

## **DESIGN AND FABRICATION OF AUTOMATIC COCONUT HARVESTING MACHINE**

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The Automatic Coconut Harvesting Robot is a cutting-edge agricultural innovation designed to streamline and optimize the labor-intensive process of harvesting coconuts. Incorporating advanced robotics and sensing technologies, the system aims to enhance efficiency and reduce manual effort in coconut harvesting. Equipped with precision mechanisms, the robot identifies ripe coconuts, navigates through the orchard, and employs specialized tools for gentle yet effective harvesting. This abstract highlights the integration of technology to revolutionize coconut harvesting, ensuring increased productivity and sustainable agricultural practices.