

Dr. Shailendra Saini

Dr. Shailendra Saini received his MSc (Electronics) and PhD in the field of Electromagnetic Wave Propagation at High Latitude region from Barkatullah University, Bhopal. He had participated in XXII, XXIV and XXV Indian Scientific Expedition to Antarctica and was awarded with CSIR-SRF during research career at Barkatullah University, Bhopal. He joined NCAOR as Research Scientist 'C' on 26 December 2007 and undertook the designing of the infrastructural requirement (Servers, Operating systems, network components) for robust, scalable and secure network for NCAOR domain and for Indian Research Station MAITRI. He was deputed as Leader of the Arctic team (June - July 2008). Dr. Saini assisted Space Application Centre (SAC) and Electronics Corporation of India Limited (ECIL) in installation of C-Band SATCOM Antenna, for communication with MAITRI Station Antarctica. He created and implemented structured design for Local Area Network (LAN) for data/voice/video transfer with Maitri during XXVIII Indian Scientific Expedition to Antarctica.

Dr. Saini joined Antarctic Logistics as Scientist 'C' on 05 October 2010 and has been a big support to logistic operations especially in maintaining regular and timely supplies to Maitri and Bharati from India and Cape Town. He was associated with the planning and construction of New Indian Research Station, Bharati at Larsemann Hills and setting up scientific/fields laboratories and establishment of Earth Station for SATCOM link between NCAOR-BHARATI at NCAOR. He has 8 research papers in peer reviewed National and International journals, 24 papers in conference/seminars.

He was the Voyage Leader for the recently concluded XXXIV Indian Scientific Expedition to Antarctica during 2014-15 involving management of personnel and resources including ship and helicopters support to scientific programmes.

Dr. Shailendra Saini is awarded with certificate of merit for his outstanding contribution in the field of Polar Sciences.