

# A Review Paper on 3D-Printing Processes Used in the 3D-Printing

**Prof. H. S. Derle, Prof. S. D. More, Prof. P. P. Thakare, Prof. Chetana Purkar**

Lecturer, Mechanical Engineering Department

Guru Gobind Singh Polytechnic, Nashik

**Abstract:** *The use of 3D printing In the future, devices will become more and more popular, as will the different materials used in 3D printing and their characteristics. 3D printing employs a layering technique in computer-aided design to produce three-dimensional objects. These days, 3D printing is used all over the world. The use of 3D printing technology is growing in the automotive, locomotive, aviation, healthcare, and agricultural sectors for mass customization and production of any kind of open source design. The first step is to explain what 3D printing is, how it works, and its importance. We research the 3D printing process and the materials used to create 3D printed items, choosing the best materials that are appropriate for 3D printing machine*

**Keywords:** 3d-Printing; Additive Manufacturing and Rapid Prototyping