DESIGN AND ANALYSIS OF ROCKER ARM

In this project we discussed about Rocker arm of Tata Sumo victa that was designed and analyzed to find the critical regions. CAD models of Rocker Arm was created using SOLID WORKS and ANSYS was used for analysis of rocker arm. The CAD model was inputted in ANSYS Workbench and Equivalent Stress and Maximum Shear Stress was found. The obtained results provided by ANSYS Workbench are compared to the results obtained by manual calculation.