

ABSTRACT

STAIR CASE POWER GENERATION

The project is concerned with generation of electricity from STAIR CASE - like set up. The load acted upon the Foot Step power generator -setup is there by transmitted to rack and pinion arrangements. Here the reciprocating motion of the Foot - Step is converted into rotary motion using the rack and pinion arrangement. The axis of the pinion is coupled with the Stepper Motor. The stepper motor works as a dynamo. When the stepper motor coupled to pinion rotates in clockwise or antilock wise direction, the kinetic energy is converted into electrical energy.



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