

**Prof. Neelam Sinha,**  
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### **Brief Bio-data**

Neelam Sinha's interests lie in applying machine learning techniques for multi-modal neuroimaging. She obtained PhD at IISc for her work on strategies for rapid MR imaging, in 2008.

She worked in the MR Imaging group at GE Healthcare for a year, and then joined IIIT-Bangalore. At IIIT-Bangalore, her research focus was on problems in healthcare, which included surgical video, fundal image and neuro-data analysis.

She executed a DST-funded project on resting state fMRI for brain characterization. She has worked on problems such as age-estimation using Diffusion MR, analysis of atypical PD variants, chromosomal mutation detection in Low Grade Glioma using structural MR images, in collaboration with NIMHANS.

As part of an industry-sponsored project, she has worked on visual functioning networks in the brain, utilizing fMRI time series. She was part of a state-funded centre (MINRO) with projects on EEG analysis for quantifying abstract notions, such as creativity. She joined CBR in July 2023.

Under her guidance several achievements as lab intern, Ninad Aithal, on the paper acceptance in IEEE ISBI'24; lab intern, Ameiy Acharya, on the paper acceptance in IEEE ISBI'24; Mr. Ameiy Acharya, an intern in the lab, has won a prize for best presentation for his poster titled "Graph-based Framework for classification between MCI and healthy subjects using fMRI Time series", at the Digital Health Symposium and Roundtable, held at IIT Kharagpur, November 2023.

Prof. Neelam has published more than 106 research papers in reputed and International SCI journals. She has guided many students for their PG programs.