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Design & Manufacturing of Power Generation by Using Gear Mechanism

Prof. K. S. Mahajan[1], Mr. Akshay Adling[2], Ms. Radhika Wadhe[3], Mr. Vidhit Kamble[4], Mr. Rushikesh Dhume[5]

Assistant Professor, Mechanical Engineering, NBNSSOE, Pune, India[1]

UG Student, Mechanical Engineering, NBNSSOE, Pune, India[2,3,4,5]

Abstract: *In this project we are generating electrical power as a non-conventional method by simply running on the train in the foot step. Non-conventional energy system is very essential at this time to our nation. Non-conventional energy using footsteps needs no fuel input power to generate the output of the electrical power. This project uses simple drive mechanisms such as rock and pinion assemble and chain drive mechanism. For this project the conversion of the force energy into electrical energy. The control mechanism carries the rack & pinion, D.C generator, battery. We have discussed the various applications and further extension also. So, this project is implemented at all steps, the power generation is very high. The initial cost of this arrangement is high.*

Keywords: CAD, Principal, Power Transition, Calculation, etc.

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