



Dr. Arundhati Misra:

She received her BE in Electronics and Tele Communication Engineering and ME in Computer Science Engineering in 1984 and 1986 respectively from Jadavpur University, Calcutta. She completed her PhD, in Computer Science Engineering from Nirma University, Ahmedabad as an external candidate, in 2017.

She has been involved in the design and development of SAR processing algorithms for various SAR missions including Seasat, ERS-1 and ISRO's first Airborne SAR sensor and RISAT-1. She contributed extensively to the design and development of a parallel processor based SAR processor, on PARAM (India's first indigenous supercomputer), of CDAC, India. She was a member of the team to receive the '100 MFLOPS PARAM Award'. She served as Project Manager for ISRO's Multifrequency Scanning Microwave Radiometer and also contributed as Deputy Project Director, for Data Products for the Joint ISRO-CNES, 'Meghatropiques' project. She had contributed to the simulation studies and configuration design of ISRO's proposed millimeter wave sounders TSU & HSU. She was deputed as a Guest Scientist at DLR, Oberpfaffenhofen, Germany, where she developed the DInSAR processing algorithm for the German ESAR sensor.

Currently she is the Group Director of Advanced Microwave and Hyperspectral Techniques Development Group, in SAC. Her research interests include SAR, radiometer, scatterometer simulation and processing, and advanced algorithm development related to microwave sensors, InSAR, PolSAR, Hyperspectral data analysis etc. She is also a member of the CEOS_WGCV since 2016.

She has several research publications in international and national journals and technical reports of SAC.