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inspection, site selection and installation of various seismic equipments. Sh. Singh has successfully completed the setup of highest Seismological observatory of NCS at an altitude of 4320 M above mean sea level at Hanley (Leh) under OSN project.

Sh. Manjeet Singh has efficiently managed and interacted while on tours to various observatories with the concerned State/District administration for resolving various logistic problems of seismological observatory buildings owned by the State Governments. His dedicated and sincere efforts have generated valuable data from the various seismological observatories.

He has played a key role in framing the replies to the arbitration case against M/s. SATA pertaining to the project "Archival and Digitization of Seismic Analogue charts" and attended all arbitral proceedings and promptly provided the required inputs to the Govt. Counsel as and when required. His good communication and drafting skills helped to frame the timely replies in the arbitration case mentioned above. He was also responsible for uploading inputs on the LIMBS portal of Department of Legal Affairs (DOLA) after every proceeding. He is also looking after the administrative and technical matters of seismological observatory at Kamla Nehru Ridge, Delhi as and when required. He has good technical skills in diagnosing the faults and complete overhauling of the various analogue and digital seismographs. He also has good knowledge of administrative procedures involved in Govt purchases through various Govt portals. Sh. Manjeet Singh is always willing to take additional responsibility and he is sincere and dedicated to his duties.

#### **Shri Ashish Hari Paiguinkar**



**Sh. Ashish Hari Paiguinkar** is working as a Scientific Assistant in Polar Cryosphere and Ice Core Studies division at National Centre for Antarctic and Ocean Research (NCAOR), Goa. He has been actively supporting ice core research activities at the National Centre for Antarctic and Ocean Research, since 2006.

His role involves the archival, maintenance, processing and analysis of ice cores and snow samples from Antarctica and Himalayas. His main role has been to carry out measurements of major ions in ice cores using Ion chromatography (DX 2500, ICS 2000 and ICS 5000+) in a class-100 clean room, as well as working in -20°C cold rooms for long periods of time. In addition, he is proficient in operating other instruments such as Inductively Coupled Plasma Mass Spectrometry (ICP-MS), Coulter Counter and High Sensitivity Total Organic Carbon Analyzer, for measurements of trace elements, dust and total organic carbon, respectively in snow/ice cores.

He has been a Member of Ice core drilling team of the 37<sup>th</sup> Indian Scientific Expedition to Antarctica as a part of the joint Indo- Norwegian Project "Mass balance, dynamics, and climate of the central Dronning Maud Land coast, East Antarctica (MADICE)" for ice core drilling on ice rises and also member of the Indian Scientific Expedition to Himalayas for conducting glaciological and hydrological field studies at high altitude glaciers.