

## Home

We at InfinityAM are one of the pioneers into provision of customized 3d printed prototypes which are used for product designing, engineering, product modeling, visual analysis and reverse engineering before mass production. Owing to which we can serve into educational, medical, hospitality, domestic and service domain.

Here we at InfinityAM provide a basis for many of our clients to save their massive pre-production costs, tooling costs and provide them basis for considering sample 3D printed product for all of their pretesting and examination purposes. The main purpose of our existence is basically to serve the needs of our esteemed clients and to build a professional bridge between their needs.

We at InfinityAM believe in serving our client needs keeping their interests and pointers on priority while keeping the quality first.

## About Us

InfinityAM is a Pune based organization founded under strong vision of Mr. Sanket Vasant Sawant. He is motivated to bring the latest and the newest method of manufacturing in today's market in order to increase the production flexibility and offering the customized products to customers. InfinityAM is a one-stop solution for all your 3d printing requirements having in house facilities for idea or concept, Preproduction, Designing, 3D Printing, Post-process, Quality Testing or Assurance and Training.

## Mission

Our Mission is to become one of the pioneer in provision of Additive Manufacturing and 3D printing solutions in the market.

## Vision

Our vision is to provide the best quality 3D printing products and services at comparative rates in the market keeping the quality on priority.

## Policy

- Serving needs of our clients
- Keeping their interest first
- Service Mentality

## Working Process

- **Product Requirement Gathering**  
This is the very first stage of initiating the process where in which we try to find out what kind of purpose is and what exactly is the application is.
- **Selection of Material**

This is the second stage wherein which based on the application and the purpose of use and multiple environment parameters the material is selected which can be a best suit for purpose.

➤ **Customization / Drafting**

Post getting the understanding of the application and the purpose rough draft of the product or the component is eradicated. Also this is the most preliminary stage of drafting where the dimensions of the product are fixed or confirmed. This phase is either completed with aid of software's like AutoCAD or Creo or Coral Draw.

➤ **Modelling**

This is the most important stage after completion of drafting where in which the other dimensions are finalized, also this stage gives us an idea how the product will look post its printed. One will get to see the isometric view of the product with help of software tools like Catia/ Unigraphics or AutoCAD or Coral 3D.

➤ **3D Print**

This involves the most important stage where in which the actual product is printed based on the inputs given to the printer.

➤ **Post Processing / Inspection**

Post completion of the printing of there are any flaws or necessary checks then those are considered and concluded.

➤ **Testing**

This is the final step involved where in which the product which is printed is ready for the purpose of use and application.

## **SERVICES**

### **1. Prototyping**

Prototyping is a method of developing a concept model for development of a new product. It is an essential process followed by product designers to study the aesthetics and user friendly ways before going to mass production. This helps in testing and evaluating the product's problem solving ability. Creating a prototype will help you get clear expectations of your audience, take the approval from the stakeholders, take their feedback, make changes and iterate the process until you have a clear vision of the correct product demand that needs to be built as the final product.

### **2. Miniature Printing**

Miniature printing is a service offered here at InfinityAM where in which we study the aesthetic aspects of a persons or an objects photo or a graphic image post which we develop a miniature of the same. For example, miniature dolls or miniatures of actor / actress or superheroes.

### **3. 3D Printed Toys**

In this growing world of technology 3D printing provides a basis for development of new contours and complex objects which serves as a basis for printing of newest and the latest toys.

4. Scientific Models

With aid of this newest and the latest technology we are able to develop new scientific models for schools and colleges apart from this some of the models include turbojet, Human Skeleton, IC Engine and other models. Also these 3D models provide basis for development of the education sector in improving their lectures and classes.

5. Medical Equipment

3D printing has served as a basis for expansion of the medical field rapidly to revolutionize the medical sector. There are lot many applications of 3D printing in safety equipment like face shield, face masks and vaccine caps. Also it is used in creation of different implants in human body too.

6. Home Décor Items Printing

Apart from all of the other applications now a day there is lot more scope of use of 3D printing in home decors too where there are various applications like partitions, wall mounts and flower vase or frames etc.

7. Corporate Gifting

We at InfinityAM always try to give something original to our customers which is somewhere out of the box. Where we provide a best platform for gifting where we are specialized in developing branding corporate gifts like Pens, Phone Cover, Earbud holder, Pen stand, keychain etc. with a brand logo or name.