

## DESIGN AND ANALYSIS OF CAD BASED HUMAN POWERED FLYWHEEL MOTOR BY USING QUICK RETURN RATIO ONE MECHANISM

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### ABSTRACT

The increasing energy demand, unemployment in developing countries like India, Increase awareness of people towards health are some of the driving forces for the development of humanly powered machines. The machine include manually powered brick making machine, chaff cutter, flour mill etc. the one of the component among all these flywheel motor and its mechanism which being subsequently used to drive respective process. Hence this paper present an literature survey on design and analysis of CAD based model of flywheel motor by using quick return ratio one mechanism.

**KEYWORDS:** Quick Return Ratio-One, Flywheel Motor, Analysis



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