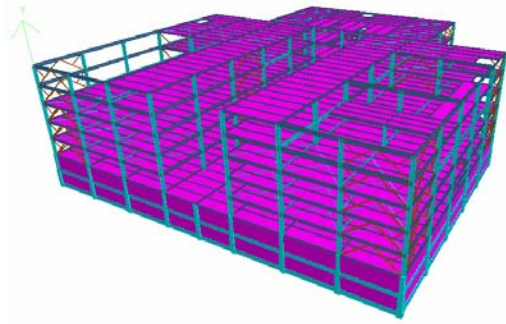


## Shopping Mall



The growth in industrial and business sectors now involves industries diligently investing in the shopping wonders or what we grandly term as the Multiplex. Multiplexes are plainly, consolidated entertainment centres



and that's the new boom sweeping urban India. In other words, consolidated entertainment centres in the form of movie theatres, restaurants and shopping arcades - all under one roof. Exploring the advent of such profitable structures INSDAG has ventured into the cost comparison study of the RCC and Steel Intensive multiplex buildings.

The study has taken into consideration all practical aspects of a modern day Multiplex (Shopping mall with Cinema halls). It is based on a real – life structure, initial architecture of which is Concrete based. The study features design of two options; the first considering RCC framed and the second considering Steel framed. The study for the two alternatives includes the following;

- Architectural layout
- Modelling using STAAD.Pro 2005
- Loading considered with various options
- Connection feasibility
- Sub-structure & Super-structure details
- Analysis of model
- Optimised design of members
- Civil Drawings
- Structural Drawings
- Quantity estimation
- Cost comparison

