



Scholars Research Library

European Journal of Applied Engineering and  
Scientific Research, 2020, Volume 8 issue 2

## Announcement- 3D Printing and Additive Manufacturing

---

*“4th International Conference on 3D Printing and Additive Manufacturing” will be held in Paris, France during May 21-22, 2021. Major attractions of this event would revolve around keynote presentations, oral presentations and poster presentations. This year we are focusing on the theme “3D Printing: The manufacturing technology that will change the world”. The term “3D printing” is progressively utilized as an equivalent word for Additive Manufacturing. It transforms digital 3D models into strong solid by structure them up in layers. The innovation was first invented during the 1980s, and since that time has been utilized for rapid prototyping (RP). 3D Printing has been applied in engineering and healthcare since the beginning of 20th century. For the manufacturing of custom prosthetics and dental inserts, it was first utilized and after that on wards the medicinal applications for 3D printing has advanced essentially. 3D printing is the path towards making cell structures in a limited space using 3D printing innovation, where cell limit and suitability are spared inside the printed construct. 3D printing adds to huge advances in the medical field of tissue engineering by allowing for research to be done on innovative materials called biomaterials. 3D bio printers are streamlined to have the capacity to print skin tissue, heart tissue, and veins among other essential tissues that could be appropriate for surgical treatment and transplantation. This innovation is utilized in the fields of adornments, footwear, mechanical structure, design, engineering and construction (AEC), automotive, aviation, dental and medical industries, education, geographic data frameworks, structural building, and numerous others.*

### **Market analysis:**

*The 3D printing market was esteemed at USD 10.58 billion out of 2018, and is relied upon to arrive at an estimation of USD 49.01 billion by 2024, at a CAGR of 29.48% over the forecast period 2019-2024. Toward the finish of 2018, America Makes declared it was granting USD 1.6 million to a joint undertaking between Arizona State University and the ASTM International Additive Manufacturing Center of Excellence. In the prior months of 2019, the project aims to advance post-processing methods for SLM parts. With technological advancements and product innovations, use of 3D printing technology has found various application in a wide variety of areas, such as jet engines, advanced prosthetics, and even living tissue (with a potential to disrupt the entire manufacturing industry). 3D printing materials have noteworthy development in Middle East locales. Different 3D printing assembling organizations have seen setting-up in the Middle East locales during the most recent couple of years. It's demonstrating that the pattern is probably going to proceed throughout the following 10 years with the accessibility of minimal effort crude materials alongside expanding assembling yield in these areas.*

**Key highlighting Sessions:**

*Digital Light Processing (DLP) 3d printing, Impact of 3D printing on manufacturing industry, Advances in 3D printing & additive manufacturing, 3D printing materials Innovations in 3D printing, 3D printing in space and aerospace, Applications in health care & medicine, 3D printing in automotive industry, 3D printing in biomaterials*

*In 2019 we had successfully “3rd International Conference & Expo on 3D Printing Technology & Innovations” during March 25-26, 2019 in Rome at Italy with 6 Organizing Committee Members and 30 Renowned Speakers. Our key note speakers were Miroslav Piska from Czech Republic, Soshu Kirihara from Japan, José L Ocaña from Spain. And the conference highlights were Applications of 3D Printing in healthcare & medicine, Advances in 3D Printing & Additive Manufacturing Technology, Benefits of 3D Printing and Technology, Innovations in 3D Printing, 3D Printing Technology Impact on Manufacturing Industry, 3D printing in Biomaterials, 3D Printing Materials, Polymers in 3d printing, Tissue and Organ printing. The theme of the conference was ‘Showcasing the future of 3D Printing in Engineering and Medicine’.*

*Your rejoinder is our inspiration; keeping this motto in our mind we would be happy to welcome you at our upcoming International Conference on 3D Printing and Additive Manufacturing will be held in May 21-22, 2021 Paris, France.*