Faculty Profile

Name	: Neeti Sangwan
Designation	: Assistant Professor
Qualifications	: B. E., M. Tech., Ph. D, UGC-Net
Phone	:
Email	: neeti@msit.in

Area of Interest/Specialization: Databases, Data Mining

Experience : 12 years

Key Publications

1. Sangwan, N., & Bhatnagar, V. (2022). A Framework for Video Popularity Forecast Utilizing Metaheuristic Algorithms. Arabian Journal for Science and Engineering, 1-18. **SCIE.**

2. Sangwan, N., & Bhatnagar, V. (2021). VIDEO POPULARITY PREDICTION USING STACKED BILSTM LAYERS. Malaysian Journal of Computer Science, 34(3), 242-254. **SCIE**.

3. Sangwan, N., & Bhatnagar, V. (2020). Video popularity prediction based on fuzzy inference system. Journal of Statistics and Management Systems, 23(7), 1173-1185. **ESCI.**

4. Sangwan, N., & Bhatnagar, V. (2020). Comprehensive contemplation of probabilistic aspects in intelligent analytics. International Journal of Service Science, Management, Engineering, and Technology (IJSSMET), 11(1), 116-141. **Scopus.**

5. Sangwan, N., & Bhatnagar, V. (2019). Empirical Validation Towards Improved Semantic Indexing Based Text Classification Using Deep Learning. International Journal of Advanced Studies of Scientific Research, 4(1).

6. Sangwan, N., Malik, V., & Sangwan, S. (2017). A Survey for Text Analytics Using R Language. Advances in Computational Sciences and Technology, 10(7), 2173-2182.

7. Malik, V., Ghalan, M., Singh, S., Saini, A., & Sangwan, N. (2017). ANALYTICAL FINDINGS ON DATA MINING ALGORITHMS. International Journal of Advanced Research in Computer Science, 8(7).

8. Malik, V., Sangwan, S., Saini, A., Ghalan, M., & Sangwan, N. (2017). Management of Various Risks over Years in SDLC. International Journal of Advanced Research in Computer Science, 8(5).

9. Malik, V., Sangwan, N., & Sangwan, S. (2017). Digital Watermarking using DWT-SVD Algorithm. Advances in Computational Sciences and Technology, 10(7), 2161-2171.

10. Goyal, A., Mogha, P., Luthra, R., & Sangwan, N. (2014). Path finding: A* or dijkstra's?. International Journal in IT & Engineering, 2(1), 1-15.

11. Sangwan, N., Dahiya, N., Bhatnagar, V., & Singh, M. (2012) Data Modeling and Object-Orientation, International Journal of Science, Engineering & Computer Technology, (2), 11-14.

Papers presented in Conferences

1. Sangwan, N., & Bhatnagar, V. (2020). A Cognition Scanning on Popularity Prediction of Videos. In Social Networking and Computational Intelligence (pp. 363-371). Springer, Singapore.
2. Sangwan, N., & Bhatnagar, V. (2021). Optimized Text Classification Using Deep Learning. In Advances in Information Communication Technology and Computing (pp. 293-302). Springer, Singapore.
3. Dahiya, N., Sangwan, N., Bhatnagar, V., & Singh, M. (2014, September). An experiment towards metrics validation for data warehouse conceptual models. In 2014 5th International Conference-Confluence The Next Generation Information Technology Summit (Confluence) (pp. 116-123). IEEE.

Patent/Copyright

1. Neeti Sangwan et. Al., Granted a patent titled "Reduce, Re-Cycle and Reuse (RRR) IoT Intelligence Waste Management System" (Patent Status: Granted, Patent filed on 09/01/2021, Published on 15/01/2021 and Granted on 24/08/2021, Application No.: 202111001043, Patent No.: 375180).

Book Chapter/Books published

1. Sangwan, N., & Dahiya, N. (2017). A classification framework towards application of data mining in collaborative filtering. In Collaborative Filtering Using Data Mining and Analysis (pp. 100-114). IGI Global.
2. Dahiya, N., Bhatnagar, V., Singh, M., & Sangwan, N. (2014). Applications of Data Mining in Software Development Life Cycle: A Literature Survey and Classification. Data Mining and Analysis in the Engineering Field, 67-79.