

## **Justification on the project**

Under national network, Scheme of Ministry of Water Resources, government of India, the central water Commission has established a number of hydrological stations on various rivers /basins to collect water resources, Sediment and Water Quality data on a long term basis to estimate water potential of rivers/basins and also forecasting as a whole, to plan proper utilization of water resources and its management. The station situated across the Moyar River near Thengumarahada is one among them which is established in the year 1978 and likely to continue for another 20 years. At present the parameters collected at this station are Stage, Discharge, Sediment and Water Quality of River Moyar. Since this river Moyar as a part of Cauvery Basin which is an inter –state one, the data collected at this station is important on technical grounds. The sediment data collected at this site will facilitate to study the life of Bhavanisagar reservoir/capacity fluctuations of the LBP dam /and help in taking remedial measures.