

Report on Expert Session on SHM by Er. Bhumik Halani

Topic: Overview of Structural Health Monitoring with Real-life Case Studies

Date: 31st March 2023

Time: 11.00 AM - 1.00 PM

Venue: Seminar Hall GSET

Event Summary

Today M.E. Civil (Structural Engineering) program of GTU-GSET has convened expert session talk on topic "Structural Health Monitoring (SHM) Significance & Case Studies"

Talk was delivered by Er. Bhumik Halani, CEO Hone Structural Health Monitoring (India) Pvt. Ltd.

The key topics covered during the session are as:

1. Introduction to SHM & its significance
2. Process & important components of SHM
3. Relevant Codes for SHM
4. Case studies of Heritage Structure Global Viapsna Pagoda, Mumbai; Office Building - Qatar, Stone Masonry Arch Bridge, Industrial Sheds, etc.
5. Discussed about application of IoT for making Smart Structural Health Monitoring system.

Bhumik sir has also injected a thought provoking session with the students in regards to the scope of SHM in India from Research & Industry perspective, that leads to a thought for the need of development of Indian Standards (IS) code for SHM.

He also intellectually shared the ideas for the research among the students.

Session was attended by 18 students of ME Structural Engineering, GSET. The session was concluded by vote of thanks to expert by Prof. M. S. Seth under the esteemed guidance of Dr. J. A. Amin, Professor GSET and direction of Dr. S. D. Panchal - Director GSET.

Glimpses of Event

