



## Consolation award

### A Device for Climbing Areca-nut Tree

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Scout: Direct

Gobin Sinha (19) is an undergraduate student of arts. His father earns living by driving trucks and other vehicles. They also own a small farm where they grow paddy. He noticed that people generally use jute ropes to climb the areca nut tree, which is unsafe because ropes have a chance of slippage or cutting due to heavy load. This problem led Gobin to think of a better solution.

This is a manually operated tool to climb the areca nut tree comfortably. The device comprises two semi-circular MS bars with extended straight edges for screwing together. The bars have grippers on their inner

side. Two flapped footrests are welded to both MS bars on the outside. Both the semi-circular MS bars are put on either side of the areca nut tree and screwed together. Spring positioning is provided to adjust to the variable diameters of the areca nut trees. Once the device is fitted around the tree, the user can insert the feet in the two footrests and stand up. Taking grip by hands, lifting the tool upward, and locking it by pressing down, one can climb the tree, repeating the steps. While many tree climbing apparatuses are available, this well is a simple, effective instrument at a very low cost.

