



National Education Society ®

JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING SHIVAMOGGA

DEPARTMENT OF CIVIL ENGINEERING



EXTENSIVE SURVEY PROJECT

Conducting an extensive survey project is an essential element of the Bachelor of Engineering (B.E.) civil engineering curriculum. This undertaking empowers students to translate theoretical insights accrued during their coursework into real-world scenarios. Moreover, it enables them to cultivate practical proficiencies crucial for their prospective roles as civil engineers. Presented below is a comprehensive blueprint for executing the Extensive Survey Project:

Project Selection: The projects undertaken align with the syllabus stipulated by Visvesvaraya Technological University, Belagavi. VTU prescribes a range of projects for the Extensive Survey Project, to be conducted between the 5th and 6th semesters, spanning a duration of two weeks, inclusive of total station training. These projects encompass:

- A. New Tank Project
- B. Water Supply and Sanitary Project
- C. Highway Project
- D. Restoration of an Existing Tank
- E. Town/Housing/Layout Planning

Project Site Selection: The selection of the project site necessitates meticulous consideration, ensuring that the topography of the chosen site facilitates the execution of all survey-related tasks aligned with the aforementioned project categories.

Conducting Survey Activities: The entire class will be divided into batches and taken to the survey project site for an initial reconnaissance survey. This phase imparts an understanding of the site's topographical attributes. Precise instructions for carrying out survey tasks at designated project sites will be dispensed to student batches according to a predetermined timetable. Essential survey instruments and accessories required for site work will be allocated to each batch in advance. The completion of project-specific survey tasks is anticipated within a two-day timeframe.

Post-Survey Activities: Upon concluding all survey-related responsibilities for each project, students are expected to undertake subsequent office tasks. This involves the creation of AutoCAD drawing reports, inclusive of design particulars. The assessment of these reports contributes to the Continuous



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Internal Evaluation. The culmination of the semester entails a final evaluation aligned with the VTU schedule, involving viva-voce examinations during the 6th-semester Practical SEE exams.

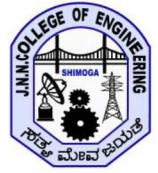
Sample Photographs of some Extensive Survey Projects conducted by the Department:

Extensive Survey Project/ Camp (18CVEP68) of 2019-2023 Batch:





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Extensive Survey Project/ Camp (18CVEP68) of 2018-2022 Batch:





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