

Report on Demonstration of Non-Destructive Tools & Structural Health Monitoring

Topic: Demonstration of Non-Destructive Tools & Structural Health Monitoring

Date: 19th February 2024

Time: 11.00 AM - 4.00 PM

Venue: IOT Lab, GSET

Event Summary

Today PG in Civil (Structural Engineering) program of GTU-GSET has convened skill enhanced activity for the students of PG in Civil (Structural Engineering) on topic "Demonstration of Non-Destructive Tools & Structural Health Monitoring". Demonstration of equipment were done by the officials from K. K. Sales.

The equipment demonstrated during the session are as:

1. e-Quake Monitor
2. e-Quake Smart Box
3. Ground Penetration Radar (GPR)

e-Quake Monitor & SmartBox works when an earthquake hits, a building status report is prepared in a matter of minutes, by the analysis & comparison of before and after data.

GPR is working as concrete scanner that aids in preparing the rebar detailing, air voids and crack detection inside the concrete structure.

The session was attended by 10 students and faculties of PG in Civil (Structural Engineering). The session was ended with the good remarks by Dr. J. A. Amin. The event was coordinated by Mr. M. S. Seth & Dr. K. M. Gondaliya under the guidance of Dr. J. A. Amin & direction of Dr. S. D. Panchal.

Glimpses of Event

