



## Non Destructive Testing Techniques (UT Level I)

### Objective

To provide the requisite knowledge & skill on Non-destructive testing on materials through use of Ultra-Sonics only. The course is designed as per recommended practice no. **SNT – TC - 1A of ASNT for personnel qualification and certification in Non-Destructive Testing** .

The course is practice oriented with ratio of theory to practice instruction hours of 40:60.

**Duration** : 6 working days

### Target Participants

Engineers / Supervisors/Inspectors/Technicians engaged in non-destructive testing.

### Topical Overview

Overview on Non-destructive Testing of Materials, Fundamentals of Sound Waves, Fundamentals of Ultrasonic Wave, , Testing Equipment & Accessories, Operation of Specific Equipment, Calibration of UT Equipment with Different Types of Probe, Testing Techniques & their Limitations ,Basic Metallurgy & Types of Flaw, Specific Applications of Ultrasonic.

### Eligibility

- Higher Secondary or equivalent in Science with Physics & Maths & with at least 6 months of working experience in the field.
- Diploma Engineering or B.Sc with Physics & Maths with at Least 4 months of working Experience in the field.