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Kaleshwaram Lift Irrigation Project

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- The Kaleshwaram Lift Irrigation Scheme of Telangana is a multi-purpose irrigation project on the **Godavari River in Kaleshwaram, Bhupalpally, Telangana.**
- The project starts at the **confluence point of Pranahita River and Godavari River.**
- Originally called **Pranahita-Chevella project** in erstwhile Andhra Pradesh, it was redesigned, extended and renamed as **Kaleshwaram project in Telangana in 2014.**

Godavari River

- The Godavari is **India's second longest river** after the Ganga.
- **Source:** Trimbakeshwar, Maharashtra.
- **Areas drained:** It flows east for 1,465 kilometres, draining the states of **Maharashtra, Telangana, Andhra Pradesh, Chhattisgarh, Odisha, and Karnataka**, ultimately emptying into the Bay of Bengal through its extensive network of tributaries.
- **Tributaries:** The major tributaries of the river are classified as the **left bank tributaries** which include the Purna, Pranahita, Indravati and Sabari river and the **right bank tributaries** are Pravara, Manjira, Manair.

Pranahita River

- Pranahita river is the largest tributary of the Godavari river covering about 34% of its drainage basin.
- It is a confluence of various other smaller tributaries like Wardha, Penganga and Wainganga Rivers.

Benefits of the Project

- It would bring **drinking water and irrigation** to the backward areas of Telangana.
- It will also help to **restore the ground water level** to its original state by the way of shifting from usage of groundwater for irrigation to usage of surface water.

- The project will also support **Mission Kakatiya** and **Mission Bhagiratha** schemes designed to provide drinking water to many villages and improve the capacities of tanks.

Mission Kakatiya

It is a flagship programme launched by the Government of Telangana which aims at **rejuvenation of water tanks and other water storage structures** to provide assistance and help to the **small and marginal farmers** of the state.

Mission Bhagiratha

- It is a project for **safe drinking water for every village and city household** in Telangana State.
- It aims to provide **piped water** to 2.32 crore people in 20 lakh households in **urban and 60 lakhs in rural areas** of Telangana.
- The project will supply **clean drinking water** to all households in the state through water sourced from **River Godavari and River Krishna**.

Source: TH