



## Overview of Non-destructive Testing

### **Objective**

To provide the fundamental knowledge on different types of Non-destructive testing on materials. The course is practice oriented with ratio of theory to practice instruction hours of 40 : 60.

**Duration** : 5 days

### **Target Participants**

Engineers / Supervisors/Inspectors/Technicians engaged in non-destructive testing as also Engineering College students.

### **Topical Overview**

- Overview of Different Methods
- Principle of MPT & PT
- Equipment used for MPT & PT
- Procedure for Magnetisation & De-magnetisation
- Fundamentals on Sound Waves & Ultrasonics
- UT Test Equipment & Accessories
- UT Test Techniques & Limitations
- Calibration of UT Equipment with Different types of Probe