**Design And Analysis Of Fly Wheel**

**Abstract –**

A Flywheel is used in machines which is used to stores energy and energy is more than the requirement releases the requirement of energy is more than supply. A Flywheel is located on one end of the crankshaft and its inertia it reduces the vibration which outs the power stroke in each cylinder fires. The Flywheel is designed in 3D modelling CATIA. The analysis of the will be done by the prototype of Flywheel is done by using Cast Iron and aluminium alloy A360. The comparison can be done with the materials and the best material after the analysis is Flywheel aluminium alloy A360.

 Index Terms – Flywheel, CATIA, Alloy.