

A 3D model of shaft will be prepared and exported into IGES (inertial graphical exchanging specifications) format to conduct further work in ANSYS. Structural analysis will be carried out on assembly to evaluate structural characteristics. Model analysis will be carried out on same to find natural frequency's (for comparison with other results). Thermal analysis will be carried out on to find thermal characteristic. Comparison tables will be prepared according to the obtained results from Ansys; Conclusion will be made according to the obtained results.



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# Fatigue Failure Analysis of Steam Turbine Shaft Using Fem Technique

