

Name of the Event: Online Technical Event on Techno-Poster for Diploma and Degree Civil Engineering Students.

Date	Registration Date: 09 th Sept 2023 To 14 th Sept 2023, Drawing submission Date: 09 th Sept 2023 To 14 th Sept 2023, Result Declaration Date - 15 Sept 2023.
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**TITLE : RECENT SURVEY INSTRUMENT USED IN CIVIL ENGINEERING.
(TOTAL STATION)**

ABSTRACT: TOTAL STATION IS A COMBINATION OF ELECTRONIC THEODOLITE AND ELECTRONIC DISTANCE MEASUREMENT INSTRUMENT.



APPLICATIONS OF TOTAL STATION

- 1) UPDATING MAPPING . 2) TOPOGRAPHIC SURVEY
- 3) HYDROGRAPHIC SURVEY 4) CADASTRAL SURVEY.
- 5) PROJECT CONSTRUCTION SURVEY 6) ROAD, RAIL SURVEY OR MINING SURVEY

- THIS SOFTWARE WAS DEVELOPED IN 1970 .
- THE USE OF TOTAL STATION TO MEASURE DISTANCE, LEVEL, AND ELEVATION IN GIVEN SITE.
- ADVANTAGES OF TOTAL STATION EASY TO PERFORM DISTANCE & HORIZONTAL MEASUREMENT.
- LAYOUT OF CONSTRUCTION SITE QUICKLY & EFFICIENTLY.

