Modeling of a car chassis

Abstract:

Chassis is an internal frame which is supported to the entire system. The chassis frame forms the backbone of a heavy vehicle; its principle function is to safely carry the maximum load for all designed operating conditions.

in this project we design the model of car chassis and perform the analysis of with different materials at cross sections applying different loads acting on the frame. soft ware used to work for modeling and analysis is solid works premium 2014.