



**A Soft Skill Development Activity for the Students
of Degree & diploma 3rd , 7th , 5th and 1st Semesters
in Civil Engineering Department.**

(Under TPA Activity)

Done by

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&

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**Industrial Site Visit At BHIKDA dam, near Bhikda
village, Bhavnagar**

Department of Civil Engineering

9th October 2024

Coordinator:

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Information

The visit to the hydraulic structures at Bhikda dam, Bhavnagar, was conducted by GMIU, Civil Engineering Department, on Wednesday, 9th October 2024. Student's third- and second-year civil engineering diploma and degree were taken to the dam site visit. Bhikda Dam was constructed 50 years ago in Bhavnagar. The main purpose of this dam is to store water and use it on farms. For observing and understanding the construction of the dam, we observed that in this dam the water level measured in inches. This visit schedule between 10:00 AM and 12:00 PM allowed us to observe the functioning of each dam component.

During the site visit, we have observed the structure of the dam. We observed that there are two dams. The 1st dam has total 24 gates. In this gate, 7 gates are automatically operated and 17 gates are manually operated. The second dam has 10 gates, and all are automatically operated. We can visit the dam and learn which level of dam we will have to make stronger so the dam can handle the pressure and force of water.

The main agenda for arranging this visit was to enhance the knowledge regarding the construction of the dam and its components. Most importantly, to give them exposure to dam construction, cross-section, and head regulator structures wherein they are going to be eventually working as civil site engineers.

As per our Gyanmanjari Innovative University College tradition we organized an Industrial visit for diploma & degree 1st, 3rd, 5th and 7th semester students of Civil Engineering Department.

Snap of Activity





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