

ELECTRICAL POWER GENERATION USING SPEED BREAKER

SYNOPSIS

In this project we are generating electrical power as non-conventional method by simply running on the train in the railway track. Non-conventional energy system is very essential at this time to our nation. **Non-conventional energy using speed breaker** needs no fuel input power to generate the output of the electrical power. This project using simple drive mechanism such as rock and pinion assemble and chain drive mechanism.

For this project the conversion of the force energy in to electrical energy. The control mechanism carries the rack & pinion, D.C generator, led light control. We have discussed the various applications and further extension also. So this project is implemented to all speed breaker, the power generation is very high. The initial cost of this arrangement is high.