

## List of Publication by Faculty Members in Year 2025-26

S. No	Name of Faculty	Title of Paper / Chapter / Book	Details of journal / Conference	Year
1	Ms. Neeraj	Genetic Algorithm-based Optimization of Construction Cost Estimation	XXII Control Instrumentation Systems Conference (IEEE) (CISCON- 2025)	2026
2	Dr. Mahendra Prasad Sharma	Performance Analysis and Estimation of Mobile Ad-Hoc Networks (Manets) Using Deep Learning Under the Influence of Malicious Attacks, with the Goal of Fostering Positive Societal Impacts	International Conference on Data Analytics & Management 2025 (SPRINGER Nature)	2025
		Estimation and Optimization of Wireless Sensor Network Performance Using Neural Network Techniques	International Conference (SGCCN 2024) (SPRINGER Nature)	2025
3	Dr. Hare Ram Singh	Data mining in big data Analytics: Exploring Machine Learning Techniques for pattern Recognition	Internal Journal of Environmental Science	2025
4	Dr. Laveena Sehgal	Criminal Identification and Detailed Analysis Through Deep Learning Algorithm with the Aim of Fostering Positive Societal Impacts	International Conference on Data Analytics & Management (SPRINGER Nature)	2025
		Decentralized Identity Management in the Web 3.0 Landscape: A Comprehensive Exploration	Conference on Smart Generation Computing and Communication Networks (SPRINGER Nature)	2025
5	Dr. Shaina	Predictive Modelling of Credit Card Approvals Using Ensemble Learning Techniques	2nd International Conference on Cognitive Computing in Engineering, Communication, Sciences and Biomedical Health Informatics (ICSECSBHI-2026)	2025
6	Mr. Badal Bhushan	Deep Learning Model for Lung Cancer Detection Using Convolution Neural Networks	IIMT Conference	2025
7	Mr. Deepesh Kumar	Multi-Objective Optimization of Rein-Forced Concrete Buildings using NSGA-II	5th International Conference (IEEE) on Soft Computing for Security Applications (ICSCSA-2025)	2025
8	Mr. Hemant Yadav	Hybrid 2D-3D Deep Learning with Size- Aware Attention for Multi-task Pulmonary Nodule Detection and Segmentation in CT scans	1st International Conference (IEEE) on smart innovations in systems, Infrastructure, Mechanical, Power, AI and Computing Technologies (SISIMPACT-2025)	2025
9	Ms. Pooja Kapila	Predictive Analysis in Healthcare Using Expert System	2025 IEEE 7th International Conference on Computing, Communication and Automation (ICCCA)	2025
10	Mr. Amit Katoch	Genetic Algorithm-based Optimization of Tunnel Excavation	IEEE 2025 5th International Conference on Soft Computing for Security Applications (ICSCSA)	2025

11	Mr. Himanshu Gautam	SMART MODEL FOR BLACK FRIDAY SALES PREDICTION	1st International Conference (IEEE) on smart innovations in systems, Infrastructure, Mechanical, Power, AI and Computing Technologies (SISIMPACT-2025)	2025
12	Ms. Sasmita Sushree Dash	Application of artificial intelligence for pest and disease forecasting in agriculture	16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT-2025)	2025
		Deep Network Models for Alzheimer's Diagnosis Using MRI: A Comparative Analysis of CNN and Hybrid CNN-LSTM Architectures	International Conference on Machine Learning, IoT and Big Data	2025
		YouTube Sentiment Analyzer for Modi (YSAM): Unlocking YouTube Comment Sentiments with Machine Learning and Visualization	International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3)	2025
13	Ms. Aarti	Real Time Sentiment Analysis of Multimodal Data Streams - Deep Learning -based framework in Social Media Platforms	International Conference on Artificial Intelligence and Emerging Technology 2.0 (AISUMMIT-2025)	2025
14	Mr. Sourabh Pal	System for Recommending Crops Through Machine Learning	IEEE 2nd International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST)	2025
15	Ms. Akanksha Singh	Automated Identification of Misinformation Using LSTM-Based Deep Learning Framework	Fifth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2025) September 12th-13th, 2025	2025
16	Ms. Pooja Tiwari	Lung Disease Prediction Using Machine Learning and Neural Networks	1st International Conference (IEEE) on smart innovations in systems, Infrastructure, Mechanical, Power, AI and Computing Technologies (SISIMPACT-2025)	2025
17	Mr. Jitender Chaurasia	Robotic Surgery Assisted by ML Algorithms: Enhancing Precision and Accessibility	1st International Conference (IEEE) on smart innovations in systems, Infrastructure, Mechanical, Power, AI and Computing Technologies (SISIMPACT-2025)	2025
18	Dr Amit Shukla	Regulatory Frameworks and Ethical Governance Neural Networks in Computer Science Applications	IEEE CONFERENCE	2025
19	Dr Amit Shukla	Deep Learning Based Smart Wearable Sensors Healthcare Model for Fitness Trackers	Science direct (book chapter)	2025
20	Dr Amit Shukla	Finding Anomalies in Communication Flows to Strengthen Network Security Against Advanced Persistent Threats (APTs) Using SVM-Based Network Traffic Analysis	SPRINGER Nature	2025
21	Dr Amit Shukla	Strategic Management of AI-Driven Cloud Security Frameworks for Global Enterprises	IEEE CONFERENCE	2025



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22	Ms. Pooja Tiwari	Lung Disease Prediction Using Machine Learning and Neural Networks	IEEE CONFERENCE	2025
23	Dr. Nitin Sachdeva	Empirical Analysis of Machine Learning Techniques for Predicting Water Quality	CRC Press, Taylor & Francis	2025
		Application of Swarm Intelligence Optimization Techniques for PM <sub>2.5</sub> Forecasting for Delhi Region	Springer	2025
24	Ms. Shaifali Sharma	Deep Learning-Based Skeletal Bone Age Assessment Using Optimised	IEEE (ICADIS)	2025
		Improved BF-CNN for Precise Detection of Diabetic Retinopathy	ICIDA	2025

## List of Publication by Faculty Members in Year 2024-25

S.No.	Name of faculty	Title	Details of journal / Conference	Year
1	Mr. Abhishek Satyarthi	Novel Sphere: An AI-Powered Novel Search Solution	International Journal of All Research Education and Scientific Methods (IJARESM),	2025
2	Mr. Himanshu Gautam	Thekedar Hub: Revolutionizing Contractor Selection through Real-Time Bidding and Verified Connections.	International Journal of All Research Education and Scientific Methods (IJARESM),	2025
3	Dr..Harvendra Kumar	Analyzing Body Language and Facial Expressions Using Machine Learning Techniques	2025 International Conference on Pervasive Computational Technologies (ICPCT)	2025
		Analyzing Sentiments in Twitter Data on Russia-Ukraine Conflict Using Machine Learning Method	2025 2nd International Conference on Computational Intelligence, Communication Technology and Networking (CICTN)	2025
4	Ms. Pragati Mishra	Enhancing Kidney Disease Diagnosis and Prognosis Through the Integration of Ant Colony Optimization and Deep Learning Models" has been accepted for presentation at International Conference on Emerging Smart Technology for Sustainable Development	International Conference on Emerging Smart Technology for Sustainable Development (ESTSD-2025)	2025
5	Mr.Badal Bhushan	Artificial Intelligence and Machine Learning in Cancer Prognosis, Prediction, and Treatment Selection- A Critical Perspective	International Journal of Science, Mathematics and Technology Learning	2025
6	Ms.Ayasha Malik	Harnessing Data Mining for Improved Hindi Isolated Speech Recognition	"2024 International Conference on Futuristic Technologies in Control Systems & Renewable Energy (ICFCR)"	2025
7	Mr. Suman Kumar Jha	BOOW (Best Out of Waste)	International Journal for Research in Applied Science and Engineering Technology	2025
8	Mr.Hemant Yadav	Automated Detection of Tomato Leaf Diseases Using Convolutional Neural Networks	2024 International Symposium on Computer Science and Educational Technology (ISCSET)	2025
9	Mr.Deepesh Kumar	Role of AI assisted ChatGPT in revolutionizing Data Science Field	International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES)	2025
10	Mr.Sourabh Pal	Healthy & Homemade Online Food Services to Empower Women	International Journal of All Research Education & Scientific Methods	2025
11	Ms.Akanksha Singh	Facial Recognition Systems are used for Identification of Missing Person	International Journal of All Research Education & Scientific Methods	2025
12	Mr.Gaurav Kumar	Evaluating the Effectiveness of Deep Learning Models in Network Intrusion Detection	Cybernation and Computation (CYBERCOM), International Conference on	2025



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13	Ms..Monika Verma	Exploring Sentiment Analysis: A comprehensive Review of Machine Learning Techniques	International Conference of Advances in Data Driven Computing and Intelligent Systems	2025
14	Ms..Km. Upasana	Application of Machine Learning for Predicting Functional Recovery in Patients with Traumatic Brain Injury	Journal of Neonatal Surgery	2025
15	Ms. Aarti	Empowering Writers With AI: A Stream Lit-Driven Llama 2 Blogging Environment	International Conference on Cutting Edge Technologies for Science, Engineering and Management (ICCETSEM-2025)	2025
16	Ms. Pooja Kapila	Motion Planning in Automated Vehicles Based on Hierarchical MPC	Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT), International Conference on	2025
17	Ms. Sushree Sasmita Dash	Enhanced Multi-Class Brain Tumor Classification in MRI Scans Using WPCA-LSTM Network and two more have been communicated in sopus indexed International Conference	International Conference on Computing and Networking Technology (ICCNT)	2024
		BCViMer 1.0: A Deep Network Pipeline for the Identification of Breast Cancer Using MRI Data	Industrial Electronics: Developments & Applications (ICIDEA), IEEE International Conference on	2025
18	Ms. Amandeep Kaur Juneja	Help-Kart: E-Com Robust Infrastructure for Development	HBRP Publication	2024
19	Dr. Shailendra Prakash	Security Issues with Social Media Data	SSRN	2024
20	Dr. Hare Ram Singh	Examining the Role of IoT and AI in Revolutionizing Agriculture	Wiley AI	2024
21	Dr. Navin Prakash	Optimization of Energy Conservation in WSN	2024 IEEE Pune Section International Conference (Pune Con)	2024

## List of Publication by Faculty Members in Year 2023-24

S. No.	Name of faculty	Title	Details of journal / Conference	Year
1	Dr. Navin Prakash	An Analysis of Ensemble Machine Learning Algorithms for Breast Cancer Detection	2024 11th International Conference on Computing for Sustainable Global Development (INDIACom)	2024
2	Mr. Jai Prakash Bhati	Advanced Image Classification on Intel Datasets Using Optimized EfficientNet and MobileNetV2	2024 IEEE 9 <sup>th</sup> International Conference for Convergence in Technology (I2CT)	2024
		Agricultural AI Insights: Deciphering Jute Leaf Diseases Through Federated Learning CNNs	2024 10 <sup>th</sup> International Conference on Advanced Computing and Communication Systems (ICACCS)	2024
		Generating Images Using Vanilla Generative Adversarial Networks	2024 4 <sup>th</sup> International Conference on Technological Advancements in Computational Sciences (ICTACS)	2024
3	Ms. Ayasha Malik	Innovative Smart Grid Solutions for Fostering Data Security and Effective Privacy Preservation	Data Analytics for Smart Grids Applications—A Key to Smart City Development	2024
		Harnessing the Power of Artificial Intelligence in Software Engineering for the Design and Optimization of Cyber-physical Systems	Emerging Trends for Securing Cyber Physical Systems and the Internet of Things	2024
		Benefits of Developing Blockchain for Monetary Standards Based on Cyber-physical Systems	Emerging Trends for Securing Cyber Physical Systems and the Internet of Things	2024
		Unification of Internet of Video Things (IoVT) and Smart Grid Towards Emerging Information and Communication Technology (ICT) Systems	Data Analytics for Smart Grids Applications—A Key to Smart City Development	2023
4	MS. Apoorva Dwivedi	A Cryptographic Cloud Forensics Method For Machine Learning To Increase Security	Educational Administration: Theory and Practice	2024
		A Smart Framework for Detecting Instagram Fake Accounts using Machine Learning and Correlation & Singular Value Decomposition Techniques	Journal of Emerging Technologies and Innovative Research (JETIR)	2024
		A Novel Profound Learning-Based System for Breast Cancer Location and Classification Utilizing Exchange Learning	Journal of Emerging Technologies and Innovative Research (JETIR)	2023

5	Mr. Suman Kumar Jha	Emerging Applications of SCILAB in Science, Technology, Engineering and Mathematics	Tuijin Jishu/Journal of Propulsion Technology	2023
6	Dr. Prabhat Kumar Vishwakarma	Emerging Applications of SCILAB in Science, Technology, Engineering and Mathematics	Tuijin Jishu/Journal of Propulsion Technology	2023
7	Dr. Shailendra Prakash	Security Issues with Social Media Data	High Technology Letters	2023
8	Dr. Prabhat Kumar Vishwakarma	Automation In Manual Penetration Testing Using Bash Shell Script	International Research Journal of Modernization In Engineering Technology And Science	2023
9	Mr. Jain Singh	Hospital Management System for Enhancing Patient Care And Executive Process	International Journal for Research In Applied Science & Engineering Technology (IJRASET)	2023
		Voice Clone With Web	International Research Journal of Modernization in Engineering Technology and Science	2023
10	Mr. Shailendra Prakash	Attendance System Using Haar Cascade Approach	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2023
11	Mr. Suman Kumar Jha	Jira Ticket Management Clone	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2023
		A 2d Game( Two-Dimensional Game	International Journal of Scientific Research In Engineering And Management	2023
		Smart Parking System	International Journal for Research In Applied Science & Engineering Technology (IJRASET)	2023
12	Mr. Sreenu Banoth	AI Enabled Chatbot for Regulating Mental Health	International Journal for Research In Applied Science & Engineering Technology (IJRASET)	2023
13	Mr. Praveen Kumar	Online Food Ordering App 'Foodies Nest'	International Journal of Scientific Research in Engineering And Management	2023
14	Mr. Hridesh Gupta	A Systematic Literature Survey On Generative Adversarial Network Based Crop Disease Identification	Advance Computing and Innovative Technologies In Engineering (ICACITE)	2022
		An Experimental Evaluation In Plant Disease Identification Based On Activation Reconstruction Generative Adversarial Network	Advance Computing and Innovative Technologies In Engineering (ICACITE)	2022