

Report on SHM Expert Session

Topic: Structural Health Monitoring for Dam Safety

Date: 06th May 2026

Time: 11.00 AM - 02.00 PM

Venue: Classroom 205, GTU-SET

Event Summary

GTU SET PG (Civil – Structural Engineering) successfully organized an insightful expert session on "Structural Health Monitoring (SHM) for Dam Safety" on 06th May 2026.

The objective of conducting an expert session are as to make students understand the concept of structural health monitoring, and understand about the dam safety using SHM.

Dr. Ramji Singh was invited as session expert. He is a Technical Advisor & Senior Consultant, IIT Gandhinagar Panel Member CDSE Committee Dam Safety Review Panel (DSRP), DRIP & State, Govt of Gujarat.

Key highlights of the session:

- Case study of Dam inclination of Sardar Sarovar Dam using Total Station & Plumb Line from inside the Dam Galleries for structural Health Monitoring,
- Understanding water-retaining structures and their types
- Exploration of sensors and their field applications
- Drawing parallels between structural health and human health for better conceptual understanding

Such expert interactions play a crucial role in bridging the gap between academia and industry, empowering students with practical insights into emerging engineering domains.

15 students have participated in the training program from PG in Civil (Structural Engineering). The event was coordinated by Prof. M. S. Seth and Prof. Rasik Makwana under the guidance of Dr J. A. Amin, Professor GTU-SET and under the direction of Dr Madhuri Bhavsar, Director GTU-SET.

Glimpses of Event



GTU-School of Engineering and Technology
PG in Civil (Structural Engineering)

Attendance Sheet

Topic **Expert session on Structural Health Monitoring for Dam Safety**

Date: 06/05/2026

Time: 11.00 AM - 2.00 PM

S.No	Enrollment No	Sem	Name	Sign
1	251370720002	2	Bhimani Nisarg	
2	251370720019	2	Chokshi Sujal . J	
3	251370720021	2	Mr. Vaishnav Milan D.	
4	251370720004	2	Chudamani Krunal	
5	251370720006	2	Harsh Vardhyay	
6	251370720008	2	Saxena Chirag	
7	251370720009	2	Ketum Parmar	
8	251370720003	2	Deshmukh Anurag	
9	251370720008	2	Gurukulam	
10	251370720013	2	Nanora Aayush.	
11	251370720015	2	Patel Pooja .S.	
12	251370720001	2	Bhagel Manisha .R.	
13	251370720016	2	Patel Pooja .D.	
14	251370720023	2	LISA MIAY	
15	251370720020	2	Vaghela Nandini ba	
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