

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 5, Issue 2, March 2025

## **Sugarcane Bud Cutter Machine**

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**Abstract:** The sugarcane industry is a significant part of agriculture, requiring modernized techniques to improve efficiency. Traditional manual methods of cutting sugarcane buds for planting are labour-intensive and time- consuming. This report outlines the development of a sugarcane bud cutter machine, designed to streamline the process, minimize labour costs, and enhance precision. The machine efficiently extracts buds from sugarcane stalks while minimizing waste. Now a days 80% of sugar is produced with sugarcane worldwide.

Keywords: Sugarcane bud cutter machine, Sugarcane bud

