



Manoj Basu

Senior Vice President(Geology)

Energy Infratech Private Limited

Profile

Manoj Basu after obtaining Master Degree in Applied Geology from IIT Kharagpur in 1974 initially specialized in groundwater studies, and then joined NHPC Ltd. in 1982. Since then he had been involved in geological & geotechnical studies for preparation of DPRs of 21 Hydroelectric Projects. As Resident Geologist (In-charge), he was instrumental in mitigating site-specific solution to geological problems during construction stage of dam, underground powerhouse & tunnels of various projects including Uri-II, Kishanganga, Chutak & Nimoo-Bazgo HE Projects in J&K, Parbati-II & Parbati-III in Himachal Pradesh and Teesta-V & Rangit HE Projects in Sikkim.

Professional Highlights

As General Manager (Geotech) Corporate office NHPC, he was heading a multidisciplinary team of experts from the field of Engineering Geology and Geotechnology, Engineering Geophysics, Remote Sensing techniques, and construction material survey for attending Geological and Geotechnical assignments related to all Hydropower projects of NHPC Ltd. He is having more than 33 years of experience in Engineering Geology & Geotechnical investigation and has been actively involved in formulation of DPRs and construction of Hydroelectric projects in India, Bhutan, Nepal and Myanmar.

After superannuation in 2013, he joined Energy Infratech Pvt. Ltd. and presently involved in number of projects under various stages of development in India, Bhutan, Uganda besides providing assistance to NEEPCO, SJVNL, PFC, REC and CERC.

He is an active life member of Indian Society of Rock Mechanics & Tunneling Technology (ISRMTT) and Indian Society of Engineering Geology (ISEG) and had authored number of national

and international technical papers in the field of Engineering Geology, besides organizing and participating in number of national and international seminars & workshops.

Educational Qualification

MSc Applied Geology, 1974, IIT Kharagpur