

# RECYCLING BAMBOO PRODUCTS: A SMART STEP TOWARDS A SUSTAINABLE FUTURE

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## Abstract

*Everyone wants to use organic foods and products in the digital world. Conventional cultures return to the contemporary world. All bamboo items are superior than metal or plastic alternatives. The primary goals are to raise customer knowledge about the use of natural, organic products. All of the bamboo products are currently offered via e-stores, or internet retailers.*

**Keywords:** *Bamboo Charcoal, Bamboo Flask, Bamboo Tea-Poi, Bamboo Furniture, Online Stores, E-Stores, sustainable products*

## Introduction

It is a bamboo product that is sustainable. Carbon and nitrogen, which are useful in the products' natural resources, are found in bamboo. The largest food tree for completely natural medicine found in natural resources is bamboo.

## Objectives

- To explain that the bamboo product strengthens concrete reinforcers.
- To create contemporary building construction methods that utilize bamboo trees.

## Scope of the Study

Bamboo products are beneficial for both non-industrial and industrial settings. Various products are relevant. Because of their versatility, bamboo goods are growing in popularity. strength and sustainability. This amazing plant provides environmentally safe substitutes for plastic and is used in a variety of sectors, including textiles and construction products. The demand for bamboo goods is rising as people become more conscious of sustainability and environmental issues, which is opening up new avenues for innovation in a variety of industries.

## Purpose of the Study

Good vibrations are found where bamboo is present. It is a very important medication for all types of people. Bamboo water keeps all living creatures from getting enough nourishment. Bamboo roots reduced soil erosion and improved white blood cell memory. Wetlands are always used to grow it.

## Limitation of the Study

- Insufficient awareness
- Reduced promotion of bamboo product

## Literature Review

This review of the literature is based on books, essays, periodicals, etc. I gathered reviews from articles published in the past ten years. It has to do with reviews on bamboo products. The lack of awareness, absence of harmfulness, etc., defines the additional research gap. According to earlier studies, all bamboo goods are healthy and free of flaws.

- **Thakur, N. (2021)<sup>1st</sup> “Inclusive Growth by ‘Design’ Bamboo Product Success through I-CAN Design Process”** nowadays, the majority of individuals want to utilize or consume nutritious, healthful foods.
- **Vengala, J. and Rao, R.S. (2020)<sup>2nd</sup> “Sustainable Bamboo Housing for the Earthquake Prone Areas”** one of humanity's natural resources is bamboo. In the past, no one went to the hospital before the age of fifty, but with the abundance of junk food nowadays, people die more quickly.
- **Indartono, S. (2020)<sup>3rd</sup> “Increasing Productivity and Marketing of Bamboo Craftsmen”** although there are many bamboo items available in internet retailers, nobody is aware of how to use them.

## Theoretical Background

### Bamboo Prevention

Every aspect of bamboo is detrimental to health and preventative. Every component indicates a healthy and happy vibe. Water, leaves, and steam from bamboo. It benefits all of humanity.

### Bamboo Build with Tree House

The bamboo tree house is used in the majority of well-known tourist destinations. For tourists, it mainly appeals to creative ideas. This bamboo home can be found at Shimla, Ooty, Chirapunji and Kodaikonal. This tree house is lovely comfortable and a good place to meditate.

### Bamboo Furnishing Products

Tables, chairs, sofa dressing tables and they are long-lasting sustainable products. It is a domestic supplier of goods.

### Bamboo Charcoal

When used for cooking bamboo charcoal uses less fuel and produces less air pollution. to produce cosmetics, soap and deodorant for the house. Bamboo charcoal purifies water to reduce viruses and other contaminants. Chlorine is the term for the charcoal that is added to the water in the summary pools. Charcoal is used for light bulb filaments at an accurate time.

### Bamboo Rice

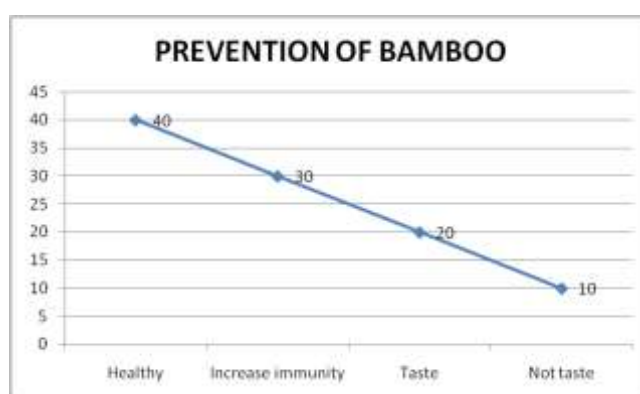
Unlike regular rice, bamboo rice is unique. It has a green hue and resembles peas. To boost potassium, calcium, vitamins, and protein, we boiled the rice. It lowers sugar and

chloresral. avoid the most harmful illness that can affect our bodies. Women in particular need to take rice for blatantly irregular periods. The menstrual cycle will be transparent and promote the growth of eggs.

### Data Analysis

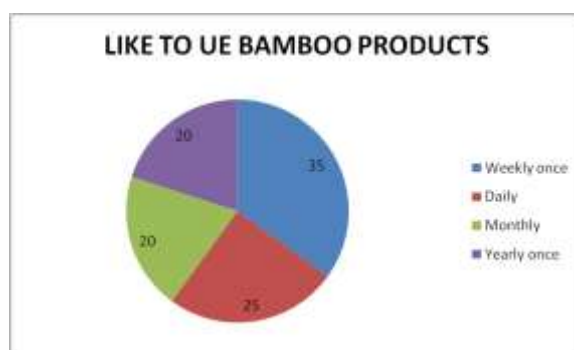
S.No	Prevention of Bamboo	Number of the Respondent
1	Healthy	40
2	Increase immunity	30
3	Taste	20
4	Not taste	10
<b>Total</b>		<b>100</b>

Source: Primary survey



S.No	Like to use Bamboo Products	Number of the Respondent
1	Weekly once	35
2	Daily	25
3	Monthly	20
4	Yearly once	20
<b>Total</b>		<b>100</b>

Source: Primary Survey



S.No	Purchase of the Bamboo Products	Number of the Respondent
1	Quality	45
2	Cost of price	30
3	Good for health	10
4	Cure most dangerous disease	15
<b>Total</b>		<b>100</b>

Source: Primary Survey



### Findings

- 45% of the respondents preference to purchase first quality of the bamboo products.
- 40% of the respondents are consciousness their health.
- 35% of the repondents are likely to use the bamboo products.

### Suggestion

Some people are health conscious. Somebody will not care their health. So, people want to prrvnt the body.

### Results

Everything is coming under the natural resources.

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