

# Design and Implementation of Solar Based Electric Wheelchair

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**Abstract:** *This paper concentration on the reducing expenditure for the mechanically setup & designation of a solar based electric wheelchair with solid structure design and control system for the handicapped persons. In a country like India, most of the people distressed of temporary or permanent disabilities due to illnesses or accidents there are some person can't afford to be expensive electric wheelchair. That's why a developed of electric wheel chair is proposed in this paper which contains more features and a developed control system along with the reduced of manufacturing price & design about two to three times of recent market cost.*

**Keywords:** Wheelchair Motor, Solar Powered, Disability, DPDT Switches

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