

## 7.2 - Best Practices

### BEST PRACTICE -1


#### CHIKKI MAKING by STUDENTS


The goal of this initiative is to foster confidence, creativity, critical thinking, teamwork, and skill development in students. As a first step, a one-day visit was organized for the students, during which they demonstrated cooperation and patience, taking the time to understand the entire process involved in small-scale food industries.

One of the products they explored was Chikki, a widely popular sweet enjoyed across the country by people of all age groups, whether in rural or urban areas. Chikki is easy to prepare and can be made quickly in a home kitchen, making it a versatile and accessible product for all.

**DBNP College Valvan , Lonavala**  
**Name of the Best Practice - 1.**  
**CHIKKI MAKING by STUDENTS**

**Introduction:** Chikki is popular sweet product being consumed all over the country amongst all age groups irrespective of rural or urban areas. Chikki is a very tasty sweet product prepared by mixing various types of dry fruits, nuts and other ingredients with jaggery or with sugar. The product mixture is prepared, cooled and then shaped into pieces and packed. Many ingredients can be used like pieces of dried coconut, groundnut or cashew nut kernels, sesame seeds, dry-fruits etc. This product can be manufactured anywhere in home kitchen in very short span of time.





**Product's application:** Chikki made from ingredients like edible nuts, pulses or legumes; incorporated with jaggery, sugar as binding agent. Chikki being rich source of proteins, minerals and vitamins is having lot of health

benefits. It is a good source of calories, as well help in overall growth and development of human body.

**Self Employment Potential:** Peanut chikki, is a ready to eat traditional sweet snack, and is popular and consumed by all the sections of the population throughout the country. Chikki is one of demanding product and is increasing day by day due to ready to eat and easy availability with good packing if proper hygienic conditions during its preparation are taken care.

**Raw Material used :**

Basic raw material needed:

1. Jaggery
2. Roasted blanched peanuts
3. Packing material

**Making Process:** All ingredients are first weighed. The syrup solution is prepared by melting jaggery and water and then dissolving required quantity of sugar in it. Thus prepared syrup is then mixed with split roasted blanched peanuts and other ingredients. The prepared mass mixture is then rolled and sheeted to required thickness and width to cut into the pieces of required dimensions chikki. Thus prepared pieces are then cooled and packed further distribution or storage.

**STUDENT ACTION and LEARNING OUTCOME:**

The children have enthusiastically visited MaganLal the famous chikki factory to understand the complete process of peanut and jaggery and cooperated with each other and were tolerant enough to know the recipe and after which they shared enjoyed the taste of fresh chikki. The children discussed about different seasons and shared their own views. It was a fun filled visit to chikki factory ,icecream making factory and bread making workshop.





MAHARAJA CHIKKI  
PRODUCT PVT LTD

GPS Map Camera



Lonavala, Maharashtra, India

Shed No. 3, LICEL, Industrial Estates, Nangargaon,

Lonavala, Maharashtra 410401, India

Lat 18.749137°

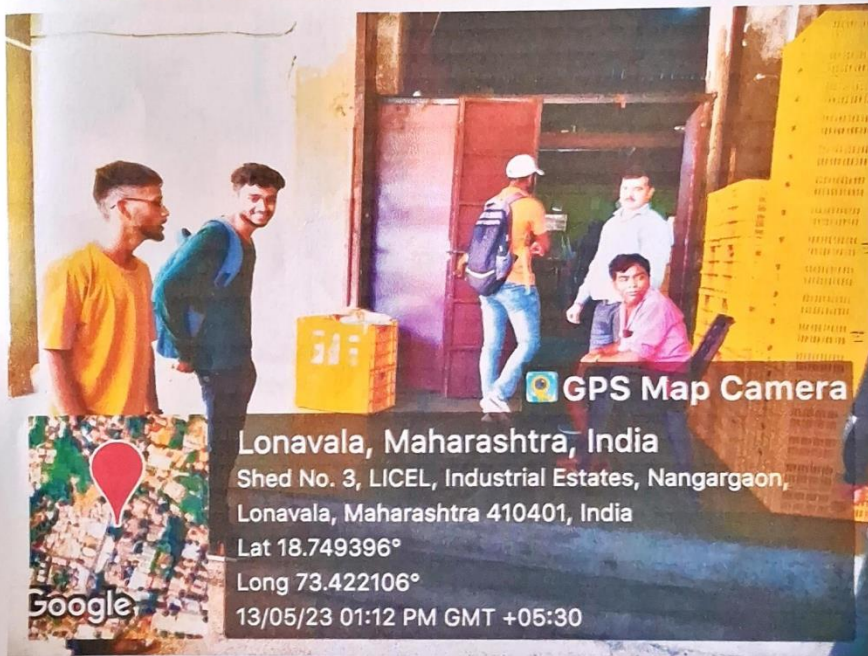
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13/05/23 12:51 PM GMT +05:30



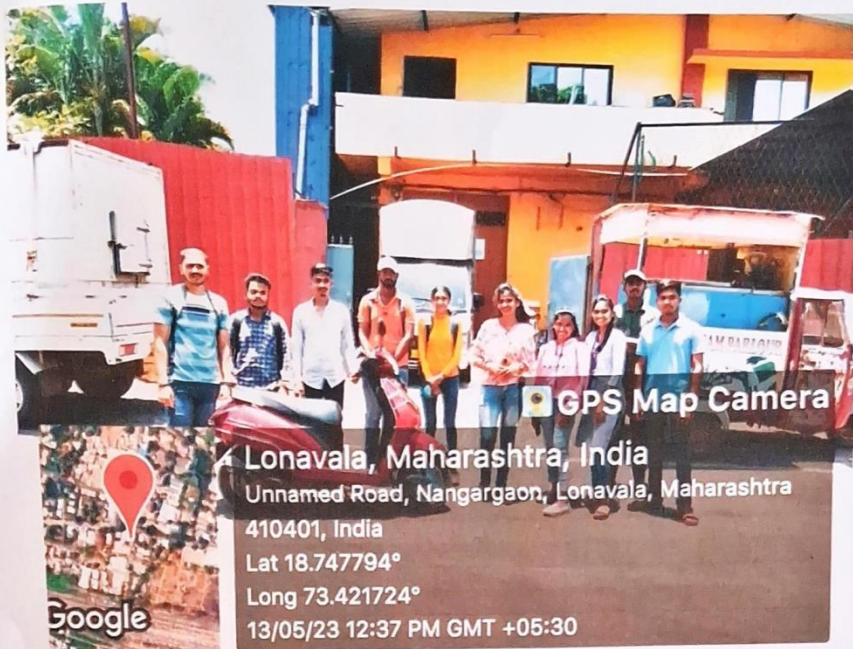


Lonavala, Maharashtra, India  
 Shed No. 3, LICEL, Industrial Estates, Nangargaon,  
 Lonavala, Maharashtra 410401, India  
 Lat 18.749182°  
 Long 73.422222°  
 13/05/23 12:52 PM GMT +05:30



Lonavala, Maharashtra, India  
 Shed No. 3, LICEL, Industrial Estates, Nangargaon,  
 Lonavala, Maharashtra 410401, India  
 Lat 18.749396°  
 Long 73.422106°  
 13/05/23 01:12 PM GMT +05:30





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Coordinator  
(Dr. Rajni Bho Chakras)

## 7.2 - Best Practices

### BEST PRACTICE -2

#### Eco Bricks – A Step Towards Tackling Plastic Pollution

The primary objective of the eco bricks initiative is to encourage students to understand the importance of reusing non-recyclable plastics, rather than allowing them to accumulate in landfills or pollute the environment. Eco bricks offer a sustainable solution as they can be used to build structures, create garden planters, and even craft artistic designs. These eco-friendly bricks are durable, strong, and free from harmful chemicals, making them a safe and versatile material.

In an effort to contribute to this cause, our college has implemented this practice on campus, fostering environmental awareness and sustainable actions among students.

#### **BEST PRACTICE -2**

#### ***Eco Bricks – A Contribution Towards the Solution of Plastic Pollution***

The main idea of an eco bricks is to reuse the used and non-recyclable plastics rather than letting it end up in landfill or worse. When plastic bottles are just thrown-away , very slowly they breakdown over time into microplastics and many other bi-products along with chemicals which in turn contaminates the environment

Non-recyclable plastics are made of inorganic chemicals that leeches into the surrounding environment again as are exposed to the sun. This causes immediate harm to soil and also eventually reaches the water table and these chemicals create threat to aquatic plants and animal lives in water.

Eco bricks can be used to build structures,garden planters and even artistic creations. They're strong enough and durable and they're chemical-free and non-toxic.

Proposed planned structure



Well-prepared ecobrick modules will last many years. Ecobricks lustre as the colors of the contained plastic may begin to fade over a couple of years.

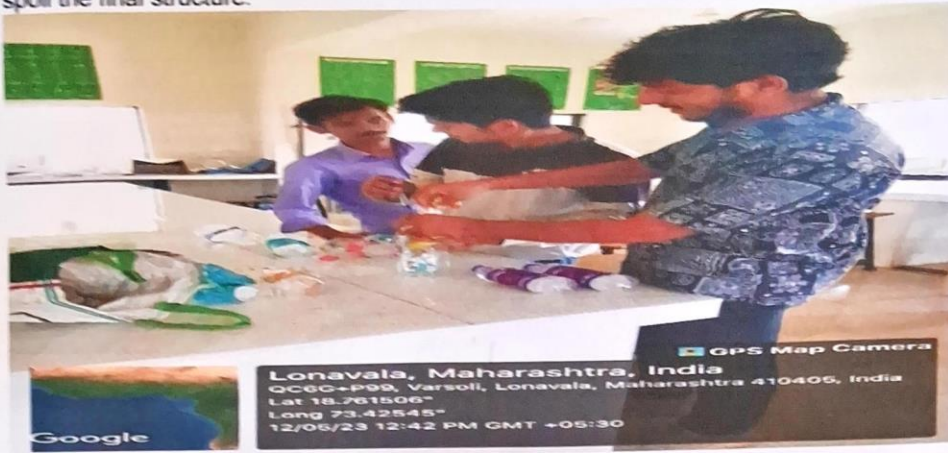
Any size bottle can be used as an ecobrick, but the average size tends to be similar



to get better structure ultimately at last. Plastic cutting and polythenes ,rapers etc



along with sand was put in the bottle brick needs was cleaned and dried first . Any dirt may lead to microbiological growth inside and methane forming inside your bottle brick can make the bottle bloat and the cap even pop off at later stage. That can spoil the final structure.



Polythenes ,rapers etc along with sand was filled with the stick to poke the plastic waste inside the bottle down so you can fit as much as possible into it.



It is made sure that the things that were being put in your ecobrick can't be recycled or won't break down like paper, card, food waste or glass etc. Ecobrick was packed as tightly as possible to make it sufficient strong , too soft can't be used for building because that might not be robust enough to withstand the load.



Although the bottle bricks were packed full of plastic, it was made sure that it shouldn't be pushing against the lid to end up making the lid come off.

*Ratkar*

**IQAC Co-ordinator**

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*Wair*

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