



YACHU, J.K.
Consultant & Faculty (Engineering Geology)
Consulting Engineering Geologist
Formerly Chief (Geology), NHPC

J.K. Yachu did M. Sc, M.Phil from University of Jammu, J & K in 1984. He retired as Chief (Geology), NHPC Ltd where he worked for about 26 years as Engineering Geologist. He has vast experience in Geological and Geotechnical studies and report preparation of hydropower projects and has been associated with many large Hydropower projects located in Himalayan region and frontal fold belt in India and Myanmar and obtained rich experience of project construction in challenging rock conditions of Himalaya region. He has been involved in dam safety inspections of various projects.

He has rich expertise in undertaking neotectonic and fault related studies for hydropower projects located in volcanic regions and active earthquake areas. He has been involved in preparation of several bankable Detailed Project Reports, contract documents and obtaining various Government Clearances. He also initiated use of software namely DIPS, SWEDGE, UNWEDGE and GSI-Rocklab for estimation of geotechnical parameters using geological data in NHPC.

He is currently working as Consulting Engineering Geologist for Geological & Geotechnical Investigations and Construction aspects of wide underground cavern in challenging rock conditions of Peninsular India as well as for development of pump storage projects in Kalahandi district, Orissa.

He developed Source Book on Geological, Geotechnical Investigations & Reporting as part of Dam Safety Guidelines for UNFAO-FAOAF. He has been faculty at various organisations and provided training to geologists, geophysicists and engineers in hydro geological, geotechnical investigations and geophysical studies for water resources projects. He has published several technical papers in various journals and has been invited as a key speaker in several conferences including Indian Space Research Organisation, Hyderabad.