

Dear Readers,

Merry Christmas and a very happy New Year.

Can't believe how fast the days have gone by. It has been an exceptionally eventful and busy year and ikix has been in the forefront of many domestic and international projects.

It's a pleasure to bring out our latest edition of inSite. So many great events and initiatives happening that we sometimes forget how much we have achieved until we sit back and reflect.

Don't forget to write to us about your suggestions and feedback at business@ikix.in

Happy Reading!!!

“WORK HARD AND BE PROUD OF WHAT YOU ACHIEVE” is our motto

Happiness lies in the joy of achievement and the thrill of effective team work.

OUR DOMESTIC PROJECT

Judicial Complex of Andhra Pradesh



Unity is strength... when there is teamwork and collaboration, wonderful things can be achieved. Ikix proved this once again by making the 3D model of the 'Judicial Complex of Andhra Pradesh'.

Andhra Pradesh government's state high court comprises of 19 halls and is spread over four acres in the Justice City, which is one of the nine cities known as 'Navaratnas' proposed to be built in Amaravati as part of the world class capital project and ikix is proud of the fact that we have made the replica of yet another prestigious project for Amaravati, the capital of Andhra Pradesh.

At the behest of L&T, the 3D printed model of the High Court Complex with full façade detailing was made and internal lighting was provided with separate control switches.

The roads and pathway with lush greenery leading to the Court Complex were depicted with a striking resemblance to the actual project. The model was made in a scale of 1:300 and delivered within 10 days from the date of purchase order.

Purpose of the model was for providing physical representation of the actual Court Complex that is being constructed in Amaravati to the honorable Chief Minister Mr. Chandrababu Naidu.

OUR INTERNATIONAL PROJECT

Square Tower for Tiger Properties



Teamwork, the fuel that allows common people to attain uncommon results has been proved once again by team ikix by making the 3D printed model of "Square Tower" for Tiger Properties, UAE.

The Square Tower is a highrise 37 storey residential tower and is placed at Jumeriah Village Circle, Dubai. The 3D printed replica model was made in a scale of 1:150 and comprised of office floor, podium level, residential tower and penthouse with full exterior detailing as per the given inputs. Interactive lighting was provided with separate control switch. The mounting table was made with PU paint and high quality finish and the customer logo as well as the project log were affixed.

The model was delivered within 20 days of Purchase Order to be displayed in the lobby of Tiger Properties office as demo was prospective buyers.

news

A quick glance into the 3D printing Industry

3D printed lithium ion batteries

(Adapted from Science Daily)

Electric vehicles and most electronic devices such as cell phones and laptops are powered by lithium ion batteries. Until now, manufacturers have had to design their devices around the shape of commercially available batteries but researchers have developed a new method to 3D print lithium ion batteries in virtually any shape.

Most lithium ion batteries on the market come in cylindrical or rectangular shapes. Therefore, when a designer is designing a product – such as cell phone – he must dedicate a certain size and shape to the battery, which could waste space and limit design options.

Theoretically, 3D printing technologies can fabricate an entire device, including the battery and structural and electronic components, in almost shape. However, the polymers used for 3D printing such as PLA are not ionic conductors, creating a major hurdle for printing batteries. The researchers increased the ionic conductivity of PLA by infusing it with an electrolyte solution and boosted the battery's electrical conductivity by incorporating graphene into the anode or cathode respectively.

To demonstrate the battery's potential, the team 3D printed an LED bangle bracelet with an integrated lithium-ion battery.



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