

GOVERNMENT DEGREE COLLEGE, LUXETTIPET

DIST: MANCHERIAL

Date: 05-12-2022

NOTICE

It is here by informed to the students of I, II, and III yr, that the field trip will be conducted by Economics department on 07-12-2022 in view of making the learning more experiential in courses of Economics. Hence I instruct to all the I,II, and III year students to attend to field trip and make it success

Department of Economics

Principal

GOVERNMENT DEGREE COLLEGE LUXETTIPET

MANCHERIAL

PERMISSION LETTER

Date : 6-12-2022

To

The Principal,

Government Degree College,

Luxettipet, Dist: Mancherial.

Sub: Requesting permission to conduct Field trip to “Manair Dam , Karimnagar”

Dist : Karimnagar. Req,reg.

As per the subject cited above, department of Economics has planned to take the Students for field trip to Maneru Dam (LMD) Karimnagar. This may improve the students learning levels as a practice of experiential learning. Hence I request you kindly to grant me permission in this regard

Thank you sir

Yours Sincerely

Lower Manair Dam- Karimnagar



Brief information about Lower Manair Dam- Karimnagar

This topic is completely related to Primary sector, in this sector study about agriculture and allied activities

For BA III year, V Sem students are study about this content, the subject paper is Agricultural Economics. So the Department of Economics is arranged the field trip to improve physical knowledge of the students

ABOUT LOWER MANAIR DAM

The Lower Manair Dam otherwise called LMD was developed over the Manair River, at Alugunur town, Thimmapur mandal, Karimnagar District. It gives water system to a gross order zone of 163,000 hectares 400,000 acres. The Manair River is a tributary of the Godai River and the dam is worked over the stream at the conjunction with Mohedamada River. The dam depletes a catchment territory of 2,496 sq mi which incorporates 694.00 sq mi of free catchment and the adjust is captured catchment. Karimanagar town is 3.7 mi far from the dam. In the region of the LMD which is the main place of diversion for the general population of Karimnagar, in the light of late suffocating occurrences and the uncertainty made by law breakers, safety efforts have been ventured up.

Features

Lower Manair Dam's construction was started in 1974 and commissioned in 1985. It is an Earth cum Masonry dam. The dam height above the deepest foundation is 41 metres (135 ft); the maximum height of the earth dam is 88 feet (27 m). The dam length is 10,471 metres (34,354 ft), top width is 24 feet (7.3 m). It has a volume content of 5.41 million cum with a reservoir water spread area of 81 square kilometres (31 sq mi) at FRL of 280 m (920 ft). The gross storage capacity of the reservoir is 680 million cubic meters and the effective storage capacity is 621 million cubic meters (Mcm). The spillway is designed for discharge of capacity 14,170 cubic metres (500,000 cu ft)/ second (and is controlled by 20 gates^[6] of 15.24 by 7.31 metres (50.0 ft × 24.0 ft) size,^[5] while the maximum observed flood discharge is reported to be 9,910 cubic metres (350,000 cu ft)/second.^{[4][8]}

The storage behind the dam serves as a balancing reservoir for the Kakatiya Canal and regulates flow for irrigation.^[9] The command area for irrigation is 163,000 hectares (400,000 acres).

The water quality status of the Lower Manair Reservoir was studied from September 2009 to August 2010 for the physico- chemical parameters such as water temperature, pH, turbidity, transparency, total dissolved solids, total hardness, chlorides, phosphate, nitrates, dissolved oxygen (DO) and biological oxygen demand (BOD).

The results indicated that all parameters of water quality were within permissible limits and it was concluded that the water in the reservoir was fit for use for irrigation, drinking water supply and pisciculture.^[10]



EPLANATION TO THE STUDENTS