



### Student Award – Third

### Bamboo Basket Weaving Machine

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Scout: Direct

Bamboo is a durable and sustainable material. India is endowed with a large number of bamboo species. It is put to several uses by local communities, such as making houses, shades, containers, baskets, fish traps, and incense sticks. In traditional societies, bamboo baskets are used for multiple purposes, like storing grains and carrying purposes in the fields. In cities, these can be decorative or serve as a place to keep fruits, magazines, crafts or other items at home. A well-woven bamboo basket can last for over a decade.

Bamboo basket weaving is a time and labour-intensive task where weavers can hardly prepare 3 to 4 baskets daily and thus earn much less. Sumit ideated a bamboo basket weaving machine to mechanize this work, relieving basket weavers of the hard work. The idea behind this machine is to boost production so that earnings can be maximized and drudgery reduced.

