Abstract

Every structural element has its own importance. Slabs are important because through these loads are to be transferred. Thus before any construction it is necessary to test every structural component. The testing of various components is done by different ways i.e. analytically, experimentally, & numerically. Here in this study, the importance of numerical method over experimental method is studied. Since the cost of material is very high so to analyze the structure experimentally before construction is very costly. Thus it is healthier to use numerical
method for analyzing. It is time efficient & cost effective. Now, for the numerical analysis finite element method is being used. In the present work, ANSYS tool is used for Finite Element Technique.

References


Index Terms

Computer Science

Information Sciences
Keywords
Finite Element Method  Cfrp  Gfrp