

Report on Visit to ISR & Sant Vihar – 3 Gandhinagar

Topic: Visit to Institute of Seismology Research center & Sant Vihar – 3 Gandhinagar

Date: 10th April 2023

Time: 11.00 AM onwards

Venue: Gandhinagar

Event Summary

Today M.E. Civil (Structural Engineering) program convened visit of

1. Institute of Seismology Research (ISR) center, and
2. Construction Site of Sant Vihar-3 at Gandhinagar.

The key understanding developed during the visit @ ISR are as:

1. Understanding of earthquake and its application to various structures
2. Thorough understanding of equipment use in Laboratory of ISR
3. Interpretation of data from various graphs for the study of Gujarat's State Seismic Network & Sardar Sarovar Dam Seismic Network
4. Student interaction held with Dr. Sumer Chopra, Director General of ISR. Sir has shared the experience of earthquake effect at Bhuj & Ahmedabad. Also discussed about the effect in Gujarat region by earthquake epicenter at Nepal & Assam.

The key understanding developed during the visit @ construction site Sant Vihar - 3, Gandhinagar

1. Understanding of structural designs
2. Execution of structural designs at site
3. Understanding of reinforcement arrangement in Retaining wall & Diaphragm wall, Ramp, Underground water tank, etc.
4. Student interaction held with site engineers. They have shared a thought provoking ductile design concepts of slabs, beams & columns with its various purposes respectively.

Visit was attended by 21 students of ME Structural Engineering, GSET. Visit was coordinated by Prof. (Dr.) A. H. Dave & Prof. M. S. Seth. It was concluded by the good remarks of Prof. (Dr.) J. A. Amin, Program coordinator ME SE under the direction of Dr. S. D. Panchal, Director GSET.

Glimpses of Event

