

Mr. V.V.BADAREENARAYANA
Expert – Civil Design
Energy Infratech Pvt. Ltd.



PROFILE

More than 36 years in design of concrete/ Masonry/ Embankment dams, Barrages, Canals, Powerhouses and related structures, including investigations, planning, layout, detailed designs and working drawings for construction and about 4 years in Hydrological studies, including hydrological observations and flood forecasting associated with the design of Mega H.E Projects, viz. Srisaïlam (900 MW), Tehri (1000MW), Sardar Sarovar (1200 MW), Indira Sagar (1000 MW), Teesta (1200 MW), and Tala (1020 MW).

PROFESSIONAL HIGHLIGHTS

Central Water Commission
Chief Engineer
(June 1982 to 2000)

Hydrological Studies including water availability, design flood estimation, scrutiny of the projects in respect of hydrological aspects Hydrological Observations, Flood forecasting and appraisal and Monitoring of Major / Medium Irrigation projects Design consultancy for Civil and hydro-mechanical works of HE and Irrigation projects under construction / planning, including Dams, Barrages, Canals, Power houses and related structures. Design of Hydel Civil works, diversion intake Structures, water conductor systems, tunnels and other underground openings, power houses buildings and other related structures. Design of Earth, Rockfill Dams, Spillways, Barrages, Canals, and related works. Investigation of river valley schemes and preparation of project reports.

OVERSEAS ASSIGNMENTS

Civil Engineer Consultant
(1975 to 1982)

Yemen Arab Republic (WAPCOS Assignment)

Prepared six irrigation schemes with low to medium height embankment /gravity dams, including design drawings, estimates and specifications.

Mozambique (WAPCOS assignment)

Carried out rehabilitation studies for the 45m height Massingir Dam.

Govt. of Iraq.

Operation and maintenance of 100m high rockfill dam and execution of rehabilitation works

Bhutan

Studies carried out for restoring / improving performance of 5 mini HE schemes.

EDUCATIONAL BACKGROUND

Bachelor of Engineering
Masters in Science Engineering

Memberships Held

Fellow of Institution of Engineers (India)
Life Member of India Geotechnical Society
Life Member of India Society of Engineering Geology