

| Session | | D1-A | | | |
|------------------------|-----------------------------------|---|---|--------------------------------|------------|
| Day: | 1 (Saturday) | Date: | 08-Feb-25 | | |
| Venue: | 501 AB2 | Time: | 2:00 PM | | |
| Theme: | Deep Learning and Neural Networks | | | | |
| Session Chairs: | | <i>Dr. Minakshi Tomer</i> | | | |
| | | <i>Dr. Aman Anand</i> | | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 414 | Gesture to Speech: Deep Learning Models for Real-Time Sign Language Interpretation | Mr Pradeep Kumar Kushwaha, Ms. Nikita Srivastava | 2:00 PM | to 2:15 PM |
| 2 | 473 | Cloud-Based Deep Learning for Weather Forecasting | Rupak Sharma, Pallavi Tyagi, Pooja Vajpayee, Rashmi Sharma, Nitin Rakesh, Birendra Kumar Saraswat | 2:15 PM | to 2:30 PM |
| 3 | 805 | Detecting Digital Deception: A CNN-RNN hybrid Approach of Deepfake Detection | Harshpal Singh, Rakesh Kumar, Meenu Gupta, Venkata Suresh Babu Chilluri | 2:30 PM | to 2:45 PM |
| 4 | 967 | Evaluating Agricultural Soil GHG Emission Models: A Critical Analysis of Identification and Future Challenges | Arnima Pathak, Dr. Monika Sharma, Dr. Devendra kumar | 2:45 PM | to 3:00 PM |
| 5 | 1175 | Sign Language Recognition using Deep Learning | Bablu Kumar, Shabanam Kumari, Tarun Kumar | 3:00 PM | to 3:15 PM |
| 6 | 1199 | Personalized User Interaction in Web Applications using Adaptive LLM Model | Manoj Kumar Mahto, Durgesh Srivastava, Ranjit Kumar, Basant Sah, Hare Ram Singh, Sunil Kr. Maakar | 3:15 PM | to 3:30 PM |

| Session | | D1-B | | | |
|------------------------|-----------------|---|---|--------------------------------|------------|
| Day: | 1(Saturday) | Date: | 08-Feb-25 | | |
| Venue: | 502 AB2 | Time: | 2:00 PM | | |
| Theme: | | <u><i>Machine Learning Algorithms</i></u> | | | |
| Session Chairs: | | <i>Dr. Biswa Mohan Sahoo</i> | | | |
| | | <i>Suman Avdhesh Yadav</i> | | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 92 | Elongation of NFT Framework Using ERC721 | Dr. Uma tomer, Satyendra Vyas, Arun Mittal, Nagendra Nath Dubey | 2:00 PM | to 2:15 PM |
| 2 | 181 | Machine Learning-based Soil Analysis for Crop Forecasting | Raji Gupta, Shiv Prakash Singh, Rishabh Gupta, Saurabh, Shikha Agarwal | 2:15 PM | to 2:30 PM |
| 3 | 428 | Enhanced Ransomware Classification with a Hybrid RF-SVM Framework Using PCA and RFE | Shweta Singh, Tejaswi Khanna, Deepak Kumar Verma | 2:30 PM | to 2:45 PM |
| 4 | 584 | Robust Brain Tumor Classification using Transfer Learning and Convolutional Neural Networks | SHRUNDAN REDDY GOVIND, BHAVANA MOPARTHI, DR.A. SHERYL OLIVER, DR.M. KITUTHIKA, | 2:45 PM | to 3:00 PM |
| 5 | 734 | Performance Evaluation of Open-Source LLMs for Text-to-SQL Conversion in Healthcare Data | Ishneet Kaur Chadha, Anshul Gupta, Subham Sarkar, Minakshi Tomer, Tripti Rathee | 3:00 PM | to 3:15 PM |
| 6 | 781 | Analyzing Body Language and Facial Expressions Using Machine Learning Techniques | HARVENDRA KUMAR PATEL, Vijendra Rai, Hare Ram Singh, Rakesh Kumar | 3:15 PM | to 3:30 PM |

| Session | | D1-C | | | | |
|------------------------|-----------------|--|---|--------------------------------|----|---------|
| Day: | 1(Saturday) | Date: | 08-Feb-25 | | | |
| Venue: | 503 AB2 | Time: | 2:00 PM | | | |
| Theme: | | <i>Computer Vision and Image Processing</i> | | | | |
| Session Chairs: | | <i>Dr.Ginni Sehgal</i> | | | | |
| | | <i>Dr.Kajal Rai</i> | | | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 216 | Enhancing Security in Medical Imaging: Optimized Nature-Inspired Algorithms for Robust Watermarking in Gray scale Images | DR. VIJAY KRISHNA PALLAW, Pancham Kumar, Nawneet Kumar Pandey, Sandeep Kumar Singh | 2:00 PM | to | 2:15 PM |
| 2 | 721 | Enhancement of underwater images using GAN and Refinement network | Surbhi Bharti, Kashish Saini, Ashwni Kumar | 2:15 PM | to | 2:30 PM |
| 3 | 751 | A Systematic Review of Image Generation Models: Methods, Comparative Insights, and Available Datasets | Harshita Singh, Mukhila Rai, Laxmi Raguar, Jashlok Baliyan, Pawan Kumar Mall | 2:30 PM | to | 2:45 PM |
| 4 | 804 | Comparative Analysis of VGG16, InceptionV3 and ResNet50 for Lung Cancer Detection in Medical Imaging | Nisha Vasudeva, Vivek Kumar Sharma, Pradeep Chauhan, Shivam Awasthi | 2:45 PM | to | 3:00 PM |
| 5 | 1033 | A Hybrid Model Combining Vision Transformer and Generative Pre-trained Transformer for Image Captioning | Hina Gupta, Jatangi y d m v Prasada Vishwesh, M.Jagadeesh, M.Sucharitha, Vitta Sai Pradyothan | 3:00 PM | to | 3:15 PM |
| 6 | 1123 | Revolution of Self-Learning in Education from Traditional Pedagogy | Aarush Aggarwal, Husanbir Singh Pannu, Varleen Kaur, Sanmeet Sidhu | 3:15 PM | to | 3:30 PM |

| Session | | D1-D | |
|---------------|-------------|--------------|-----------|
| Day: | 1(Saturday) | Date: | 08-Feb-25 |
| Venue: | 504 AB2 | Time: | 2:00 PM |

Theme: *AI for Autonomous Systems*

| Session Chairs: | | | <i>Dr.CHANDAN KUMAR</i> | | |
|-----------------|----------|--|---|-------------------------|------------|
| | | | <i>Dr. Shyla</i> | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 220 | Security Vulnerabilities in IPv6 Link-Local Networks: An Examination of DAD Mechanism | Pragya, Kartikey Shukla, Preeti Gupta, Gourav Tomar, Radha Raman Chandan, Basu Dev Shivahare | 2:00 PM | to 2:15 PM |
| 2 | 415 | Development and Simulation of a Robotic Arm Using ROS2: A Comprehensive Study | Tarun Singh, Pooja Anand, Satyam Kumar | 2:15 PM | to 2:30 PM |
| 3 | 423 | Design of Multilayer PCB With SMD Components for Enhanced RFID-Based Security in Pervasive Systems | Lakshya Kumar, Ms Pooja Anand | 2:30 PM | to 2:45 PM |
| 4 | 458 | Explainable Artificial Intelligence (XAI) in Insurance | Neha Verma, Dr. Ajay Kumar Varshney, Ritesh Kumar Singhal, Manu Priya Gaur, Ankit Garg, Sanghamitra Das | 2:45 PM | to 3:00 PM |
| 5 | 475 | Cloud-Based Deep Learning for Weather Forecasting | Rupak Sharma, Rupak Sharma, Pallavi Tyagi, Pooja Vajpayee, Rashmi Sharma , Nitin Rakesh and Birendra Kumar Saraswat | 3:00 PM | to 3:15 PM |
| 6 | 485 | Utilization Of Digital Twin In Sustainable Infrastructure Development | Bastav Dutta, Sumit Chaudhary, Mahaveer Singh Naruka, Dinesh Kumar Singh, Nikhil Bisht | 3:15 PM | to 3:30 PM |

| Session | | | D1-E | | |
|------------------------|--|---|--|-------------------------|------------|
| Day: | 1(Saturday) | | Date: | 08-Feb-25 | |
| Venue: | 505 AB2 | | Time: | 2:00 PM | |
| Theme: | <u><i>AI and Emerging Technologies</i></u> | | | | |
| Session Chairs: | | | <i>Dr. Shrdha Sagar</i> | | |
| | | | <i>Dr. Krishna Kant Agrawal</i> | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 376 | Comprehensive Model Leveraging Convolutional Neural Networks for Online Transaction Fraud Detection | Sanskar Mishra, Anjali Goyal, Deepti Sahu | 2:00 PM | to 2:15 PM |
| 2 | 474 | Cloud-Based Deep Learning for Weather Forecasting | Rupak Sharma, Rupak Sharma, Pallavi Tyagi, Pooja Vajpayee, Rashmi Sharma, Nitin Rakesh and Birendra Kumar Saraswat | 2:15 PM | to 2:30 PM |
| 3 | 483 | Potential of Artificial Intelligence in Healthcare | Agrima Shrivastava, Sumit Chaudhary, Nikhil Bisht, Mahaveer Singh Naruka | 2:30 PM | to 2:45 PM |
| 4 | 675 | A triage system based approach with AI-driven management in bugs resolving application | Praveshika Tiwari, Anuradha, Gagandeep Kaur Nagra, Rashmi Sharma, Nitin Rakesh, Birendra Kumar Saraswat | 2:45 PM | to 3:00 PM |
| 5 | 771 | Empowering Senior Health Through Digital Literacy: A Review of Impactful Initiatives | Somya Jain, Anvesha Mishra, Anjali Varshney, Aashi Singhal, Pawan Kumar Mall | 3:00 PM | to 3:15 PM |
| 6 | 1172 | Detecting Bots in Misinformation Campaigns: Strategies and Societal Implications | Himanshu Mishra, Pallavi Singh, Melbin Kurien, Dr. Suhail Javed Quraishi | 3:15 PM | to 3:30 PM |

| Session | | | D2-A | | |
|------------------------|-----------|--|--|-----------|-------------------------|
| Day: | 2(Sunday) | | Date: | 09-Feb-25 | |
| Venue: | 501 AB2 | | Time: | 9:30 AM | |
| Theme: | | | <u>Machine Learning Algorithms</u> | | |
| Session Chairs: | | | <i>Dr.Jitendra Nath Singh</i> | | |
| | | | <i>Dr Usha Chauhan</i> | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | | Presentation Slot (IST) |
| 1 | 806 | Utilizing Machine Learning Algorithms for Predicting Chronic Kidney Disease | Harshpal Singh, Rakesh Kumar, Meenu Gupta, Vasubabu Machavarapu | | 9:30 AM to 9:45 AM |
| 2 | 849 | A Machine Learning Approach to Traditional Medicinal Leaf Recognition and Medical Use Recommendation | Nripendra Dwivedi, Ayush Gupta, Harsh Sharma | | 9:45 AM to 10:00 AM |
| 3 | 850 | Advances in Crop Monitoring Technologies: A Comprehensive Review | Divya Rawat, Shashank Awasthi, Manas Kumar Mishra, Ruby Faizan | | 10:00 AM to 10:15 AM |
| 4 | 879 | Intelligent Control Mechanisms for Renewable Energy Integration Using Machine Learning Models | Suman Chahar, Kawaljit Kaur, Kuldeep Singh Kaswan, Kiran Malik | | 10:15 AM to 10:30 AM |
| 5 | 1097 | SMS Spam Detection using Advance Naive-Bayes Approach | Yojna Arora, Neha Gupta, Yogesh Singh Rathore, Nidhi Bansal, Aina Mehta, Ashwani Kumar | | 10:30 AM to 10:45 AM |
| 6 | 1198 | Integrating Random Forest and XGBoost For Accurate House Rent Prediction | Harsh Vardhan Singh, Santosh Kumar Srivastava, Nishant Kumar Pandey, Nitesh Kumar | | 10:45 AM to 11:00 AM |

| Session | | D2-B | | | |
|------------------------|---|--|--|-------------------------|-------------|
| Day: | 2(Sunday) | Date: | 09-Feb-25 | | |
| Venue: | 502 AB2 | Time: | 9:30 AM | | |
| Theme: | <u><i>AI for Autonomous Systems</i></u> | | | | |
| Session Chairs: | | <i>Dr. Minakshi Tomar</i> | | | |
| | | <i>Dr. Kajal Rai</i> | | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 800 | Safe and Reliable Live-Streaming Traffic Monitoring System using OpenCV and Yolov8 | Ashmit Bisht, Kuheli Sen, Neeraj Jain, Ravi Sharma, Pragya, Basu Dev Shivahare | 9:30 AM | to 9:45 AM |
| 2 | 801 | SIGN EASE: AI-BASED GESTURE RECOGNITION | Sudiksha Srivastava, Parvez Ali, Aaman Khan, Shivendram Yadav, Mr. Praveen Pandey | 9:45 AM | to 10:00 AM |
| 3 | 929 | A Comprehensive Study of Case-Based Reasoning in Information Retrieval: An Artificial Intelligence Approach | Surabhi Solanki, Seema Verma, Prolay Biswas, Pulakesh Roy, Aparna Singh, Surbhi Sharma | 10:00 AM | to 10:15 AM |
| 4 | 968 | Next-Generation Intrusion Detection: Navigating Challenges and Embracing AI | Mani Shivhare, Dr. Saru Dhir and Dr. Santosh Kumar Shrivastava | 10:15 AM | to 10:30 AM |
| 5 | 1197 | A Multi-Criteria Decision Making Approach for E-Commerce: An Evolutionary Study with Spring Boot Implementation | Dr. Hina Gupta, Aryan Srivastava, Aarushi Daksh, Pihu Prakash, Chinmay Siwach | 10:30 AM | to 10:45 AM |
| 6 | 1246 | An Integrated Approach to Altitude Monitoring and Logging for Adventure and Scientific Use with Data Logging with Web Server Monitor | Shashank Awasthi, Prem Chand Vashisth | 10:45 AM | to 11:00 AM |

| Session | | | D2-C | | |
|------------------------|---------------------------------|--|--|-------------------------|-------------|
| Day: | 2(Sunday) | | Date: | 09-Feb-25 | |
| Venue: | 503 AB2 | | Time: | 9:30 AM | |
| Theme: | <u>Internet of Things (IoT)</u> | | | | |
| Session Chairs: | | | <i>Dr. Sandhya Umrao</i> | | |
| | | | <i>Dr. Biswa Mohan Sahoo</i> | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 200 | Harnessing IoT and Machine Learning for Efficient Water Management in Urban Infrastructure | Divy Sharma, Divy Sharma, Praveen Kushwaha, Shorya, Amit Verma, Aarti Chaudhary | 9:30 AM | to 9:45 AM |
| 2 | 484 | IoT-Propelled Sustainable Aquaponics System for Enhanced Efficiency and Reliability | Akshit Gupta, Sumit Chaudhary, Mahaveer Singh Naruka, Dinesh Kumar Singh, Nikhil Bisht | 9:45 AM | to 10:00 AM |
| 3 | 591 | Enhanced Security in Matter-Enabled IoT Networks through Anomaly Detection | Manjit Kumar, Kapil Sharma | 10:00 AM | to 10:15 AM |
| 4 | 592 | Anomaly Detection for Sensor Manipulation in Matter Enabled-IoT Devices with Faulty Data Injection | Jahnvi Patel, Kapil Sharma | 10:15 AM | to 10:30 AM |
| 5 | 1248 | IoT enabled Advanced Power Quality Monitoring and Anomaly Response for Smart Grids with Raspberry Pi and Blynk Cloud | Shashank Awasthi, Prem Chand Vashisth | 10:30 AM | to 10:45 AM |
| 6 | 460 | Handcrafted AI: Designing virtual hardware for hand gesture based interaction | Sofia Singh, Sarabjot Chhatwal, Shivam Sharma, Manish Ojha | 10:45 AM | to 11:00 AM |
| 7 | 724 | energy Efficient Location-Based XML Indexing in Real-Time Wireless Data Broadcasting for IoT Devices | Vikas Goel, Dr. Amit Goyal, Ashutosh Sharma, Vikas Jain, Mayank Singh | 11:00 AM | to 11:15 AM |

| Session | | | D2-D | | |
|------------------------|--|---|--|-----------|-------------------------|
| Day: | 2(Sunday) | | Date: | 09-Feb-25 | |
| Venue: | 504 AB2 | | Time: | 9:30 AM | |
| Theme: | <u>Natural Language Processing (NLP)</u> | | | | |
| Session Chairs: | | | <i>Dr. Krishna Kant Agrawal</i> | | |
| | | | <i>Dr. Shyla</i> | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | | Presentation Slot (IST) |
| 1 | 269 | Harnessing NLP and AI for Reliable News Verification in the Digital Era | Sunil Kumar, Sagar Vishal Singh, Ahmad Zia | | 9:30 AM to 9:45 AM |
| 2 | 403 | Detecting phishing emails using Natural processing language | Aditya Gupta, Akshay Mishra, Kavita Arora | | 9:45 AM to 10:00 AM |
| 3 | 442 | Real-Time Gaze Tracking for Online Examination | Preyanshu Bisht, Suresh Kumar | | 10:00 AM to 10:15 AM |
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Session Name : D1-AA

| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | |
|------------------------|---|---|---|--------------------------------|-------------|
| Venue: | NB1(AB2) | Time: | 09:30AM To 11:00 AM | | |
| Theme: | <u>Deep Learning and Neural Networks</u> | | | | |
| Session Chairs: | | Dr. Deepak Kumar Verma | | | |
| | | Dr. Nita Kumari | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 299 | Unmasking Image Authenticity: Classifying Real and Fake Human Faces Using Convolutional Neural Networks | Shanvi Chauhan | 9:30 AM | to 9:45 AM |
| 2 | 40 | Enhancing predictive accuracy and interpretability through Explainable Deep Ensembles learning for lung cancer classification | S Shyni Carmel Mary, M D Ananda Raj | 9:45 AM | to 10:00 AM |
| 3 | 73 | Cross Parametric Analysis and Neural Networks: An Improved Method for Human Diagnostics | Monali Gulhane, Mandeep Kaur, Nitin Rakesh, Ankita Tiwari, Sandeep Kumar, Arnav Jain | 10:00 AM | to 10:15 AM |
| 4 | 283 | Deep Learning Approach for Poultry Disease Classification and Early Detection: ResNet18 | Jatin Sharma, Rupesh Gupta | 10:15 AM | to 10:30 AM |
| 5 | 379 | From Traditional Banking to Fintech: Analyzing the Evolution of Online Loan Research | Dian Kurnianingrum, Okky Rizkia Yustian, Budi Supriatono Purnomo, Budi Rustandi Kartawinata, Isma Addi Jumbri | 10:30 AM | to 10:45 AM |
| 6 | 551 | Combining Convolutional Neural Networks with Reinforcement Learning for Autonomous Robotics | Ahmad Y. A. Bani Ahmad, Swati Powar, DR. ANJU ASOKAN, Dr. M. Sundar Rajan, Khaleel Al-Said, Nidal Al Said | 10:45 AM | to 11:00 AM |

Session Name : D1-AB



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| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | |
|------------------------|---|---|--|--------------------------------|-------------|
| Venue: | NB1(AB2) | Time: | 11:00AM To 12:30 PM | | |
| Theme: | <u>Machine Learning Algorithms</u> | | | | |
| Session Chairs: | | Dr Devarashi Shukla | | | |
| | | Dr. Vinay Kumar Mishra | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 152 | IT CARRER SKILLS PREDICTION BASED ON STUDENTS INTEREST, ABILITIES AND COMPUTER LANGUAGE PROFICIENCY | Ms. Vandana Upadhyay, Dr. Parth Gautam | 11:00 AM | to 11:15 AM |
| 2 | 271 | Wireless Network Coverage Optimization Through Dynamic Topology Control | Saurabh Kansal, Akhil Gupta, Hari Gupta, Vinay Acharya, Jayanth Kolli, Om Goel | 11:15 AM | to 11:30 AM |
| 3 | 274 | An Evaluation of Cross-Layer Optimization scheme for Wireless Mesh Networks | Arpit Jain, Rashmi Sharma, Srinivasan Jayaraman, Karthik Venkatesan, Nandish Shivaprasad, Ravi Mandliya | 11:30 AM | to 11:45 AM |
| 4 | 384 | ADHERENT-Net: An Adaptive Health Risk Estimation Network for Real-Time Environmental Tracking | M. Priyadharshini, V. Murugesh , Subrata Chowdhury, Bibhuti Bhsan Dash, Utpal Chandra De, Sudhansu Shekhar Patra | 11:45 AM | to 12:00 PM |
| 5 | 393 | Intelligent Network Selection in Heterogeneous Wireless Environments Using Machine Learning | Arun Mulka, Pratik Agarwal, Shreyas Mahimkar, Pradeep Jeyachandran, Murali Mohana Krishna Dandu, Shalu Jain | 12:00 PM | to 12:15 PM |
| 6 | 394 | An Integrated Approach to Network Security: Combining Cryptography and Intrusion Detection | Venkata Reddy Thummala, Antara, Rashmi Sharma, Santhosh Vijayabaskar, Sachin Bhat, Lagan Goel | 12:15 PM | to 12:30 PM |

Session Name : D1-AC

| | | | |
|-------------|---------------------|--------------|-----------------|
| Day: | 1 (Saturday) | Date: | 8-Feb-25 |
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| Venue: | NB1(AB2) | Time: | 12:30PM To 02:00 PM | | | |
|------------------------|---|---|--|--------------------------------|----|----------|
| Theme: | <u>AI for Autonomous Systems</u> | | | | | |
| Session Chairs: | | Dr. A. Robert Singh | | | | |
| | | Dr. Arulprakash A | | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 28 | Automatic Vehicle Number Plate Recognition: A Narrative review of End-to-end Workflow | Alok Raj, Hiren Kumar Thakkar, Priyanka Singh | 12:30 PM | to | 12:45 PM |
| 2 | 61 | Neural Network Innovations in Next-Generation Optical Fiber and WDM Networks: Tackling Signal Degradation and Resource Optimization | Shivranjani Bharatbhai Gajjar, Vivekanand Mishra | 12:45 PM | to | 1:00 PM |
| 3 | 272 | Secure Network Topology Design and Management Using Artificial Intelligence Framework | Vaidheyar Raman Balasubramanian, Akhil Gupta, Nusrat Shaheen, Srinivasan Jayaraman, Nandish Shivaprasad, Om Goel | 1:00 PM | to | 1:15 PM |
| 4 | 296 | Automated Classification of Fresh and Rotten Fruits Using ResNet50 for Enhanced Food Quality Control and Waste Reduction | Jatin Sharma | 1:15 PM | to | 1:30 PM |
| 5 | 448 | AI-Driven Smart Parking with License Plate Recognition | Rhythm Sarker, Dr. Janaki K, Caroline Panggabean, Thomson Gigi, Gagan P A | 1:30 PM | to | 1:45 PM |
| 6 | 521 | FAKE CURRENCY DETECTION USING AI | Pradeep Kumar Kushwaha, Kunika Pal, Bhanu Prakash Lohani, Amardeep Gupta | 1:45 PM | to | 2:00 PM |

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|-----------------------------|---------------------|--------------|-----------------|
| Session Name : D1-AD | | | |
| Day: | 1 (Saturday) | Date: | 8-Feb-25 |



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| Venue: | NB1(AB2) | Time: | 02:00PM To 03:30 PM | | |
|------------------------|--|---|--|--------------------------------|------------|
| Theme: | <i>Internet of Things (IoT)</i> | | | | |
| Session Chairs: | | Dr. Priyanka Gupta | | | |
| | | Dr. Prabhash Chandra Pathak | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 1171 | Next-Generation CRM: AI, IoT, and the Future of Customer Relationship Management | Bandela Sathyavani, Dr. Nalla Bala Kalyan, Diwakar Reddy Peddinti, DR. KARTHICK R, Dr. Varsha Bihade, Dr. Anil Tiwari | 2:00 PM | to 2:15 PM |
| 2 | 558 | Using Convolutional Neural Networks for Image Recognition in IoT Applications | Durgam Rajababu, Sampenga Veerraju, Dr. K. Suresh Kumar, Dr. Sonali Gupta, V B Thurai Raaj, Rahul Joshi | 2:15 PM | to 2:30 PM |
| 3 | 2 | IoT Based Smart Integrated Farming | Mathiyarasan S, Sabarimani B, Sathish A, Udaya Raj Kumar R, Anbarasu P | 2:30 PM | to 2:45 PM |
| 4 | 16 | ReIoT-Powered Smart Agriculture in Controlled Environments | Phuke Rakesh Rao, Ramandeep Sandhu, Sardar M N Islam | 2:45 PM | to 3:00 PM |
| 5 | 707 | Machine and Deep Learning Classifications for IoT-Enabled Healthcare Devices | Lalit Kumar Tyagi, Anish Gupta, Vibhash Singh Sisodia | 3:00 PM | to 3:15 PM |
| 6 | 863 | Implementation of Adaptive Traffic Inundation Detection Technique in RPL-Based IoT Networks | Devi Sowndarya K K, N.Rajganesh | 3:15 PM | to 3:30 PM |

| Session Name : D1-AE | | | | | | |
|-----------------------------|--|--|--|--------------------------------|----|---------|
| Day: | 1 (Saturday) | | Date: | 8-Feb-25 | | |
| Venue: | NB1(AB2) | | Time: | 03:30PM To 05:00 PM | | |
| Theme: | <u>AI and Emerging Technologies</u> | | | | | |
| Session Chairs: | | | Dr. Kiruthika M | | | |
| | | | Mr. Keshav Kumar | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 17 | Exploring the Impact of Conditional Deep Convolutional Generative Adversarial Networks in Brain Tumor Image Classification: A Novel Approach | Deepak Upadhyay, Abhay Upadhyay, Shiv Ashish Dhondiyal, Kuj Bihari Sharma | 3:30 PM | to | 3:45 PM |
| 2 | 34 | Exploring the Capabilities and Limitations of Generative AI Applications, Challenges, and Future Directions | Dr. Gulbir Singh, Meenakshi, P. Sharma, A. Bhardwaj | 3:45 PM | to | 4:00 PM |
| 3 | 245 | Unique Image Identification and Ownership Monitoring using Blockchain | Kanwal Preet Kour, Malvinder Singh Bali, Sameeksha | 4:00 PM | to | 4:15 PM |
| 4 | 494 | Explainable AI for Cardiovascular Health: A SHAP-based Framework | Madhusai.B, Aarthi V.P.M.B, Jenila.C, Ajayreddy.B, Rekha Reddy.M, Mayuri.V | 4:15 PM | to | 4:30 PM |
| 5 | 563 | Chatbots and Customer Service: Enhancing Marketing Management with AI Technologies | Rajchandar K, Dr. Somanchi Hari Krishna, SHOWKAT KHALIL WANI, Dr. Supriya Pathak, Amit Kumar Jain, C M Naveen Kumar | 4:30 PM | to | 4:45 PM |
| 6 | 564 | The Future of Marketing Management in Education: AI Applications and Innovations | G Swamy Reddy, Dr. Somanchi Hari Krishna, SHOWKAT KHALIL WANI, Suchitra Yadav, Dr. Kinjalkumar Narendrabhai Mistri, Ardio Sagita | 4:45 PM | to | 5:00 PM |



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Session Name : D1-BA

| Day: | | 1 (Saturday) | Date: | | 8-Feb-25 | |
|------------------------|-----------------|--|--|--|--------------------------------|-------------|
| Venue: | | NB2(AB2) | Time: | | 09:30AM To 11:00 AM | |
| Theme: | | <u>Deep Learning and Neural Networks</u> | | | | |
| Session Chairs: | | | Dr. Davinder Paul Singh | | | |
| | | | Dr. Rupali Gill | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | | Presentation Slot (IST) | |
| 1 | 552 | A Framework for Evaluating the Effectiveness of Explainability Methods in Deep Learning | Ahmad Y. A. Bani Ahmad, Prithu Sarkar, Dr. Brijesh Goswami, Priyanka Rajesh Patil, Khaleel Al-Said, Nidal Al Said | | 9:30 AM | to 9:45 AM |
| 2 | 561 | Deep Learning for Fraud Detection in Bitcoin Transactions: An AI Approach | M Shravan, E. Ajitha, Gioia Arnone, Dr. K. Suresh Kumar, Mohit Tiwari, Kuldeep Chouhan | | 9:45 AM | to 10:00 AM |
| 3 | 616 | Automated Kidney Anomaly Detection Using Deep Learning and Explainable AI Techniques | BOBBA SIVA SANKAR REDDY, Nelluru Laxmi Prathyusha, Dhulipudi Venkata Karthik, Kayala Vishnukanth, Venkatrama Phani Kumar Sistla, Venkata Krishna Kishore Kolli | | 10:00 AM | to 10:15 AM |
| 4 | 618 | A Novel Deep Learning Model for Machine Fault Diagnosis | Katiki Geethika, V Sowmya, K Ravi kiran, K Ravi kiran, Venkatrama Phani Kumar, Venkata Krishna Kishore Kolli | | 10:15 AM | to 10:30 AM |
| 5 | 961 | Navigating Deepfakes with Data Science: A Multi-Modal Analysis and Blockchain-Based Detection Framework | Shalmali Patil, Nilesh Jain, Aparna Bhat, Vishal Javalkar | | 10:30 AM | to 10:45 AM |
| 6 | 1068 | An approach Human Resource Information Systems (HRIS): A Hierarchical Deep Learning Framework for Predicting Employee Satisfaction | V. Betsy Hannah, Dr. Pijush Kanti Tripathi, Lidiya Elizarova, Sandeep Belidhe, Dr M V Rathnamma, Dineshkumar P, | | 10:45 AM | to 11:00 AM |



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Session Name : D1-BB

| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | |
|------------------------|---|--|---|--------------------------------|-------------|
| Venue: | NB2(AB2) | Time: | 11:00AM To 12:30 PM | | |
| Theme: | <u>Machine Learning Algorithms</u> | | | | |
| Session Chairs: | | Dr. Durgesh Srivastava | | | |
| | | Dr. Sangeetha S K B | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 395 | Modelling and Analysis of Network Protocols for Mobile Ad-hoc Networks with Non-Ideal Conditions | Guruprasad Govindappa Venkatesha, Indra Reddy Mallela, Piyush Chauhan, Viharika Bhimanapati, Hemant Singh Sengar, Neelima Singh | 11:00 AM | to 11:15 AM |
| 2 | 427 | Game Theory-Based Power Control in Cooperative Wireless Networks | Abhijeet Bhardwaj, Piyush Chauhan, Siddhey Mahadik, Nalini Nadarajah, Venkatadri Marella, Prof. (Dr) Punit Goel | 11:15 AM | to 11:30 AM |
| 3 | 430 | Cooperative Wireless Network Clustering and Routing Using Ant Colony Optimization | Praveen Kumar Ilamurugan, Vijay Bhasker Reddy Bhimanapati, Piyush Chauhan, Shanmukha Eeti, Dasaiah Pakanati, Raghav Agarwal | 11:30 AM | to 11:45 AM |
| 4 | 431 | Efficient Network Anomaly Detection and Mitigation Strategies for Large-scale Networks | Krishna Prasath Sivaraj, Dheerender Kumar Thakur, Monali Gulhane, Jaswanth Alahari, Rakesh Jena, Aman Shrivastav | 11:45 AM | to 12:00 PM |
| 5 | 432 | Optimization of Wireless Network Performance Through Intelligent Resource Allocation: A Game Theory Approach | Sudharsan Vaidhun Bhaskar, Umababu Chinta, Monali Gulhane, Varun Garg, Raja Kumar Kolli, Niharika Singh | 12:00 PM | to 12:15 PM |
| 6 | 433 | . Network Security Threats and Mitigation Strategies in Mobile Networks: A Machine Learning Perspective | Venkata Reddy Thummala, Phanindra Kumar Kankanampati, Pratik Agarwal, Swethasri Kavuri, Ravi Mandliya, Arpit Goel | 12:15 PM | to 12:30 PM |



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| Session Name : D1-BC | | | | | | |
|-----------------------------|-----------------|--|---|--------------------------------|----|----------------------------|
| Day: | | 1 (Saturday) | | Date: | | 8-Feb-25 |
| Venue: | | NB2(AB2) | | Time: | | 12:30PM To 02:00 PM |
| Theme: | | <u>AI for Autonomous Systems</u> | | | | |
| Session Chairs: | | | Dr.Sachin Jadhav | | | |
| | | | Dr. Lokesh Jain | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 537 | Challenges and Opportunities in Deploying Explainable AI for Financial Risk Assessment | Ahmad Y. A. Bani Ahmad, Dr. Nitin Kulshrestha, Dr. Geeti Sharma, Dr. Kawerinder Singh Sidhu, Khaleel Al-Said, Dr. Nethravathi K | 12:30 PM | to | 12:45 PM |
| 2 | 540 | The Ethical Implications of AI in Management: Navigating Challenges in Decision-Making | Sruthy Murugan Usha, Dr. Chandan Medatwal, Dr. Vutti Purendra Prasad, Dr. Muralidhar L B, Dr. Anurag Rai, Dr. Amit Verma | 12:45 PM | to | 1:00 PM |
| 3 | 541 | Artificial Intelligence in Marketing Management: Enhancing Customer Engagement and Personalization | Charul Verma, Dr. Vijayalakshmi P, Dr. Nidhi Chaturvedi, Dr. Umesh U, Dr. Anurag Rai, Ahmad Y. A. Bani Ahmad | 1:00 PM | to | 1:15 PM |
| 4 | 542 | Customer Experience Management in age of AI: Strategies for Personalization and Loyalty | Dr. G. Saravana Kumar, Samminga Ashok Kumar, Suman Chintala, Dr. Noor Firdoos Jahan, DR. M. SHUNMUGASUNDARAM, Dr. Nikhil Polke | 1:15 PM | to | 1:30 PM |
| 5 | 559 | The Impact of AI on High-Frequency Trading: A New Paradigm in Share Market Dynamics | Kafila, Dr. Somanchi Hari Krishna, Dr. Nitin Kulshrestha, Dr. Kawerinder Singh Sidhu, Roy Budiharjo, Dr. Krishna Murthy Inumula | 1:30 PM | to | 1:45 PM |
| 6 | 562 | AI-Driven Threat Detection: Implementing Multi-Layer Security Networks in Cloud Environments | Puneet Sharma, Dr. D. Santhakumar, Anuj Tyagi, Mr. Kiran Onapakala, V B Thurai Raaj, Krishna Kumar. N6 | 1:45 PM | to | 2:00 PM |



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Session Name : D1-BD

| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | | |
|------------------------|--|---|---|-------------------|----|---------|
| Venue: | NB2(AB2) | Time: | 02:00PM To 03:30 PM | | | |
| Theme: | <u><i>AI and Emerging Technologies</i></u> | | | | | |
| Session Chairs: | | Dr. Poongodi T | | | | |
| | | Dr. Shubham Gargrish | | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot | | |
| | | | | (IST) | | |
| 1 | 677 | Barriers Among Novice Day Traders in the Gulf and AI-Driven Pathways to Success | Hitesh Gupta, Balamurugan Balusamy, Seema Singh | 2:00 PM | to | 2:15 PM |
| 2 | 701 | AI-Driven Mobile Healthcare: Societal Impact, Workforce Adaptation, and Enhanced Predictive Modeling for Diabetes Risk Assessment | Shreyas Rajendra Hole, "Shreyas Hole, Vinothkumar Kolluru, Ranita Ganguly, Sagar Kolekar, Advaita Naidu Chintakunta, Sudeep Mungara" | 2:15 PM | to | 2:30 PM |
| 3 | 732 | Smart Ear Disorder Management With AI-driven Insights and Recommendations | M. R. Santhoosh, K. Akila | 2:30 PM | to | 2:45 PM |
| 4 | 834 | Design and Development of Charity System Model based on Blockchain Technology | Dias Kamza, P. Kumar, S. Rawat | 2:45 PM | to | 3:00 PM |
| 5 | 856 | Edge AI in 6G: Vision, Technologies, and Applications | Vanessa Azucena Monzón Centeno, Jesús Emilio Agustín Padilla Caballero, Claudia Rossana Poma García, Jonathan Orihuela Flores, Wilmer Amado Huamán Malca, Carlos Alberto Ferrando Gómez | 3:00 PM | to | 3:15 PM |
| 6 | 888 | Artificial Intelligence and Emerging Technologies for a Sustainable World – A Survey of Indian Corporates | Batani Raghavendra Rao, Anusha R Batni, Raghavendra S Navaratna | 3:15 PM | to | 3:30 PM |

Session Name : D1-BE

| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | |
|------------------------|---|--|---|--------------------------------|------------|
| Venue: | NB2(AB2) | Time: | 03:30PM To 05:00 PM | | |
| Theme: | <u>Machine Learning Algorithms</u> | | | | |
| Session Chairs: | | Dr. Dilip Kumar Jang Bahadur Saini | | | |
| | | Dr. Suhasini | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 512 | Dynamic Network Modelling for Efficient Resource Allocation in Wireless Networks using Convex Optimization Technique | Vikrant Rana, Pavan Kanchi, Ankit Kumar Gupta, Srinivasulu Harshavardhan Kendyala, Balachandar Ramalingam, Niharika Singh | 3:30 PM | to 3:45 PM |
| 2 | 802 | A Comparative analysis of Network Modelling Approaches for Predicting Performance in Large Scale Networks | Khushmeet Singh, Pratik Agarwal, Vikrant Rana, Jayanth Kolli, Saketh Reddy Cheruku, Aravindsundeeep Musunuri | 3:45 PM | to 4:00 PM |
| 3 | 803 | Optimizing Radio Resource Management in Multi-RAT Wireless Networks Using Reinforcement Learning | Hari Gupta, Sandhyarani Ganipaneni, Akhil Gupta, Chinmay Pingulkar, Arpit Jain, Bipin Gajbhiye | 4:00 PM | to 4:15 PM |
| 4 | 53 | Sentiment Analysis of Movie Reviews Using Machine Learning | Avantika Yadav, Payal Garg, Tarun Jain | 4:15 PM | to 4:30 PM |
| 5 | 264 | Personalized Dementia Prediction Using Machine Learning Techniques | Jayashree S, Kumaran Hariharan, Livedha S, R. Sanjana, T. Ragupathi | 4:30 PM | to 4:45 PM |
| 6 | 265 | Predicting LinkedIn Post Reactions: A Comparative Analysis of Machine Learning Models | Jayashree S, Kumaran Hariharan, Livedha S, R. Sanjana, T. Ragupathi | 4:45 PM | to 5:00 PM |



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| Session Name : D1-CA | | | | | | |
|------------------------|-----------------|---|--|--------------------------------|----|----------------------------|
| Day: | | 1 (Saturday) | | Date: | | 8-Feb-25 |
| Venue: | | NB3(AB2) | | Time: | | 09:30AM To 11:00 AM |
| Theme: | | <i>Machine Learning Algorithms</i> | | | | |
| Session Chairs: | | | | Dr. Mudita Uppal | | |
| | | | | Dr.Damandeep | | |
| Sr. No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 270 | Enhancing Fetal Health Prediction Using Machine Learning and Ensemble Methods | Arti Kori | 9:30 AM | to | 9:45 AM |
| 2 | 290 | EfficientNet-B3 for Advanced Insect Classification: Achieving Superior Accuracy in Ten Distinct Classes | Shanvi Chauhan | 9:45 AM | to | 10:00 AM |
| 3 | 477 | Sentiment Analysis Of Indonesian Twitter Users Towards Panna Cotta | Caitlin Regynee, Michella Giselle, Shannen Angelica Christanto, Dian Kurnianingrum, Kania Alma Tiara. | 10:00 AM | to | 10:15 AM |
| 4 | 502 | A Novel Approach to Security-Driven Web Application Protection through Attack Surface Management | Ch.Prathima (CORRESPONDING AUTHOR), Dr.Irala Suneeth,Srinivasulu Sirisala,S. S.D.K Mahalakshmi,Dr.K. Balaji Nanda Kumar Reddy,Bosubabu Sambana | 10:15 AM | to | 10:30 AM |
| 5 | 539 | Using Machine Learning to Enhance Cybersecurity Threat Detection | Dr. Nilesh Parihar, Priyanka Fernandes, Swati Tyagi, Anuj Tyagi, Mohit Tiwari, Ahmad Y. A. Bani Ahmad | 10:30 AM | to | 10:45 AM |
| 6 | 546 | Optimizing Supply Chain Operations through Machine Learning: Opportunities and Challenges | Dr. D. Santhakumar, Gopalakrishnan Soundararajan, Suman Chintala, Dr. E. Bharath, Dr. Krishna Murthy Inumula, Kuldeep Chouhan | 10:45 AM | to | 11:00 AM |



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Session Name : D1-CB

| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | |
|------------------------|---|---|--|-------------------------|-------------|
| Venue: | NB3(AB2) | Time: | 11:00AM To 12:30 PM | | |
| Theme: | <u><i>AI for Autonomous Systems</i></u> | | | | |
| Session Chairs: | | | Dr. Astha Gupta | | |
| | | | Dr. Prabhnoor Bachhal | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 609 | Cervical Cancer Risk Prediction using SMOTE and Explainable AI | Priyansh Agarwal, Annanya Chaudhary | 11:00 AM | to 11:15 AM |
| 2 | 676 | Examining Acceptance of AI-Driven Robo-Advisors in the Gulf: An Adapted TAM Approach | Hitesh Gupta, Balamurugan Balusamy, Seema Singh | 11:15 AM | to 11:30 AM |
| 3 | 706 | AI-based Learning Techniques for Bladder Cancer Detection | Sandeep Kumar, Saurabh, Ankita Aggarwal | 11:30 AM | to 11:45 AM |
| 4 | 797 | Social Media Sentiment as an Indicator of Electoral Outcomes: A Study of Indian General Elections | Swati Arya, A. Agarwal, A. Lakhera, U. Sharma, C. Jain, and A. Mittal | 11:45 AM | to 12:00 PM |
| 5 | 960 | Integrating Research on AI-Driven Hyper-Personalization: A Review and Framework for Scalable Social Media Campaigns | Shalmali Patil, Aparna Bhat, Nilesh Jain, Vishal Javalkar | 12:00 PM | to 12:15 PM |
| 6 | 1165 | AI in Social Media Marketing: Using Machine Learning to Analyze Trends and Predict Consumer Sentiment | Bhavana Jamalpur, Dr. Somanchi Hari Krishna, Dr. Romica Bhat, Mr. Sneh Binod Prasad, Dr. Sourabh Bhattacharya, Dr. Dhiraj Kapila | 12:15 PM | to 12:30 PM |



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| Session Name : D1-CC | | | | | | |
|-----------------------------|--|--|--|--------------------------------|----|----------|
| Day: | 1 (Saturday) | | Date: | 8-Feb-25 | | |
| Venue: | NB3(AB2) | | Time: | 12:30PM To 02:00 PM | | |
| Theme: | <u>AI and Emerging Technologies</u> | | | | | |
| Session Chairs: | | | Dr. Balajee Maram | | | |
| | | | Dr. Firoz Khan | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 975 | AI for Disaster Management: Predictive Models and Response Strategies | Geetha Manoharan, Mrs. Devupalli Saroja, Dr. Damodar S. Hotkar, Dr. Bijaya Bijeta Nayak, Dr. Anand Pandey, SACHIN TRIPATHI | 12:30 PM | to | 12:45 PM |
| 2 | 1020 | Comprehensive Framework for Analyzing Grammar Error Correction with GPT -3.5 | Rajni Kant Munda, Abhishek Kumar, Ravi Kumar Burman, Biresh Kumar, Md. Shoab Alam, Anurag Sinha | 12:45 PM | to | 1:00 PM |
| 3 | 1173 | Exploring Emerging AI and IoT Technologies to Enhance Customer Relationship Management in 5G Networks | Bandela Sathyavani, Jaipal Reddy Poddutoori, Dr. Sudarshan A. Pawar, Devleena Banerjee, Dr. Muralidhar L B, Dr. Dhiraj Kapila | 1:00 PM | to | 1:15 PM |
| 4 | 1177 | Future Trends in HRM: The Role of Artificial Intelligence and Automation in Shaping the Workplace | Geetha Manoharan, Dr. Somanchi Hari Krishna, Dr. Shaifali Garg, Dr. Prasanta Chatterjee Biswas, Dr. Melanie Lourens, Dr. Dhiraj Kapila | 1:15 PM | to | 1:30 PM |
| 5 | 1233 | Big Data Clustering Algorithms: Improving Efficiency and Scalability for Massive Data Mining and Pattern Recognition | Shanmugam Muthu, G Ramesh Kalyan, V.Samuthira Pandi, Shobana D, Lakshmi Priya J, Jaishika S | 1:30 PM | to | 1:45 PM |
| 6 | 273 | Quantifying Performance Trade-offs in Network Virtualization for Cloud Computing Environments | Guruprasad Govindappa Venkatesha, Rashmi Sharma, Venkatadri Marella, Krishna Prasath Sivaraj, Vinay Acharya, Prof. (Dr) Punit Goel | 1:45 PM | to | 2:00 PM |



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Session Name : D1-CD

| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | |
|------------------------|---|--|---|--|--------------------------------|
| Venue: | NB3(AB2) | Time: | 02:00PM To 03:30 PM | | |
| Theme: | <u>Machine Learning Algorithms</u> | | | | |
| Session Chairs: | | Dr. Sagar Dhanraj Pande | | | |
| | | Dr. Prabhash Chandra Pathak | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | | Presentation Slot (IST) |
| 1 | 547 | Using Machine Learning to Enhance Personalization in E-Learning | Ahmad Y. A. Bani Ahmad, Dr. Kannan Kunnathully, Srinivasarao Thota, Dr. Meeta Joshi, Khaleel Al-Said, Nidal Al Said | | 2:00 PM to 2:15 PM |
| 2 | 549 | Machine Learning for Fraud Detection in Banking Systems | Ahmad Y. A. Bani Ahmad, Dr. V. Sivakamy, Dr. V. Vimala, Dr. Sonali Gupta, Khaleel Al-Said, Nidal Al Said | | 2:15 PM to 2:30 PM |
| 3 | 557 | Smart Antennas and Machine Learning: Enhancing Beamforming in Wireless Communications | A V V Sudhakar, Upasana Sharma, K. Visala, Dr. K. Suresh Kumar, Dr. Chirag Arora, Kuldeep Chouhan | | 2:30 PM to 2:45 PM |
| 4 | 599 | Sentence Embeddings Using n-Gram Features and Contrastive Learning for Multilingual Datasets | Mansi Singh, Harsimranjeet Kaur, Enjula Uchoi | | 2:45 PM to 3:00 PM |
| 5 | 704 | Long Short-Term Memory (LSTM) Networks for Stock Market Prediction | Anish Gupta, Lalit Kumar Tyagi, Vibhash Singh Sisodia | | 3:00 PM to 3:15 PM |
| 6 | 705 | Machine Learning for Smart School Selection and Admissions | Anish Gupta, Lalit Kumar Tyagi, Sandeep Kumar | | 3:15 PM to 3:30 PM |
| 7 | 261 | Machine Learning Based Biomarker Identification for Early Chronic Kidney Disease Diagnosis | Harwinder Sohal | | 3:30 PM To 3:45 PM |



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| Session Name : D1-CE | | | | | | |
|-----------------------------|--|---|---|--------------------------------|----|---------|
| Day: | 1 (Saturday) | Date: | 8-Feb-25 | | | |
| Venue: | NB3(AB2) | Time: | 03:30PM To 05:00 PM | | | |
| Theme: | <i>AI and Emerging Technologies</i> | | | | | |
| Session Chairs: | | | Dr. Manju Khurana | | | |
| | | | Dr Priyanka chandani | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 352 | A BLOCKCHAIN APPLICATION FOR THE AUTHENTICATION OF CERTIFICATES | Dr.A.Deepa, Dr.Subathra.G, Vignesh Srinivasan | 3:30 PM | to | 3:45 PM |
| 2 | 372 | Applying Quantum Linguistics in Patient-Clinical Trial Relations for Improved Healthcare System | Chandani Arora, Ramandeep Sandhu, Sardar M.N. Islam | 3:45 PM | to | 4:00 PM |
| 3 | 554 | Blockchain based security solutions for IOT networks: Analysing efficacy and implementation challenges | Gotte Ranjith Kumar, Mr. Chamaraju Y S, Umar M Mulani, Anil Kumar Jakkani, Auadhathi Datta, Dr. Budesh Kanwer | 4:00 PM | to | 4:15 PM |
| 4 | 555 | Exploring blockchain solutions: Integrating cryptocurrency with IoT for enhanced security | M Shravan, Dr. Shital Kakad, Umar M Mulani, Dr. Geeti Sharma, Mohit Tiwari, Mary Shiba C | 4:15 PM | to | 4:30 PM |
| 5 | 764 | Blockchain Technology: Reshaping Telemedicine and Telehealth Services for Emergency Management | Prof. (Dr.) Neelam Singh, Varsha Mittal, Vandana Rawat, Priyansh Kumar | 4:30 PM | to | 4:45 PM |
| 6 | 876 | Diagnosis, Prediction, and Risk Factor Analysis of Multiple Sclerosis Disease using Quantum Machine Learning Classifier | Jyoti Garg, Vaishali Mehta Wadhwa, Harminder Kaur, Rohak Tiwari, Vasu Mittal, Avinash Sharma | 4:45 PM | to | 5:00 PM |



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| Session Name : D2-AA | | | | | | |
|-----------------------------|-----------------|---|--|--------------------------------|----|----------------------------|
| Day: | | 2 (Sunday) | | Date: | | 9-Feb-25 |
| Venue: | | NB1(AB2) | | Time: | | 09:30AM To 11:00 AM |
| Theme: | | <i>Deep Learning and Neural Networks</i> | | | | |
| Session Chairs: | | | | Dr Ajeet Singh | | |
| | | | | Dr Azad Hussain | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 1077 | The Role of HR in Sustainable and Ethical Supply Chain Management Using a Residual Neural Network Approach | Dr. Zulfugarova Seljan Rauf, Dr. P. Vanitha, Dr. R. Sethumadhavan, Dr. M. Kathiravan, Kalaivani T, Manu Vasudevan Unni | 9:30 AM | to | 9:45 AM |
| 2 | 1205 | Proposal and Implementation of Neural Network-Based Approach for Secure Speaker Recognition Using Spectrograms | Arindam Bindlish, Vaibhav Gujral, Rosy Madaan, Praveen Kumar | 9:45 AM | to | 10:00 AM |
| 3 | 1242 | Classification of Operational Records in Aviation Using Deep Learning Approaches | AZIIDA NANYONGA, Graham Wild | 10:00 AM | to | 10:15 AM |
| 4 | 952 | Empowering Social Sciences with Data Visualization - An Insights and Explorations into Behavioral Patterns and Urban Dynamics | Raihana Parveen R Yeo Boon Chin Naveen K Sonia B Ramana B Lakshmi Alekhya G | 10:15 AM | to | 10:30 AM |
| 5 | 225 | Efficient HyperFused Model for Stratification of Concurrent Facial Expressions | A. Deepa, S. Ponmaniraj, V. Sheeja Kumari | 10:30 AM | to | 10:45 AM |
| 6 | 1175 | Sign Language Recognition using Deep Learning | Bablu Kumar, Shabanam Kumari, Tarun Kumar | 10:45 AM | to | 11:00 AM |

Session Name : D2-AB

| Day: | 2 (Sunday) | Date: | 9-Feb-25 | | |
|------------------------|---|---|---|-------------------------|-------------|
| Venue: | NB1(AB2) | Time: | 11:00AM To 12:30 PM | | |
| Theme: | <u>Machine Learning Algorithms</u> | | | | |
| Session Chairs: | | Mr. Naveen Ananda Kumar Joseph Annaiah | | | |
| | | Dr. Shubham Mahajan | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 855 | Teaching Machine Learning in K–12 Education: Potential and Challenges | Gissela del Pilar Aldana Bravo, Jesús Emilio Agustín Padilla Caballero, Jhonn Robert Ruiz De la Cruz, Kathy Flores Cabrera De Ruiz, Ruth Janet Toledo Purguaya, Obed Isaías Matías Cristóbal, | 11:00 AM | to 11:15 AM |
| 2 | 914 | Preliminary Poultry Disease Identification: A Comparative Analysis of Classifiers Utilizing PCA for Improved Agricultural Health Surveillance | Purvi Chauhan, Vikas Goyal, Rahul Mukherjee, Ajay Yadav | 11:15 AM | to 11:30 AM |
| 3 | 951 | Network Threat Monitoring System Using Machine Learning | Sai yohathaa sri R G, Rithika N S, M.Jamuna Rani | 11:30 AM | to 11:45 AM |
| 4 | 1008 | Smart City Cybersecurity: Leveraging Machine Learning for Advanced Ransomware Detection and Prevention | Yogeshwar Prajapati, Om Prakash Suthar, Krupali Gosai, Sushil Kumar Singh | 11:45 AM | to 12:00 PM |
| 5 | 1160 | Machine Learning Algorithms for Cloud-Based Educational Games: Engaging Students with Adaptive Learning Systems | Ravindar B, Mahipal Reddy Podduturi, D KHALANDAR BASHA, Chinnem Rama Mohan, Ms. Geetanjali Popat Rokade, Dr. M. Kalyan Chakravarthi | 12:00 PM | to 12:15 PM |
| 6 | 1220 | A Comparative Analysis of Machine Learning Approaches for Stock Price Prediction | Thrushna Matharasi, Sanjeev Lakkaraju, Isha Mukherjee | 12:15 PM | to 12:30 PM |
| 7 | 1224 | Automated Fruit Disease Diagnosis Leveraging Machine Learning Techniques | Archna Goyal, Dr. Kamlesh Lakhwani | 12:30 PM | to 12:45 PM |



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Session Name : D2-AC

| Day: | 2 (Sunday) | Date: | 9-Feb-25 | | |
|------------------------|---|--|--|-------------------------|-------------|
| Venue: | NB1(AB2) | Time: | 12:30PM To 02:00 PM | | |
| Theme: | <u><i>AI for Autonomous Systems</i></u> | | | | |
| Session Chairs: | | Dr. Nibedan Panda | | | |
| | | Dr. Amit Pandit | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 1184 | Smart Resume Analyzer: An Automated Approach for Recruitment Process | Kajal Rai, Pawan Kuma | 12:30 PM | to 12:45 PM |
| 2 | 429 | Enhancing Network Resilience with Dynamic Traffic Engineering using Load Balancing Technique | Vaidheyar Raman Balasubramanian, Monali Gulhane, Bhageerath Bogi, Saurabh Kansal, Ashvini Byri, Shalu Jain | 12:45 PM | to 1:00 PM |
| 3 | 583 | COMPUTER AIDED DIAGNOSIS MULTIMODEL SYSTEM USING LATE FUISON AND ENSEMBLE LEARNING | Gunabhiram Aruru, Vanam Nikhil, Dr. M.Kani Priya, Dr. M. Suganiya, Dr. M. Salomi | 1:00 PM | to 1:15 PM |
| 4 | 809 | Digital Agriculture Platforms: Empowering Farmers and Enhancing Market Accessibility | Dr. Kavita Tukaram Patil, Shruti Patil, Harshada Patil, Madhavika Salunke, Shreyas Chandwadkar, Dr.Makarand Shahade | 1:15 PM | to 1:30 PM |
| 5 | 1156 | Data Protection and Privacy in HRM: Challenges and Solutions with Blockchain | Ramesh R, Dr. P. Thamaraiselvi, Dr. Toopalli Sirisha, Dr. Nalla Bala Kalyan, Dr. Kawerinder Singh Sidhu, DR. S. JABEEN BEGUM | 1:30 PM | to 1:45 PM |
| 6 | | | | 1:45 PM | to 2:00 PM |



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| Session Name : D2-AD | | | | | | |
|-----------------------------|--|---|--|--------------------------------|----|---------|
| Day: | 2 (Sunday) | | Date: | 9-Feb-25 | | |
| Venue: | NB1(AB2) | | Time: | 02:00PM To 03:30 PM | | |
| Theme: | <i>Computer Vision and Image Processing</i> | | | | | |
| Session Chairs: | | | Dr. Hari Mohan Rai | | | |
| | | | Dr. Neeta Kumari | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 43 | Machine Vision Technique with Image Segmentation in Digital Diagnostic System for Lung Cancer Detection | Devyani Rawat,Sachin Sharma, Shuchi Bhadula | 2:00 PM | to | 2:15 PM |
| 2 | 284 | Leveraging XGBoost for Accurate Brain Stroke Prediction: An Innovative Approach to Data-Driven Healthcare Solutions | Ruchika Bhuria, Komuravelly Sudheer | 2:15 PM | to | 2:30 PM |
| 3 | 291 | Advanced Animal Image Classification Using the Xception Model: Achieving High Accuracy in Diverse Species Recognition | Jatin Sharma | 2:30 PM | to | 2:45 PM |
| 4 | 340 | DenseNet-Based Approach for Early Detection and Classification of Alzheimer's Disease Using MRI Images | Parul Nasra, Sheifali Gupta | 2:45 PM | to | 3:00 PM |
| 5 | 351 | REVOLUTIONIZING CLOUD SECURITY THROUGH CREATION OF NOISE IMAGES FOR FILE ENCRYPTION IN A CLOUD BASED ENVIRONMENT | Dr.A.DEEPA, Dr.Rahin Batcha.R, Dr.T.Anitha | 3:00 PM | to | 3:15 PM |
| 6 | 409 | Enhancing Breast Cancer Diagnosis with Vision Transformers: A Novel Approach using Mask-Guided Attention for Ultrasound Image Classification. | Deena Sivakumar, Anamika Kumari, Divya Dharshini K, Samiksha S, Hemachandran M | 3:15 PM | to | 3:30 PM |



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Session Name : D2-BA

| Day: | 2 (Sunday) | Date: | 9-Feb-25 | | | |
|------------------------|--|--|---|--------------------------------|----|----------|
| Venue: | NB2(AB2) | Time: | 09:30AM To 11:00 AM | | | |
| Theme: | <i>Internet of Things (IoT)</i> | | | | | |
| Session Chairs: | | Dr. Sheik Abdullah A | | | | |
| | | Dr. Ateeq Ur Rehman | | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 1129 | Enhancing IoT Security: A Comparative Analysis of Machine Learning Algorithms for Attack Detection | Muskan Garg, Dr. Sima | 9:30 AM | to | 9:45 AM |
| 2 | 1161 | IoT-Driven Data Analytics: Transforming Digital Marketing Campaigns with Real-Time Consumer Insights | Bhavana Jamalpur, Diwakar Reddy Peddinti, Dr. Sudarshan A. Pawar, Dr. Aatish Dilip Zagade, Mahipal Reddy Podduturi, Dr. Dhiraj Kapila | 9:45 AM | to | 10:00 AM |
| 3 | 1166 | AI and IoT in Digital Marketing: Enhancing Automation, Personalization, and Consumer Interaction | Suman Naredla, Madhulika singh, Dr. Nidhi Chaturvedi, Devleena Banerjee, Dr. V. M. Gobinath, Dr. Anil Tiwari | 10:00 AM | to | 10:15 AM |
| 4 | 1167 | Adaptive Learning Systems: Integrating IoT Sensors with Machine Learning for Dynamic Curriculum Adjustment | Rajeshwarrao Arabelli, Dr. S. Surya, Mrs. Sindhu Boianapalli, Dr. S. Vijaya Kumar, Dr. Mamta Thakur, Dr. M. Kalyan Chakravarthi | 10:15 AM | to | 10:30 AM |
| 5 | 1211 | AI POWERED Cryptography for Secure Machine-to-Machine (M2M) Communication in IoT Networks | C Balarama Krishna, Saai Krishnan Udayakumar, Sri Bhargav Krishna Adusumilli, Chinnem Rama Mohan, Dr. T. Keerthika, Dr. Dhiraj Kapila | 10:30 AM | to | 10:45 AM |
| 6 | | | | 10:45 AM | to | 11:00 AM |



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Session Name : D2-BB

| Day: | 2 (Sunday) | Date: | 9-Feb-25 | | |
|------------------------|--|--|---|--------------------------------|-------------|
| Venue: | NB2(AB2) | Time: | 11:00AM To 12:30 PM | | |
| Theme: | <u>AI and Emerging Technologies</u> | | | | |
| Session Chairs: | | Dr. Ashish Srivastava | | | |
| | | Dr. Monica Dutta | | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | |
| 1 | 880 | Explainable AI in Blockchain System for Decentralized Governance | Suman Chahar, Kawaljit Kaur, Kuldeep Singh Kaswan, Jagjit Singh Dhattewal | 11:00 AM | to 11:15 AM |
| 2 | 973 | Blockchain for Machine Learning: Security and Trust in Data Sharing | G Ravi Kiran, Mr. Nakka Maisaiah, Mrs. T V Divya, G V Subba Reddy, Prof. Dr. Sailaja Petikam, M. K. Sharma | 11:15 AM | to 11:30 AM |
| 3 | 998 | Quantum Bootstrap in Microcanonical Ensembles: Computational Insights and Applications | Shujaatali Badami | 11:30 AM | to 11:45 AM |
| 4 | 1232 | Improving Data Encoding for Enhanced AI Performance in Complex Datasets via Quantum Feature Space Mapping: Harnessing Quantum Algorithms | Gurpreet Singh Walia, Sathiya Priya S, KV Karthikeya, V.Samuthira Pandi, Lakshmi Priya J, Shobana D | 11:45 AM | to 12:00 PM |
| 5 | 1168 | An approach Human Resource Information Systems (HRIS): A Hierarchical Deep Learning Framework for Predicting Employee Satisfaction | V. Betsy Hannah, Dr. Pijush Kanti Tripathi, Lidiya Elizarova, Sandeep Belidhe, Dr M V Rathnamma, Dineshkumar P, | 12:00 PM | to 12:15 PM |
| 6 | 911 | Integrating Artificial Intelligence into STEAM Education: Preparing Future Generations Through Intelligent Systems and IoT-Enhanced Learning | Nam Le, Hamed Taherdoost | 12:15 PM | to 12:30 PM |

| Session Name : D2-BC | | | | | | |
|-----------------------------|-----------------|--|--|--------------------------------|----|----------------------------|
| Day: | | 2 (Sunday) | | Date: | | 9-Feb-25 |
| Venue: | | NB2(AB2) | | Time: | | 12:30PM To 02:00 PM |
| Theme: | | Computer Vision and Image Processing | | | | |
| Session Chairs: | | | | Rajeev Ranjan Tripathi | | |
| | | | | Dr. N Thirupathi Rao | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 620 | A Novel Transfer Learning-based Efficient-Net for Visual Image Tracking | Sowmya Sri Puligadda, Karthik Galla, V.Sai Subbarao, P.Usha Lakshmi, S V Phani Kumar | 12:30 PM | to | 12:45 PM |
| 2 | 1163 | Combining Image Processing and Machine Learning for Object Detection in Complex Environments | Durgam Rajababu, Sri Bhargav Krishna Adusumilli, Chinnem Rama Mohan, Dr. T. Arun Srinivas, Dr. V. M. Gobinath, | 12:45 PM | to | 1:00 PM |
| 3 | 1192 | Enhancing Underwater Image Captioning Using Transformer Models and Augmented Terrestrial Datasets | Rohan Gamidi, M Hemasri, Tejaswi Muppala, Vinitha Chowdary A, Aiswariya Milan K, Suja Palaniswamy | 1:00 PM | to | 1:15 PM |
| 4 | 1023 | Advancing Pediatric Appendicitis Diagnosis: Harnessing CNN and Hybrid Models with Ultrasound Imaging | Supritha Kulkarni, Sanchit Sharma, Manavi J, Vachana U, M S Bhargavi | 1:15 PM | to | 1:30 PM |
| 5 | 1049 | Optimizing Kidney Stone Detection with Vision Transformers and CNNs: A Transfer Learning Strategy | Supritha Kulkarni, Suhaas Rao S, Tushar Kumar Chopra, Yeshwanth S P, Bhanushree K J, Suneetha K R | 1:30 PM | to | 1:45 PM |
| 6 | 1122 | Multiple Disease Prediction From Retinal Images Using Deep Learning Algorithm | B.Rishikesh, K.Karthikayani | 1:45 PM | to | 2:00 PM |



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| Session Name : D2-BD | | | | | | |
|-----------------------------|-----------------|---|---|--------------------------------|----|----------------------------|
| Day: | | 2 (Sunday) | | Date: | | 9-Feb-25 |
| Venue: | | NB2(AB2) | | Time: | | 02:00PM To 03:30 PM |
| Theme: | | <i>Natural Language Processing (NLP)</i> | | | | |
| Session Chairs: | | | | Dr. Deepak Kumar Verma | | |
| | | | | Dr. Prajwalasimha S N | | |
| Sr.No. | Paper ID | Paper Title | Author(s) | Presentation Slot (IST) | | |
| 1 | 385 | FedEnv-Net: Federated Neural Network for Decentralized Health Risk Prediction in Dynamic Urban Environments | M. Priyadharshini, V. Murugesh , Subrata Chowdhury, Bibhuti Bhsan Dash, Utpal Chandra De, Sudhansu Shekhar Patra | 2:00 PM | to | 2:15 PM |
| 2 | 496 | Ethics in Natural Language Processing: Addressing Bias, Privacy, and Misinformation | Himanshu Sanjay Joshi, Hamed Taherdoost | 2:15 PM | to | 2:30 PM |
| 3 | 736 | Enhancement on Multi-speaker Speech Separation and Speaker Profiling | Senthil Kumar A, Girisha G S, Selvaraj Kesavan, Rajkumar Bojan, Nagaraj S | 2:30 PM | to | 2:45 PM |
| 4 | 1162 | Image Captioning Using Deep Learning: Bridging the Gap between Vision and Natural Language Processing | Rajchandar K, Dr. Kingshuk Srivastava, Dr. MD Javeed Ahammed, Dr. Niket Tajne, Sharayu Anap, R KAVITHA | 2:45 PM | to | 3:00 PM |
| 5 | 964 | Stress reduction through Music using ESP8266 | Renusree Manchigarla, Pullaiah Nidiganti, Dharani Buddha, Prasad Jammula , Cheedaraboina Durga prasad, Devineni Venkata Bala Sai, Veerabrahmam Kannalli | 3:00 PM | to | 3:15 PM |
| 6 | 1137 | Exploring the Use of Machine Learning in Formative Assessment of English Speaking Skills | Dr. Sreela B, Dr Ch.Paul Krupakar, Orkhan Baylarzada, Dr. Bijit Das, Lakhya Das, Dr. Prema S | 3:15 PM | to | 3:30 PM |