KARPAGAM COLLEGE OF ENGINEERING

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KARPAGAM COLLEGE OF ENGINEERING

Alpha Climber

Name of the Faculty : Subhashree K

Designation : Assistant Professor

Department/Centre/Lab: Computer Science and Engineering

Date of joining the Institute: 22-05-2015

Fund Proposed (Rs.) : Rs. 95,000

Duration of the project: 6 Months

Team Members:

Gowthaman.S (717821P119)

Arvind .R (717821P108)

Balashekaran.R (717821P111)

Alagu Aravind. A (717821P105)

Objectives of the proposal

We have designed a **Alpha Climber** which climbs the palm tree and help the farmer to do the harvest in easy and in safe way .This is basically designed to overcome the below mentioned Problems.

1. It prevents from deteriorating farmers health.
2. It improves efficiency.

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Statement of the Problem & National/ International status

Our **Alpha Climber's** production cost and the maintenance cost is low as compared to other equipments present in the Market, which is not affordable by the small scale farmers.

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Comparison between the existing one and our Model

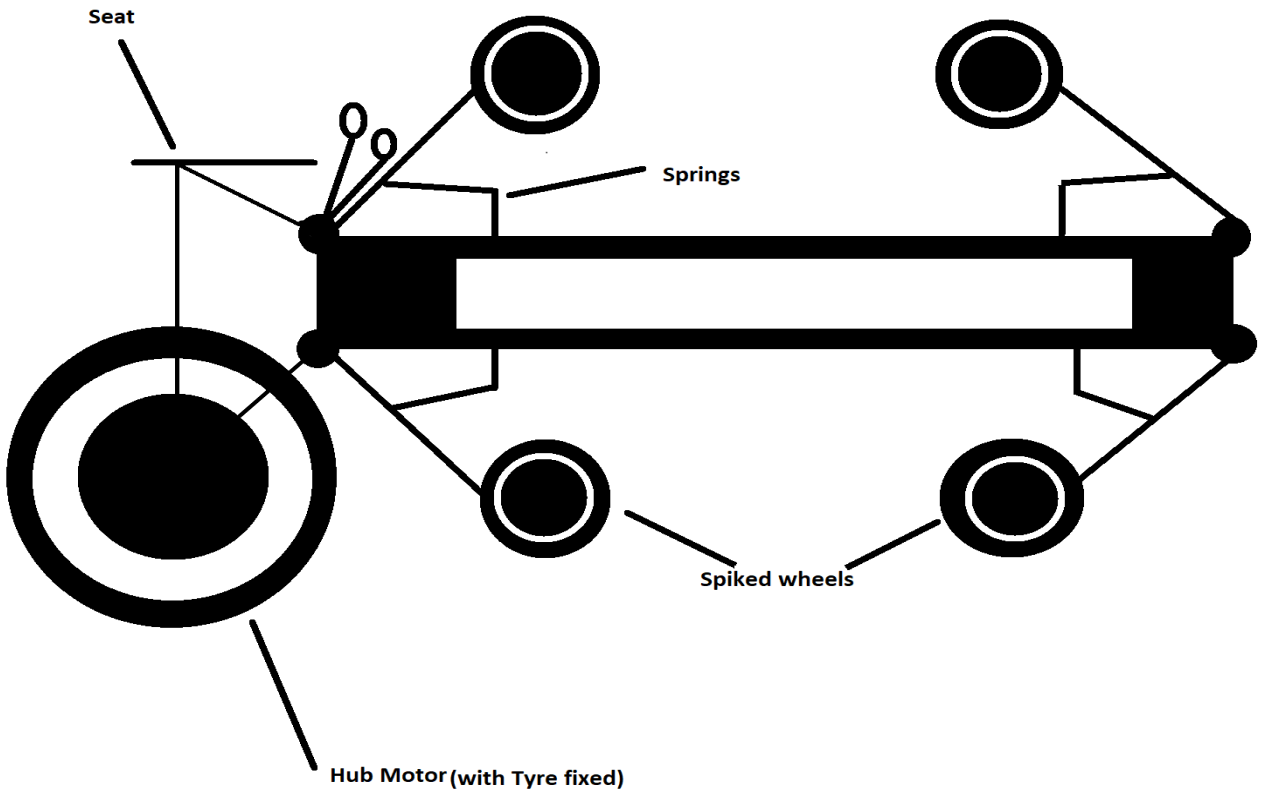
This is the Most efficient machine that is present in the market. The maintance cost is high, and it is not easy to access as well to use. Operational costs is too high for the small scale farmers.

Alpha Climber

Our model's main motive is to harvest the palms fruits more safely and efficiently.
It can penetrate into where the consecutive distance between two palm trees is very less.
The recurring cost is very less as it can be used by both Manual as well as Electrical Modes.

Methodology/Technical/Management Aspects

Alpha Climber



Deliverables

The motive behind to design this Alpha Climber is to retain the health and life of the farmer who climbs the tree to harvest. We have tried to reduce the workload as it uses very less man-power to operate, which ultimately reduces the no of cycles the farmer had to climb the tree.