DAY 1 Schedule (19/03/2024-Tuesday)

TIME	EVENT	VENUE
9.00-11.00 am	Registration	In front of Auditorium
9:00 - 11.50 am	Inauguration	Auditorium
11.50– 12:30 pm	**High Tea**	**Ground Floor, Law Build.**
12:30 -1:00 pm	Address by Keynote speaker Prof Amita Dev, VC , IGDTUW, New Delhi	Auditorium
1:00-1:30 pm	Address by Keynote speaker Dr. Kiran Gulia, University of Wolverhampton, UK	Auditorium
1:30 -2:00 pm	Address by Keynote speaker Prof. Tapan Kumar Gandhi, IIT,Delhi	Auditorium
2:00 -2:30 pm	**Lunch**	**Ground Floor, Law Build.**

Sessions #1	Time: 2:30-5:00 pm	Venue: Conference Room, MSIT

Track 1: Deep AI & Neural Networks

Session Chair: Prof Smriti Srivastava, NSUT, New Delhi

Session Co-Chair: Prof. Meena Tushir, MSIT, New Delhi

Paper ID	Paper Title	Author Names
4	SignSensei: Advancing Universal Communication through Deep Learning	Prabhjot Kaur*; Anupama Kaushik ; Aryan Anand ; Apoorv Mohit ; Jasneet
121	The DAWN Framework: Integrating SDN and Machine Learning for Enhanced DDoS Resistance	Aspen Olmsted *, Aisha Lalli
130	Epilepsy Detection using Novel Bayesian Optimized Stacked Deep Learning Layers	Dinesh Sheoran; Parveen Kumar; Shalu ; Sonia Rathee *
161	Enhancing disease detection prediction accuracy of grape leaves using VGG16 model and Inception V3 model	Deepshikha Yadav ;Archana Balyan* ; Suman Mann ;Aayush Ranga
189	Anomaly Detection in Online Social Media through Advanced AI Techniques and Topic Modelling	Navdeep Bohra;Deepti Deshwal; Ashish Kumari*; Amita Yadav; Anamika Rana
204	Unveiling Fake News Detection Models and their Integration into Web Systems: An Extensive Investigation	Vimal Gaur*; Naman Veerwal; Ujjwal
218	Heart Disease Prediction Using Machine Learning Classifiers with Various Balancing Techniques	Uzama Sadar ; Parul Agarwal* ; Suraiya Parveen; Geetika Dhand; Kavita Sheoran

Sessions #2	Time: 2:30-5:00 pm	Venue: Hall No #06, MSIT

Track 2: Computational Intelligence Applications using Free and open source software solutions

Session Chair: Prof. Suresh Kumar, Manav Rachna University

Session Co-Chair: Dr. Sandeep Jaglan , MSIT, New Delhi

Paper ID	Paper Title	Author Names
160	Enhancing Social Media User Engagement through Personalized Content Classification	Deepshikha Yadav *; Suman Mann ; Archana Balyan ; Jyoti Prajapati
185	IOT Based Water Quality Monitoring System for Aquaculture	Shaifali M. Arora*;Poonam Kadian; Anshul Pareek
213	Machine learning based Energy optimization and anomaly detection for Heterogeneous Wireless Sensor Network	Dr.Tripti Sharma *; Archana Balyan ; Ajay Kumar Singh ; Tanveen Kaur ; Ritika Singhal
219	Enhanced LCC Compensation Topology with Integrated Duo Transmitter Winding for Efficient Wireless Power Transmission in EV	Sachit Rathee *; G.L. Pahuja
239	User Profile Management using Deep Learning for Assistive Headgear	Siddharth Dhondiyal ; Harshit Goyal ; Shubham Ahuja ; Nishtha Jatana
245	Speaker Identification System using Audio Signal and Deep Learning Method	Neelam Nehra *; Pardeep Sangwan ; Neelu Trivedi

| 254 | Facial Detection in Computer Vision: Bridging Gap between CNN, HAAR CASCADE and MTCNN | Nipun Singhal; Dr. Nidhi Gupta; Dr Ajay Kumar Singh |

Sessions #3	Time: 2:30-5:00 pm	Venue: Hall No #206, MSIT
Track 3: AI for IOT Applications		
Session Chair: Prof. Amit Prakash, GGSIPU, New Delhi		
Session Co-Chair: Dr. Anupama Kaushik , MSIT, New Delhi		
Paper ID	**Paper Title**	**Author Names**
34	Social Sentiment Analysis of ChatGPT-Related Tweets: An Artificial Intelligence Approach	Girisha Sahdev, Ishika; Muskan Joshi; Priyanka Behera; Neetu Singh*
41	AI-based Product Recommendation Model using Lyre Bird Optimization-based Jordan Recurrent Neural Network	Nidhi Beniwal*; Om Prakash Verma
66	Vision-Based Intelligent System: Augmented Reality for Indoor Navigation	Gaurav Jain *; Chandan Kumar ; Prashant Kumar ; Aakanshi Gupta
168	A Chatbot using Artificial Neural Networks for Educational Institutions Related FAQs	Arupananda Sahoo ; Saroj K Panigrahy*; Dr Srinivas Sethi
178	Next-Generation Networking: A Hybrid Dynamic Machine learning aided routing Protocol with Advanced Security, and	Bhupendra Singh *; Sushma Singh ; Akash Roushan; Devanshu Mehta ;
194	A Multi-Key Authentication and Data Sharing Model in Blockchain Networks	Neha Mathur *; Shweta Sinha
236	VAEMDD: VAE-Based Multi-Modal Analysis for Enhanced Mispronunciation Recognition	Chesta Agarwal *; Shreya Sharma ; Pinaki Chakraborty

Sessions #4	Time: 2:30-5:00 pm	Venue: Hall No #406, MSIT
Track 4: Innovative Inter-disciplinary advances in communication Technologies: Integrating AI & ML		
Session Chair: Dr. Monika Bhutani , Associate Professor, BVCOE, New Delhi		
Session Co-Chair: Prof. Rinky Dwivedi , MSIT, New Delhi		
Paper ID	**Paper Title**	**Author Names**
30	A Survey Paper on Data Security in Digital Information using Machine Learning	Abhishek Saini * ,Ruchi Sehrawat
40	AI Empowerment in Maternal Health: Unraveling Psychological Dynamics during Pregnancy through Advanced Remote Monitoring Techniques	Neha Irfan* ;Sherin Zafar ; Ishita
95	Identification of Severity in Non-Alcoholic Fatty Liver Disease using Machine Learning Algorithms	Koteswara Rao Makkena*; Karthika Natarajan
99	Quality of Service Based Traffic Prediction Mechanism for Autonomous Vehicles Using Artificial Intelligence	Alok Kumar *; Deepanshu Garg ; Geetika Sharma
133	Strengthening Security of Digital Information through Physiological Keys and Triple Layer Encryption	Abhishek Saini *; Ruchi Sehrawat
208	RNN-CNN Based Hybrid Deep Learning Model for Mental Healthcare	Parul Agarwal *; Sonali Chopra ; Jawed Ahmed ; Siddhartha Sankar Biswas ; Ahmed J. Obaid
225	Deciphering Parkinson's Disease Progression: An Advanced Machine Learning Approach utilizing Integrative ANN Architectures	Pranjal Mohan Pandey*; Sakalya Mitra ; Shalu Singh ; Ajeet Singh

DAY 2 Schedule (20/03/2024-Wednesday)

TIME	EVENT	VENUE
9.00: 9:30 am	Key Note Address by Dr. Himanshu Thapliyal, University of Tennessee, USA(online)	Hall No # 206
9:30-10:00 am	Key Note Address by Prof. Saraju P. Mohanty, University of North Texas, USA(online)	Hall No # 206
10:00-10:30 am	Key Note Address by Prof. Ram Bilas Pachori, IIT, Indore	Hall No # 206
10:30-11:00 am	Key Note Address by Prof. Sachi Nandan Mohanty, VIT, AP University	Hall No # 206
11:00-11:30 am	Address by Keynote speaker Dr. Amit M Joshi, MNIT, Jaipur	Hall No # 206

Time: 9:00-11:30 am	Venue: Room No. 107, MSIT

Online Session

Session Chair: Dr. Charu Gupta, Associate Professor,BPIT, New Delhi

Session Co-Chair: Prof. Tripti Sharma, MSIT, New Delhi

Paper ID	Paper Title	Author Names
98	Utilizing Quantum-enhanced Dynamic Clustering for Optimized Path Selection in WBANs featuring Optical Biosensors Technology	Poonam Sharma ; Kamaljit Singh Saini ;Prabhjot Kaur *
118	Skeleton-imposed Yoga Posture Generation and Classification using Convolutional Neural Network	Hiren K Mewada*; Miral Desai
122	Analyzing Cough Sounds For Detecting Covid-19 Using Deep Learning	Harshni R *; Trisha S ; Varshini K ; Madhan Kumar T; Jagathesh P
135	Nested Fitness Functions in Genetic Algorithms for Exam Scheduling	Mark Mixer *; Steven Morrow ; Lev Sukherman
188	CNN-Enabled Detection System for Agricultural Anomaly Anticipation	Sandeep Kumar; Vikrant Shokeen*; Amit Sharma; Sangeeta; Sitender
205	CyberSecurity Focused DeepFake Detection System Using Big Data	Naresh Kumar; Ankit Kundu *
243	Innovative Residential Real Estate Prognostication: Harnessing Machine Learning Insights for Precise Price Predictions	Navya Manjari Uppaluri*;Kunal Jain; Shreeya Dheera Parvatham
248	One Noise to Rule Them All: Multi-View Adversarial Attacks with Universal Perturbation	Mehmet Ergezer *; Abdurrahman Zeybey; Christian Green ; Phat Duong; Tommy Nguyen

Sessions #5	Time: 11:30-1:30 pm	Venue: Conference Room, MSIT

Track 5: Evolutionary Algorithms

Session Chair: Prof. KPS Rana, NSUT, New Delhi

Session Co-Chair: Prof. Archana Balyan , Dr. Deepshikha Yadav, MSIT, New Delhi

Paper ID	Paper Title	Author Names
33	BIRFS is a Threat Model for Software Systems that utilize Artificial Intelligence or Machine Learning algorithms.	Aspen Olmsted *
53	Utilizing Neural-Prophet to Predict Short-Term Electrical Load	Mohit Choubey*; Jigyendra Yadav ; Rahul Kumar Chaurasiya
68	Artificial intelligence for early detection of Breast Cancer: Comparative analysis using Ensemble methods	Suyash Kumar*; Neetu Agrawal ; Anjana Gosain
82	Predictive Modelling of Multimodal Single Cell Genomic Data with Machine Learning Algorithms	Faraz Khan *; Jazlaan Ur Rehman ; Bhavya Alankar
187	Effective Deep Learning based Methodology for Cancer Classification in Lung CT Images	Manju Dabass *; Jitender Singh Virk ; Anuj Chandaliya ; Keyurkumar Girishbhai Mandaliya ; Arpit Kothari
210	Integrating Human Vision Perception in Vision Transformers for classifying waste items	Akshat Shrivastava *; Tapan Kumar

| 241 | An Attention-based Deep-Learning Model for Enhanced Pulmonary Nodule Diagnosis | Manju Dabass *; Anuj Chandalia ; Dwarikanath Mahapatra ; Ram Senasi |

Sessions #6	Time: 11:30-1:30 pm	Venue: Hall No #06, MSIT

Track 6: Recent Trends in Artificial Intelligence: IOT

Session Chair: Prof. Poonam Bansal, IGDTUW, New Delhi

Session Co-Chair: Prof. Koyel Datta Gupta , MSIT, New Delhi

Paper ID	Paper Title	Author Names
58	From Mathematical Foundations to Artificial Intelligence: Evolution of Nuclear Medicine Imaging	Youssef Qranfa*
271	IoT-Driven Remote Cardiac Health Monitoring with Deep Convolutional Neural Network	Priyanka Dhaka ; Ruchi Sehrawat ; Bharti Nagpa; Xiaochun Cheng ; Shweta Singhal *; Vani Garg
91	Advancing Brain Tumor Detection in Noisy Environments using Quantum-Assisted MRI Scan Utilizing Interval Type-2 Fuzzy Sets	Jyotsna Rathee; Prabhjot Kaur *; Ajmer Singh
38	Noisy Digital Image Segmentation based on Different Similarity Measures using Clustering Approach	Jyotsna Rathee ; Prabhjot Kaur *; Ajmer Singh
143	Enhancing COVID-19 Diagnosis Accuracy and Transparency with eXplainable Artificial Intelligence (XAI) Techniques	Sonika Malik *; Preeti Rathee
209	Sentiment Analysis on Speech Signals: Leveraging MFCC-LSTM Technique for Enhanced Emotional Understanding	Suman Lata*; Neha Kishore ; Pardeep Sangwan
124	A Soft Computing based Approach for Intrusion Detection	Partha Garai *; Jayashree Das

Sessions #7	Time: 11:30-1:30 pm	Venue: Hall No #206, MSIT

Track 7: Robotics & AI

Session Chair: Prof. Narender Kumar, DTU, New Delhi

Session Co-Chair: Prof. Puneet Azad , MSIT, New Delhi

Paper ID	Paper Title	Author Names
39	Comparative analysis of hyperspectral image classification Algorithms	Pooja Dahiya *; Kavita Rathi
44	Real-Time Conversion for Sign-to-Text and Text-to-Speech Communication using Machine Learning	Harshit Garg*; Pratham Dubey ; Shaurya Gupta ; Dr. Rachna Jain;Sidharth Pancholi
231	Tip-burn Detection of Indoor Cultivated Lettuce Leaves using Deep Learning Algorithm	Santosh Shaha *; Ram Kaji Budhathoki ; Vetriveeran Rajamani; Om Nath Acharya
157	Enhancing T20 Cricket Match Prediction Using XGBoost Algorithm and Statistical Techniques: A Comparative Analysis of Various Regression Algorithms	Dr. Amandeep Kaur *; Akhil Tyagi ; Aryan Kamboj; Gandharv Mohan; Manpreet Singh
192	Intelligent System for Detection of Depression using Non Supervised Classification of EEG Quantitative Biomarkers	Urvashi Shukla *; Nishu Kumari
229	Determining Twitter Trending Hashtags and	Tanvi Bisht *; Muskan Singh; Shweta
94	Intelligent Security of Redistribution Management in DMVPN-Based IoT Networks	Prabhjot Singh *;Dr. Kamaljit Singh Singh Saini
43	A Technical Review on Smart Contract Platforms, Languages and Applications in Blockchain	Gopal Krishan Prajapat*; Shekhawat Pradeep; Dharmendra Yadav

Sessions #8	Time: 11:30-1:30 pm	Venue: Hall No #406, MSIT

Track 8: Innovative Inter-disciplinary advances in communication Technologies: Integrating AI & ML

Session Chair: Dr Sherin Zafar,Jamia Hamdard University, New Delhi

Session Co-Chair: Prof. Prabhjot Kaur, MSIT, New Delhi

Paper ID	Paper Title	Author Names
276	Exploring Blockchain in Voting Systems: A Comprehensive Review of Feasibility, Challenges, and Future Directions Towards Secure and Transparent Voting	Inderpreet Singh; Amandeep Kaur; Parul Agarwal; Sheikh Mohammad Idrees*
259	Deep Non-negative Matrix Factorization Model for Clustering-Based Image Denoising	Shaily Malik*;Nishtha Jatana Divya Jatain;Geetanjali Sharma;Vaani Garg ;Amita Yadav
75	A System to Identify the Chemical Indicators of Water with Unmanned Surface Vehicle	Zow Afshan *; Sherin zafar ;Safdar Tanweer
97	Schmitt Trigger based nvSRAM cell for Low Power Mobile Systems	Damyanti Singh *; Kirti Gupta ; Neeta Pandey
109	Enhancing Maternal Psychological Health During Pregnancy through E-health Informatics	Neha Irfan*; Sherin Zafar; Imran Hussain; Siddhartha Sankar Biswas
150	A Comparative Analysis of Deep Transfer Learning Techniques for Mammographic Image Classification	Bhavesh Gupta, Akshay Singh, Anjana Gosain
207	Optimizing Keyword Search for Search Engines Using Blockchain Technology	Bharti Agagrwal*; Dinesh Rai; Naresh Kumar
212	ChatGPT through Indian Lenses: A sentiment analysis of Indian tweets on ChatGPT	Aakanksha Jha*;Seema; Harshita Gupta; Ankita; Nisha Rathee