**OPTIMIZING CASHEW PROCESSING EFFICIENCY THROUGH AUTOMATED WEIGHT BASED SENSOR**

**ABSTRACT:**

In a manually operated cashew cutting machine with weight sensors, the sensors are typically placed on the platform or container where the cutted cashews are placed. When the cutted cashews are added to the container, the weight sensors detect the weight and convert it into an electrical signal. This signal is then sent to a lcd display or control system, which will display the weight of the cashews.

**PRODUCT COMPONENTS :**

* Weight Sensors (Load cells or Strain gauges)
* Cashew cutting machine
* LCD Display
* Microcontroller

**BLOCK DIAGRAM:**

MICROCONTROLLER

WEIGHT SENSOR

**CASHEW CUTTING MACHINE**

LCD DISPLAY