

Dear Readers,

Welcome to inSite – full of the latest innovations happening in iKix. As we continue into this year, the new projects detailed in this newsletter never fail to make us proud of ourselves. With our zest for new ventures and our sincere efforts, we continue to set efficiency highs in enabling new possibilities for our customers.

We value your opinions and suggestions and if you want to put in a word please feel free to ping us on [business@ikix.in](mailto:business@ikix.in).

We hope you enjoy the read.

Happy Reading!!!

*“Goals are often DREAMS with deadlines”*

“Coming together is a beginning, Keeping together is progress, Working together is success”

– Henry Ford

## OUR LATEST PROJECTS

iKix is happy to announce that our model was exhibited in the SPR – **Appreciation Fest 2019** held between 9th to 17th of March 2019 at Chennai Trade Centre.

The 3D printed model of **‘Market of India’** – India’s largest wholesale market . The SPR Market of India has a total built up area of 54 lakh square feet with shops and offices. Our miniature 3D printed model was made in a scale of 1:300 (2.5’ X 2.33’ X 0.8’).

The special features included internal lighting for commercial and office floors.

The commercial level (level 0.0 to 32.5m) and office (level 34.25 to 61.55m) were 3D printed and installed at Chennai Trade Centre.

## ROAD MODEL FOR APCRDA

iKix is excited about the fact that we have made yet another model for APCRDA. Yes the 3D printed model of a Typical Cross section of roads was made by us recently.

To showcase the mega project depicting the infrastructure facilities of Amaravati to general public, foreign investors , contractors etc., APCRDA approached iKix to make a replica of the actual cross section of the roads for 25 M Row, 17 M Row, 15.6 M Row, 12 M Row and 9 M Row along with commercial and residential buildings for each row.

The model was made in a scale of 1:10 with size as follows:

- ▶ 25M Row – 4.2(M) X 3.0(M) X 3.0(M)
- ▶ 17M Row – 3.4(M) X 3.0(M) X 2.0(M)
- ▶ 15.6M Row – 3.26 (M) X 3.0(M) X 1.3(M)
- ▶ 12M Row – 2.9(M) X 3.0(M) X 1.3(M)
- ▶ 9M Row - 2.6 X 3.0(M) X 1.3(M)

The special features for each row comprised of all utilities below the ground and above the ground like side walk, cycle track, MF Zone, Carriageway, Centre median, kerb stone, marking line, street lights, vehicles, human figures, houses etc.,

Building features included:

- ▶ Type 1 - 25M Row – Commercial building (G + 6) and residential building (G + 6)
- ▶ Type 2 - 17M Row – Commercial building (G + 3) and residential building (G + 3)
- ▶ Type 3 - 15.6M Row – Commercial building (G + 2) and residential building (G + 2)
- ▶ Type 4 - 12M Row – Commercial building (G + 1) and residential building (G + 1)
- ▶ Type 5 - 9M Row – Residential building (G + 1)

The lighting feature was interactive lighting for utilities like water flow, smart street lights (CCTV, Wifi, mobile tower, solar panel, communication screen, audio announcements etc., ) road reflectors and vehicle flow direction in marking line

Each model was delivered in a time frame of 1 model once in every fortnight.

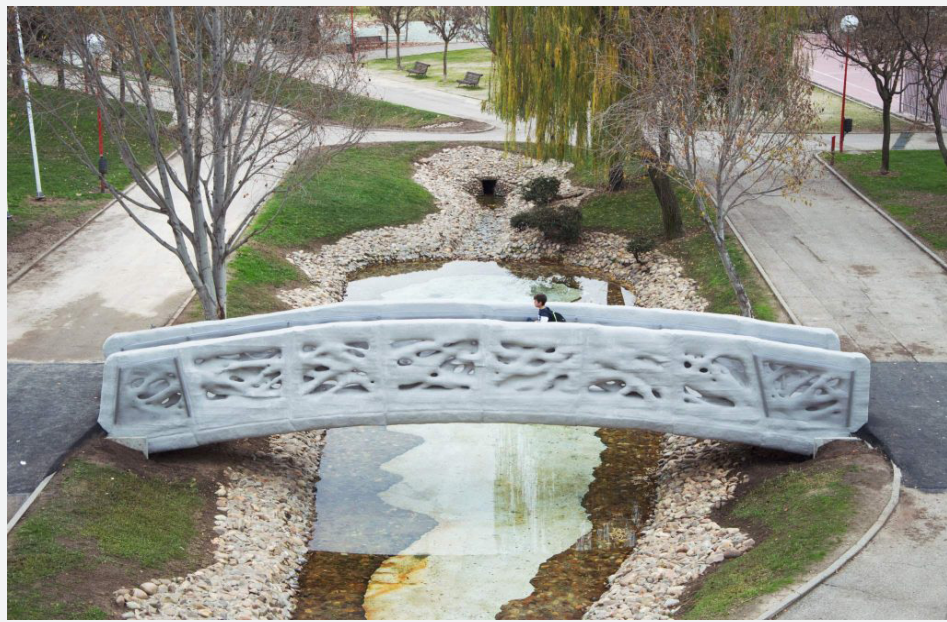
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## FIRST 3D PRINTED BRIDGE FROM IAAC IN MADRID

### Are you informed?

(Article adapted from 3dprinting industry.com)

Installed in a park south of Madrid, the first 3D printed bridge in Spain and potentially the world, was created from a collaboration between the Institute of Advanced Architecture of Catalonia (IAAC) in Barcelona, Spain and ACCIONA, a company dedicated to Spain’s sustainable infrastructure.



Fully functional, the bridge arcs above water without a central support column. The bridge’s use of micro – reinforced concrete adds to its mechanical strength as it is able to provide the necessary support without forms of extra internal support.

The influence of classical designs of Architect Antoni Gaudi, resulted in the bridge having an organic characteristic, illustrating the skill of 3D printing to craft mechanically yet express human ingenuity.

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.