Ms. Kavya K N

Assistant Professor

Experience (Teaching and Industry)

1. RNSIT (2025- till date)
2. MVJ College (2018-2020)
3. NMKRV Degree College for women (2015-2016)
4. Deeksha centre for learning (2012-2014)

Qualifications

Bachelor of Science (B.Sc.) – NMKRV College for Women, 2010
Master of Science (M.Sc.) in Mathematics – Bangalore University (Central College), 2012
Master of Technology (M.Tech.) in Data Science and Machine Learning – PES University (Great Learning), 2023
Doctor of Philosophy (Ph.D.) – Christ University (Ongoing)

Specialization(Research)

Mathematical Modelling of Epidemic Disease (Mathematical Biology)

Publications

1. "Mathematical modeling to investigate the influence of vaccination and booster doses on the spread of Omicron." *Communications in Nonlinear Science and Numerical Simulation* 130 (2024): 107755.
2. "Mathematical approach for impact of media awareness on measles disease." *Mathematical Methods in the Applied Sciences* 47.1 (2024): 120-146.
3. "Modelling temperature-dependent malaria transmission vector model considering different levels of immunity in host population." *Mathematics in Engineering, Science & Aerospace (MESA)* 14.3 (2023).