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DEPARTMENT OF MECHANICAL ENGINEERING
A PROJECT REPORT ON

"PEDAL OPERATED WATER PUMP"
(APPROVED BY KSCST)

PROJECT GUIDE
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ABSTRACT

It is an everyday experience that peddling of a cycle is easier than actually operating a hand pump with hand. Core innovation of this project lies in operation of a water pump by peddling a cycle. This pedal operated pump could be used to lift the water from an underground tank to overhead tank at a height of around 8 to 10 meters. This could be used as an exercise machine and simultaneously used for pumping of water. The other objective of this project is to establish the Pedal Pump Technology, wherever small scale farmers can profit using this very innovative pump for domestic purpose, vegetable gardening or fruit tree nursery.