

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

Journal Papers Published by Students with 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 | https://isjem.com/download/ai-in-diabetes-prediction-and-management/ | 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 | https://ijsrem.com/download/the-role-of-artificial-intelligence-in-cybersecurity/ | 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 | https://ijirt.org/article?manuscript=176846 | 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 | https://www.ijprems.com/uploadedfiles/paper/issue_2_february_2025/38732/final/fin_ijprems1741208068.pdf | 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 | https://www.ijprems.com/uploadedfiles/paper/issue_2_february_2025/38742/final/fin_ijprems1741342672.pdf | 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 | https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/39883/final/fin_ijprems1745003304.pdf | 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 | https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/39845/final/fin_ijprems1744476980.pdf | 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 | https://www.ijprems.com/uploadedfiles/paper/issue_4_april_2025/40043/final/fin_ijprems1745231539.pdf | 2583-1062 | |

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Conference Papers Published by Students with 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 | https://books.aijr.org/index.php/press/catalog/book/178/chapter/3405 | 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 (ICCSC) | 2025 | https://ieeexplore.ieee.org/document/10830364 | 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 (ICCSC) | 2025 | https://ieeexplore.ieee.org/document/10830330 | 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 | https://books.aijr.org/index.php/press/catalog/book/178/chapter/3410 | 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 | https://link.springer.com/chapter/10.1007/978-981-97-6726-7_47 | 978-981-97-6726-7 | SCOPUS |