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Global 3D Printing Market Size study, by Component (3D Printers, 3D Printing Software, Services) by Technology (Stereolithography, Fuse Deposition Modelling (FDM), Selective Laser Sintering (SLS), Direct Metal Laser Sintering (DMLS), Electron Beam Melting (EBM), Digital Light Processing (DLP)) by Application (Prototypes, Tools & Fixtures, Production Parts) by Industry (Automotive, Healthcare & Medical Devices, Aerospace & Aeronautics, Consumer Goods, Industrial) and Regional Forecasts 2021-2027

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Abstracts

Global 3D Printing Market is valued approximately USD 13.21 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 20.5 % over the forecast period 2021-2027. 3D printing is a computer-assisted technique for producing accelerated prototypes and usable end-use components. It converts virtual designs from CAD software into thin, virtual, horizontal layer-wise cross-sections before the model is finished. It is a product creation and distribution process that is more innovative, simpler, and agile. Additive manufacturing is transforming from a prototyping technique to a practical aspect of fabrication, thanks to rapid advances in material structure, such as the new use cases of polymers and metals. New fabrics, shorter lead times, and advanced finishes are allowing the technology to be incorporated into production processes while adhering to requirements (FDA, ASTM, and ISO). Various technical advances, such as artificial intelligence (AI) and machine learning (ML), are also boosting the adoption of 3D printing devices, as these innovations allow automated printing for more effective manufacturing. For instance, Additive Manufacturing

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Technologies (AMT), headquartered in the United Kingdom, debuted the latest Digital Manufacturing Systems at Formnext 2019 in November 2019. It makes use of AMT's patented technologies to provide an integrated and digital approach for the entire production process. Governments all over the world have begun to invest in 3D printing research and development, which has aided in the spread and acceptance of the technology. The Dutch government, for example, invested an extra USD 150 million in 3D printing-related research and development. The market is expected to expand due to aggressive R&D in three-dimensional printing (3DP) and rising demand for prototyping applications from various industry verticals, especially healthcare, automotive, and aerospace and defence. However, high costs incurred on printing small and complex parts impede the growth of the market over the forecast period of 2021-2027. Although, rising need for customizations across different industry verticals presents a lucrative opportunity for the market.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are included in the geographical review of the global 3D Printing industry. Because of the widespread use of additive manufacturing in the region, North America is the world's leading region in terms of market share. Asia-Pacific, on the other hand, is expected to rise at the fastest pace between 2021 and 2027. One of the major drivers driving market growth in the area is the increasing demand for personalized services across industry verticals. Furthermore, strategic measures taken by national governments, especially in China and India, are assisting in the development of a sustainable additive manufacturing ecosystem, which will provide lucrative growth opportunities for the Asia-Pacific 3D Printing industry.

Major market player included in this report are:
3D Systems, Inc.
Stratasys
ExOne
SLM Solutions
Voxeljet
Protolabs
Nano Dimension Ltd.
Renishaw Plc
Nanoscribe GmbH
Optomec Inc.
The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within

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each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:
By Component:
3D Printers
3D Printing Software
Services
By Technology:
Stereolithography
Fuse Deposition Modelling (FDM)
Selective Laser Sintering (SLS)
Direct Metal Laser Sintering (DMLS)
Electron Beam Melting (EBM)
Digital Light Processing (DLP)
By Application:
Prototypes
Tools & Fixtures
Production Parts
By Industry:
Automotive
Healthcare & Medical Devices
Aerospace & Aeronautics
Consumer Goods
Industrial

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

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Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global 3D Printing Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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