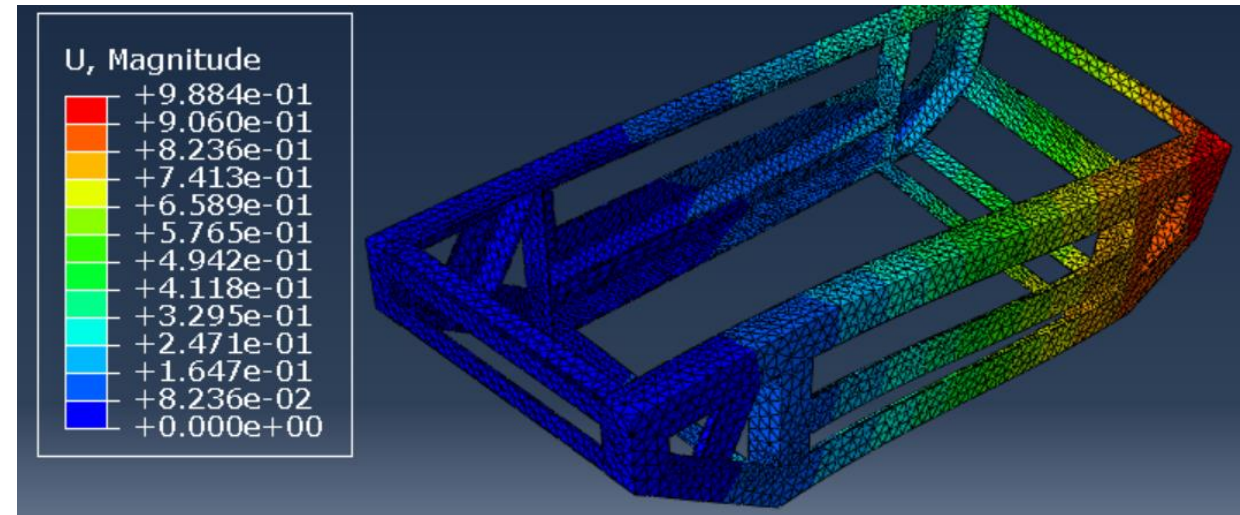
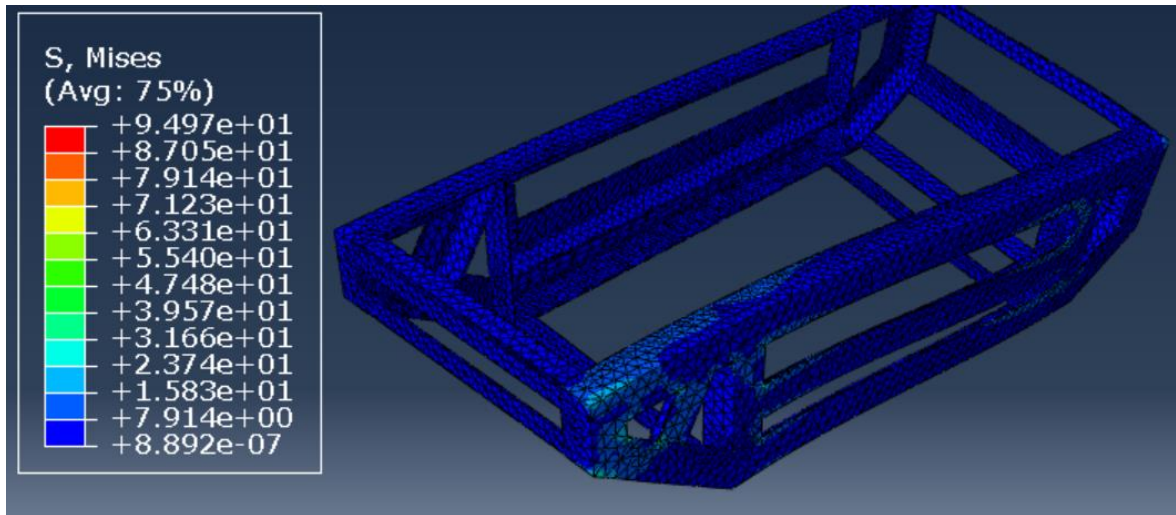
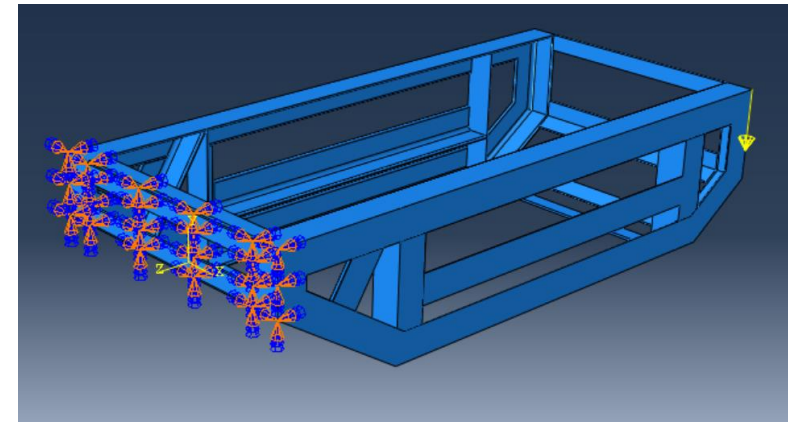
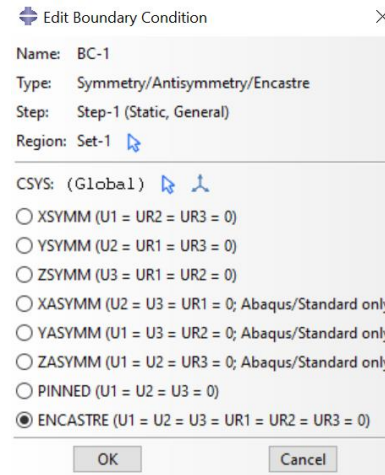
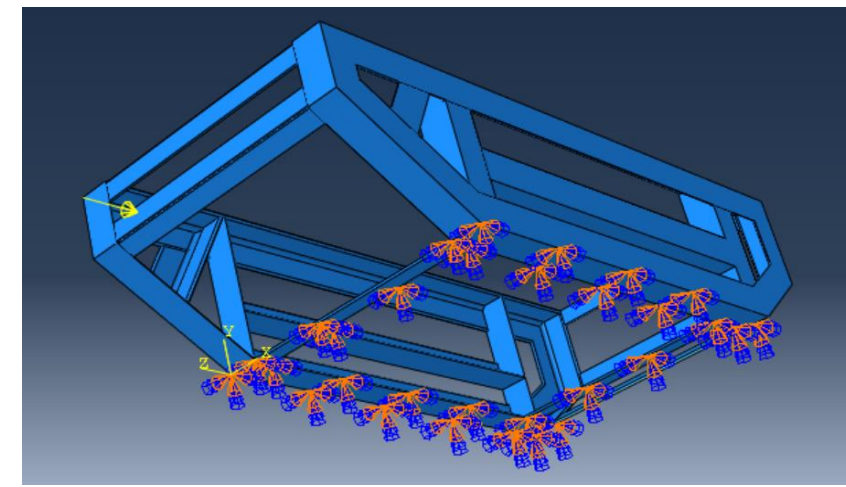
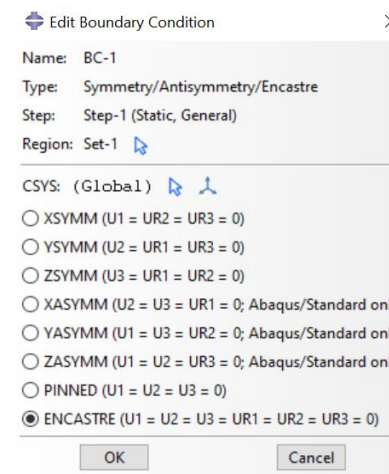


# FEM analysis of tracked robot's chassis

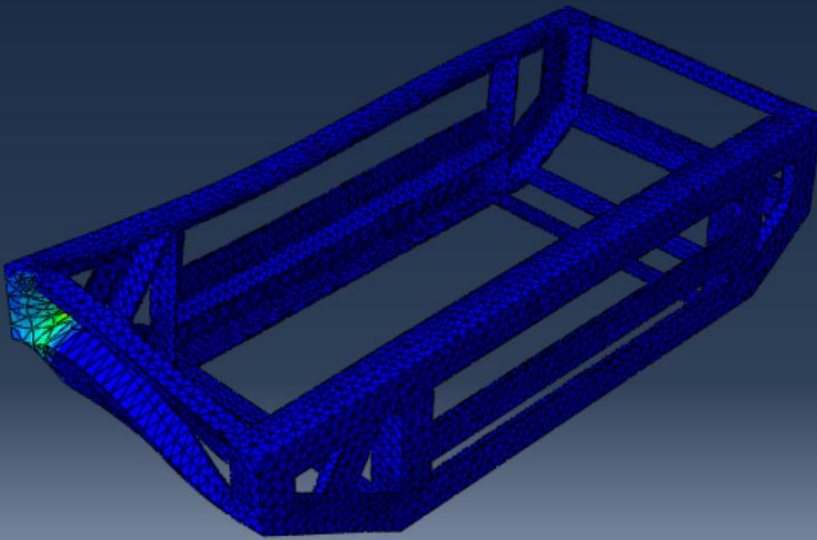
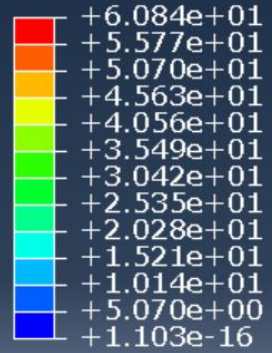
# Static analysis (200 N)



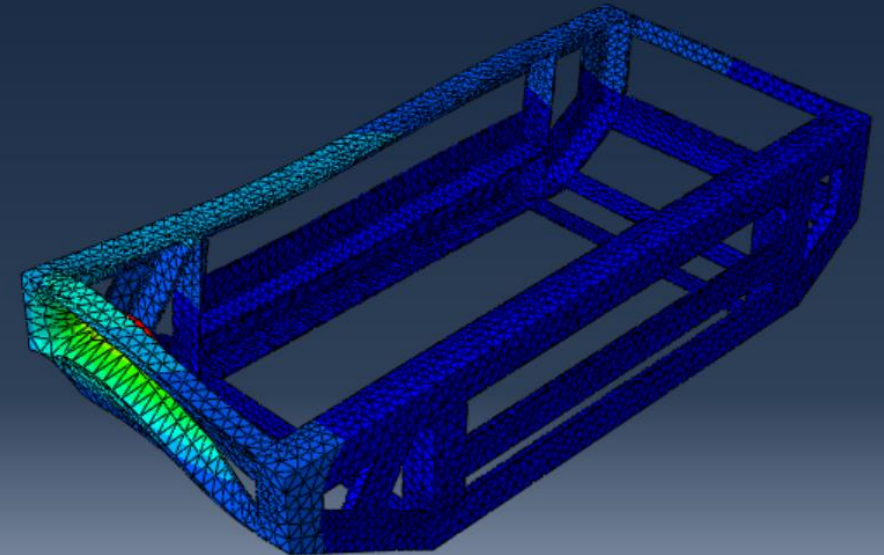
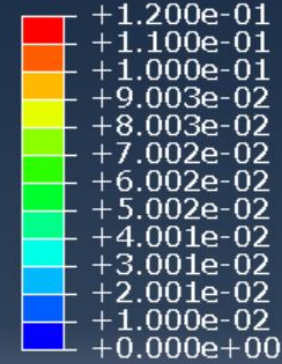
# Static analysis (200N)



S, Mises  
(Avg: 75%)

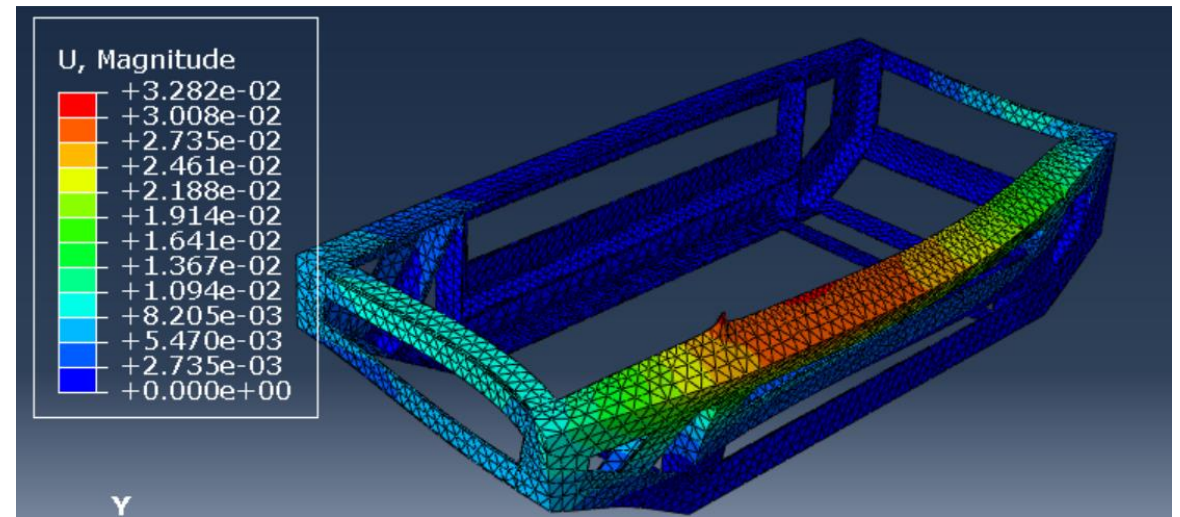
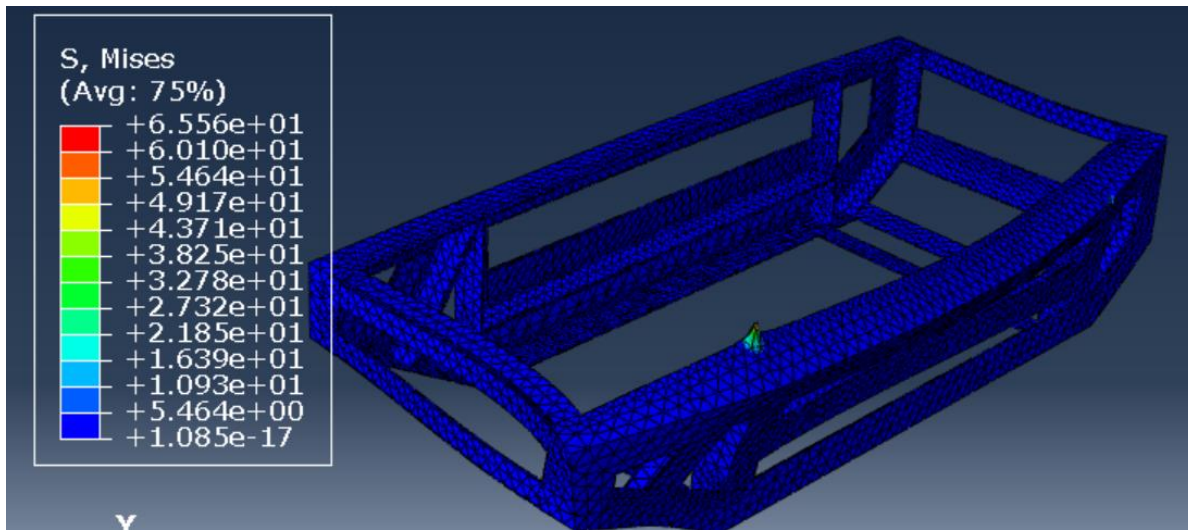
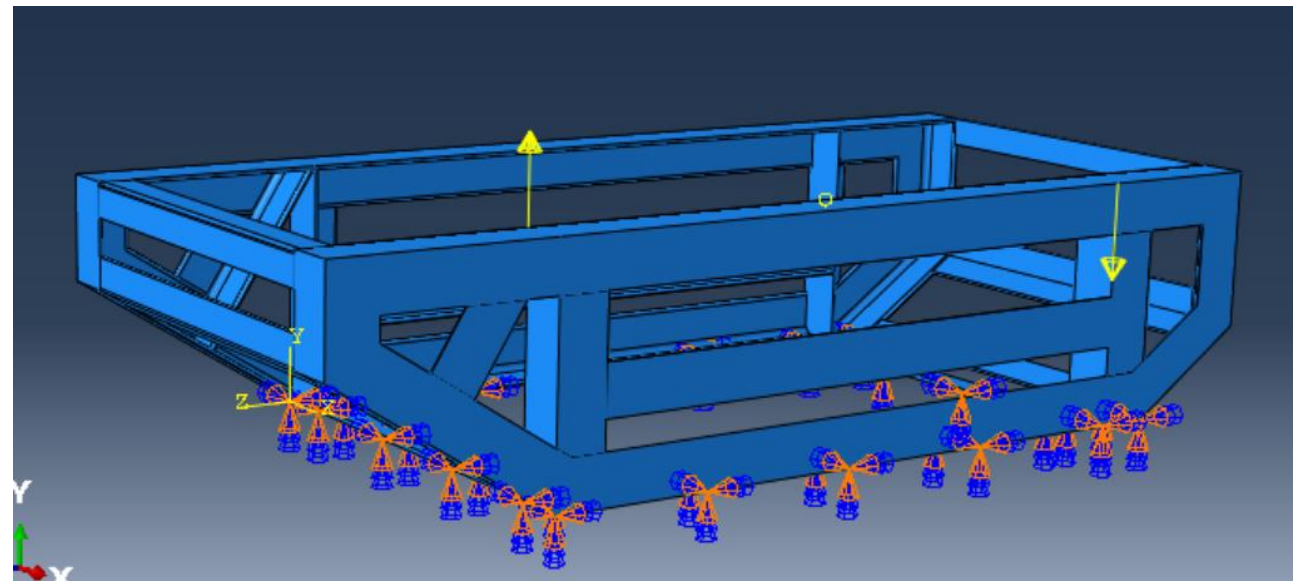


U, Magnitude

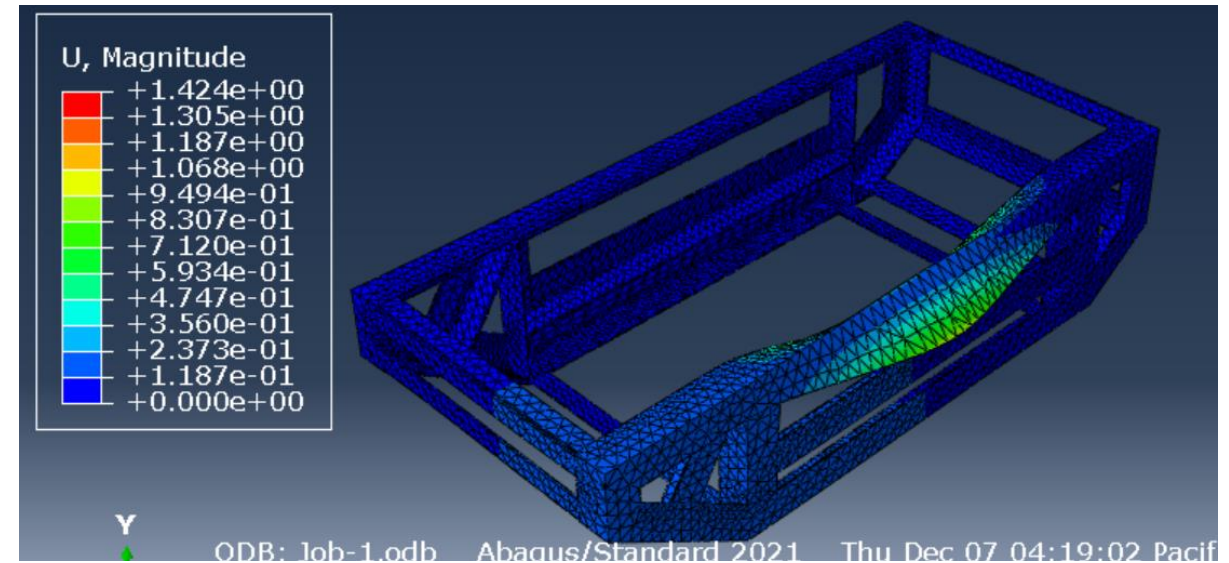
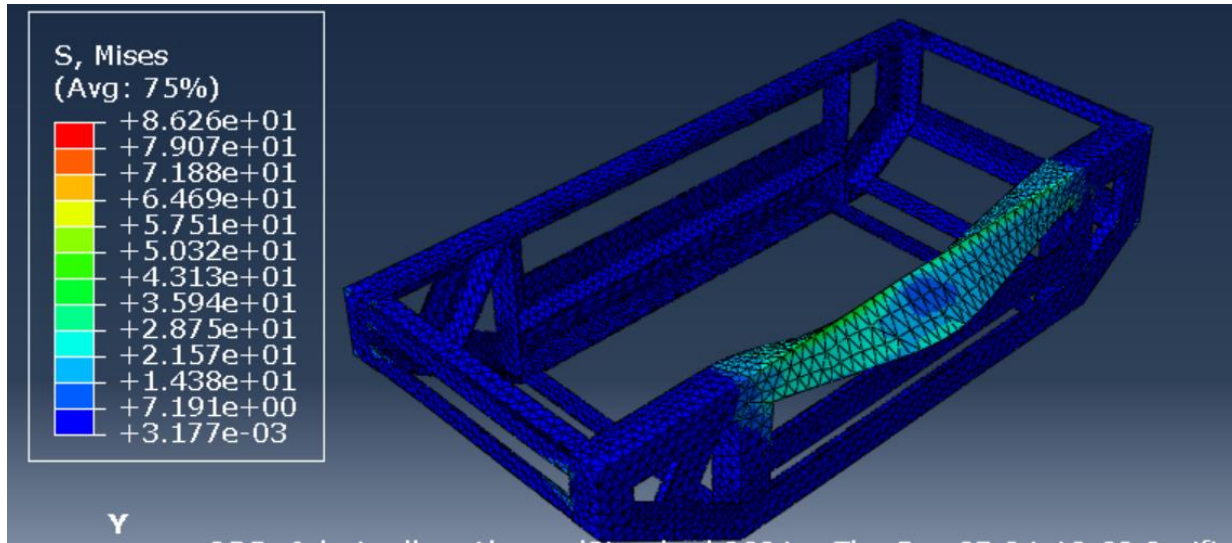
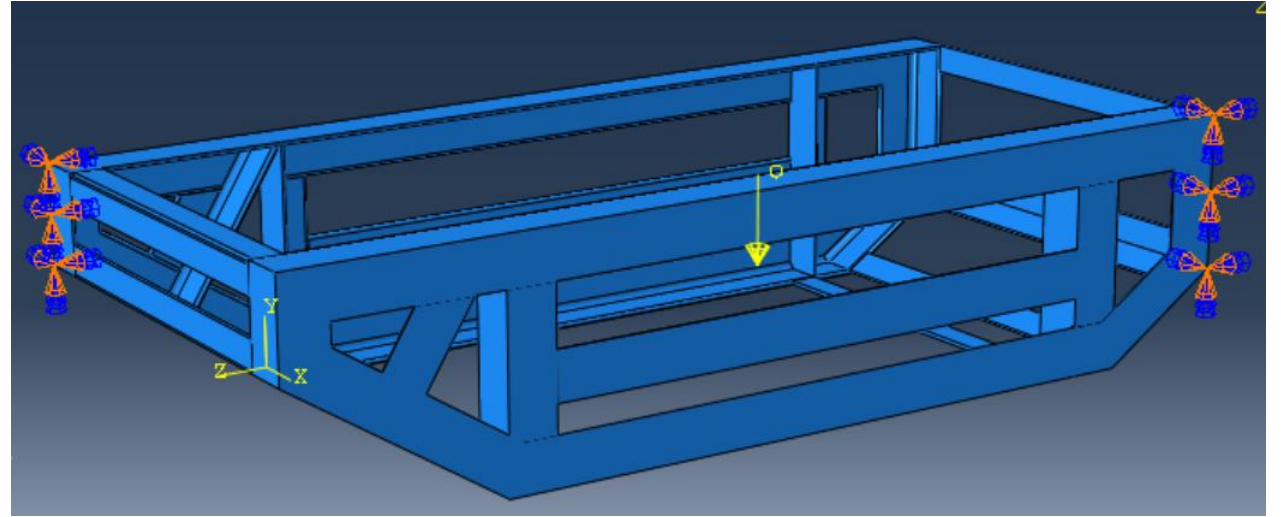




# Static analysis (200N)

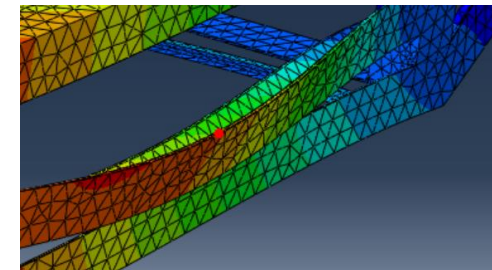
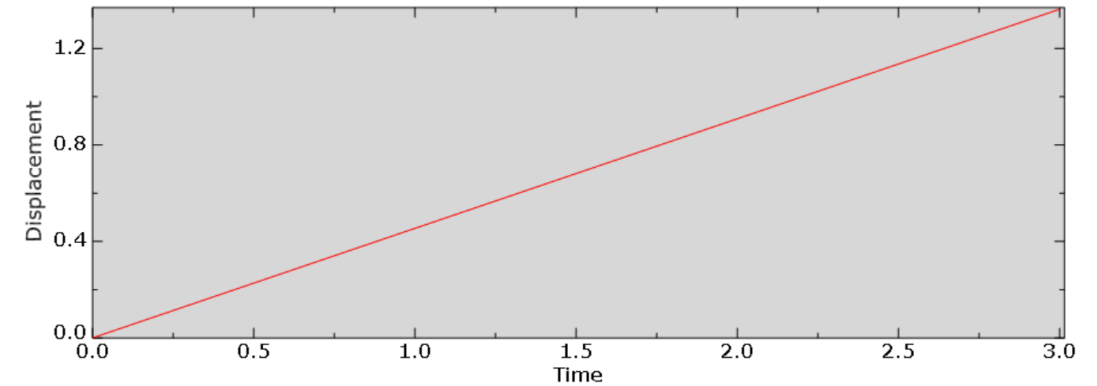
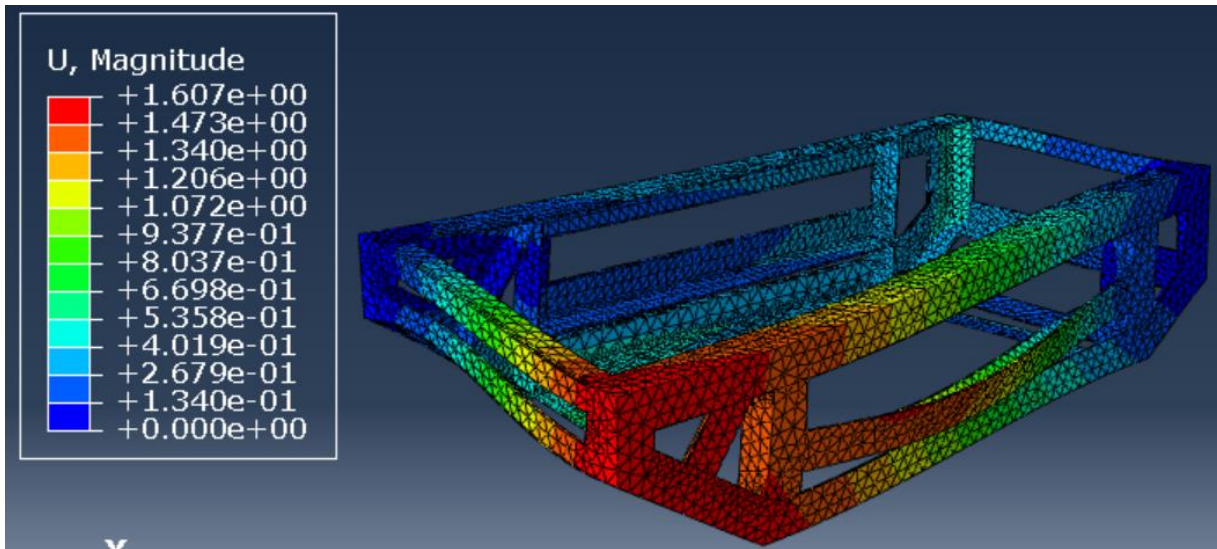
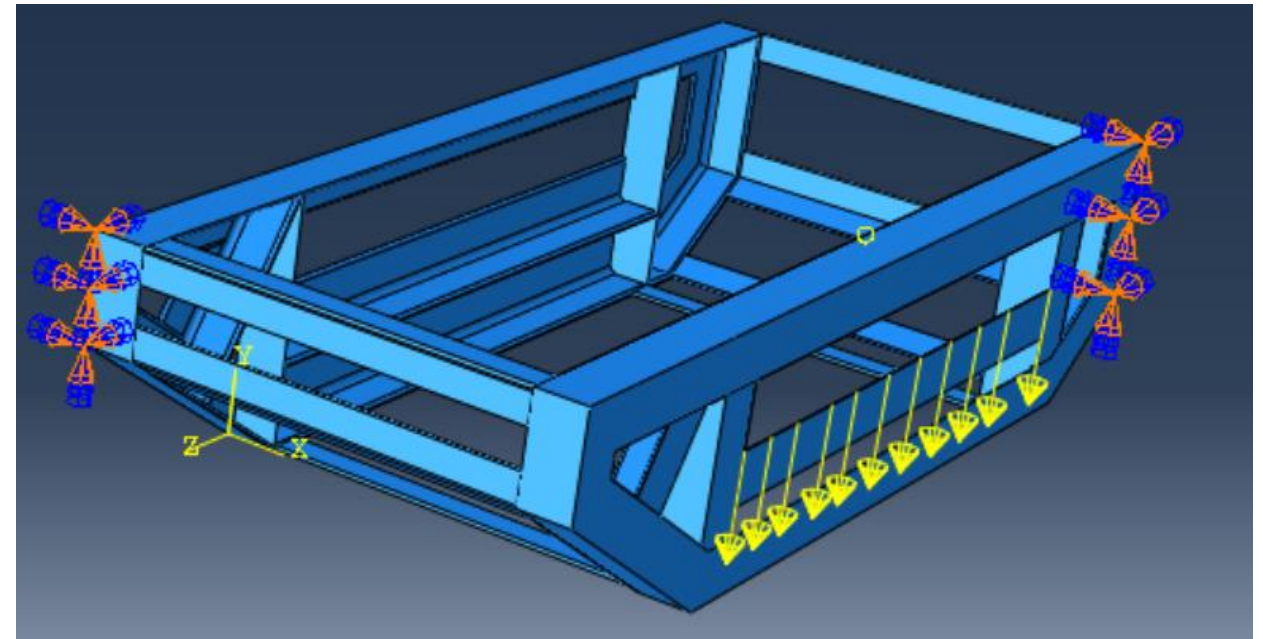
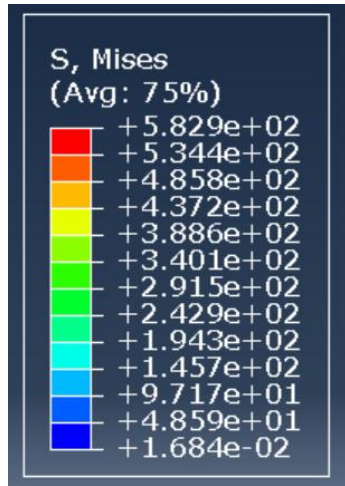


# Static analysis (200N)

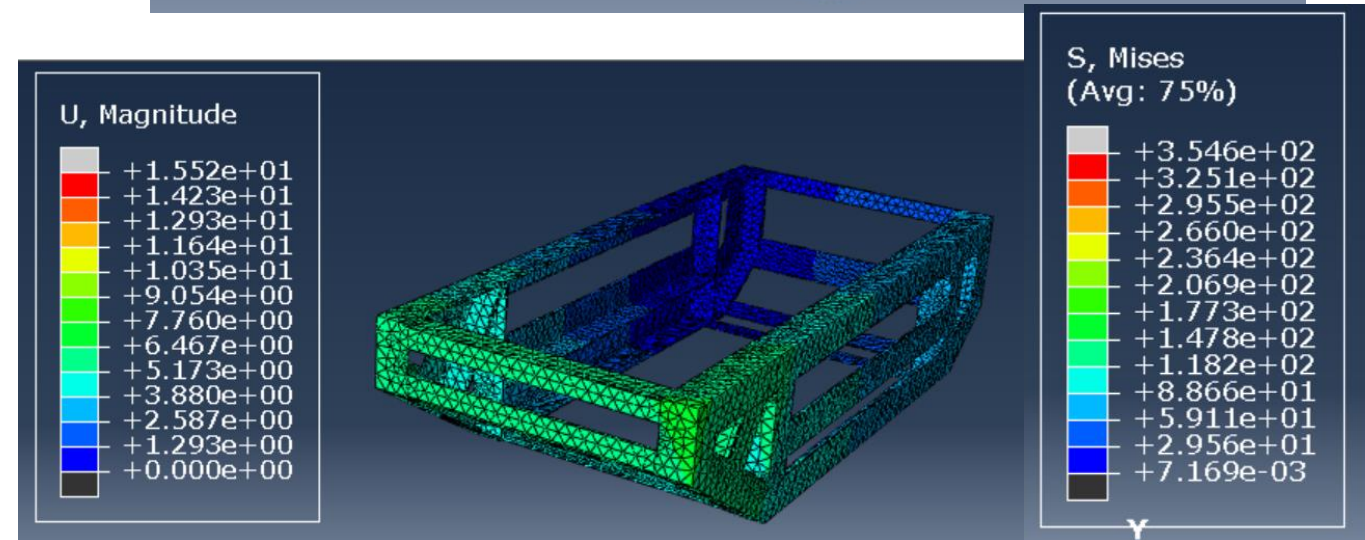
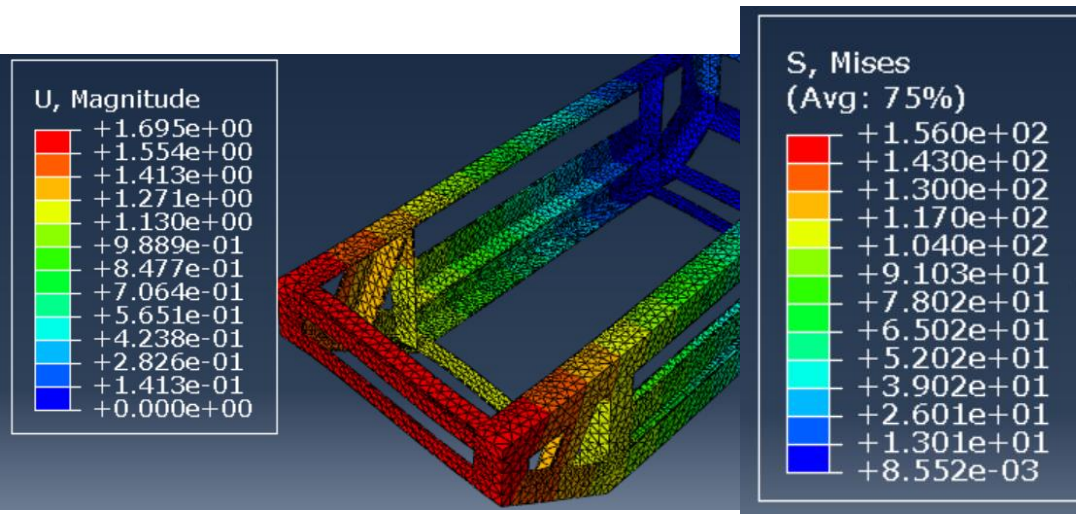
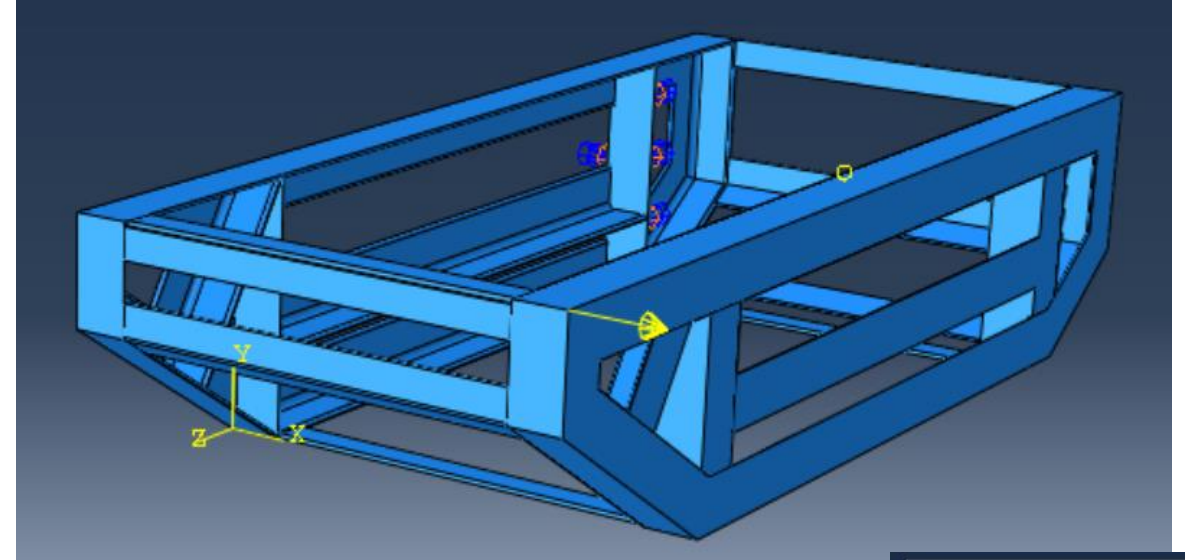
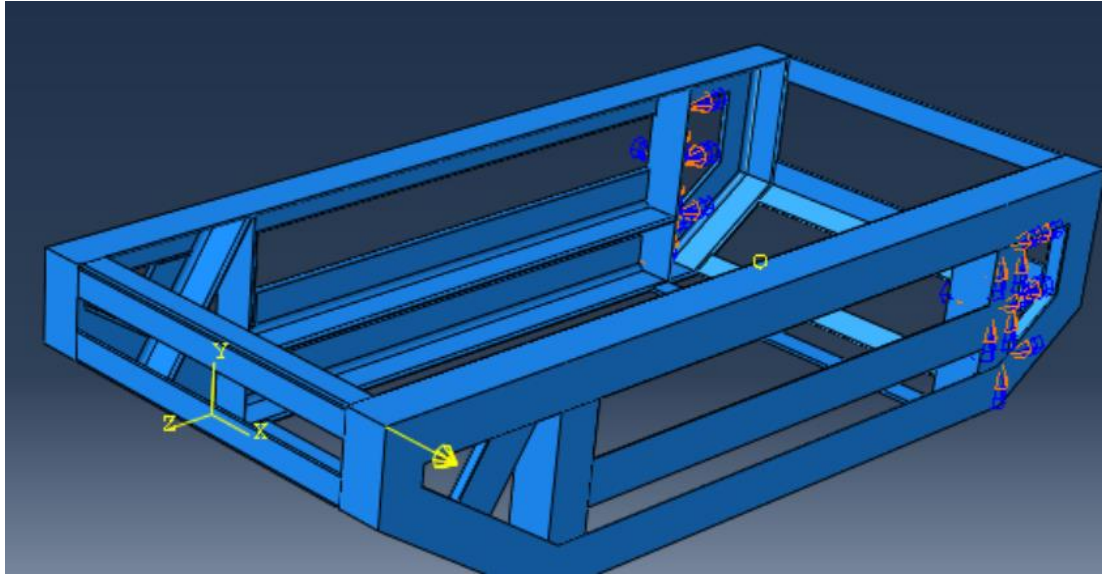




# Static analysis (20N)

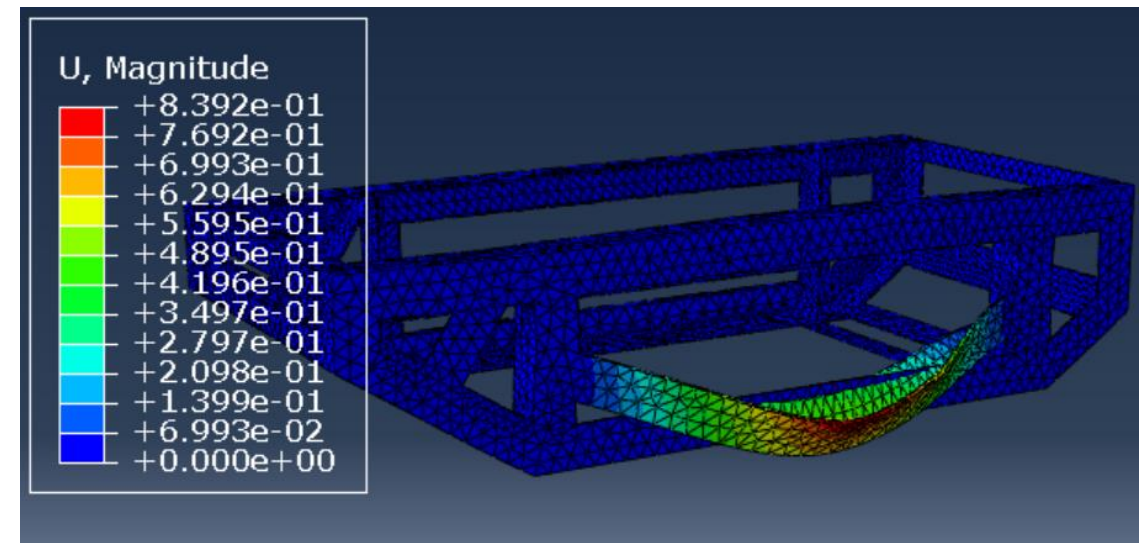
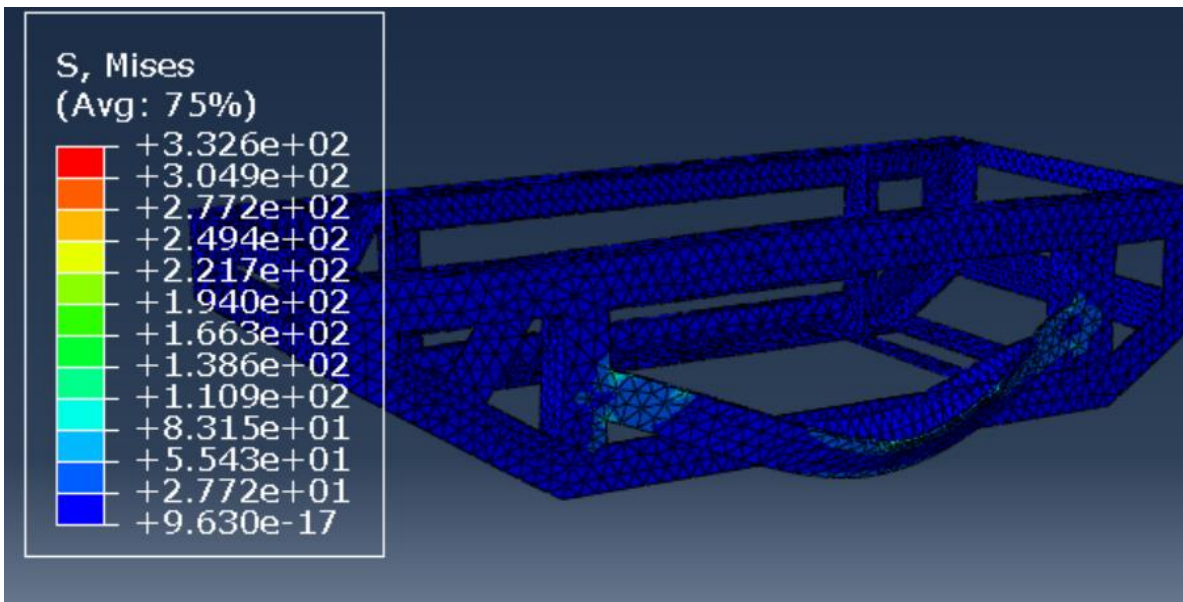
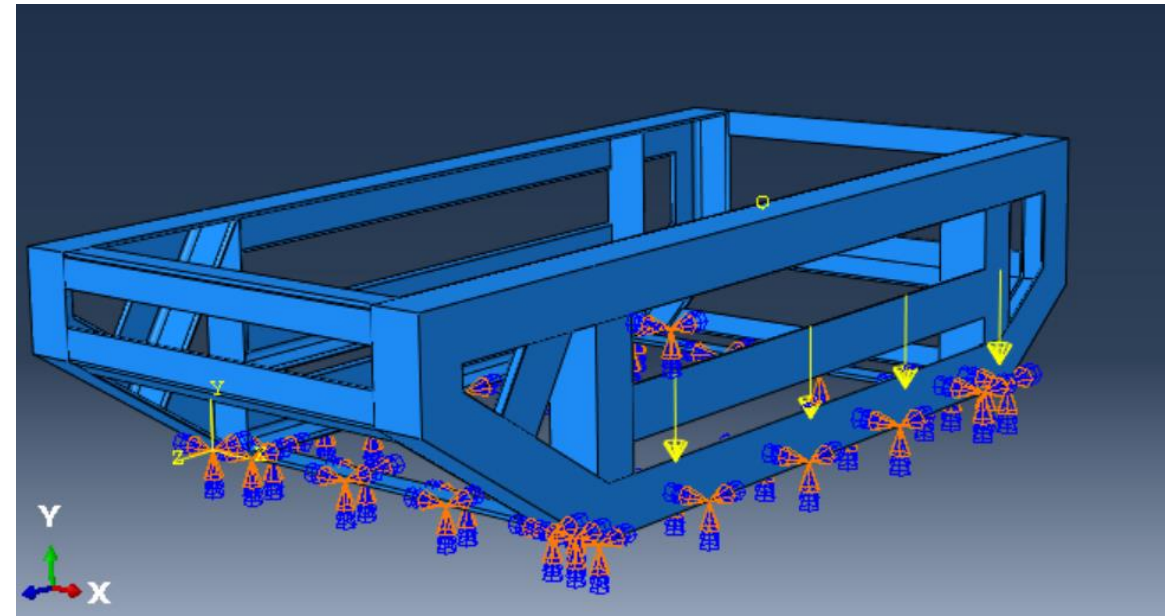


# Static analysis (200N)



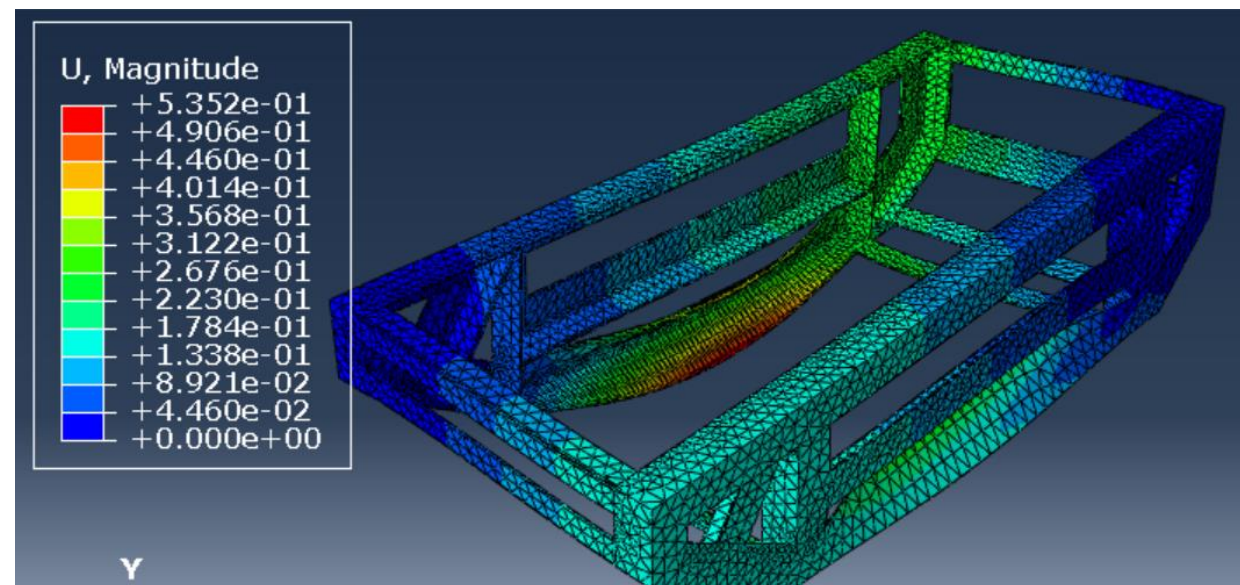
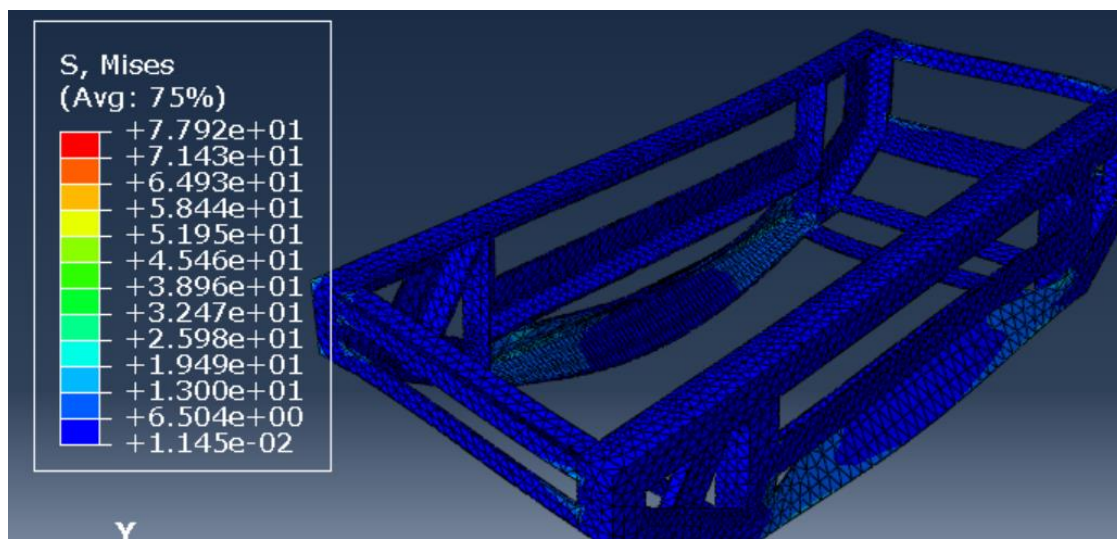
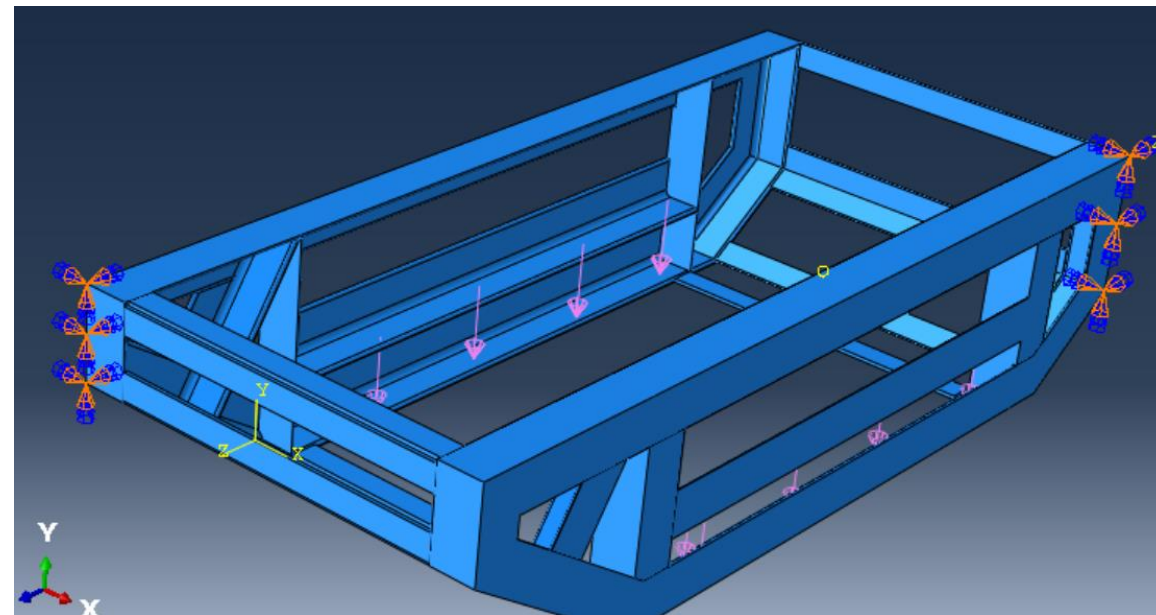


# Static analysis (600N)

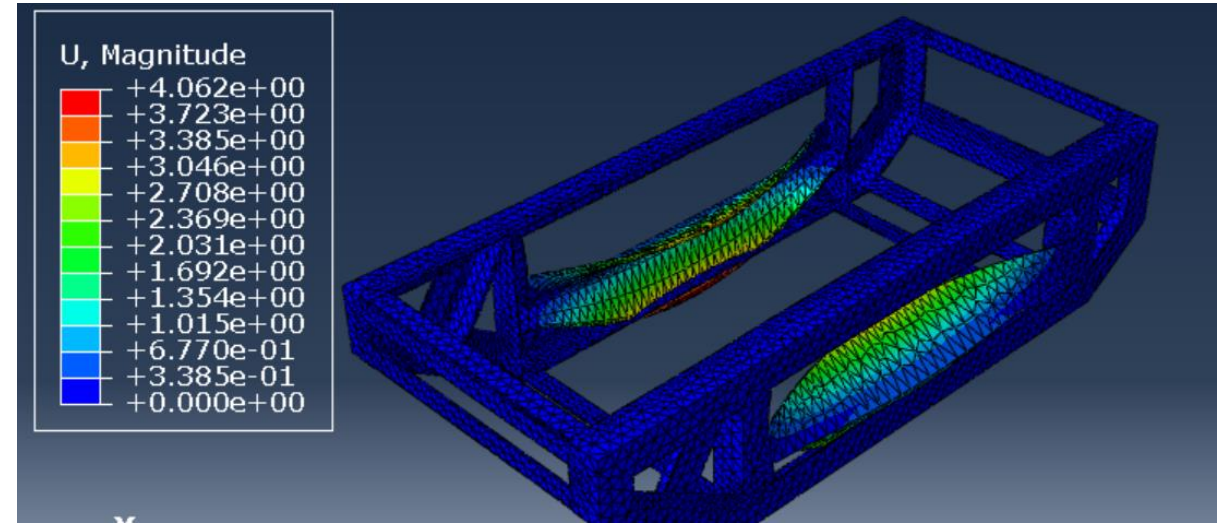
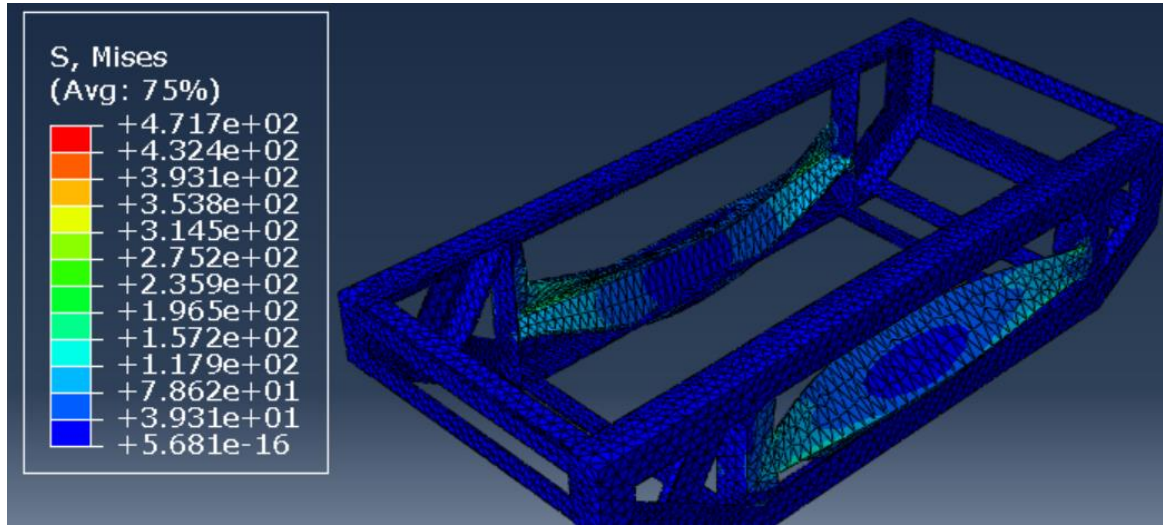
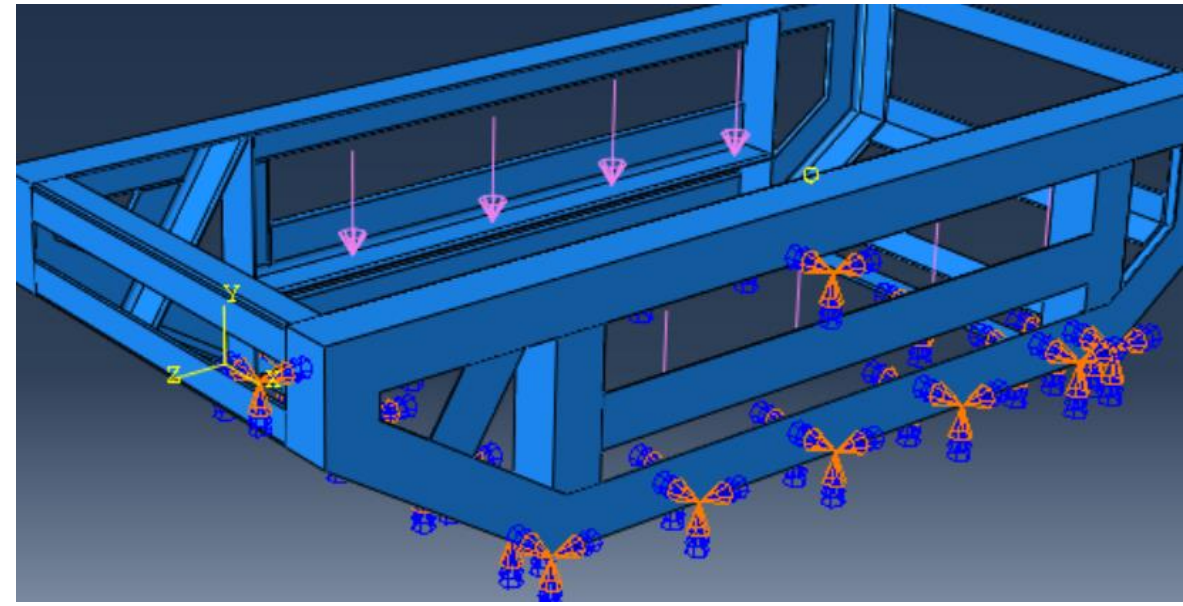




# Pressure (50kg load)

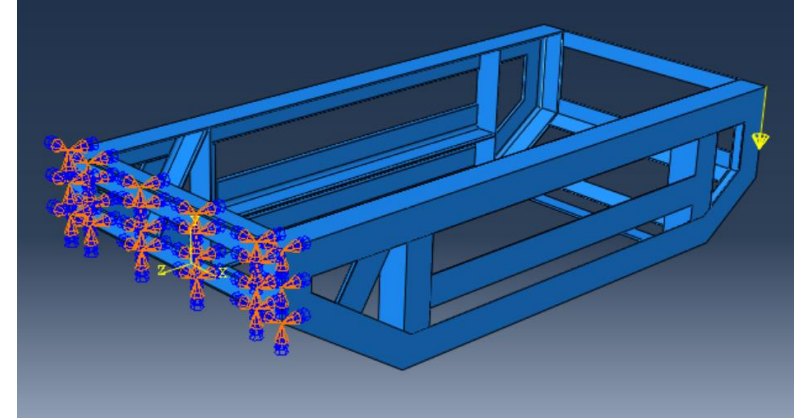
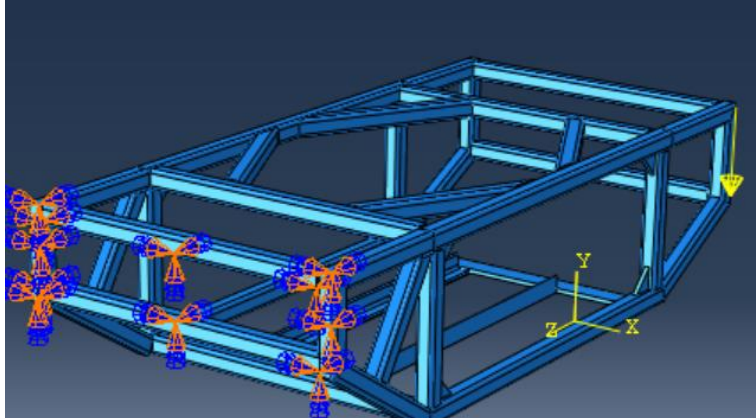


# Pressure (each SB = 600N)

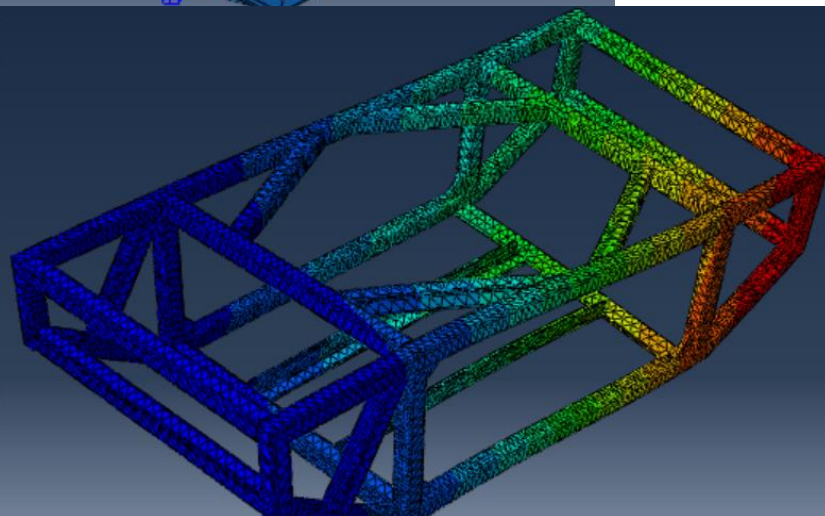
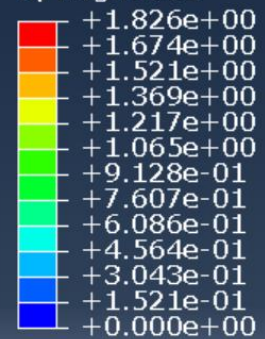




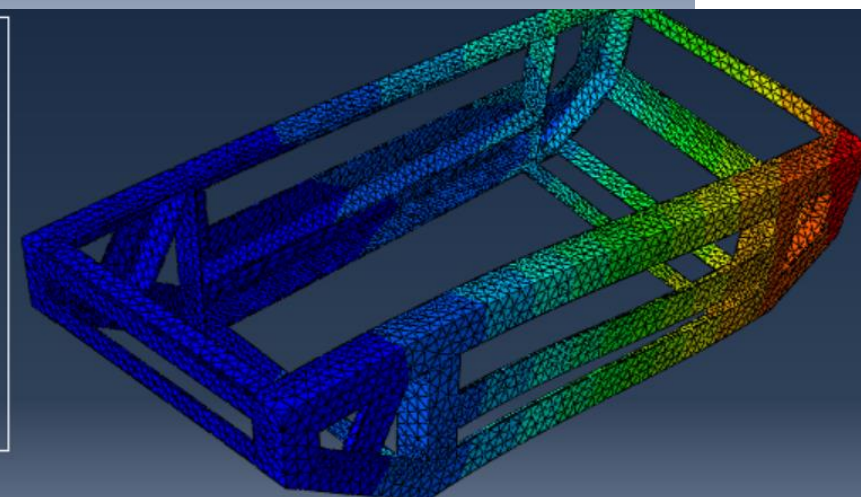
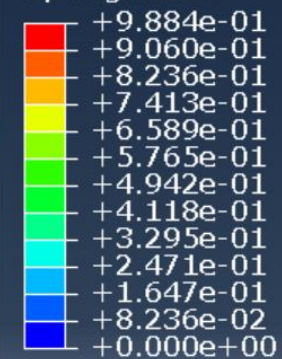




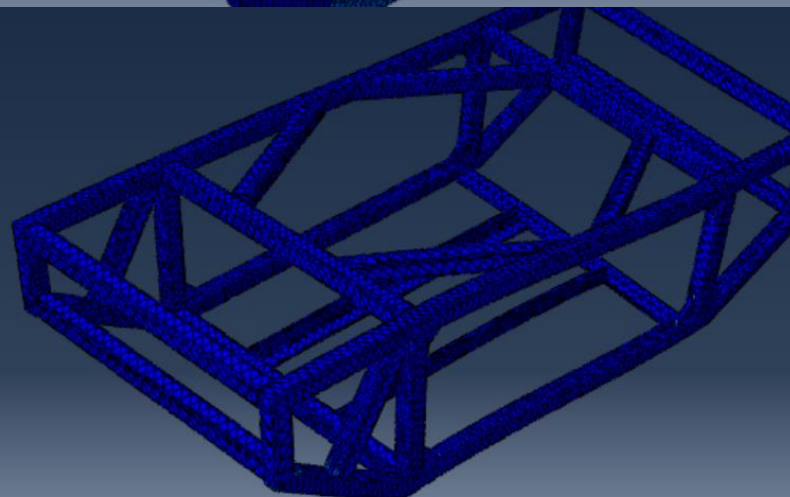
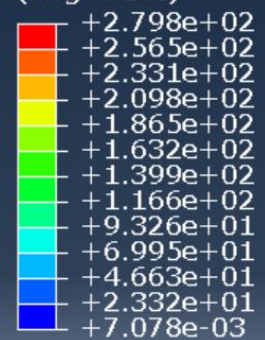
U, Magnitude



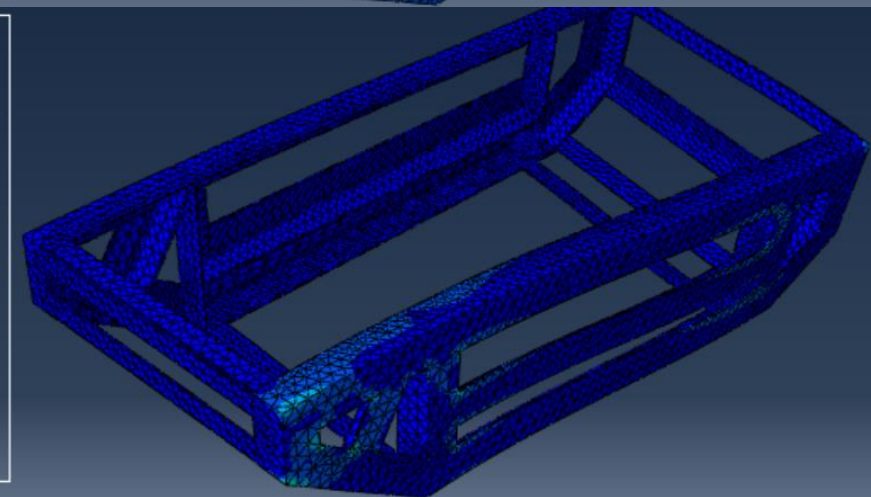
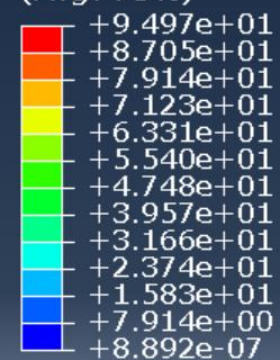
U, Magnitude



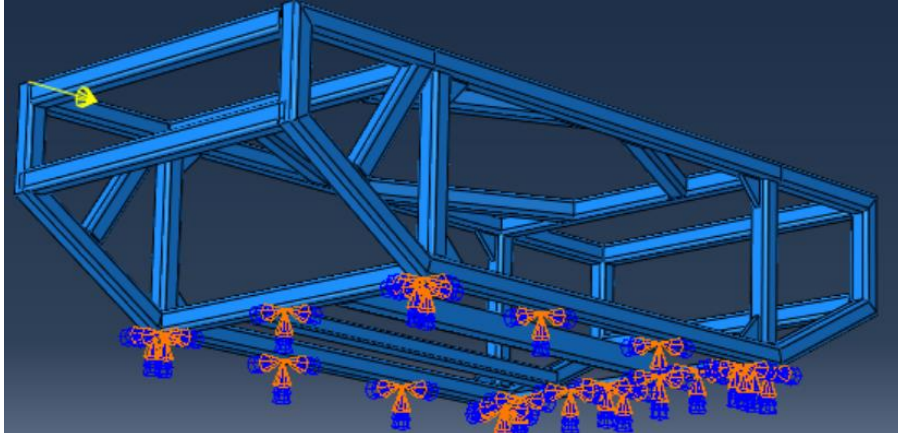
S, Mises  
(Avg: 75%)



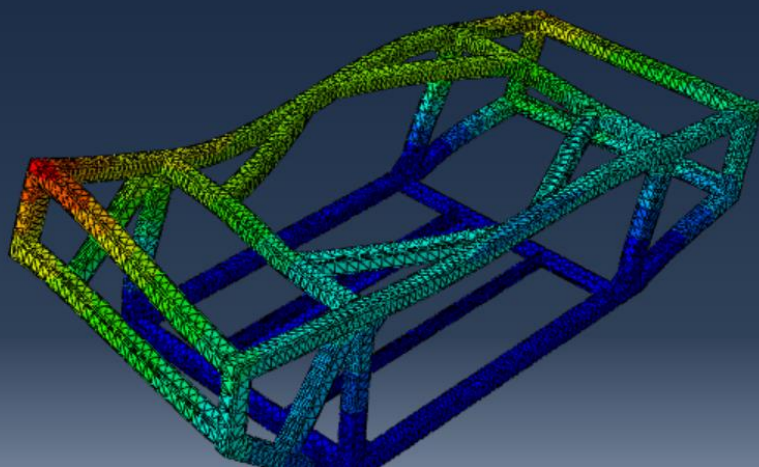
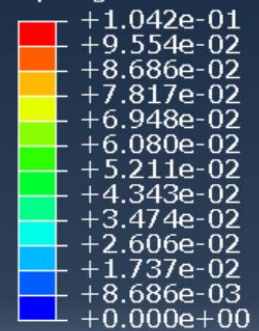
S, Mises  
(Avg: 75%)



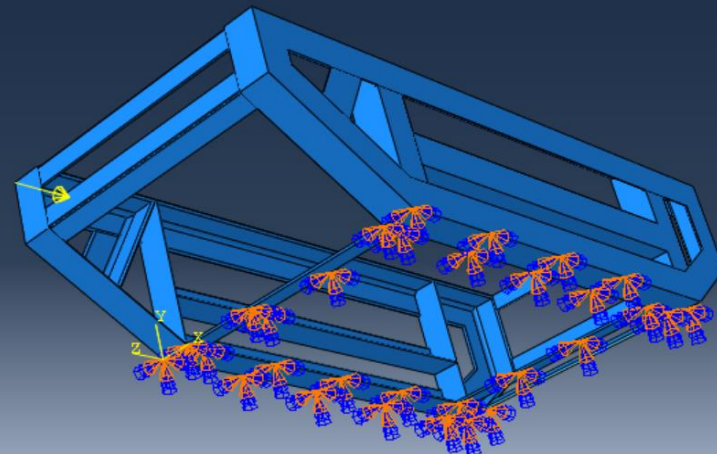
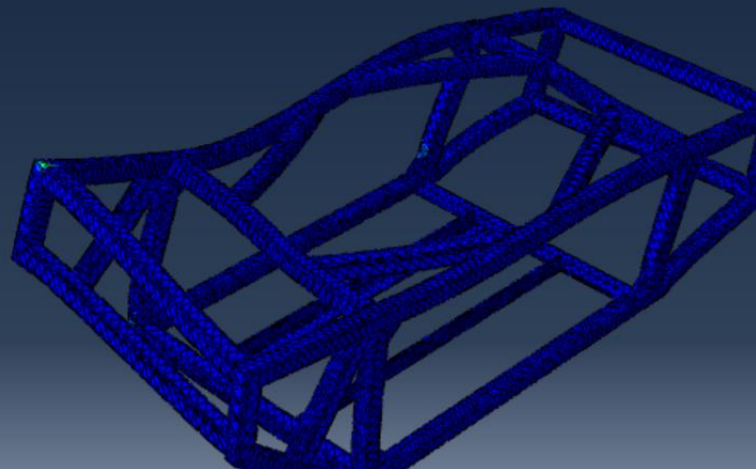
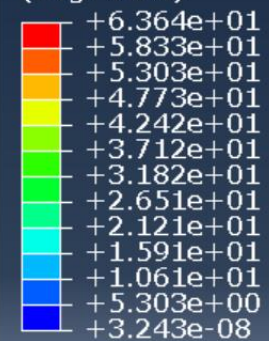




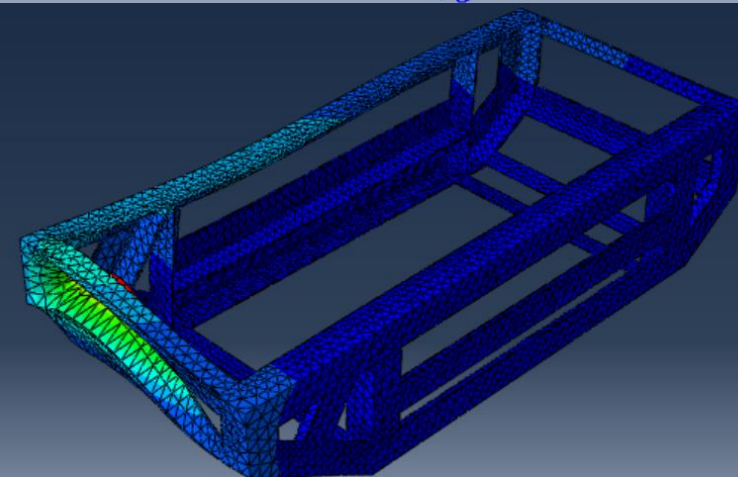
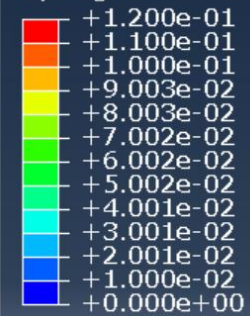
U, Magnitude



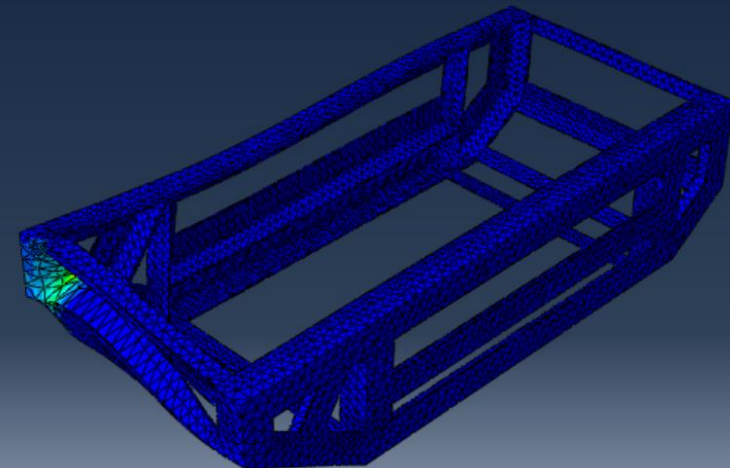
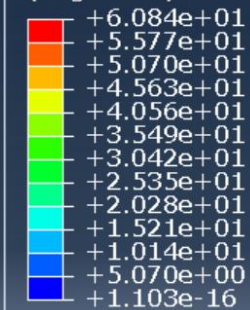
S, Mises  
(Avg: 75%)



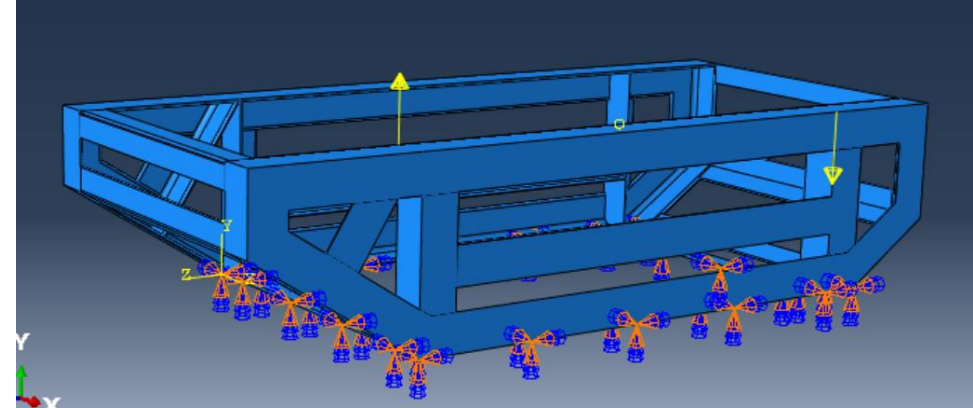
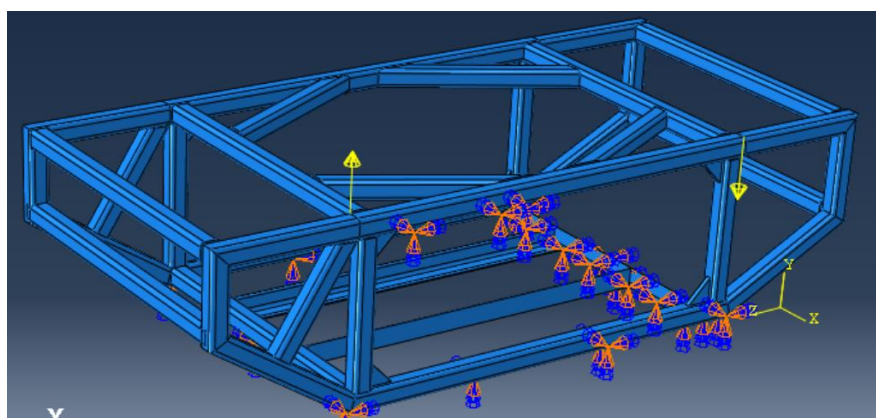
U, Magnitude



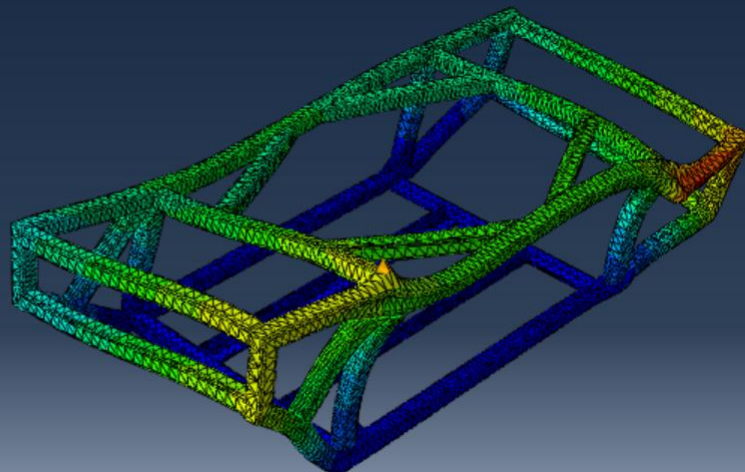
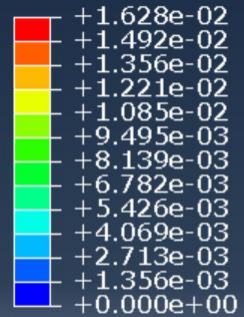
S, Mises  
(Avg: 75%)



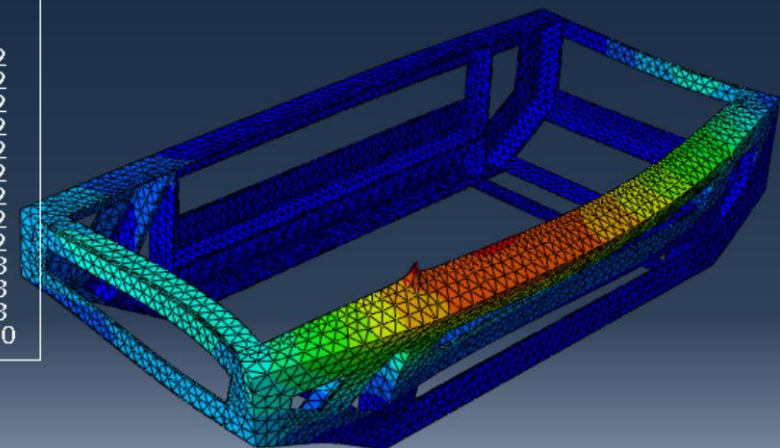
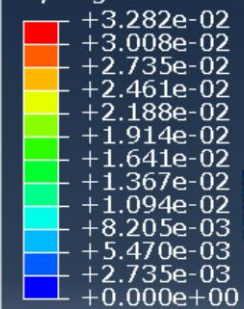




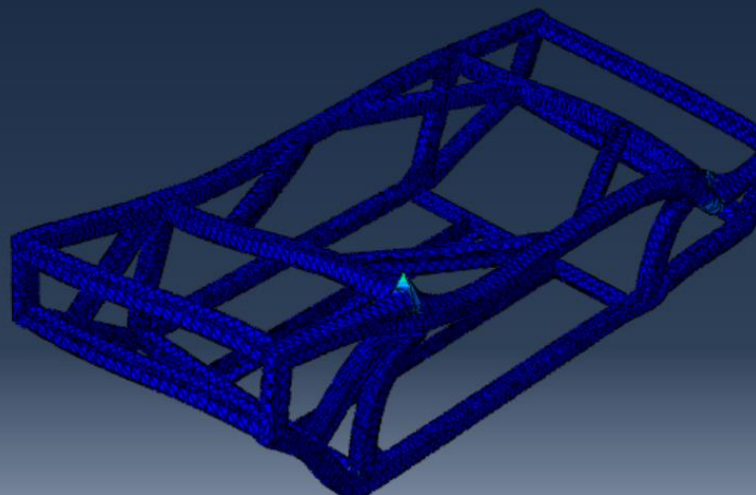
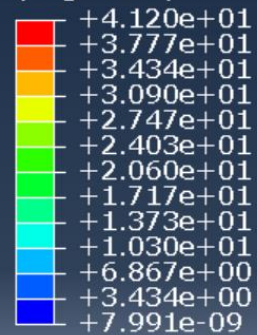
U, Magnitude



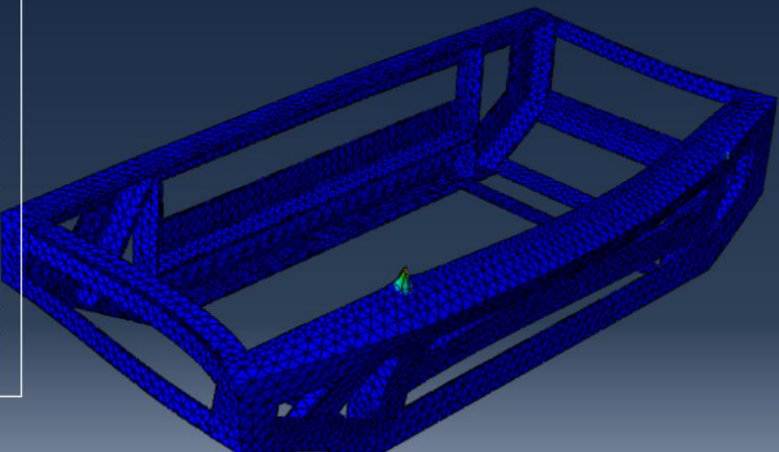
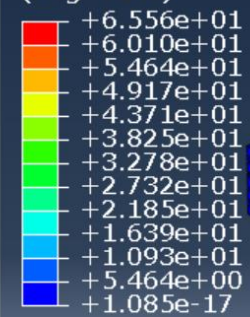
U, Magnitude



S, Mises  
(Avg: 75%)



S, Mises  
(Avg: 75%)





Section 1 (continued)

