



INDIAN STRUCTURAL HEALTH MONITORING SOCIETY (ISHMS)

web: www.ishms.org.in

TECHNICAL LECTURE SERIES (LECTURE-6)

**APPLICATION AND IMPLEMENTATION OF ACOUSTIC EMISSION,
ELECTRO-MECHANICAL IMPEDANCE (EMI) AND GUIDED WAVE
PROPAGATION TECHNIQUES FOR SHM**

29 MAY 2024, 6:45 PM (IST)

ONLINE MODE



PROF. REZA HAMZELOO

Associate Professor, Dept. of Mechanical Engineering
Shahid Rajaei University, Lavizan, Tehran, Iran

REGISTER



**29 MAY 2024, 6:45 PM (IST),
ONLINE MODE**

Lecture link: www.bit.ly/ishmslecture6

Click here to register: <https://bit.ly/registerishm>

LECTURE



Prof. Reza Hamzeloo has expertise in structural health monitoring (SHM), damage detection and condition monitoring of the structures. He employs experiments, analytical techniques, and numerical methods in these fields. His R&D work covers electro-mechanical impedance (EMI) technique, acoustic emission, and guided wave propagation. He has carried out research on metal and composite samples of beams, plates, shells, and cylinders. In this lecture, Dr. Hamzeloo will present a summary of his activities and latest application of the techniques on metals and composites.