**Craftsmanship at the 100 crafts .com**

The 100 crafts Represents cultural heritage through art and craft, they are the most skilful and artistic, imbibing the art of crafting down through the generations. The 100 crafts revive the classical manifestations of the art of crafting through its various products and the same is reflected in the lustre and the profile of the various products it features and renders to detail.

With reference to brass idols our team at the 100crafts.com follow a stringent process of **‘Sand Casting’.**

The following is a brief process of crafting brass metal into beautiful and elegant looking decor items. The following are the different stages involved.

Melting metals, making moulds, and creating casts that result in glossy artefacts.

***Melting Metals – The Formation of Brass***

Brass is obtained from a mixture of melting copper and zinc in appropriate ratios. Copper and zinc are melted and the mixture cooled down on an iron base and allowed to solidify cut down into strips and sent for casting.

An artisan holding brass strips

***Mould Making – Creation of the Master Copy***

A mould is formed with wood or wax. and is the replica of the brass sculpture that the craftsman wants to cast with two halves called the master copy.

***Sand Casting – Creating Cavities in Mould-Boxes***

Sand is mixed with clay and treated with a binding agent. The mould-box divided into two parts is filled with sand and the master copies placed in between them. With the sand tightly packed in the mould-box, the master copies are removed and the mould-box is joined to make a cavity in the box in the place where the master copies are placed. A vent kept in the mould-box helps to flow the molten metal in to the cavity.

***Crafting Cast – Pouring Metal into the Cavity***

After the mold-box is made, the brass alloy strips are heated in a pot and the molten brass is poured from the gate kept into the mould-box. After the mixture cools down the cast is taken out from the mould-box. Any imperfections are removed and the final brass piece is cleaned with a damp cloth.

***Scraping – Imparting Shine to the Casts***

The casted piece is ready for polishing

and is attached to a lathe machine which spins the cast. The spinning cast is filed and chiselled and made into a glossy idol or an artefact.

Craftsmanship at its best

A Rashtrapathi award winning craftsman

Craftsmanship