

## TABLE ABSTRACT CONTENTS

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We known and have seen the wheel chair which is to be normally the handicapped people or the patient use, it needs to push by someone or the force is applied by the person directly on the wheels due to which they fill tired and if the patient want to go to the table then there should have a need of other chair to shift him. Thus to remove these problems of a handicapped person tricycle is design. For the transportation number of hand driven tricycles, wheelchairs, solar operated tricycles, etc. can be seen in the market for handicapped people. The basic Tricycle is design by three-wheel, pedal by handicapped persons in the side and for sitting arrangement the seat is used in the middle. This type of tricycle is operated by using one hand to steer the handle and other hand is used to rotate the pedal. Our aim is to design and fabricate a low cost effective three wheel base tricycle for the handicap people to be propelled by the link mechanism attachment to the steering column and which is also used for the accelerating function converting into cranking, using the advantage of leverage, with proper balance and distribution of mass and centre of gravity to crank the wheel shaft for propelling. As the person can use both the hands on the steering, the controlling and performance is better than pedal operated tricycle.

LITERATURE REVIEW

PROJECT DESIGN