

A Review Paper on Hand Bike Attachment for Wheelchair

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Abstract: *This paper involves simple design of wheelchair attached electric hand bike that can be attached to manual wheelchair for better mobility on road. The hand bike consists of electric bike motor, rechargeable battery, a controller electric throttle, and mechanical brakes. As the team made this bike or mechanism from waste. The concept is best from waste, and is affordable for middle class peoples. The hand bikes are designed to be safe, light weight and aesthetic look. This electric hand-bike can be easily separable for wheelchair. This explains how an electric hand bike is made within restricted budget for handicapped people.*

Keywords: Electric hand bike, Mobility for handicapped person, Attachment mechanism, Battery, Controller with motor, handicapped tricycle