

BUSINESS CATALOGUE



IMAGINATIONS INTO REALIZATION

Passion • Quality • Innovation

3D Models | 3D Print | Techno Interiors



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WELCOME To Fraxus

The world is a place of beauty and imagination. FRAXUS started with a dream of improving the scope of imaginations in professional practice. We create LIVE MODELS of a vast variety of projects ranging from architectural building models to product design prototypes.

FRAXUS specializes in miniature design and 3D printing. Our innovation lies in the company's technological prowess that reduces the complexity and manufacturing time of miniature modeling while keeping the accuracy and precision at best possible levels. Unmatched 3D printing quality and professional expertise make us unparalleled in today's market.

About Us

FRAXUS SOLUTIONS PVT LTD is a registered start-up under MSME and recognised by startup India. We have been working in designing and prototyping for quite a signification time now and have served some of the largest organisations and industries of the country. As a company with young thoughts and new approach towards work culture, we have provided excellent results for our clients. Work ethics and proper channelling of tasks makes us smart professionals who can be trusted with intricate important tasks.

As we advance in our journey, you could provide us with an unparalleled opportunity to take us closer towards our dream.

Thank you for the time!





Mission

To set up a 3D Printing and 3D Modelling retail chain that suffices the need for India's designing and prototyping jobs. We want to set up an industry that would cater to all levels of 3D printing requirements from children's educational dummies to gift items to industrial casting. Along with this we would be developing extensive modern interior solutions under our techno interior venture.



Vision

The vision is simple and straight- promoting technological advancements that make life easier and better. Our 3D prints would cater to a large and widely diverse audience that would reap benefits of this exceptional invention. 3D printing would be a boon to education and healthcare sectors providing ingenious solutions to complex real life problems. We would love to be a contributor to the future India which shines brighter than any other civilisation on the globe.



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The NAME should
Last as Long as
The History is told.

COMPANY

Overview



01

3D Printing

02

3D Physical Models

03

Micro Designing

04

Product Designing

05

Working Models

06

Techno Interiors

07

Electronic IP Casting

08

Sculpture Molds



WE HELP The Industries

- Architecture & Construction
- Dental & Orthopaedic
- Computer Manufacturing
- Electronics
- Art & Sculpture
- Fashion Designing
- Automobile Manufacturing
- Virtual Reality Experience Centers
- Marketing

3D

Printing

3D printing or additive manufacturing is a process of making three dimensional solid objects from a digital file.

The creation of a 3D printed object is achieved using additive processes. In an additive process an object is created by laying down successive layers of material until the object is created. Each of these layers can be seen as a thinly sliced horizontal cross-section of the eventual object.

3D printing is the opposite of subtractive manufacturing which is cutting out / hollowing out a piece of metal or plastic with for instance a milling machine.

3D printing enables you to produce complex shapes using less material than traditional manufacturing methods.

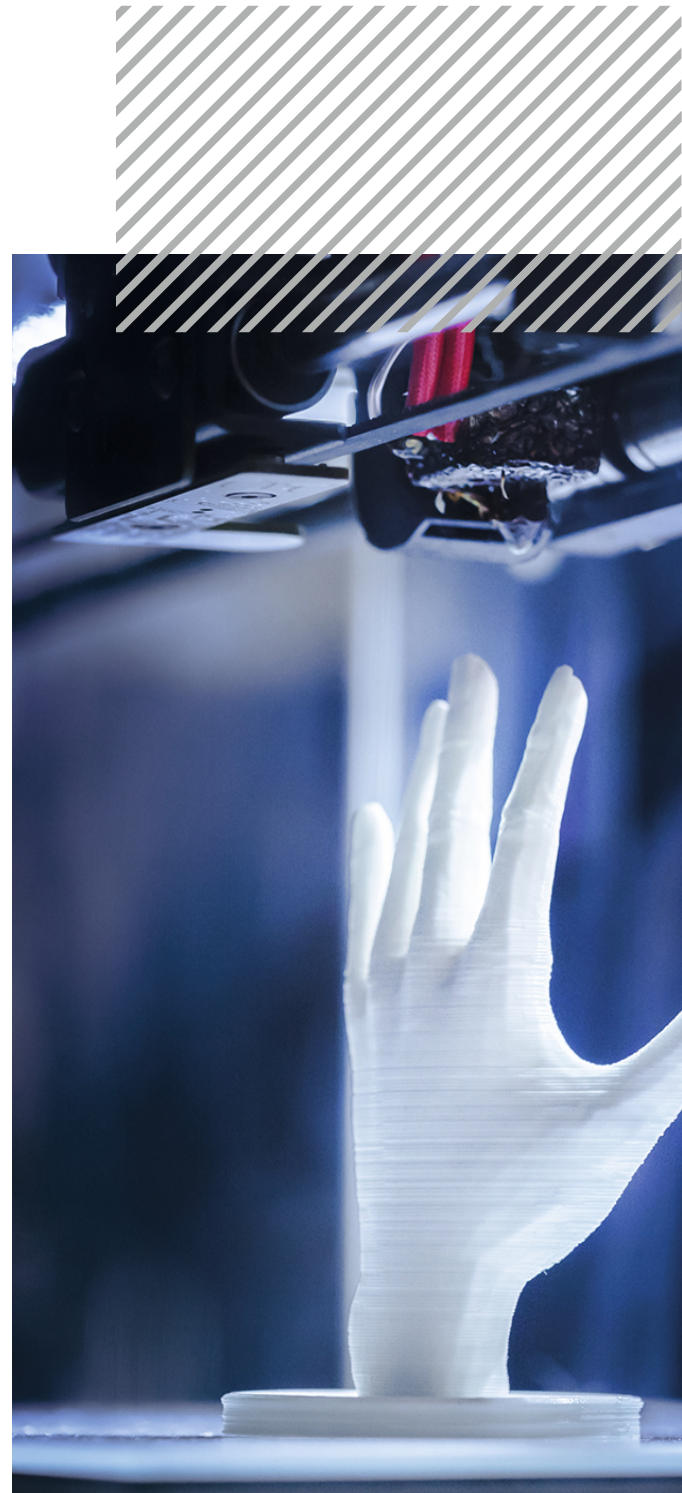
Technologies:

FDM Printing

Fused Deposition Modeling (FDM), is an additive manufacturing process that belongs to the material extrusion family. In FDM, an object is built by selectively depositing melted material in a pre-determined path layer-by-layer. The materials used are thermoplastic polymers and come in a filament form.

Applications

- Architecture & Construction
- Medical
- Fashion
- Automobiles
- Electronics
- Robotics
- Gifting
- Rapid Prototyping
- Casting & Moulding

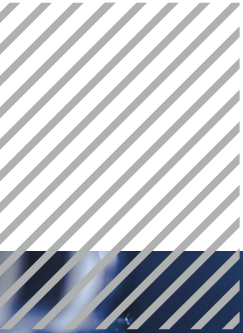


Resin (SLA) Printing

Stereolithography (SLA) is a 3D printing process that uses a laser to cure photopolymer resin layer by layer. SLA is best suited for producing small, smooth parts with fine details to a high level of accuracy.

Applications

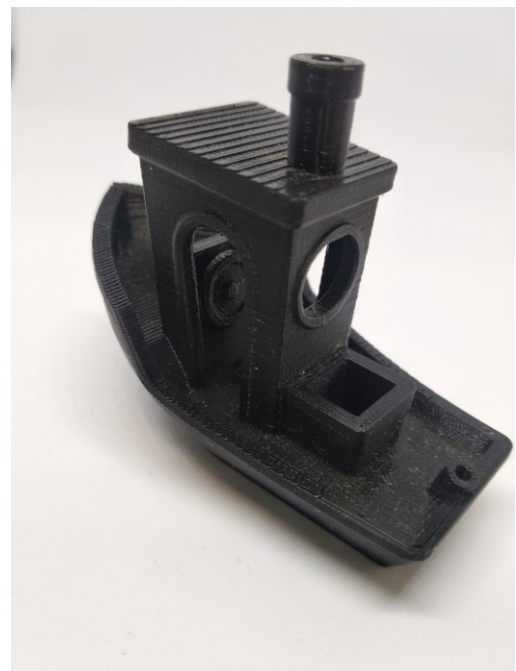
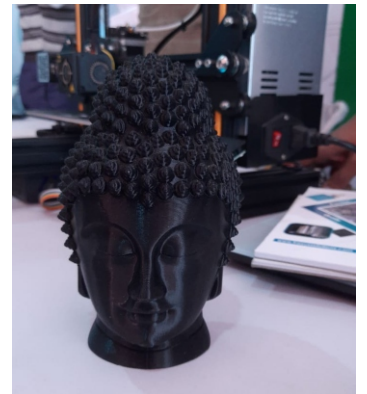
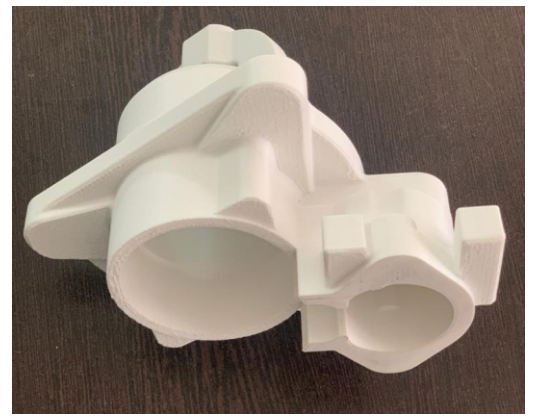
- Jewellery
- Dental Treatment
- Miniatures
- Casting & Moulding



Mankind has always perceived its surrounding universe in a three dimensional frame. But for a majority of our 2.5 million years of existence we haven't precisely expressed our thoughts through three dimensional objects and have settled lowly for it with two dimensional depictions. **3D printing is the most revolutionary step in the human perception History...**

This technology, for the first time has led us to easily transform our **thoughts into reality** in a physical manner which is accurate, easy and instantaneous. Give us the responsibility of converting your ideas to life, our 3D Printers await you with glittery eyes!





3D PHYSICAL Models

Scaled Physical models help achieve the purpose of demonstrations and understanding of larger complex structures/machineries/designs etc. These are descriptive replicas of the existing projects. The models are also used to take insights into proposed projects to give an overall view of how it will look in reality upon completion. Since this service finds use in a variety of sectors, it becomes a very customised process and requires special preparation and attention to detail everytime we take on a new job in hand!

Technologies:

CNC Laser Cutting

CNC Router

Materials:

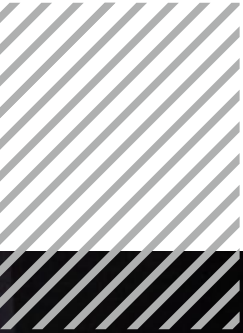
Thermo-Plastic

Wood

Medium Density Fiberboard

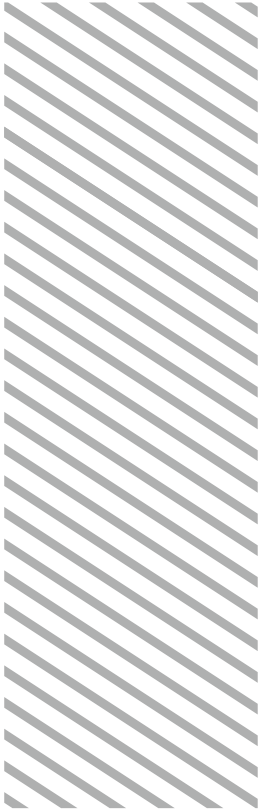
Acrylic





Types:

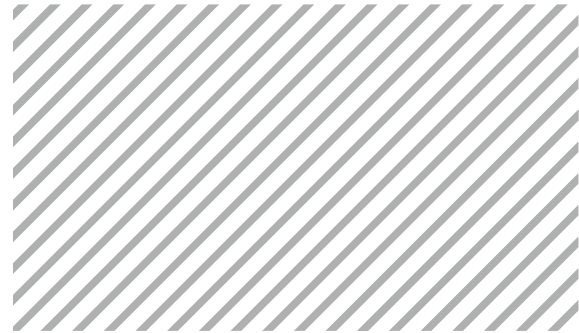
- Industrial Models
- Architectural Models
- Site Layouts
- Landscaping Models
- Working Demonstration Models
- Construction Models
- Sectional Models





TECHNO

Interiors



Making lives better is the soul vision of our company and what makes a more direct impact on human lives than the building spaces they live in.

Techno interiors is our dream venture to integrate high end technology into home/office/building designs for increased levels of comfort and optimum performance.

This service will look after user experience by memorising personal preference of the users, changing the space parameters as per customised user data provided by different people sharing the same space simultaneously or at different times.

The parameters that would take alterations would be room temperature, room lights (in accordance with what time of the day it is), music, smart furniture and window shades and blinds.







THE ONLY WAY TO
DO GREAT WORK
IS TO LOVE
WHAT YOU DO

MEET OUR TEAM



AKASH BANSAL
Co-Founder



PRATYUSH SONI
Co-Founder



SIMRAN KESHRI
Customer Relations



VIKAS ANAND
Product Designer



SUSHANT KUMAR
3D Designer



CHOGARAM GOYAL
Project Manager



SUSHIL SHARMA



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