

ABSTRACT

The construction of a multi-storey building for a Dharamshala pilgrimage serves the dual purpose of accommodating a large number of pilgrims and ensuring structural safety, functionality, and sustainability. This project focuses on the comprehensive planning, design, and execution of a reinforced concrete framed structure intended for religious and lodging purposes. The proposed structure is designed to cater to the needs of pilgrims by providing essential facilities such as dormitories, bathrooms, prayer halls, and common utility areas across multiple floors. The scope of work includes site investigation, architectural layout planning, structural design of elements such as foundations (including raft foundation due to soil conditions), columns, beams, slabs, and staircases, and ensuring compliance with relevant Indian Standards (IS codes). Emphasis is placed on cost-efficiency, durability, earthquake resistance, and user comfort. Modern construction techniques and materials have been integrated to optimize the building's performance while maintaining traditional aesthetics suited for a spiritual environment. The outcome of this project demonstrates a practical and culturally appropriate approach to designing and constructing religious lodging facilities, with particular attention to structural safety, space utilization, and community needs.