

Gyanmanjari Institute of Technology Bhavnagar

Report on Report on

Field visit to Shetrunji Dam

Date: 30/08/2025

Time: 08:00 To 03:00 PM

Venue : Shetruji Dam-Palitana

No. of Student	12
Department	Electrical / EC Engineering
Discipline	Diploma / Degree
Semester	3 rd & 5 th
Faculty Co-Ordinator	Prof. Disha Siddhapura

Introduction

The primary objective of this educational field visit was to provide students with practical exposure to hydroelectric generation systems, dam construction techniques, and water management processes. It aimed to bridge the gap between theoretical knowledge and real-world applications in the field of electrical and civil infrastructure.

Objectives

- To create awareness about various professional student chapters and their significance.
- To motivate students to become members and participate in technical and professional events.
- To develop leadership, teamwork, and networking skills among students through chapter activities.

About the Activity

Shetrunji Dam is one of the significant water reservoirs in the Bhavnagar region, designed for irrigation, water supply, and power generation purposes. It plays an essential role in regional water management and supports local agriculture and industries.

Details of Visit:

Students were given a guided tour of the dam site by the technical staff, who explained:

- The **working principle of hydroelectric power generation**.
- **Control and monitoring mechanisms** used for water flow and turbine operation.
- **Electrical power distribution and safety systems** associated with dam operations.
- **Environmental and safety measures** maintained at the site.

Students actively interacted with the engineers and gained insights into the challenges of dam maintenance and operation during different seasons.

Outcomes

- Understanding of the practical operation of a hydroelectric power system.
- Awareness of dam construction, design, and water control techniques.
- Observation of the interconnection between mechanical, electrical, and civil systems.
- Enhanced interest in renewable energy and large-scale power infrastructure.

Conclusion

The field visit to Shetrunji Dam was highly informative and enriching for the students. It provided a real-world perspective on hydroelectric generation and water resource management. Such visits help students connect academic learning with industrial practices, motivating them to explore sustainable energy solutions.

Photographs



TPA Coordinator

Head of Department

		GYNAMANJARI INNOVATIVE UNIVERSITY	
		ELECTRICAL / EC ENGINEERING	
		TRAINING AND PLACEMENT ACTIVITY -2025-26	
COURSE	Diploma/Degree	BRANCH	Elect./EC
SEMESTER	3rd & 5th	CLASS	
ACTIVITY	Field Visit - Shetruji Dam	DATE	30/08/2025
SR. NO.	ENROLLEMENT NO.	STUDENTS NAME	STUDENTS SIGN
1	20231105050014	Chudasama Tanmay	Tanmay
2	20231105050015	Gohil Yashu	Y.P. Gohil
3	20231105050017	Rondra Dhruv	D.R. Rondra
4	20231105050018	Rondra Irvan	A.B. Rondra
5	20231105050019	Tanujirvi Virek P.	V.P. Tanujirvi
6	20231105050020	Gohil Dhruvrajsinh B.	Dhruv
7	20231105050021	Josadida Chirag G.	Chirag
8	20231105050022	Murwara Jayprakash V.	Jayprakash
9	20231105050023	Sonil Divyanshu Singh S.	S. Sonil
10	20231105050024	Parmat Hitesh A.	Hitesh
11	20231105050025	Mandiyu Dhruv	Dhruv
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