**FOOT STEP POWER GENERATION USING HUMAN WEIGHT**

**ABSTRACT**

Day by day, the population f the country increased and the requirements of the power are also increased. At the same time the wastage of energy also increased in many ways. So reforming the energy back to usable from is the major solution. In this project we are the generating electrical power as non conventional method by simply walking or running on the foot step. We need energy for every day today work of our life. There are many conventional methods of energy generation but these are depleting very fastly hence non conventional energy system is very essential at this time to our nation. So an alternate method of non conventional energy generation is proposed in this project. In this project we are generating electrical power as non conventional method by simply walking or running on the foot step. Here dynamometer is used for converting mechanical energy into electrical energy. We are using msp430 launch pad to monitor the stored energy in the battery and to measure the battery level. In future we can use the energy stored in the battery to control the loads.