

# SERVICES

Offered @ Additiv Corp.

## Metal 3D Printing

Part Consolidation  
New Material Development  
Process Parameter Optimisation

### Where it can be used ?

Automotive  
Maritime Industry  
Aerospace & Defense  
Healthcare and Medical Devices  
Mould Tooling - Conformer Cooling Channel

## Polymer 3D Printing

### Where it can be used ?

Robotics  
Electronics  
Food Industry  
Mechanics - Prototyping  
Architecture & Construction  
Healthcare & Medical Devices

## Other Services

Vacuum Casting - Prototyping & Small Batch Production  
Reverse Engineering

### Biomedical Implants

TKR, Hip Replacement, Craniofacial Implants,  
Maxio facial Replacement, Tissue Regeneration



Consultation



Product  
Development



Testing

Additiv Corp. is a service provider in the domains of Metal & Polymer Printing. We have a separate wing for Product Development with alignment towards Design Thinking. It also provides DfAM & Reverse Engineering Services.

# Ac

ADDITIV CORP.

INDIA'S FIRST REVOLUTIONARY  
ADDITIVE MANUFACTURING COMPANY

# Ac

ADDITIV CORP.

REDEFINING MANUFACTURING

Services Brochure

Welcome to  
SKM's  
Additiv Corp.



SKM Groups

Estd. 1993

Ac  
ADDITIV CORP.

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Thanjavur, Chennai & Bangalore

SKM's Additiv Corp.  
Estd. 2020

# DESIGN SERVICES

# PRINTING SERVICES

## PRODUCT DEVELOPMENT



### Understanding the Problem

Most of the products fail due to improper customer understanding, we help you refine the problem stated by the customer & meet the expectations.

### Conceptual Design

Ideation is the most complex stage of product development, we help you ideate creative solutions which are novel & out of box.

### Embodiment Design

Bringing the parts together and making them interact is an engineering marvel. We help you apply right principles at right interfaces.

### Prototyping & Production

Detail Design is a communication language to the manufacturer. We at A.Corp. are trying to reduce the efforts put into the process by additive manufacturing and also to facilitate large batch production.

### Design for Additive Manufacturing

DfAM optimised parts will be lighter, higher performing, faster to build and therefore more cost-effective than direct replacements or adapted designs. If you fully embrace the capabilities of Additive Manufacturing, then you can develop products with market-leading performance and a compelling business case.

Most of the Design Principles are associated with Subtractive Manufacturing. Thus, we help you with DfAM principles for optimising additive manufacturing of both Metal and Polymers.

### Reverse Engineering

Reverse engineering plays a significant role in manufacturing & healthcare.

### Manufacturing

When parts run-out of bulk production & documentation (Detail Design) is missing. Existing parts can be reverse engineered to remanufacture the non-existent parts.

### Health Care

Damaged body parts can be scanned, modelled and additive manufactured according to custom requirements.

### For Enquiries Contact

info@additivcorp.co.in  
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Consultation



Product  
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Testing

### Metal Additive Manufacturing

Direct Metal LASER Sintering (DMLS)  
Selective LASER Melting (SLM)

### Polymer Additive Manufacturing

Polyjet  
Stereolithography (SLA)  
Selective LASER Sintering (SLS)  
Fused Deposition Modelling (FDM)

### Materials

#### Polymer

ABS  
PLA  
ULTEM  
PC & PP  
Nylon (PA)  
Nylon Glass Filled

#### Metal

IN718 - Nickel Alloy  
CuNi2SiCr - Cu Alloy  
SS316 - Stainless Steel  
Ti6Al4V - Titanium Alloy  
Tool Steel 1.2709 - Fe Alloy  
AlSi10Mg - Aluminium Alloy

### New Material Development

We have a separate wing for new material development for custom requirements & confidential applications. Metal additive manufacturing majorly has proprietary materials from different machine manufacturers & technologies. We help you in developing custom materials for the existing technologies & machines.

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