



DEPARTMENT OF CIVIL ENGINEERING

Month: January-2026



- The II Year – IV Semester and III Year – V Semester Civil Engineering students actively participated in a One-Day Workshop on Total Station and Non-Destructive Testing (NDT) Demonstration Training on 22/01/2026. The workshop was organized to provide students with practical exposure to modern surveying instruments and advanced techniques used for assessing the condition and quality of civil engineering structures.

The primary objective of the workshop was to bridge the gap between theoretical knowledge and practical application by introducing students to the Total Station instrument and various Non-Destructive Testing (NDT) methods. The programme enabled students to understand the importance of modern technology in surveying, structural inspection, quality control, and infrastructure assessment.

During the Total Station training session, students were introduced to the basic components, working principles, and applications of the instrument. The trainers demonstrated how a Total Station can be used for measuring horizontal angles, vertical angles, distances, elevations, and coordinates with a high degree of accuracy. Students were also given an opportunity to observe the procedures involved in setting up the instrument, centering, leveling, taking observations, and recording field data.