Razeef Mohammad

Ph.D. (Computer Science)

m.razeef@gmail.com Mobile: **+91 9682535695**

Professional Summary

Machine Learning professional with over 10 years of experience in Data Science, Artificial Intelligence, and Bio-inspired Computing. Strong track record of solving complex problems, building data-driven solutions, and applying advanced ML techniques to real-world challenges. Experienced in mentoring teams, guiding projects from concept to deployment, and driving innovation through data analytics and intelligent systems

Specialization & Technical Skills

Specialization: Data Science, Data Analytics, Machine Learning & Artificial Intelligence

Professional Experience:

Assistant Professor | University of Kashmir, India *(Feb 2026 – Present)*

- Teach ML/AI courses and mentor projects in predictive modeling and entrepreneurship.
- Design curricula for M.Tech/MCA, integrating advanced ML techniques.

Lecturer | University of Kashmir, India *(Jul 2022 – Dec 2024)*

- Taught Data Science & ML courses; supervised student applications in environmental forecasting.
- Updated M.Sc. IT curriculum with ML/IoT modules.

Senior Research Fellow / AI & ML Expert | NAHEP, SKUAST-Kashmir, India *(Jan 2020 – Jun 2022)*

- Developed ML models for agricultural rainfall prediction.
- Mentored startups on AI adoption; designed and delivered AI/ML/IoT training programs.

Assistant Professor | Central University of Kashmir, India *(Mar 2011 – Aug 2012)*

- Taught foundations of ML and Computer Science.
- Designed and implemented M.Sc. IT curriculum for Data Analytics.

Selected Publications

- Smart Agricultural Practices using ML for Rainfall Prediction: Valkenburg Case. *Mathematical Statistician & Engineering Applications* (2022).
- Grey Wolf-Based Linear Regression for Rainfall Prediction. *International Journal of Information Technologies and Systems Approach (IJITSA)* (2022).
- Naive Bayes for Precipitation Forecast. *Solid State Technology* (2020).
- GWLM-NARX Neural Network for Rainfall. *Data Technologies and Applications* (2020).
- Comparative Rainfall Modeling: Srinagar Case. *Asian Journal of Computer Science and*

Technology (2018).

Books:

- Neural Network & Deep Learning for Rainfall Prediction in J&K; (ISBN: 978-1685762469, InSc International Publisher, 2021).
- Soil, Agriculture, & Ecosystem Modelling (CRC Press, Taylor & Francis Group, USA, 2022).

Education:

- Ph.D. (Computer Science) | University of Kashmir, India
- M.Phil. (Computer Science) | University of Kashmir, India
- MCA (Master of Computer Applications) | University of Kashmir, India

Professional Development & Service:

- Trainings Organized: 72 (12 International, 20 National, 40 Webinars)
- Expert Lectures Delivered: 39 (5 International, 23 National, 11 Webinars)
- Workshops/Conferences: 18 total (international & national presentations).

Curriculum Designed:

M.C.A, M.Tech (2024–25), M.Sc. IT (2023–24), AI/ML & IoT (SKUAST-Kashmir), BS & MS IT.