

**Dr. Akhilesh Das Gupta Institute of Professional Studies  
Department of Artificial Intelligence & Machine Learning**

**Conference Papers Published by Faculty**

S.No.	Faculty Name	Paper Title	Authors	Name of Conference/ Book Chapter/ Magazine Article	Year of Publication	DOI/Link	ISBN/ISSN	UGC/Scopus /SCI
1	Dr. Neha Yadav	Intelligent Fashion Recommender System: Redefining Style with Deep Learning	Rohan Bhardwaj, Anuj Negi, Prithvi Chauhan, Neha Yadav	2nd International Conference on Emerging Applications of Artificial Intelligence, Machine Learning and Cybersecurity, AIJR Books	2025	<a href="https://books.aijr.org/index.php/press/catalog/book/178/chapter/3405">https://books.aijr.org/index.php/press/catalog/book/178/chapter/3405</a>	2582-3922	
2	Dr. Ankit Verma	Decoding Information: A Dual Modality Approach for Sign Language Recognition	Princika Khattar, Siya Mishra, Rahul Tanwar, Ankit Verma, Suman Bhatia	International Conference on Computing, Sciences and Communications (ICCS)	2025	<a href="https://ieeexplore.ieee.org/document/10830364">https://ieeexplore.ieee.org/document/10830364</a>	979-8-3503-5364-8	SCOPUS
3	Dr. Ankit Verma	Advancements in Facial Image Processing for Human Age and Gender Identification	Shivangi Gupta, Sachin Adhikari, Md Shams Zaid, Ankit Verma, Suman Bhatia	International Conference on Computing, Sciences and Communications (ICCS)	2025	<a href="https://ieeexplore.ieee.org/document/10830330">https://ieeexplore.ieee.org/document/10830330</a>	979-8-3503-5364-8	SCOPUS
4	Mr. Haider Abbas	Voice Assistants:The Digital Age's Emergence of Virtual Friends	Atharva Singh, Komal Goel, Haider Abbas, Mohd Izhar, Faisal Rais	2nd International Conference on Emerging Applications of Artificial Intelligence, Machine Learning and Cybersecurity" (ICAMC 2024)	2025	<a href="https://books.aijr.org/index.php/press/catalog/book/178/chapter/3410">https://books.aijr.org/index.php/press/catalog/book/178/chapter/3410</a>	2582-3922	
5	Dr. Ankit Verma	Weather Monitoring and Cloud-Burst Prediction Based on Machine Learning Algorithms: An Initiative towards Disaster Management	Adit Sharma, Suman Bhatia, Ankit Verma	International Conference on Computing and Communication Systems for Industrial Applications (ComSIA-2024)	2024	<a href="https://link.springer.com/chapter/10.1007/978-981-97-6726-7_47">https://link.springer.com/chapter/10.1007/978-981-97-6726-7_47</a>	978-981-97-6726-7	SCOPUS
6	Dr. Ankit Verma	Pandemic Pulse: Unveiling Insights with the Global Health Tracker through AI & ML	Kamal Upreti, Vishakha Sehdev Verma, Ankit Verma, Prashant Vats, Sambhajiraje Patil & Vishakha Kuwar	5th International Conference on Computing, Communication and Cyber Security (IC4S'05)	2024	<a href="https://link.springer.com/chapter/10.1007/978-981-97-2550-2_15">https://link.springer.com/chapter/10.1007/978-981-97-2550-2_15</a>	978-981-97-2550-2	SCOPUS
7	Dr. Ankit Verma	Catalyzing Security and Efficiency: Blockchain's Integration with IoT and Cloud Computing	Anmol Kapoor, Shreya Kapoor, Khushi Mishra, Harshika Jain, Kamal Upreti, Ankit Verma	3rd International Conference on Advanced Computing and Intelligent Technologies (ICACIT 2023)	2024	<a href="https://link.springer.com/chapter/10.1007/978-981-97-1961-7_30">https://link.springer.com/chapter/10.1007/978-981-97-1961-7_30</a>	978-981-97-1961-7	SCOPUS
8	Dr. Ankit Verma	Blockchain Computing: Unveiling the Benefits, Overcoming Difficulties, and Exploring Applications in Decentralized Ledger Infrastructure	Kamal Upreti, Ramesh Chandra Poonia, Ankit Verma, Prakash Divakaran, Shikha Mittal, Prashant Vats & Siddhartha Sankar Biswas	International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023)	2024	<a href="https://link.springer.com/chapter/10.1007/978-981-99-9531-8_32">https://link.springer.com/chapter/10.1007/978-981-99-9531-8_32</a>	978-981-99-9530-1	SCOPUS
9	Dr. Ankit Verma	A Comparative Analysis of LSB & DCT Based Steganographic Techniques: Confidentiality, Contemporary State, and Future Challenges	Kamal Upreti, Ankit Verma, Jyoti Parashar, Prashant Vats, Ankit Verma, Jagendra Singh	6th International Conference on Contemporary Computing and Informatics (IC3I)	2023	<a href="https://ieeexplore.ieee.org/document/10398132">https://ieeexplore.ieee.org/document/10398132</a>		SCOPUS
10	Dr. Ankit Verma	A Novel Framework for Harnessing AI for Evidence-Based Policymaking in E-Governance Using Smart Contracts	Kamal Upreti, Ankit Verma, Shikha Mittal, Prashant Vats, Mustafizul Haque & Shakir Ali	Advanced Communication and Intelligent Systems	2023	<a href="https://doi.org/10.1007/978-3-031-45124-9_18">https://doi.org/10.1007/978-3-031-45124-9_18</a>	978-3-031-45123-2	SCOPUS
11	Haider Abbas	Analysis of Machine Learning Approaches for Fake News Detection	Haider Abbas, Dr. Ihtiram Raza Khan	International Conference on Intelligent Technologies in Computer and Engineering Science (ITCES-2023)	2023			
12	Ms. Iram Fatima	Internet of things: Security and privacy	Ms. Iram Fatima, Dr. Ihtiram Raza Khan, Mr. Mehtab Alam	International Online conference on future trends in business: knowledge, skill, stability, innovation and technology	2023		978-81-19079-77-3	

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**Journal Papers Published by Faculty**

S.No.	Faculty Name	Paper Title	Authors	Name of Journal	Year of Publication	DOI/Link	ISSN	UGC/SCOPUS/SCI
1	Ms. Shuchi Sharma	AI in Diabetes Prediction and Management	Abhinav Goel, Ayush Gupta, Himanshu Ravi, Shuchi Sharma	International Scientific Journal of Engineering and Management	2025	<a href="https://isjem.com/download/ai-in-diabetes-prediction-and-management/">https://isjem.com/download/ai-in-diabetes-prediction-and-management/</a>	2583-6129	
2	Dr. Ankit Verma	The Role of Artificial Intelligence in Cybersecurity	Ashi Tripathi, Anurag Yadav, Harshit, Suman Bhatia, Ankit Verma	International Journal of Scientific Research in Engineering and Management	2025	<a href="https://ijsrem.com/download/the-role-of-artificial-intelligence-in-cybersecurity/">https://ijsrem.com/download/the-role-of-artificial-intelligence-in-cybersecurity/</a>	2582-3930	
3	Mr. Haider Abbas	Improving Solar Panel Efficiency with Predictive Alerts from IoT and Machine Learning	Gursharan Singh, Lakshay Singhal, Rahul Sharma, Haider Abbas	International Journal of Innovative Research in Technology	2025	<a href="https://ijirt.org/article?manuscript=176846">https://ijirt.org/article?manuscript=176846</a>	2349-6002	UGC
4	Dr. Neha Yadav	A Survey of Deep Learning Architectures for Object Detection in Computer Vision	Neha Yadav, Chaitanya Sharma, Gauri Gandhi, Divy Pant	International Journal of Progressive Research in Engineering Management and Science (IJPREMS)	2025	<a href="https://www.ijprems.com/uploadedfiles/paper/issue_2_february_2025/38732/final/fin_ijprems1741208068.pdf">https://www.ijprems.com/uploadedfiles/paper/issue_2_february_2025/38732/final/fin_ijprems1741208068.pdf</a>	2583-1062	
5	Dr. Neha Yadav	Advancements In Biomedical Image Segmentation: A Deep Learning Perspective	Aryan Kumar, Kannan Mehra, Ankit Verma, Neha Yadav	International Journal of Progressive Research in Engineering Management and Science (IJPREMS)	2025	<a href="https://www.ijprems.com/uploadedfiles/paper/issue_2_february_2025/38742/final/fin_ijprems1741342672.pdf">https://www.ijprems.com/uploadedfiles/paper/issue_2_february_2025/38742/final/fin_ijprems1741342672.pdf</a>	2583-1062	
6	Mr. Rishabh Jain	Emerging Trends in Artificial Intelligence: The Rise of TINYML, XAI, and Federated Learning	Harsh Bind, Saniya Shourya, Rishabh Jain	International Journal of Progressive Research in Engineering Management and Science (IJPREMS)	2025	<a href="https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/39883/final/fin_ijprems1745003304.pdf">https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/39883/final/fin_ijprems1745003304.pdf</a>	2583-1062	
7	Mr. Rishabh Jain	Trendy Fashion Recommender System by Machine Learning	Danish Khan, Kunal Khandelwal, Shaunak Shandilya, Rishabh Jain	International Journal of Progressive Research in Engineering Management and Science (IJPREMS)	2025	<a href="https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/39845/final/fin_ijprems1744476980.pdf">https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/39845/final/fin_ijprems1744476980.pdf</a>	2583-1062	
8	Mr. Rishabh Jain	AI with ADAS (Artificial Intelligence with Advanced Driver Assistance System)	Shivam Bhardwaj, Abhay Walia, Rishabh Jain, Shekh Sameer	International Journal of Progressive Research in Engineering Management and Science (IJPREMS)	2025	<a href="https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/40043/final/fin_ijprems1745231539.pdf">https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/40043/final/fin_ijprems1745231539.pdf</a>	2583-1062	
9	Dr. Suman Bhatia	Prediction of Cardiovascular Disease Using Machine Learning Algorithms	Mahesh Kumar Joshi, Deepak Dembla, Suman Bhatia	International Journal of Advanced Computer Science and Applications (IJACSA)	2024	<a href="https://doi.org/10.14569/IJACSA.2024.0150319">10.14569/IJACSA.2024.0150319</a>	2156-5570	SCIE
10	Ms. Shuchi Sharma	Night Time Car Accident Prevention with AI Vision	Yash Aggarwal, Vikash, Vaibhav Kumar, Pranjal, Shuchi Sharma	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2024	<a href="https://doi.org/10.22214/ijraset.2024.60404">https://doi.org/10.22214/ijraset.2024.60404</a>	2321-9653	
11	Ms. Sadaf Fatima	Screening and Identification of Heat Tolerance in Indian wheat genotypes using generalized regression neural network model (GRNN)	Anil Kumar, Sadaf Fatima, Iffat Azim, Anshika Negi, Shalini Bhadola, Pooja Jha, Suboot Hairat	Journal of Applied Biology and Biotechnology	2024	<a href="https://doi.org/10.7324/JABB.2024.167028">10.7324/JABB.2024.167028</a>		
12	Dr. Ankit Verma	A systematic meta-analysis of blockchain technology for educational sector and its advancements towards education 4.0	Mustafizul Haque, V Vijaya Kumar, Preeti Singh, Adheer A Goyal, Kamal Upreti	Education and Information Technologies	2023	<a href="https://link.springer.com/article/10.1007/s10639-023-11744-2">https://link.springer.com/article/10.1007/s10639-023-11744-2</a>	1360-2357	SCIE

13	Dr. Ankit Verma	Performance Comparison of Several LPWAN Technologies for Energy Constrained IOT Network	Geetanjali, Priya Dalal, Abhishek Kumar Shukla	International Journal of Intelligent Systems and Applications in Engineering	2023	<a href="https://www.ijisae.org/index.php/IJISAE/article/view/2487">https://www.ijisae.org/index.php/IJISAE/article/view/2487</a>	2147-6799	SCOPUS
14	Ms. Shuchi Sharma	Implementation of an Automated Attendance System with Integrated Face Recognition using Haar Cascade and LBPH Algorithm	Shuchi Sharma, Anirudh Sharma, Priyam Jain, Ishant Popli, Harsh Chahar	International Journal of Computer Sciences and Engineering	2023	<a href="https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5646&amp;7-IJCSE-09288.pdf">https://www.ijcseonline.org/pdf_paper_view.php?paper_id=5646&amp;7-IJCSE-09288.pdf</a>	2347-2693	
15	Ms. Shuchi Sharma	Nighttime Car Accident Prevention with AI Vision	Yash Aggarwal, Vikash, Tushar Rajora, Shuchi Sharma	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2023	<a href="https://doi.org/10.22214/ijraset.2023.57646">https://doi.org/10.22214/ijraset.2023.57646</a>	2321-9653	
16	Ms. Shuchi Sharma	Ingredient Inspired Recipe Recommender: Your Culinary Guide	Viruj Thakur, Anuj Maheshwari, Shuchi Sharma	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2023	<a href="https://doi.org/10.22214/ijraset.2023.57772">https://doi.org/10.22214/ijraset.2023.57772</a>	2321-9653	
17	Dr. Mohd. Izhar	Addressing the AI-Enabled Cyber Threat: Evaluating International Instruments and Policy Implications for Countering Cybercrime	Mohd Izhar1Mihir Gupta2 and Abhishek Kumar3	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	
18	Dr. Mohd. Izhar	Unleashing the Transformative Power of Blockchain Technology comparing with Cryptocurrencies	Dr. Mohd Izhar1Deepika Saini2 and Vaibhav Pandey3	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	
19	Dr. Mohd. Izhar	Revolutionizing the Book Industry: Exploring the Growth of Online Bookshops	Mohd.Izhar1 Aman Saifi2 Tejbeer Singh3	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	
20	Dr. Mohd. Izhar	Navigating the Digital Landscape: Exploring the Pros and Cons of Social Media Marketing in the Modern Era	Mohd.Izhar1Manu George2 and NS John3	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	
21	Dr. Mohd. Izhar	Algorithm Perspectives on Mental Fitness: Comparative study and Real world- Implications	Dr. Saurav Gupta, Sushmit Pathak and Mohd. Izhar	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	
22	Dr. Mohd. Izhar	Fruitect: Preserving Agriculture Integreity , a Machine Learning Approach	Dr. Saurav Gupta, Praneet, Vedanshi, Daksh and Mohd. Izhar	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	
23	Dr. Mohd. Izhar	Transformative Learning: Exploring AI horizons Through Matlab and Deep Learning with Maths Works	Dr. Saurav Gupta, Adit Sharma and Mohd. Izhar	HMR Interdisciplinary Journal of Science, Technology & Education Management	2023		2581-4125	