List of Publications

INTERNATIONAL JOURNALS (SCIE/SCI/SSCI/SCOPUS):

1. Reetu Singh, Pragya Dwivedi, Vibhor Kant (2025), "Taste-centered deep matrix factorization model for food recommendations", **Multimedia Tools and Applications (Scopus Indexed, I.F. 3.0), pages 1-28, Springer US.**
2. Ayshwarya Jaiswal, Pragya Dwivedi, Rupesh Kumar Dewang (2024) "Handling imbalance dataset issue in insider threat detection using machine learning methods**", Computers and Electrical Engineering (SCIE, IF. 4.0), Vol. 120, pages 109726, Elsevier**
3. Ayshwarya Jaiswal, Pragya Dwivedi, Rupesh Kumar Dewang (2024), "Machine learning approaches to detect, prevent and mitigate malicious insider threats: State-of-the-art review**" Multimedia Tools and Applications (Scopus Indexed, I.F. 3.0), pages 1-41, Springer US**
4. Kashif Mazhar, Pragya Dwivedi (2024), "Decoding the black box: LIME-assisted understanding of Convolutional Neural Network (CNN) in classification of social media tweets, **Social Network Analysis and Mining (ESCI, I.F. 2.3), Vol.14 pages 133, Springer Vienna**
5. Reetu Singh, Pragya Dwivedi, Vibhor Kant (2024), "Comparative analysis of collaborative filtering techniques for the multi-criteria recommender systems**." Multimedia Tools and Applications (Scopus Indexed, I.F. 3.0), Vol. 83(4), pages 64551-64571, Springer US**
6. Reetu Singh, Pragya Dwivedi, Pankaj Patidar **(2023),"**Multi-criteria recommendation system based on deep matrix factorization and regression techniques"**. International Journal of Information Technology (Scopus), Pages 1-12, Springer Nature Singapore**
7. Ashish Kumar Sahu & Pragya Dwivedi (2020), "Knowledge transfer by domain- independent user latent factor for cross-domain recommender systems" **Future Generation Computer Systems** (**SCIE Indexed, I.F. 6.2**), Volume 108, pages 320-333, **Elsevier.**
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12. Prince Rajpoot & Pragya Dwivedi(2019), "Multiple parameter based energy balanced and optimized clustering for WSN to enhance the Lifetime using MADM Approaches", **Wireless Personal Communications**(**SCIE Indexed, I.F. 1.9**), pages 829-877, **Springer.**
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14. Priyanka Singh & Pragya Dwivedi (2018), "Integration of new evolutionary approach with artificial neural network for solving short term load forecast problem" **Applied Energy** (**SCI Indexed, I.F. 10.1**), Volume 217, Pages 537-549, Elsevier.
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16. Pragya Dwivedi & K. K. Bharadwaj, (2015). "e-Learning Recommender System for a Group of Learners Based on the Unified Learner Profile Approach", **Expert System (SCIE Indexed IF. 3.3),** Volume 32 (2), pages 264–276, **Wiley Publishing.**
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21. Ashish Kumar Sahu & Pragya Dwivedi (2018), "Matrix factorization in cross-domain recommendations framework by shared users latent factors"**, Procedia Computer Science, Scopus Indexed**, 143, Pages 387-394, **Elsevier** (through Conference).
22. Priyankar Choudhary, Vibhor Kant & Pragya Dwivedi (2017), "Handling Natural Noise in Multi Criteria Recommender System utilizing effective similarity measure and Particle Swarm Optimization" **Procedia Computer Science, Scopus Indexed**, volume 115, pages 853-862, **Elsevier** (through Conference).
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2. Pragya Dwivedi and K. K. Bharadwaj (2012) "Group Recommender System for Learners Based on Learning Styles and Knowledge Levels", **Global Journal of Technology**, pages 347-352.

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1. Reetu Singh and Pragya Dwivedi (2025). "Healthy Food Recommender Systems". In: Singh, S.P., Jain, D.K., Debayle, J. (eds) Healthcare Recommender Systems. Springer, Cham. https://doi.org/10.1007/978-3-031-80056-6_11

2. Priyanka Singh and Pragya Dwivedi (2020), "Short-Term Electricity Load Forecast Using Hybrid Model Based on Neural Network and Evolutionary Algorithm" Numerical Optimization in Engineering and Sciences, 167-176, Published by Springer.
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4. Manish Jaiswal, Pragya Dwivedi, and Tanveer J Siddiqui(2017), "Enhanced Multi-criteria Recommender System Based on AHP" Applications of Soft Computing for theWeb,31-46, Published by Springer

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1. Reetu Singh and Pragya Dwivedi (2025), "Comparative Analysis of Similarity Metrics for User and Item-Based Food Recommender Systems" **6th International Conference on Data Science and Applications (ICDSA 2025), organized by MNIT Jaipur.** (*Status- Accepted*)
2. Ashrivaad Kr. Pathak and Pragya Dwivedi (2025) "Enhancing Suicide and Depression Detection by Utilising Social Media: A Deep Learning Approach", **International Conference on Robotics, Communication and Soft Computing**, organized by NIT Sikkim. (*Status Accepted*)
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4. R. Singh and P. Dwivedi, "A Comparative Study of Aggregation Techniques in Group Food Recommendations," *2024 IEEE 21st India Council International Conference (INDICON)*, Kharagpur,India,2024,pp.16,https://doi:10.1109/INDICON63790.2024.10958339.
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6. Reetu Singh and Pragya Dwivedi (2023), "Food Recommendation Systems Based on Content-based and Collaborative Filtering Techniques" presented In proc. of 14th International Conference on Computing, Communication and Networking Technologies, organized by IIT Delhi.
7. Ayush Mishra, Ayush Gupta, Arvind Sahu, Amit Kumar, Pragya Dwivedi(2023), "Food Recipe and Nutritional Information Generator" In proc. of 4th International Conference MISP2022, pages 369-378, Springer Nature Singapore.
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19. Dwivedi, P and Kamal K. Bharadwaj (2011), "Effective Resource Recommendations for E-learning: A Collaborative Filtering Framework Based on Experience and Trust", In: Proc. of the CIIT, CCIS, 250,166-170, published by Springer-Verlag,Berlin.