

ABSTRACT

The objective of our design project work is to apply the concepts of EPS house theoretical knowledge obtained during the course of study to design the residential building. The project deals with design of a reinforced concrete framed structure of a residential building. Total site area is 1500 sqft. This building consists of various sections like living room, bed room, kitchen, store, Pooja, etc. For our project, we have referred IS code books and technical books for designing. This project has salient features like good foundation, and very good sanitary arrangement. The structural elements and slab, beams, columns, footing were designed manually in accordance with IS code 456: 2000 using limit state method. The drawing using AUTO CADD software was also prepared during this study. Hence the detailed design for all the structural elements and drawings involved in this study are presented.

Keywords :EPS panel, AUTO CADD , Residential building

CHAPTER 3

METHODOLOGY

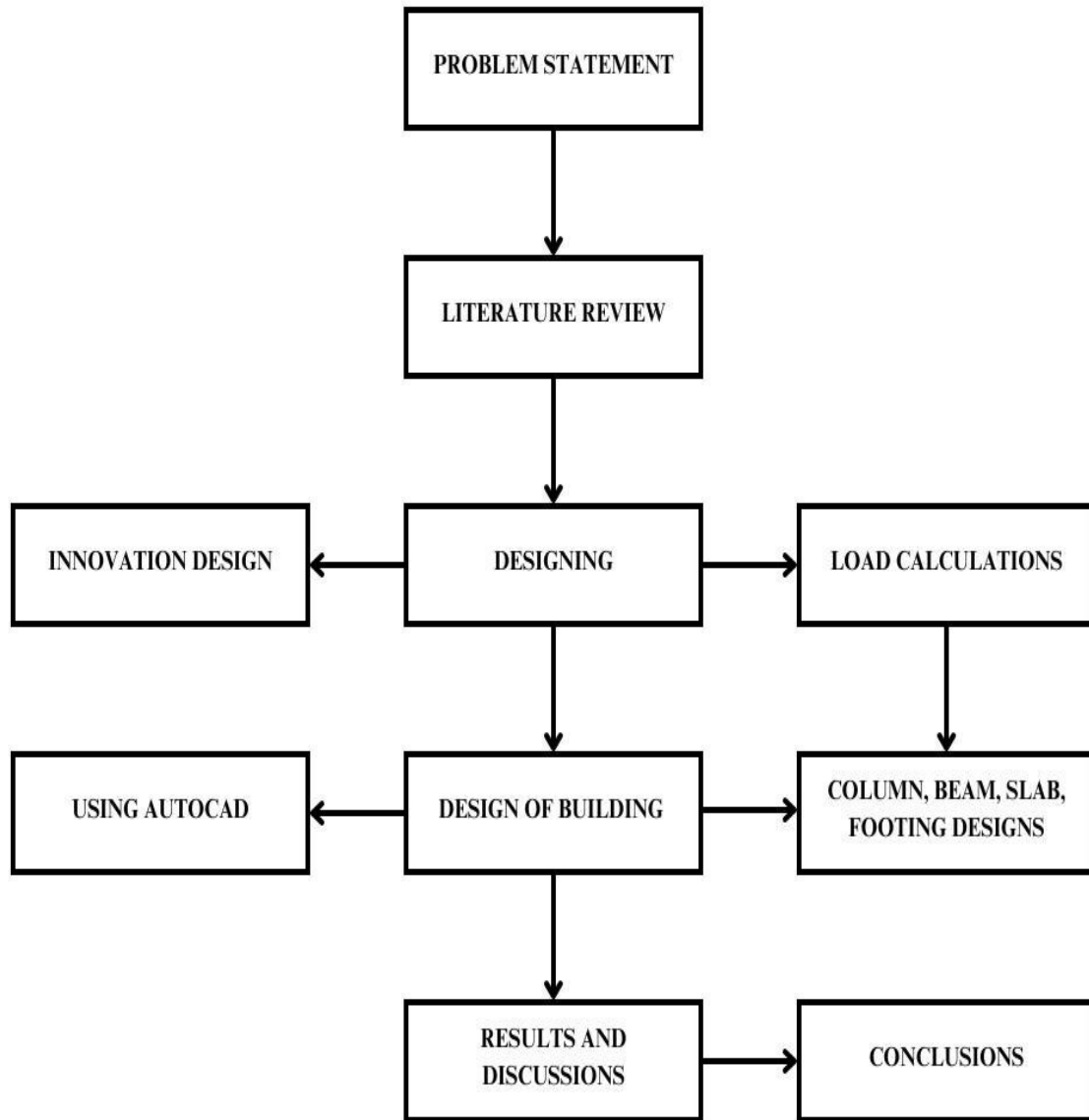


Fig 3.1 Methodology