

Faculty Profile

Personal Information

- **Name:** Deepika D
- **Designation:** Assistant Professor
- **Department:** Computer Science and Engineering
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Domain of Expertise

- Software Engineering
- Quantum Machine Learning
- Machine Learning

Research Focus

- Quantum Machine Learning
- Noise Resilient Learning

Academic Qualifications

- **MTech.:** [Software Engineering], [RVCE], [2026]
- **B.E.:** [Computer Science and Engineering], [VTU Belagavi], [2024]

Publications

1. Deepika D, Mamtha G S, A Discrete-Time Markov Framework for Modelling Aging-Aware Redundant Recovery in Fault-Tolerant Systems
2. Deepika D, Vanishree K, Munishamaiah Krishna, A Hybrid Quantum–Classical Convolutional Neural Network for Enhanced Image Classification
3. Deepika D, Vanishree K, Munishamaiah Krishna, Noise-Resilient Optimization of Parameterized Quantum Circuits for Near-Term Quantum Device

