



Dr. Sawant Sariput Sudhakar Rao

Smt. Manthripragada Sita Devi - Sri Rama Rao Medal

Dr. Sariput S. Sawant (born on 5th March 1979) is a Technical Officer at CSIR-National Geophysical Research Institute, Hyderabad, and has contributed in the field of Geochemistry and Analytical Geochemistry for studies related to trace and REE element geochemistry of Black Shales from different parts of India representing spatio-temporal variation. He has experience of more than 12 years in the operation of Inductively Coupled Plasma Mass Spectrometer (ICP-MS) in terms of standardisation, calibration, generation of highly precise data. He has studied crustal evolution, environment and collection-characterisation of deep sea ocean sediments, cobalt encrustations at Afanasy-Nikitin seamount, South Central Indian Ocean in a research career spanning more than 12 years. He has been offering training and hands on experience on Q-ICPMS and HRICPMS to research scholars, students and officers from various Universities and Research Organizations. Dr. Sawant has obtained M.Sc. degree (Geology) from Swami Ramanand Teerth Marathwada University, Nanded and subsequently completed Ph.D. in the year 2012. He is an active Scientist with an inclination towards development of new analytical methods for geological samples, modifying existing analytical tools to enhance/optimize geochemical analysis and has been extensively working on Inductively Coupled Plasma Mass Spectrometry (ICP-MS and HR-ICP-MS) for the past twelve years.