

Faculty Profile

Name: Dr. Nisha Thakur

Designation: Assistant Professor, Faculty of Science and Technology, ICFAI University, Raipur

Teaching Areas: Programming language, Computer Graphics, Operating System, Data Science using Python, Computer Network.

Research Interests: Deep learning, Forecasting, Artificial Intelligence

Year of Experience: 13+ Years

Education:

- PhD in Computer Science and Engineering, CSVTU, Bilai, 2025
- M.Tech in Computer Science and Engineering, CSVTU, Bilai, 2014.
- M.Phil in Computer Science, Pt. RSU, Raipur, 2016.
- B.Tech in Information Technology, CSVTU, Bilai, 2009.

Patents: 01

Research / Selected Publications :(SCIE: 01, Scopus: 2, Scopus h-index: 3 and Google h-index: 3)

- **Thakur. N.**, and Karmakar. S. 2023. Hybrid deep learning algorithms on the dimensionally reduced dataset with optimized parameters for high-precision predictions of rainfall in Chhattisgarh State was accepted by an SCI Journal MAUSAM vide an email dated 12.12.2023. **(Sci)**
- **Thakur. N.**, Karmakar. S., and Soni. S. 2022. Time Series Forecasting for Uni-Variant data using optimized Long Short Term Memory Integrated with Genetic Algorithm and Performance Evaluations. International Journal of Information Technology (Scopus - Springer) .14(04): 1961-1966. **(Scopus/UGC Care List)**
- **Thakur. N.**, and Karmakar. S. 2023. Hybrid deep learning algorithms for forecasting air quality index using dimension reduction technique in search of precise results. International Journal of Information Technology (Scopus - Springer). 15(04): 3181-3187. **(Scopus/UGC Care List)**

