timings	Paper Id	Paper Title	Name of Author	Mobile No.	Session Chair	
14:00 - 14:12	29	Data-Driven Multi-Disease Prediction Model Using Supervised Learning TechniquesData-Driven Multi-Disease Prediction Model Using Supervised Learning TechniquesData-Driven Multi-Disease Prediction Model Using Supervised Learning Techniques	Akash Punhani	8318528263		
14:12 - 14:24	56	Time-Efficient and SLO-Aware ML Prediction on Cloud-Fog Networks	Sumit Bansal	7355891000		

14:24 - 14:36	79	Agro-AI: An Intelligent Rainfall Forecasting and Crop Advisory Framework for Climate-Adaptive Farming	Shweta Jain , Rishit Aggarwal	8307880488 , 7015457296	Dr. Sudhir Dawra Dr. Subash Harigan Dr. Pramit Kr. Samant Dr. Arnika	Venue: Lecture Hall 211	
14:36 - 14:48	95	MAINTAINABILITY EVALUATION USING MACHINE LEARNING	Amit Sharma	9411632973			
14:48 - 15:00	179	Effective Real-Time Wildlife Detection using Transformer-based RT-DETR with Edge-Aware Optimization	Sonia Verma	8218634036			
15:00 - 15:12	136	AI-Powered Systems in Enhancing the Accuracy of Medical Diagnostics	Neha Sharma	9592226769			
15:12 - 15:24	218	AI SIGN-TO-SPEECH TRANSLATOR	Shivankul Gupta	7007822542			
15:24 - 15:35	250	Self-Attention Fused Deep Convolutional GAN for Image Enhancement	Rounak Annasaheb Goje	7385791049			
15:45 - 16:15	Tea Break & End of Day 1						
DAY - 2 (Saturday - July 04, 2026)							
Talk Session - 2							
Timings	Talk	Speaker					
10:00-10:45	Talk 1	Dr. Kavya Dashora, IIT, Delhi, India					
10:45-11:00	High - Tea						
Session - 2A (offline)							
Timings	Paper No.	Paper Title	Name of Author/Co-Author	Mobile No.	Session Chair		
11:00 - 11:15	74	Anatomy of Decoder-Only LLM Failure in Low-Resource Machine Translation: Tokenizer Fertility, Data Thresholds, and Decoding Strategies for Kashmiri	Faizan Ayoub	7006718915	Dr. Harish Kumar Dr. N. Partheeban Dr. Palanivel S Dr. Arindam Chaudhari	Venue: Lecture Hall 210	
11: 15 -11:30	164	Atrial Fibrillation Detection from Single-Lead ECG Using ResNet-BiLSTM	Lakshay Gupta	9267947839			
11:30 - 11:45	172	Adaptive Clustering Scheme for VANETs in Dynamic Traffic Environments	Saharsh	9313976656			
11:45 - 12:00	251	Beyond Multilingual Pretraining: Semantic-Aware Adaptation for English-Nepali Translation	Deepraj Rai	8371965920			
Session - 2B (online)							
Timings	Paper No.	Paper Title	Name of Author/Co-Author	Mobile No.	Session Chair		
11:00 - 11:10	75	HEML: A Hybrid Ensemble Meta-Learning Framework for Mortality and Readmission Prediction in Critical Care Using Structured Electronic Health Records	M.Sindhu	8754344542			
11:10 - 11:20	82	Optimizing Crop Production Through AI Forecasting	Sanika Kadam	7558780781			
11:20 - 11:30	83	Random Forest-Based Early Risk Prediction of Fetal Heart and Placental Complications in the First Trimester	Joanne Susan Jacob	8860046759			
11:30 - 11:40	90	Machine Learning-Based Prediction of Chemotherapy-Induced Adverse Effects Using Baseline Quality of Life Metrics in Breast Cancer Patients	Boga Yashaswi Kumar	6305450992			
11:40 - 11:50	100	Design and Optimization of a MIMO Microstrip Patch Antenna with Defected Ground Structure and ECC Analysis for Future Wireless and 5G-Integrated Applications	Vinay Kumar Singh	8097680120			

11:50 - 12:00	115	IndicBERT vs mBERT: A Comparative Study on Few-Shot Text Classification for Indian Languages	Raunika Rai	9289463449	Dr. Abhilasha Singh Dr. Jitendra Singh Dr. Uma Meena Dr. Ranjana Sharma	Venue: Lab C-4 (VKC)
12:00 - 12:10	121	Surrogate-Augmented Secretary Bird Optimization: A Novel Pathway to Parkinson's disease Prediction	Dr. Bibhuprasad Sahu	9861602690		
12:10 - 12:20	122	An Adaptive HHO-DE Hybrid Algorithm for Multi-Objective Optimization of a MIMO Microstrip Patch Antenna	Vinay Kumar Singh	8097680120		
12:20 - 12:30	147	AI-Powered Analysis of Healthcare User Stories: Topic Modeling and Clustering for Performance Insight in Hospital Systems	Bhawmesh Kumar	9897680354		
12:30 - 12:40	159	An Explainable Dual-Branch Attention-driven GRU Framework for EEG-Based Cognitive Workload Detection	Ayan Banerjee	6202737230		
12:40 - 12:50	162	Federated Dynamic Graph Neural Network with Temporal Contrastive Learning for Privacy- Preserving Social Influence Prediction	Himani Tyagi, Preeti Bala	8130889226		
12:50 - 13:00	170	An Interpretable Optimized Linear Architecture for Credit Card Fraud Detection Using Geometric Feature Expansion and Probability Calibration	Mohamed Sadah Bah	9557004416		

Session - 2C (online)						
Timings	Paper No.	Paper Title	Name of Author/Co-Author	Mobile No.	Session Chair	
11:00 - 11:10	186	HEFC-BD: A Hybrid Edge-Fog-Cloud Big Data Architecture for Low-Latency Smart City Applications	Rohan Verma	7895841773	Dr. Avneesh Vashistha Dr. Pushpendra Singh Dr. Vinay Kumar Singhal Dr. Chiranjit Dutta	Venue: Lab C-5 (VKC)
11:10 - 11:20	198	An Explainable Transformer Based Crowd Detection Framework Using EVA-02 for Dense Crowd Analysis	Gunjan Mehra	7088316631		
11:20 - 11:30	236	Privacy-Preserving Federated Learning for Smart Food Quality Monitoring: An Empirical Study Using Electronic Nose Sensors	Nitya Singhal	8791018007		
11:30 - 11:40	240	GRAPH NEURAL NETWORK MODELS FOR MOLECULAR PROPERTY PREDICTION	Arushi Sharma	8586010695		
11:40 - 11:50	246	NeuroScan-Net: Lightweight EfficientNet Transfer Learning for Clinical-Grade Brain Tumor Classification from MRI	Anand Krishna	9334903402		
11:50 - 12:00	258	RetinaSpeech-AD: A Cross-Modal Fusion Framework for Early Alzheimer's Risk Prediction	Sudha M	9108535797		
12:00 - 12:10	264	PSO-GSA Hybrid Optimization with Neural Surrogate for Power-Efficient Sizing of Two-Stage CMOS Operational Amplifiers	Ammaar Faiz	8050195572		
12:10 - 12:20	274	Condition-Aware LightGBM with Asymmetric Optimization and Multi-Scale Feature Engineering for Remaining Useful Life Prediction of Turbofan Engines	MAJINA BABY S	8870781684		

12:20 - 12:30	275	Comparative Performance Analysis of DQN and Double DQN Algorithms for Autonomous Landing Control in the LunarLander-v3 Simulation Environment	Pradeepa Sampath	8220331992			
12:30 - 12:40	276	Task-Oriented Reinforcement Learning for Robotic Arm Manipulation: A Comparative Study of Off-Policy and On-Policy Algorithms	Pradeepa Sampath	8220331992			
12:40 - 12:50	277	Global Renewable Energy Transitions: Challenges, Innovations, and Future Prospects	Madan Mohan Sati and Shweta Goyal	9816958789, 9410777617			
12:50 - 13:00	278	A miniaturize 4-port UWB-MIMO design with dual stop band behaviour	Preeti Pannu	9818947360			
13:00 - 14:15	Lunch Break						
Session - 2D (offline)							
Timings	Paper No.	Paper Title	Name of Author/Co-Author	Mobile No.	Session Chair		
14:15 - 14:27	1	Deep Learning based Image Encryption for Digital Images: Security, Performance and Future Directions	Awadhesh Kumar Singh	8505815999	Dr. Neelam Singh Dr. Niranjana Lal Dr. Amit Kukker	Venue: Lecture Hall 210	
14:27 - 14:39	38	Spiking Analysis of Fractional Izhikevich Neuron Firing via FRK-4 Method	Mohd Danish	9758787860			
14:39 - 14:51	68	A Linguistic Taxonomy of Clinical Negation and Performance Analysis of Large Language Models in Medical Text Summarization	Batri Krishnan	9789680969			
14:51 - 15:03	252	A Comparative Study of Computational Cost and Performance of CNN and Transformer Models for Skin Disease Classification	Ruchika Pharswan	9971778440			
15:03 - 15:15	266	A Multimodal Deep Learning Framework for Disaster Classification Using Social Media Text and Images	Rohit Goel	9650350473			
15:15-15:45	Valedictory Ceremony					Venue: Peter F. Drucker Hall	
15:45-16:00	Tea						
END OF CONFERENCE							