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DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING

PROJECT TITLE: A SMALL PERMANENT HYDROELECTRIC GENERATOR AT HOME

ABSTRACT

This project involves the development of a small permanent hydroelectric generator for home use, which harnesses renewable energy from small rivers and water sources. The generator operates through the use of falling water, which rotates the turbine and the artificial generator. This system will include a mini water-pump, mini transformer, wooden board, switchboard, lamp, and mobile charger for charging mobile phones.

Hydroelectric power is a highly efficient and reliable source of clean, renewable energy, and has made a significant contribution to the global power supply. This mini project aims to reduce costs for small energy consumption and does not cause any potential problems like shocks or damage to the economy. Overall, the development of a small permanent hydroelectric generator has the potential to provide clean and affordable energy for households, while promoting the use of renewable energy sources for sustainable living.

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