

Dear Readers,

The end of January is already upon us and time is flying by. We hope you had a wonderful holiday season. As many New Year's resolutions made with much gusto is fading away, iKix's commitment to excellence stays strong. It's been a good start to the new year and we are busy with projects. We thank our customers for helping us to serve you.

If there is any information you like to be included in inSite, please advise us on [business@ikix.in](mailto:business@ikix.in). Your opinions are important.

Happy Reading!!!

“WITH THE NEW DAY COMES NEW STRENGTH AND NEW THOUGHTS”

## OUR LATEST PROJECTS

### CASA GRAND SAVOYE



"Individually, we are one drop. Together we are an ocean" – With this thought in mind, iKix team makes yet another 3D printed model 'Casa Grand Savoye' for Casa Grande Civil Engineering private limited.

The customer approached iKix for making the model for the launch of their project and the same was delivered within 7 days from the date of purchase order.

The model was made in a scale of 1: 200. The blocks A to N along with the podium level were 3D printed. In addition to the regular features, the model included separate internal lighting for 2 BHK apartments, 3 BHK apartments, amenities and landscape.

The landscape detailing included open courtyards with landscape and site layout with OSR landscape features. Delivery and installation were at Karapakkamm.

### NIRALI MEMORIAL MEDICAL TRUST'S CANCER HOSPITAL



Mr. AM Naik, Group Chairman of L&T has founded the Nirali Memorial Medical Trust's Cancer Hospital at Navasari, Gujarat and iKix had the honor and opportunity of making a 3D printed model of the hospital for the opening ceremony of the hospital which was done by the honorable Prime Minister Shri Narendra Modi.

The multispecialty hospital building and the Cancer Centre were 3D printed with full façade detailing. The delivery was at Navasari and in a duration of 10 days from the date of purchase order.

news

## NEWS BULLETIN FROM THE 3D PRINTING INDUSTRY

### Ancient Wari Queen brought to life with stunning recreation of Head

(Adapted from Livescience)

At first glance, the wrinkled face of a dark-haired woman wearing round gold ear-rings, looks incredibly real. But it's not – it's a reconstruction modeling clay, based on the skull of a Wari queen who lived 1200 years ago in what is now Peru.

Peruvian and Polish archaeologists unearthed the queen in a pyramid mausoleum known as El Castillo de Huarmey (Huarmey's castle), located north of Lima, in 2012. The tomb held the remains of 58 noblewomen, including the queen, who was buried in private chamber, according to National Geographic. All of the women were part of the Wari culture, a people who lived in the region from A.D. 700 to 1000, long before the Inca rose to power.

The Queen's tomb held jewelry, her skull amongst various other lavish artifacts. The archaeologists gave the skull to Oscar Nilsson, a forensic artist based in Sweden for reconstruction of her features for the world to see.

Nilsson used a CT scanner to make a virtual, 3D image of the skull. He then sent the digital data to a 3D printer, which made a replica of the skull in vinyl plastic.

Nilsson knew that the queen's age was atleast sixty. He used plasticine clay to sculpt the muscles, relying on methods that help forensic artists reliably rebuild a person's eyes, nose and mouth. "The ears are more speculative," he said.

Next, he covered the muscles with a layer of skin. "Details, wrinkles and pores are sculpted to get it [to be] realistic," he said. "When I'm finished sculpting the face, I make a mold, in which I then cast the face in silicone. In this way, I can get it very realistic. It looks almost like a real person, even to me."

Nilsson used prosthetic eyes in the reconstruction, as well as real human hair that he inserted, strand by strand, into the silicon scalp. "We actually used Peruvian human hair, bought in Peru by the Polish archeological team," he noted.



If you have any questions regarding our services, please feel free to write to us at [business@ikix.in](mailto:business@ikix.in), else you could also contact us on 8939832442 / 8939832449 and we'll be more than happy to interact with you.