

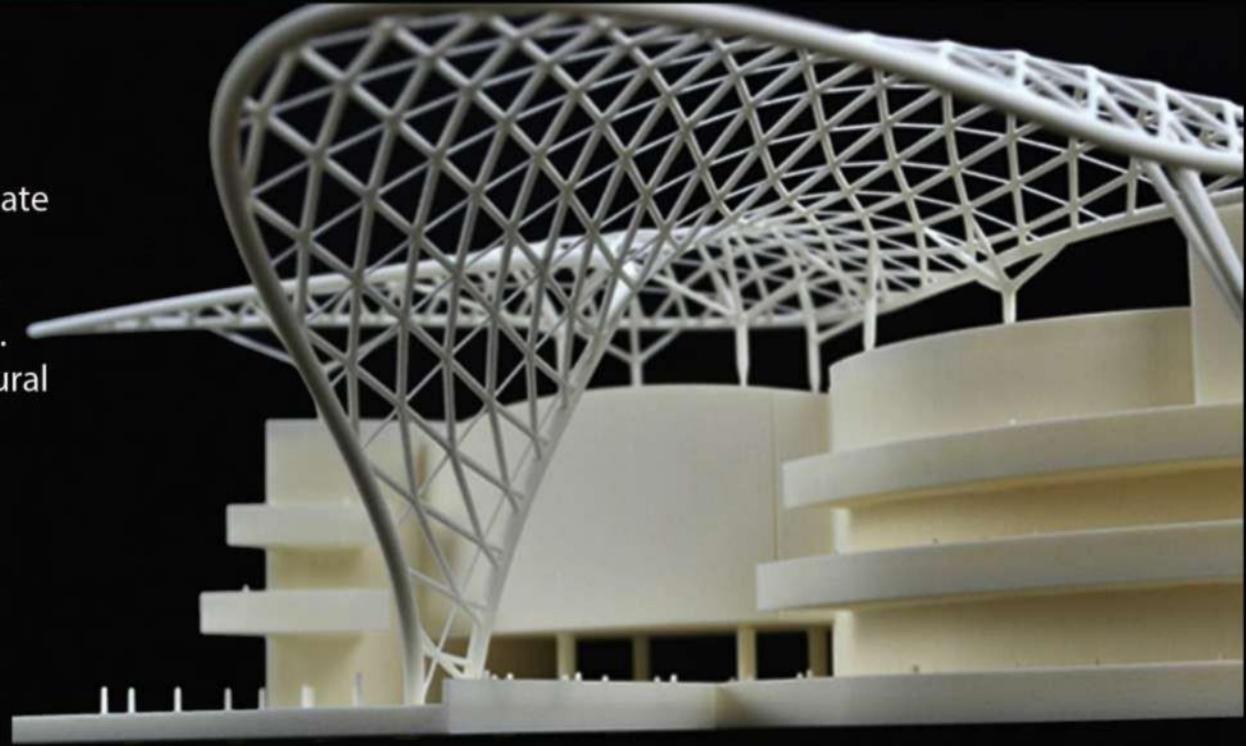
ARCEGE
WE THINK IN 3D



PORTFOLIO

INSTA3D TECHNOLOGIES

Driven by Technology, inspired by people, and passionate about creating genuinely meaningful innovations. INSTA3D TECHNOLOGIES is a unique team of talented Engineers, Architects, Developers, and Forward-thinkers. We are the innovation leader in 3D Printing & Architectural Model Making.



ARCEGE

We are offering you, your clients and investors the possibility to have a miniaturized, precise, detailed and colourful cost effective replicas of your Designs within a short duration through Rapid prototyped models, communicating your concepts and design effectively.

We serve architects, construction developers, designers, and landscape firms needing professional & affordable scale models.

FIELDS WE WORK

WALKTHROUGH

- 3D ARCHITECTURAL VISUALIZATION
- 3D ARCHITECTURAL WALKTHROUGH
- ANIMATION

VIRTUAL REALITY

- VIRTUAL WALKTHROUGH
- VIRTUAL PAINT
- VIRTUAL FURNITURE

ARCEGE

- ARCHITECTURAL SCALE MODELS
- BUILDINGS MODEL
- PLANT LAYOUT
- EQUIPMENTS SCALE MODELS
- ELEVATIONS
- INFRASTRUCTURES
- MINIATURE MODELS

3D PRINTING

- INTERIORS
- STRUCTURAL MODELS
- ELEVATIONS
- TERRAIN MODELS
- URBANSCAPE MODELS
- TOWNSCAPE MODELS

MODELING

- 2D MODEL
- 3D MODEL
- VIRTUAL REALITY MODEL
- AUGMENTED MODEL

OUR GOAL

Crafted to stand out with innovation, precision, and creative excellence.

You can always count us for:

🏠 A PERSONALISED SERVICE

🏠 PRODUCT QUALITY

🏠 COMPETITIVE PRICE

🏠 SPEED OF SERVICE

WHY IS 3D PRINTING A GREAT TOOL FOR ARCHITECTURAL MODEL MAKING?



Completely supports the digital workflow.

The only things needed are the proper 3D file (compatible with the 3D printer requirements) and the machine will do the rest. Idea -> Sketch -> 3D Design -> 3D Print -> Present



Provides great detail and precision straight out of the printer.

Rough to medium quality prints start at 200 microns when very fine and intricate models can be achieved with precision up to 16 microns.
(100 microns = 0.1mm)



Cost effective.

Up to 75% price decrease compared to traditional model making techniques. We offer 3D Printed Floorplans starting at only \$350.



Time efficient.

Models can be printed over night and finished within a few days after the correct files are completed. Turn around time for a simpler project is about 7 to 10 days while more elaborate and complex requests could take up to a month to complete.



Complexity is almost free.

Intricate shapes and forms don't present a challenge and come free of charge as long as we can design it in 3D. Thus, encourage creativity and liberty of imagination.



Easy iteration.

Make minor or significant changes on the fly at no additional 3D printing costs. In the early stages, this tool allows you to test a multiple design concepts quickly and inexpensively while delivering high quality, true to life models at the final phase of a project.



Less assembly.

3D Printing virtually eliminates the need for piecing numerous amounts of components together, setting you free to get on the most relevant assignments.



A scale of use.

No project is too small or too big for the technology. A different result can be accomplished for each and any budget. From cityscapes to home interiors, design problems are now discovered early on in the design process.



BIM compatibility.

An easy and efficient path from BIM to 3D Print. By already working in a BIM environment, you are one step closer to reliable 3D-print-ready files.



Multiple copies.

Obtain several duplicates of the same design and use it as a gift to sponsors and high-level business executives. This feature is not only handy but also uncommon, considering the old ways of making models.

INTERIORS

"GIVING UNIQUE FORMS TO FUNCTIONAL SPACES"



- HOME DECORS
- MURALS
- INSTALLATIONS
- FALSE CEILING COMPONENTS
- WALL MOUNTS
- THEME DECORS
- FURNITURES

Interior designers and architectural companies with interior design sections are one of the more active users of 3D printers. 3D printers are typically used by these specially designed during planning and development levels. Investors in the printer allow designers to generate prototypes of hidden designs as well as aesthetics. These innovative machines have supported the design of interior designers to develop new and creative composition.

New or improved products, processes or software is Technological in nature, Eliminate uncertainty, The process of experiment, The right costs include the cost associated with employee wages, supply costs, testing costs, contract research expenses and the development of patent.

The advantage of 3D printing is that interior designers are easy to customize and unique product designs for their customers. Even though internal lighting is used to provide enough lighting for the user, lighting also represents aesthetic element and affects how the rooms can perceive or experience. 3D printed lamps can be composed of different shapes, sizes and special designs. For example, some designs may include cutouts for light shining, may be made of rectangular or spherical shapes, or an external shell may be a specific color.

STRUCTURAL MODELS

"EXPLORE THE MEGA STRUCTURES THROUGH OUR MICRO DETAILED MODELS"

It is the ability to print complex shapes and interlocking parts without the need for any form of assembly that makes 3D printing so unique. It is possible to create small, intricate shapes at a very small cost and in a short space of time. The ability to develop and produce different shaped objects without the need for specific tooling offers businesses a higher level of flexibility when it comes to production and it helps to reduce costs.

The strong point about 3D printing is that it improve innovation and is perfect for on-demand customisation needs.



ELEVATIONS & INFRASTRUCTURE

"YOUR ELEVATION REQUIRES OUR INNOVATION"



The ability to craft complex shapes and interlocking parts without the need for assembly makes 3D printing a game-changer. For elevations and infrastructure, it enables the creation of highly detailed and intricate models at minimal cost and in a short span of time.

3D printing empowers architects, engineers, and developers by providing accurate samples for elevations and infrastructure. This technology offers unparalleled flexibility in design and production, eliminating the need for specific tooling and significantly reducing costs.

The strongest advantage of 3D printing is its ability to enhance innovation while catering perfectly to on-demand customization needs. Whether for concept visualization or project planning, it ensures precision and efficiency like never before.



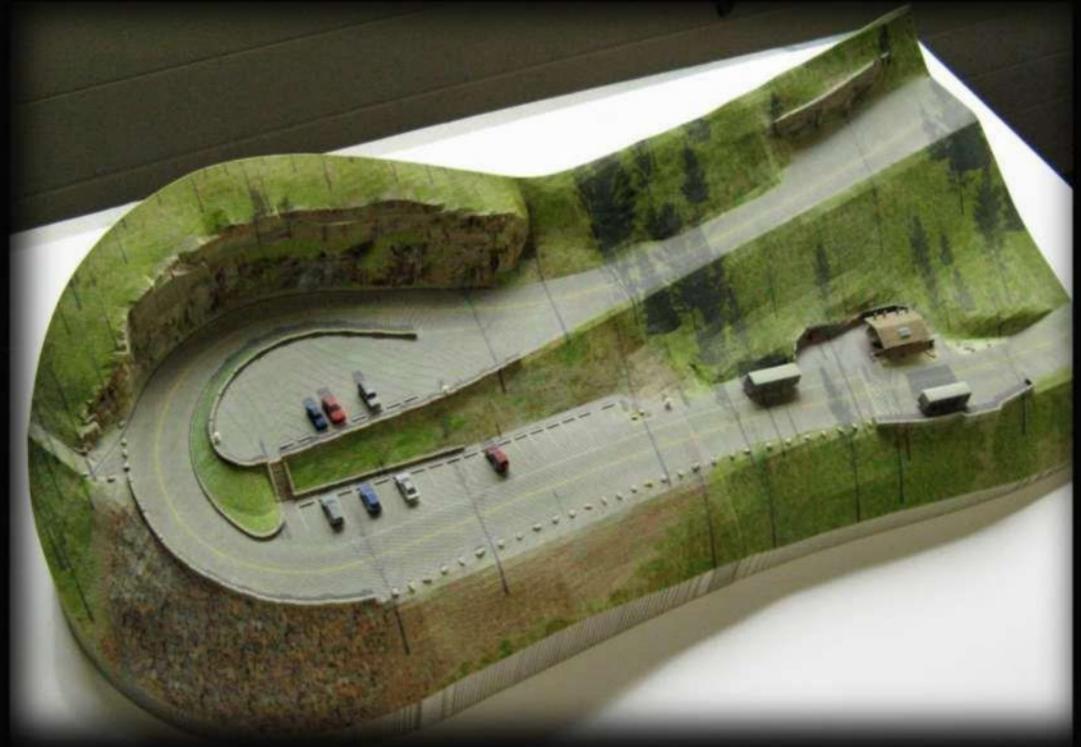
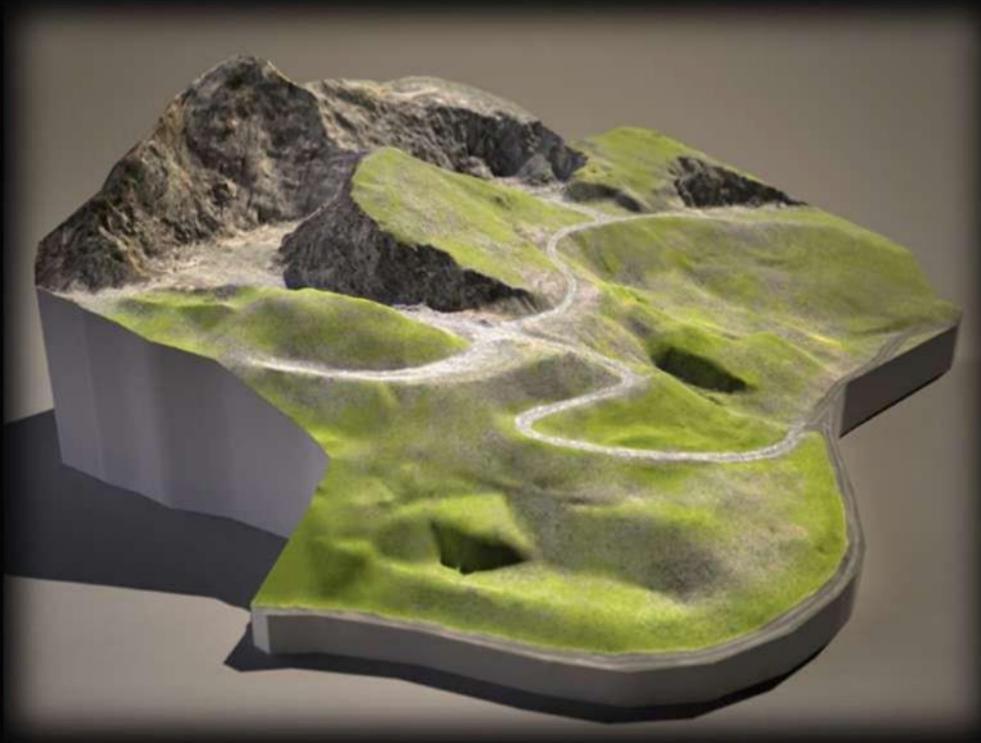
PROS

- FASTER CONSTRUCTION
- LOWER LABOR COSTS
- INCREASED ACCURACY
- GREATER INTEGRATION OF FUNCTION
- LESS WASTE PRODUCTION

TERRAIN MODEL

"PLOT YOUR STRUCTURES WITH OUR TERRAINS"

TO REALISE GOOGLE EARTH

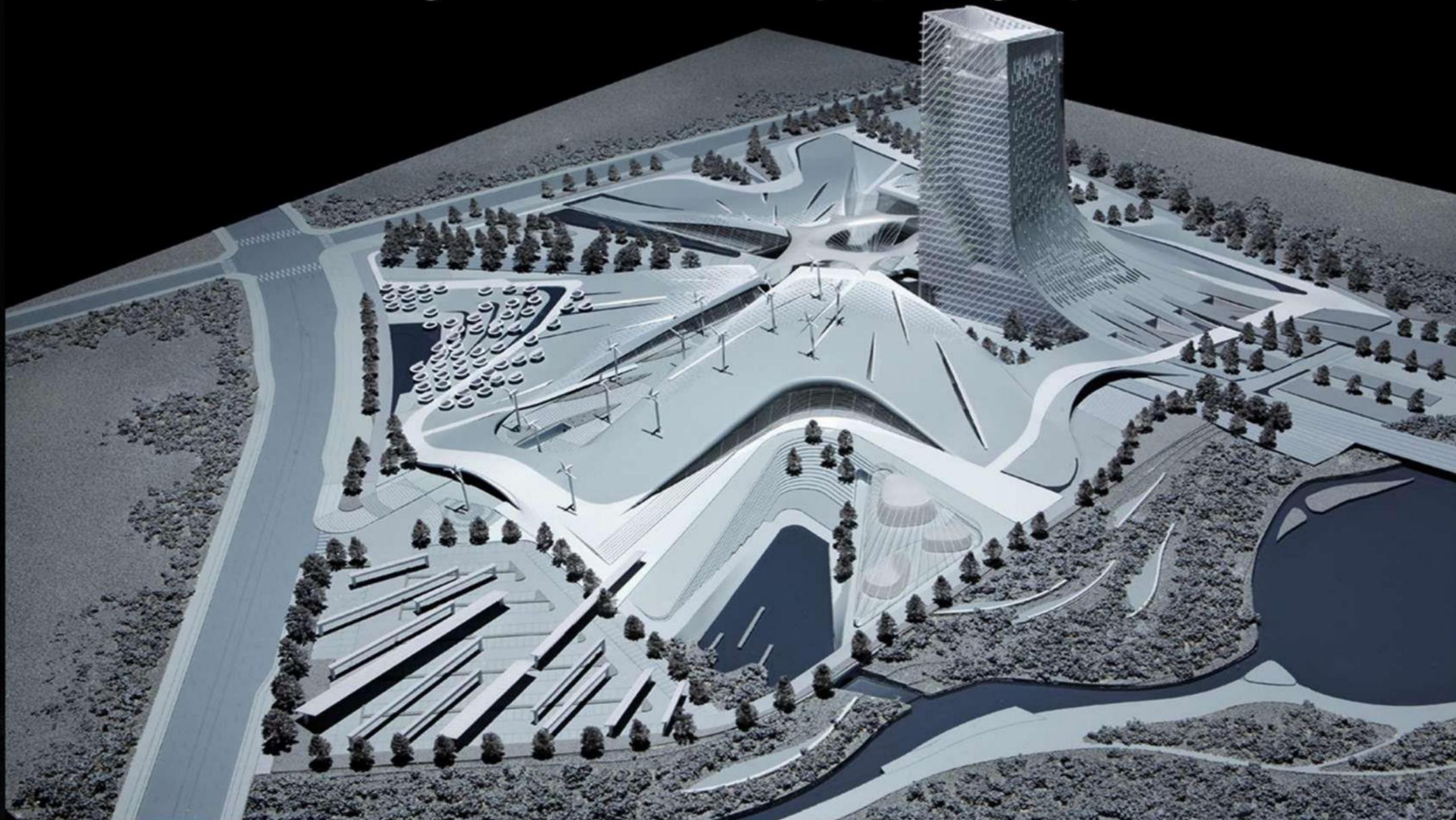


Terrain models give an overview of a landscape & are often fascinating and overwhelmingly beautiful. Cartographic terrain or relief models are three-dimensional representations of a part of the earth's surface. They convey an immediate and direct impression of a landscape and can be much easier to understand than 2-dimensional maps. The third dimension can only be portrayed in a two-dimensional map through limited cartographic devices, such as contour lines, relief shading and special signatures. These are rather abstract constructions and a map reader requires training and imaginative skills. This is especially true for representations of mountainous regions with steep slopes and rock faces, which have limitations in conventional maps. Alternative paintings or photographs of a rock face can only provide a single point of view. Only with terrain models is it possible to depict the third - dimension in its entirety and also on large-scale models a huge amount of topographic details and information can be shown.

CITYSCAPE AND TOWNSCAPE MODELS

"ENCOMPASS THE CITY IN YOUR HAND"

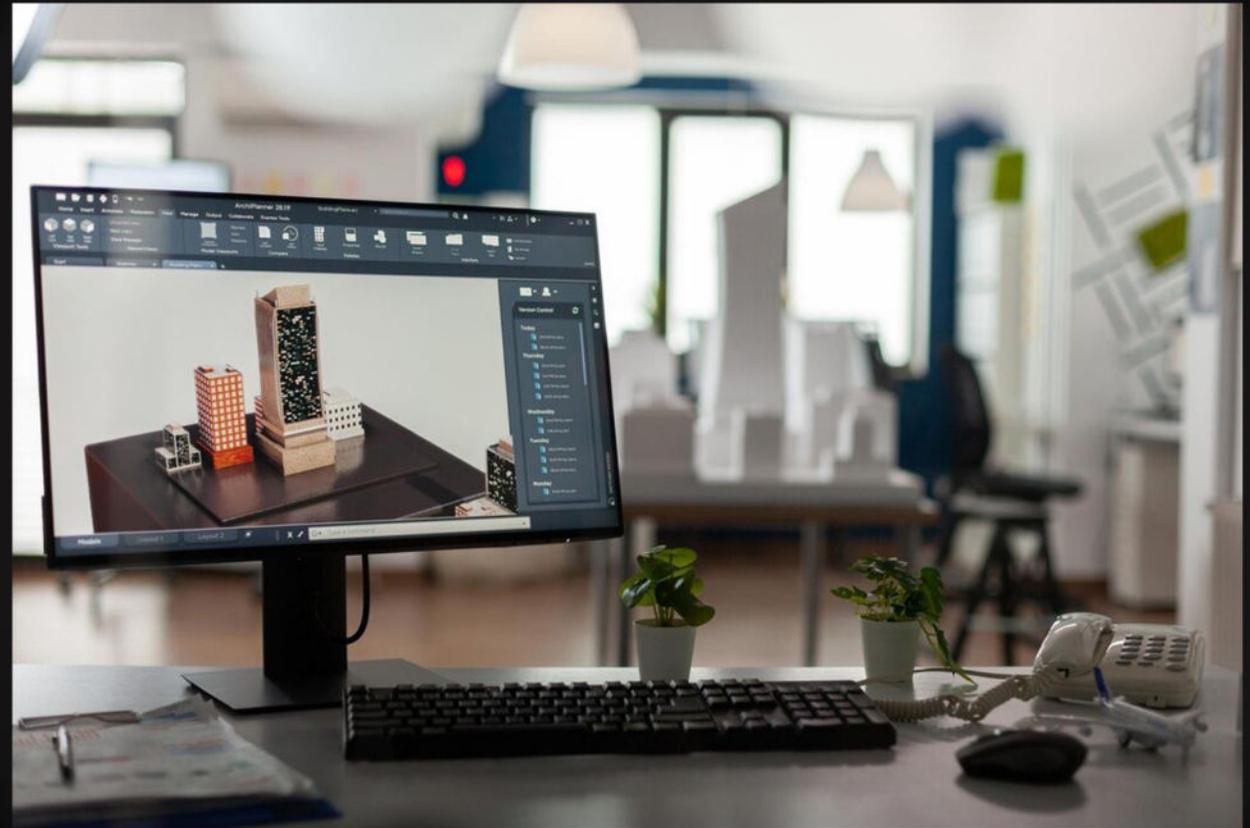
Our attention on creating miniature urban landscapes ,buildings replete with detail.



WALKTHROUGH

Explore your designs in a dynamic, immersive walkthrough with incredible realism

Step into your vision with our 3D architectural walkthroughs and rendering services. We create immersive, detailed visualizations that bring architectural designs to life. Our 3D walkthroughs allow you to explore every corner of a building, offering a dynamic, realistic experience before construction even begins. Combined with high-quality rendering, these services provide stunning, lifelike images that showcase the full potential of your project. Whether for presentations, client approvals, or virtual tours, our solutions offer precision, creativity, and unmatched realism to help you visualize and refine every detail.

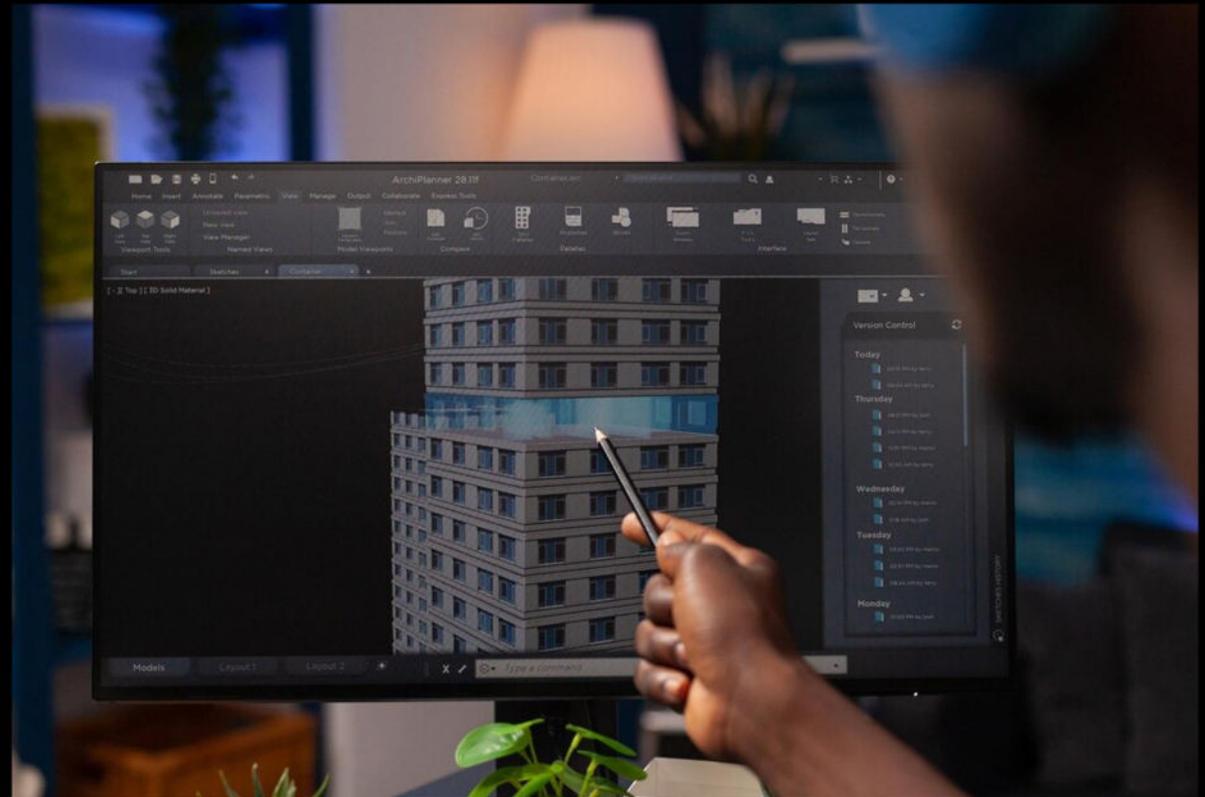
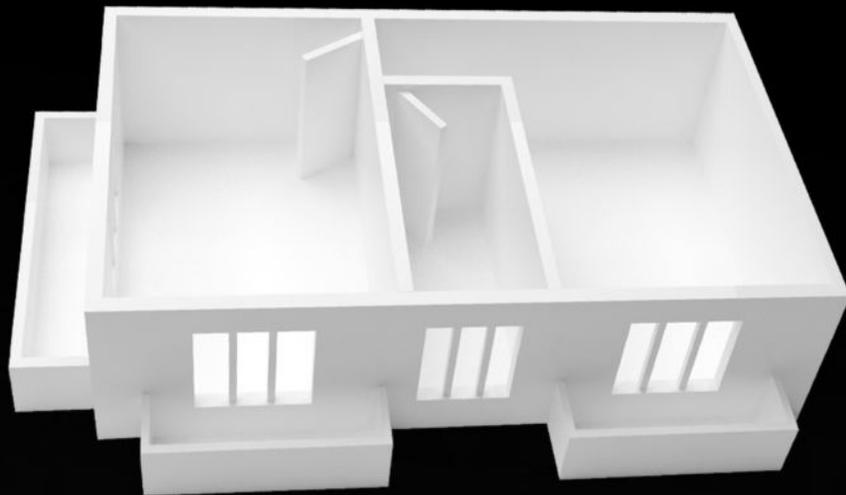


Our 3D architectural walkthroughs and rendering services allow you to fully experience your project before it's built. We create detailed, realistic visualizations that bring your designs to life, providing an immersive view of every space and element. Through high-quality renderings, we showcase your project's true potential with lifelike images, helping you refine and perfect your design.

MODELING

Transforming ideas into high-quality, lifelike 3D models

Modeling and 3D printing work hand in hand to transform ideas into tangible realities. Through precise digital modeling, intricate designs and complex structures are created with accuracy and detail. These digital models are then brought to life through 3D printing, allowing for the production of highly detailed, customizable, and functional objects. This seamless integration enhances creativity, speeds up prototyping, and reduces production costs, making it a game-changer across industries like manufacturing, architecture, and product design.



Modeling creates the blueprint, and 3D printing brings it to life. Detailed digital designs take shape with precision, allowing complex structures to be produced effortlessly. This combination enables rapid prototyping, cost-effective production, and limitless creativity, revolutionizing design and manufacturing.

VIRTUAL REALITY

*"INSTANTLY MAKE YOUR DESIGN CONCEPT COME TO LIFE
IN A TRUE -TO- SCALE ENVIRONMENT"*



VaRch

Lets pick colors for walls as we sit inside your virtual house. Picture it before you paint it! We bring forth VR solutions that can revolutionize architecture visualization

Walkthrough

Flythrough



Augmented Reality

You can now transform your business by integrating your digital information into the environment, creating fashionable UI s for customers or clients .We can assist you in this by

AR Demos

AR Visualize



OUR SHOWCASE



YALI TEMPLE MODEL

SCALE MODEL - TIRUPATHI



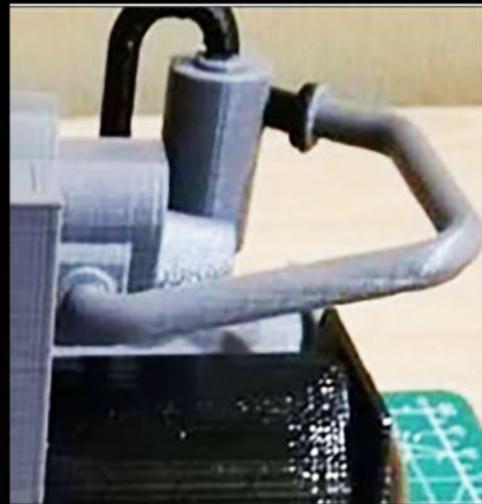
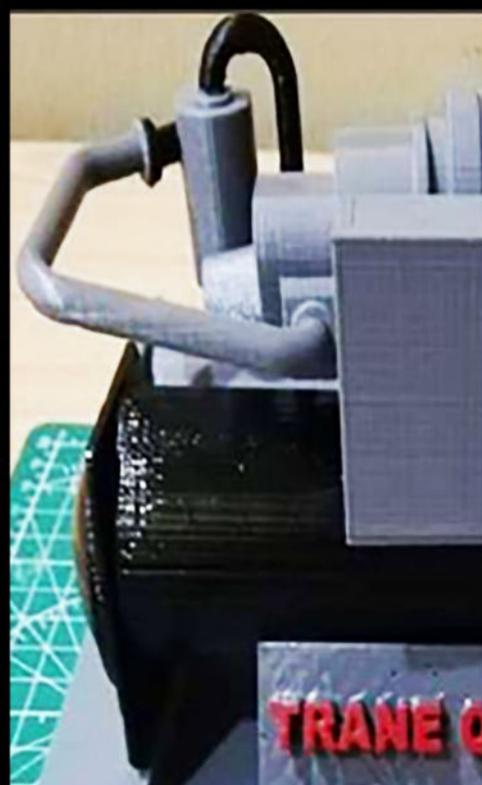
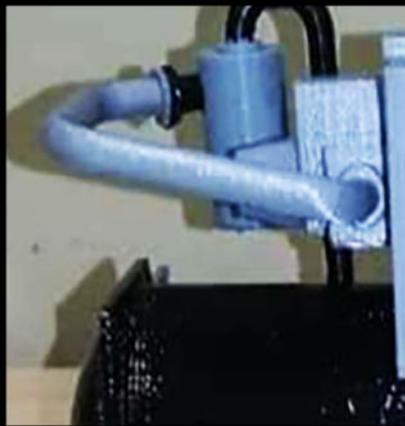
FACTORY LAYOUT

INFRASTRUCTURE MODEL



COMPRESSOR MINIATURE

MINIATURE



CHURCH MODEL

DETAILED FEATURES



AMARAVATHI

COURT MODEL



COURT - AMARAVATHI

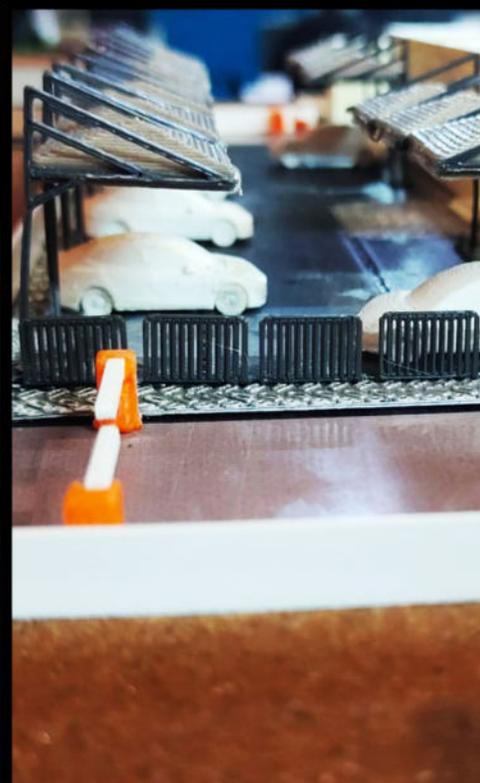
PALACE MODEL

DETAILED FEATURES



ALAF UAE

PLANT LAYOUT



SRIGURU TEMPLE MODEL

SCALE MODEL



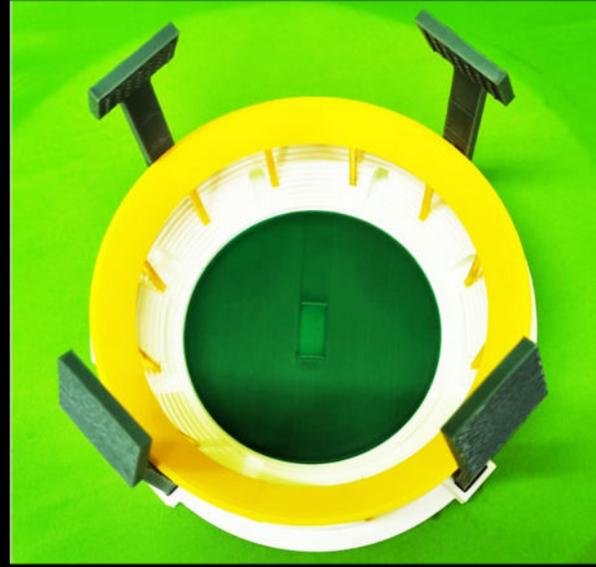
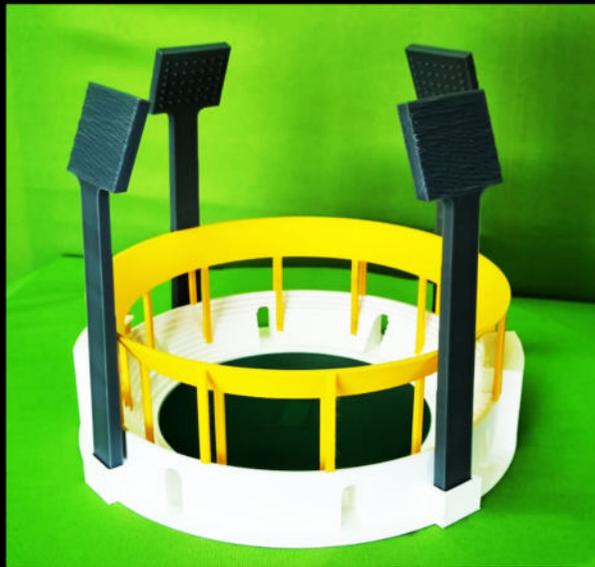
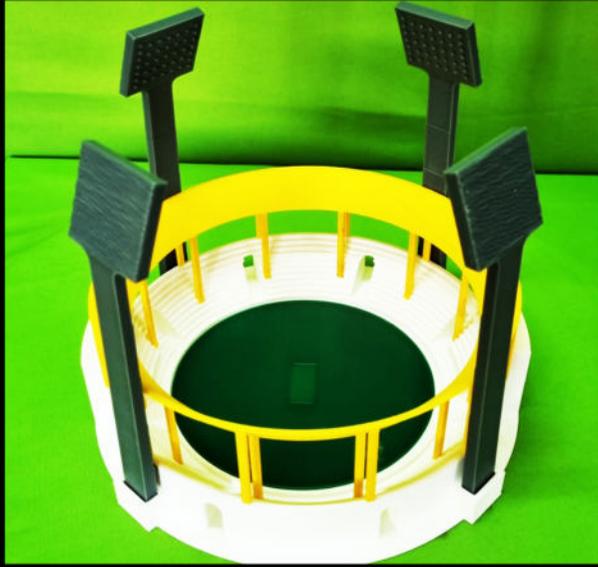
PSG GRD MUSEUM

SCALE MODEL



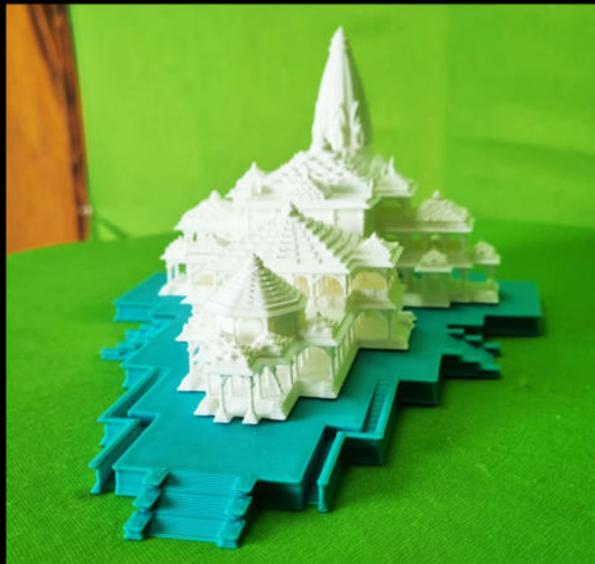
STADIUM

SCALE MODEL



TEMPLE

SCALE MODEL



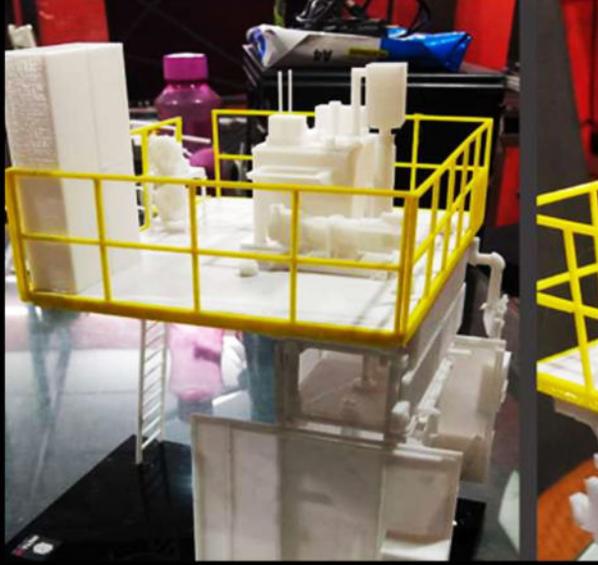
INFRASTRUCTURE

SITE PLAN AND ELEVATION



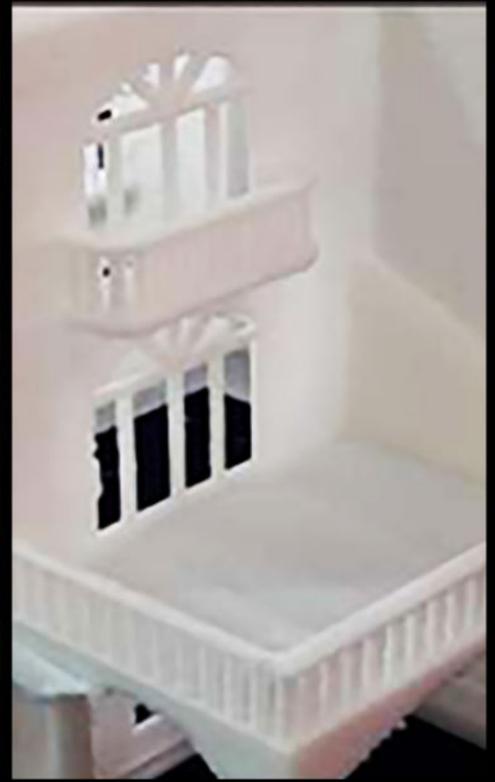
HYDRAULIC PRESS

PRODUCT MINIATURE



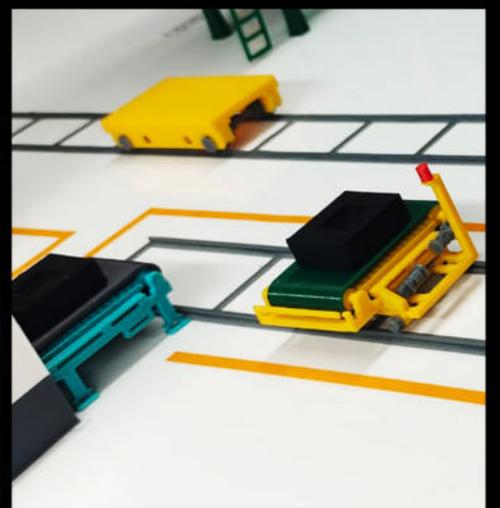
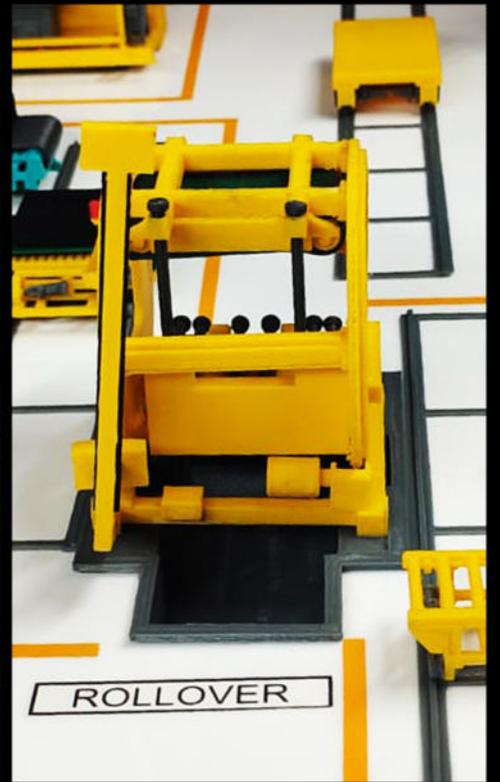
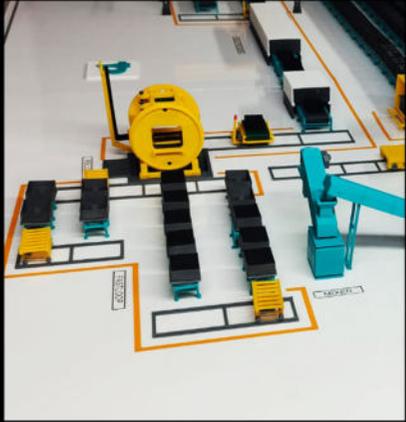
RESIDENCE MODEL

INTERIORS & ELEVATIONS



DHANALAKSMI CONTROLS

P L A N T L A Y O U T



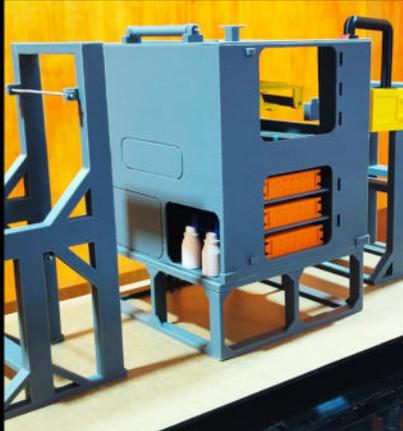
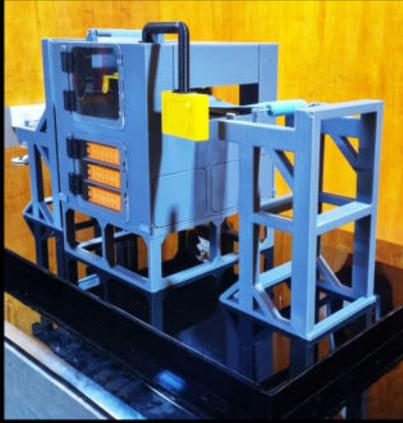
JACOBI

SCALE MODEL



SITRA

SCALE MODEL

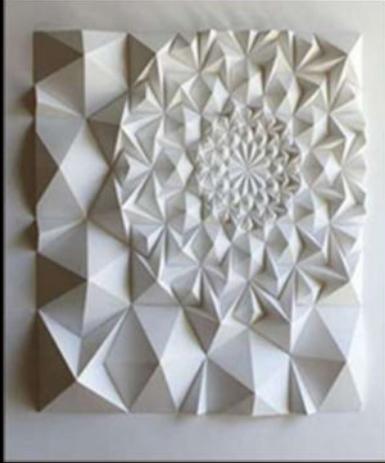


LIGHT FIXTURES

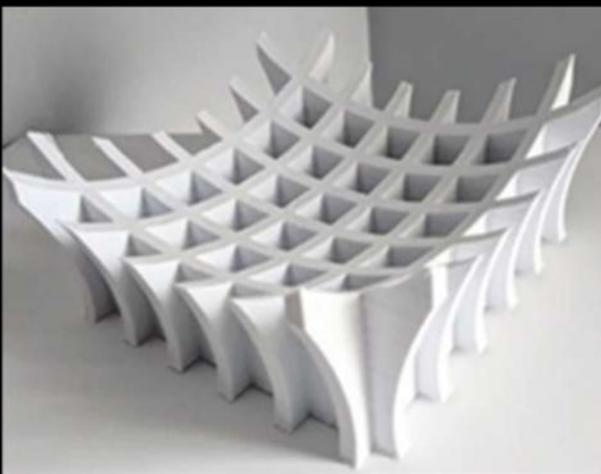
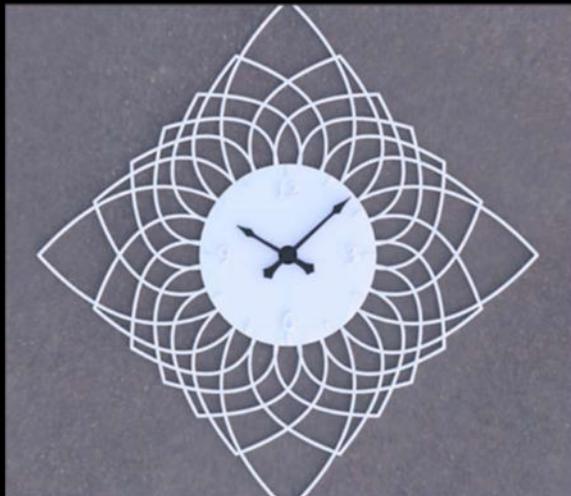
I N T E R I O R S - L A M P



HOME DECORS INTERIORS



HOME DECORS
INTERIORS



HOME DECORS & PROTOTYPES

MINIATURES



COMPANIES THAT HAVE COLLABORATED WITH US!

 Dhanalakshmi controls and Equipments	 YALI STUDIOS PVT. LTD.	 Jacobi GROUP	 INDO TECHNOLOGY <i>Automate and Monitor to Lead</i>	 PROJEKT MOTORRAD	 AK INFOPARK PRIVATE LIMITED	 LAKSHMI ENGINEERING WORKS	 Aster MIMS <i>We'll Treat You Well</i>
 VJP™ <i>Mould to perfection</i>	 Classik Cooling Towers	 DNxt Ideas <i>Engineering The Next!</i>	 VISBOT INDUSTRIES	 Illuminato	 ELGI™ Always Better.	 YANHAU	 INDUSTRIAL ROBOTICS <i>www.industrialrobotics.in</i>
 JAYEM AUTOMOTIVES NOTHING IS IMPOSSIBLE	 CUSMAT The Skilling Metaverse	 Curneu™ <i>Care beyond reach</i>	 MACBRO Global Engineering Solutions	 BTP BIG TIME PRODUCTS	 SYNAPSE ROBOTICS	 Ray Dynamics	 SPOTLESS THE ALLCOMPANY
 altran <i>part of Capgemini</i>	 Ghazal Builders & Developers LLP	 CIFT	 BULL	 MAG™ beyond quality	 REL REVATHI EQUIPMENT LIMITED	 BOSCH Invented for life	 ADVAITH LAKSHMI INDUSTRIES LIMITED <i>"We Commit and Stay Committed"</i>
 KOB Pioneer in medical textiles	 AMRITA VISHVA VIDYAPITHAM UNIVERSITY	 Vijayalakshmi Home Appliance <i>Building a Lifetime</i>	 Vtail Commerce	 PRECIMEASURI Protection and Beyond.	 PREMIER	 happypo	 Livia Polymer Products Pvt. Ltd. <i>Pioneering Packaging Innovation Since 1999</i>
 VTec	 VERTEX RESEARCH CENTRE	 ELEGANCE engineering	 Tropicana	 ONC TECHNOLOGIES PVT. LTD.	 MontBleu Technologies	 Apex Precitech	 SUSIN <i>energy ahead...</i>
 PRECOT MERIDIAN	 V-GUARD	 medsby <i>The meds next to you</i>	 PSG iTech	 WILD TIGER	 TEJAS TECHNOLOGY & TRAINING	 ATATRI Make your Imagination	 TekQuad ELECTRONICS SOLUTIONS <i>Joy of innovation</i>

★★★★★ CLIENT TESTIMONIALS ★★★★★

“

The printing is very accurate. I print my robotics models regularly here. Till now I have never faced any problems with the quality and time of delivery. The customer service is also very friendly and helpful. They guide us incase we have doubts.

★★★★★



JOSEPH KOHILAN

“

Thanks insta3D for your great service... with the new technology which created different and modern designs of its products.. we can get it from our concept designs too.. I hope it will keep reach in to more people...

★★★★★



ALDRIN CHERIYAN

“

It was an ultra smooth experience for me, to get my thing done. I just told them the idea, and they came up with the design and got it 3D printed with all the corrections in just 3 days! The cost was nominal and would definitely recommend them. Sai, you were very friendly!

★★★★★



GOVARDHANAN D

“

Response is good. They value the customer opinion and design the product accordingly. Quality is up to the mark. They deliver the product within the given timeline. Overall a recommended place for 3D models.

★★★★★



Archana Rajaravindiran

“

It was really an great experience with iNSTA3D. They were very friendly with us and had the patience to know about our idea and model which was a bit complicated, but they planned it all out perfectly and gave it to us ij its best way possible. Thank you Guys !!

★★★★★



ARUN JOSHY

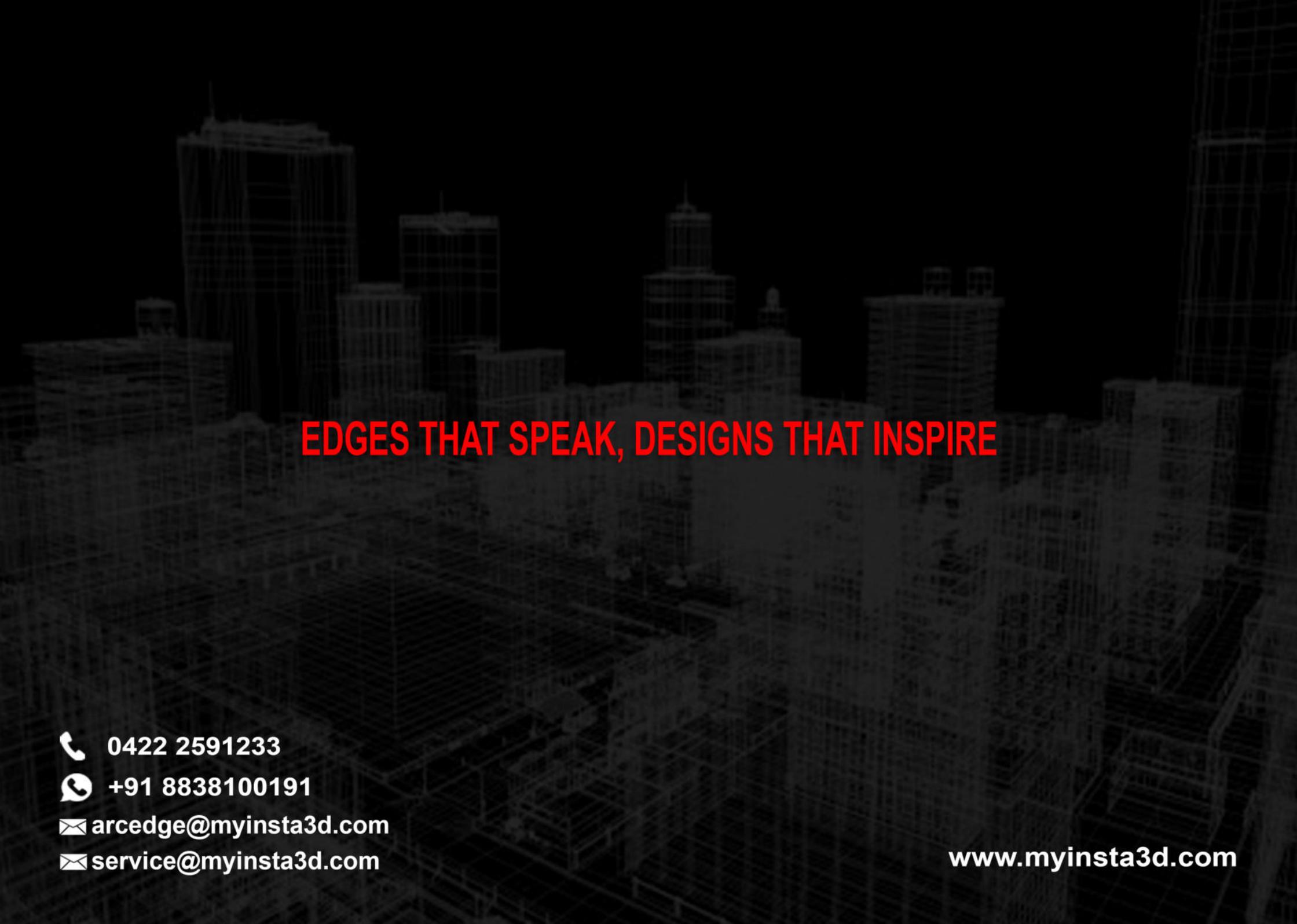
“

Excellent service and quality. Best 3D printing company in coimbatore. A team of young engineers. Great initiative. Hearty wishes and congratulations.

★★★★★



BALA KRISHNAN



EDGES THAT SPEAK, DESIGNS THAT INSPIRE

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