

ABSTRACT

Coconut trees are planted ⁱⁿ large part of Tamil nadu. The plant yields coconut and tender coconut throughout the year. Apart from most part of coconut trees are used to prepare value added products and also this will improve the life skill of village people. The coconut leaf is the main waste for coconut plantations. This stick like midrib part of coconut lead is used for making broom stick. Generally the broom stick is prepared by manual process. In this design and fabrication project work is to automate the process by fabricating a machine to reduce human effort and produce large quality of broom stick with less time.