BRIEF BIODATA

1.	**Name**	**Dr. TEJRAM NAYAK** **Former Member (Civil), Narmada Control** **AuthorityDept of Water Resour. MoJS, GoI**
2.	**Parent Institute**	Scientist – G, National Inst. of Hydrology Roorkee (Retired)
3.	**Educational Qualification**	**Ph.D.** (Civil Engg), IIT Delhi 1990-1992 (Left to join job at Space Application Centre, Hisar (Haryana) Completed in 2014 from RGPV, Bhopal in 2014 on Flood forecasting in Lower Narmada basin for SSP **PG Diploma** in Remote Sensing & GIS Application, Indian Institute of Remote Sensing, Dehradun – 1994 **M. Tech.** (Hydraulics & Water Resources Engg.), Indian Institute of Technology, Kanpur, 1989 **B.E.** (Civil Engineering), NIT, Raipur, 1987
4.	**Present Post**	Scientist 'G' & Head, Central India Hydrology Regional Centre, Bhopal (M.P.) : Permanent Member (Civil), NCA, Indore : On deputation
5.	**Experience**	31 years

National Institute of Hydrology, Roorkee : Posted at Regional Centre, Bhopal (i) Scientist 1997 - 2006 (ii) Scientist 2006 - 2019	Basic, applied and strategic research studies in the area of hydrology and water resources: rainfall-runoff modeling, impact of landues changes on runoff. real time flood forecasting, water balance of river basins, reservoir operation, reservoir sedimentation, soil erosion, impact assessment of landuse changes on catchment, evaluation and planning of water resources in a river basin, application of remote sensing & GIS in hydrological studies, groundwater modeling, command area management, crop water requirement and irrigation scheduling, Soil and Water Conservation in Small Watersheds.
Narmada Control Authority, Indore – On Deputation (i) Director (Hydrology) (2006 to 2011) (ii) Member (Civil) 2019 – till date	Annual water accounting and river flow forecasting using Real Time Data Acquisition System, Reservoir Operation, Sharing of water among four party States as per NWDT award, canal loss estimation.
Space Application Centre, Hisar (Haryana) (i) Scientist (Water Resources) (1992-1997)	Remote Sensing Application to Water Resources, Integrated Mission for Sustainable Development, GIS based mapping of Groundwater Quality, Watershed Prioritization.

7.	**Publications**	Technical reports 51 Research Papers 81 M.Tech Students Guided 28