

# Dr. Rupsa Bhattacharjee

Assistant Professor

Department of Medical Sciences & Technology

IIT Madras

Dr. Rupsa Bhattacharjee is an Assistant Professor in The Department of Medical Sciences & Technology, IIT Madras (joined in July 2025). She is the Principal Investigator of the Computational Biomedical Imaging and Health Informatics Lab (CBI-HI)

She was a Postdoctoral Researcher (Associate Specialist) in the Department of Radiology and Biomedical Imaging, University of California, San Francisco (UCSF) during 2021–2025. Prior to this, she completed her PhD (Biomedical Engineering) at the Indian Institute of Technology (IIT) Delhi, in October 2021. She has also worked at Philips Health Systems, MRI Division, as an MRI Application Specialist, collaborating with renowned radiologists across India, including Fortis Memorial Research Institute, All India Institute of Medical Sciences (AIIMS), PGI, Apollo Hospitals, Mahajan Group of Imaging, Max Hospitals and many more.

She is awarded as a Junior Fellow at International Society of Magnetic Resonance Imaging in Medicine (ISMRM), and a Bruce-Hasegawa Excellence Award winner at University of California, San Francisco.

## **Area of Expertise:**

- Medical Imaging (Primarily Magnetic Resonance Imaging/MRI and broadly CT, PET, X-ray)
- Image Processing: Acquisition, Reconstruction, Post-processing, Analysis,
- Computational and Quantitative Techniques
- Applications of Deep Learning in Medical Imaging and Health Informatics

Here is the website if you need any further information:

<https://sites.google.com/view/rupsa-bhattacharjee-phd/bio>