Faculty Profile

Name: **Dr. Animesh Kumar Sharma**

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

Teaching Areas: Engineering Mathematics, Numerical Analysis, Calculus, Operations Research, Algebra , Optimization Techniques.

Research Interests: Inventory models for deterioration items, Operations Research, Fuzzy Optimization, Fuzzy Set Theory, Fuzzy Graph Theory.

Education:

- PhD in Mathematics, SunRise University, Alwar, Rajsthan 2016.

- M.Phil. in Mathematics, The Global Open University, Nagaland, 2009.

- M.Sc. in Mathematics, Pandit Ravishankar Shukla University, Raipur, 2005.

- B.Sc. in Mathematics, Pandit Ravishankar Shukla University, Raipur, 2002.

- PG Diploma Course in Computer Application, CVRU, Bilaspur 2012.

Patents: 50 and Funded Projects: 00

Research / Selected Publications : (SCIE: 00, Scopus: 03, Scopus h-index: 1 and Google h-index: 3)

- **Animesh Kumar Sharma** (2024). Exploring the landscape of Deteriorating Inventory Models-from classical to contemporary Approaches, Journal of Nonlinear Analysis and Optimization, Vol: 15(1), 103-107. **(UGC Care list I)**.

- **Animesh Kumar Sharma** (2024). 6G Enabled Smart IoT in Healthcare System: Prospect, Issues and Study Areas, 1st International **IEEE** Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI-2023), IEEE digital xplore https://doi.org/10.1109/ICAIIHI57871.2023.10489451. (**Scopus**).

- **Animesh Kumar Sharma** (2024). Automated Detection of Atrial Fibrillation from ECG Signals with CNNs, 1st International **IEEE** Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI-2023), IEEE digital xplore. https://doi.org/10.1109/ICAIIHI57871.2023.10489193 . (**Scopus**).

- **Animesh Kumar Sharma** (2022). Machine Learning Based Bayesian Network Models for Reverse Engineering Data Optimization, **IEEE** digital xplore. https://doi.org/10.1109/ICECAA55415.2022.9936482 (**Scopus**).