

Theory of Structure

Conducted By: Bikash Debnath

Civil Technology

Masonry Dam

- ▶ Masonry dams are dams made out of masonry - mainly stone and brick, sometimes joined with mortar. They are either the gravity or the arch-gravity type. The largest masonry dam in the World is Nagarjunasagar Dam, Andhra Pradesh & Telangana, in India.

Functions of a Dam

- ▶ A dam holds water for later use, irrigation, navigation, hydroelectricity, flood control, fishing, and recreation.



Types of Dam

- ▶ Arch Dam. A concrete or masonry dam, which is curved upstream so as to transmit the major part of the water load to the abutments.
- ▶ Buttress Dam.
- ▶ Cofferdam.
- ▶ Diversion Dam.
- ▶ Embankment Dam.
- ▶ Gravity Dam.
- ▶ Hydropower Dam.
- ▶ Industrial Waste Dam.

