

PAINTING STUDY MATERIAL FOR CLASS 11TH BASED ON NCERT

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The Lost-Wax Process (Method of Casting Metal : Solid and Hollow)

The lost-wax process is a technique which is used for making objects or sculptures from metal. This technique is used almost all over the world. But, a slightly different technique or methods of casting is used in Himachal Pradesh, Odisha, Bihar, Madhya Pradesh and West Bengal.

There are several steps to make an idol or sculpture by the molten metals. First of all, a wax model of the image is prepared by the artist's hand. All the details are clearly engraved on it. After completion of the image, it is now covered with a thick coating of paste which is prepared by the equal parts of clay, brick-dust and plaster of paris, but a link way has to be made from which the wax of the image may come out after melting it on open fire and then melted metal can be poured into that channel from where the wax came out. After some time, the clay layer is exposed patiently and behind that a solid metal image appears. We can make solid as well as hollow form of the idol or sculpture by this technique. For hollow form of the idols, first of all, a crude image is made by clay and it covers with wax layer and all the details of the idol made on it. After completion of the image same process is repeated.



Casting process of metal sculptures



Finishing process of metal sculptures

