Abstract

Providing of transportation medium for disabled person was needed to do their activity every day more easy without obstacle. Development more founded any device to abridge for disabled person, begin at cane for walk, wheel chair, until vehicles who design special for paraplegics.

From that moment, we want to planning three wheel vehicles motorized design with two front wheel and one back wheel (three wheels). The problem is how to designed independent front wheel, and transmission design was used in this vehicles.

From calculation of experience is gotten minimal power was needed for stationer engine to moving back wheel required 1.9 Hp. with maximum load as big as 52 kg, and maximum speed of planning is 40 km/jam.

Keywords : Disabled person, Three Wheels, Stationer Engine