

## 32.Design And Development Of Train Track Electricity Generation

### Abstract:

In this project we are generating electrical power as non-conventional method by simply running train on the railway track. Non-conventional energy system is very essential at this time to our nation. Non-conventional energy using locomotive path needs no fuel input power to generate the output of the electrical power. The main aim of the concept is to utilize the train crossing time on a railway track. The power is produced by the railway track power generation equipment. Here the train flat is rubbing the roller held on the axle with the gear set which rotates the generator to generate electricity during the roller rolling. The roller will be rolling for the entire length of the train moving on it, and the energy generated will be stored in the battery and also showing the output by glowing a set of 15 LEDs.