

Brief Bio-data of Dr H S Mandal, Scientist E

Dr. H.S. Mandal obtained his **M.Sc.Tech in Applied Geophysics** in the year 1995 and **PhD in Seismology/Applied Geophysics** from **Indian Institute of Technology (Indian School of Mines) Dhanbad(IIT(ISM))**, **Post Graduate Diploma in Seismology (2005-2006)** and **Master in Disaster Mitigation** from International Institute of Seismology and Earthquake Engineering and Building Research Institute (**IISEE & BRI**) Japan and National Graduate Research Institute for Policy Studies (**GRIPS**) in **Tokyo, Japan**.

He worked in the different multi disciplinary organizations of Govt. of India such as a Research fellow in IIT(ISM) Dhanbad(1995-1998), as a Scientist in the **Central Ground Water Board (CGWB), Ahmedabad, Gujarat (1998-2003)**, **Trainee Meteorologist at Central Training Institute, India Meteorological Department (IMD), Pune(2003-2004)**, as a **Meteorologist/Scientist in the IMD/National Centre for Seismology(NCS), Ministry of Earth Sciences, New Delhi since 2004**. He along with a **National Team of CGWB** has performed **post earthquake disaster mitigation (relief-rehabilitation and water sanitization) at Kachchh, Gujarat between the years 2001-2002**, **Rajkot emergency water supply scheme** along with Gujarat Water Supply and Sewage Board (**GWS&SB**) during pre-monsoon in the year 1999. He has also received enough exposure on research activities of **Borehole Geophysics Research laboratory (BGRL), NCS, MoES Located at Karad, Maharastra**. He was deputed to work in the **Secretariat office of International Geological Congress (IGC) of Geological Survey of India (2017-2019)**. In the year 2021 one of his student awarded **PhD Degree from Department of Applied Geology, National Institute of Technology (NIT) Raipur**.

Dr Mandal is a permanent member of many learned societies such as Indian Geophysical Union (**IGU**), Indian Society of Earthquake Sciences (**ISES**), India Meteorological Society (**IMS**), Executive Council Member of Japan International Cooperation Agency (JICA) Alumni Association of India (**JAAI**) etc.

He has vast experiences in the field of **Groundwater exploration, Geotechnical and Geophysical investigation, Seismology and Earthquake Engineering and Disaster Mitigation**. He has published several research papers in the field of **Seismology/Groundwater** to the National and International Peer reviewed Journals. He coauthored along with a report on **seismic microzonation of National Capital Territory (NCT) Delhi**. Presently he is looking after the **Project seismic microzonation of 30 cities in India**.