



Terracotta Grinder

 drishtiias.com/printpdf/terracotta-grinder

The **Khadi and Village Industries Commission (KVIC)** has launched the first-ever '**Terracotta Grinder**' at Varanasi.

Khadi and Village Industries Commission (KVIC) has also started manufacturing of **plastic-mixed handmade paper**.

- It is being manufactured under KVIC's project **REPLAN (REducing PLastic in Nature)**.
 - In this project, the waste plastic is collected, cleaned, chopped, beaten and treated for softness.
 - Later it is mixed with the paper raw material in a ratio of 80 % (pulp) and 20% (plastic waste).
- It will grind the wasted and broken pottery items for re-using in pottery-making.
 - It will reduce the cost of production, and will also help to solve the problem of shortage of clays for pottery making.

Project REPLAN

- The initiative is launched by Khadi and Village Industries Commission (KVIC).
- REPLAN stands for **REducing PLastic in Nature**.
- It aims to make carry bags by mixing processed and treated plastic waste with cotton fibre rags in the ratio 20:80.
- The made paper is found to have good strength and durability
- It can be used to make paper bags, fine tissues and other paper-based items.

Terracotta

- Terracotta is a type of ceramic pottery.
- Terracotta is made by baking terracotta clay.
- In fact, the word "terracotta" comes from the Italian words for "baked earth."
- It is often used for making pipes, bricks, and sculptures.

Source: PIB