

PROCEDURE TO MAKE AN ECO GANESHA:

Apparatus:

- Natural Clay
- Mould of Plaster of Paris(POP)(Front and Back).
- Talcum Powder/Ash/Chalk Powder
- A Knife

The Process:

- The Natural Clay is mixed with water to form Dough, such that water constitutes only 40% of the entire homogeneous mixture.
- Now, Take the required mould of POP, and sprinkle its inner surface with Talcum powder/Ash/Chalk powder, for the purpose of lubrication.
- Fill the front mould with the Clay Dough, simultaneously applying uniform pressure at all points. This ensures Precision in the features of the idol.
- Repeat the above step for the Back Mould as well.
- Now, put the two moulds together and fill any visible void with the clay.
- Press the two Moulds against each for a small amount of time. Be Gentle in doing so, as Excess pressure can weaken the strength of the idol.
- Now, remove the top Mould CAREFULLY and any excess Clay visible to you with a knife.
- Your Eco Friendly Ganesha is now READY.

NOTE:

- **The Idol takes at least a day or two to dry, depending on its size.**
- **The Natural Clay used here is easily available in any POTTERS COLONY.**

PAINTING YOUR GANESHA:

- Make Sure you have Brushes of all sizes.
(Smaller the idol, Finer should be the brush.)
You can use the ones, we normally use on our canvas.

- **Colors and their ingredients:**
 1. **China Clay(diluted)**→ used as a **primer** coat.
 2. Natural **Blue**→ Extracted from **Indigo Plant/Kalappa**.
 3. Natural **Yellow**→ Extracted from **Turmeric/Marigold(Chand huva)**.
 4. **Orange/Red**→Extracted from **Anato seeds / Marigold (Chand huva)**
(Orange)/Brick Powder(Red).
 5. Gum Arabic→ used as a **BINDER**.
 6. **Green**→ Extracted from **Thumbe Soppu**.
 7. **Brown**→ Extracted form **Katha**.
 8. **Black**→ Extracted from **Charcoal**.
 9. **Violet**→ Extracted from **Jamoon**.
 10. **Gold**→ Extracted from **Mica bearing Clay(Powder form)**

- **Making The Paint:**
 1. **If Ingredients are:**
 - a) **Plants/Flowers/Seeds:**
Then squish it in a using a small stone,so that it becomes a paste.
 - b) **Powders:**
These can be used as it is, but can be ground finer if needed.

 2. Take the Paste/Powder in a vessel and **boil it** till it gives out the color.

NOTE:

1. Before using the colors, mix some GUM(used for paper) with it. The addition of gum helps the paint to adhere to the idol.
2. Creating Shades:

- Different Shades of the same color can be created by adding an intuitive amount of CHINA CLAY(diluted) to it.
- CHINA CLAY can also be used to make the dilute paint, a little more concentrated (thicker).

EXAMPLES:

Katha + LIME(Calcium Compound) → Dark Brown.

Yellow + China clay → SKIN color.

EXPERIMENT TO DISCOVER COLORS OF YOUR LIKING!!

**YOU ARE NOW FULLY EQUIPPED TO MAKE YOUR GANAPATHI HABBA
CLEAN AND GREEN!!**

Credits:

Regional Design & Technical Development Centre(Technical Wing)

Bangalore

Estd. New Delhi 1958

Shifted to Bangalore 1961

Objectives:

- To develop new tools and Equipments for the Handicrafts sector.
- To conduct research & Experiments in new techniques and processes.
- To popularize the use of Eco Friendly Dyes
- To develop and upgrade the skills of the artisan community.
- To disseminate the technology in the field/craft clusters.

Research & Experiments:

- Bodies for ceramic and glazes.
- Wood mosaic and Chemical etching.
- Eco Friendly Dyes for textiles & Wooden Products.
- Terracotta and artistic jewelry
- Lacquering of wood and metal items.
- Batik, tie & dye.
- Cane & Bamboo.
- Kalamkari

Activities:

- Development of machine and tools.
- Training to Trainers and Master Craftsmen.

- Short term training: 1 month for anyone interested.
- Demonstrations
- Workshops
- Financing (up to 40 lakhs) to Community Facility Centers (CFC) for to develop and support Handicraft sectors across the Country.

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