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She has about 17+ years of teaching and research experience. She has completed her BE from Mangalore University, MTech from VTU and PhD from Manipal University. Her research topic is in the area of Privacy Preserving Data Mining. Her areas of interest include data science, machine learning, data structures, analysis and design of algorithms. Several UG and PG projects are done in these areas.

She has several publications in reputed journals and conferences. She is the PI for ISRO project on NLP applications for spacecraft data and a CO-PI for another ISRO project in Identification of Anomalies in Spacecraft Health Management. She has mentored industry-based projects from Samsung and Unisys and also medical hospital projects. She is an active reviewer for Q-rated IGI, Inderscience, Springer and MDPI journals.