

Brochure of SDTP

Name of the Faculty member/Scientist	Professor Anand Parey
Department/Workshop /Center	Mechanical Engineering
Name of Laboratory/ training unit	Solid Mechanics Lab
Title of the Program	Materials Testing (Mechanical)
Details of the program	<p>In any industry role of materials testing analyst is very important for quality control. The aims of this SDTP to provide practical knowledge of operation of various material testing machines used in industries to measure mechanical properties of materials like Tensile Strength, Hardness, Impact strength, Toughness etc. The training will cover various steps involved in testing like sample preparation, test set up, testing, analysis and report writing. The training will provide basic concepts of various tests used for finding mechanical properties of the materials followed by demonstration. Training will be provided on the following materials testing machines:</p> <p>(A) Micro hardness testing machine (B) Universal Hardness testing machine (C) Impact testing machine (D) Torsion testing machine (E) Universal testing machine</p>
Pre-Requisites, if any. Minimum Education Qualification	ITI /Diploma/ BSc/ BE (either completed or pursuing) Industry personnel (Any industry)
Duration (in days) And hours per day with proposed timings	05 days (07 Feb 2022 to 11 Feb 2022) 5 hours per day 10:00 AM To 5:00 PM
Mode of SDTP	Offline
Fees (including GST in Rs.)	5000
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