

# Fabrication of Treadmill Bicycle by using Chain Drive

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**Abstract:** *This project deals with the design and fabrication of the treadmill cycle. The treadmills are not used to harness power, but as exercise machines for running or walking in one place, we are utilizing same principle for travelling a shorter distances. The motion of the machine is achieved by transferring the human's energy to the machine through the concept of treadmill. This machine can be helpful for travelling to short distances as well as used for exercise to the peoples. Using this machine, allotting a separate time for their exercise is not needed. The same action performed on the treadmill is used in this machine for the movement of the machine. As we (the operator), walks forward, the machine moves forward.*

**Keywords:** Bearings, Rollers, Sprockets, Chains, Shafts, Treadmill Belt, Tyres, Brakes

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