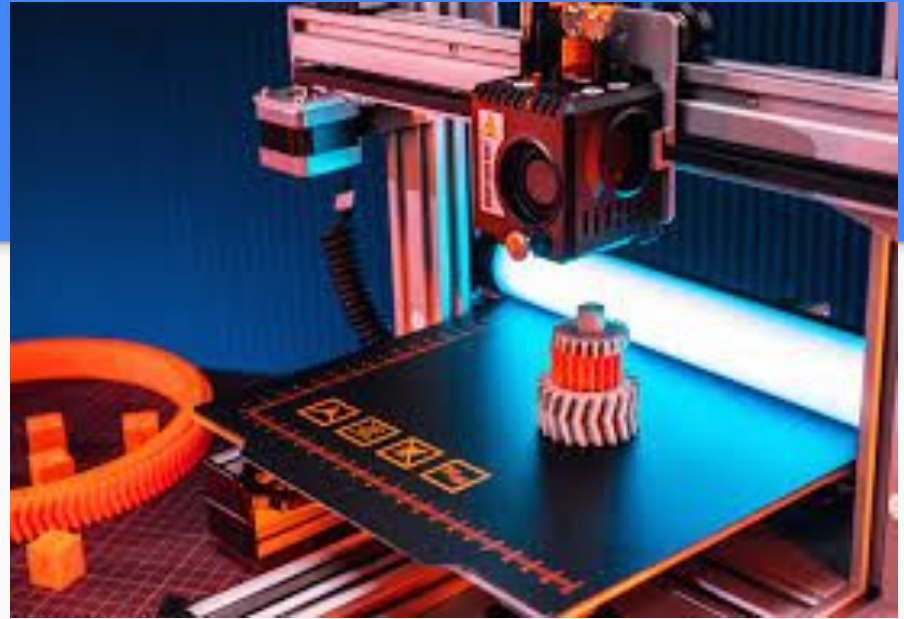
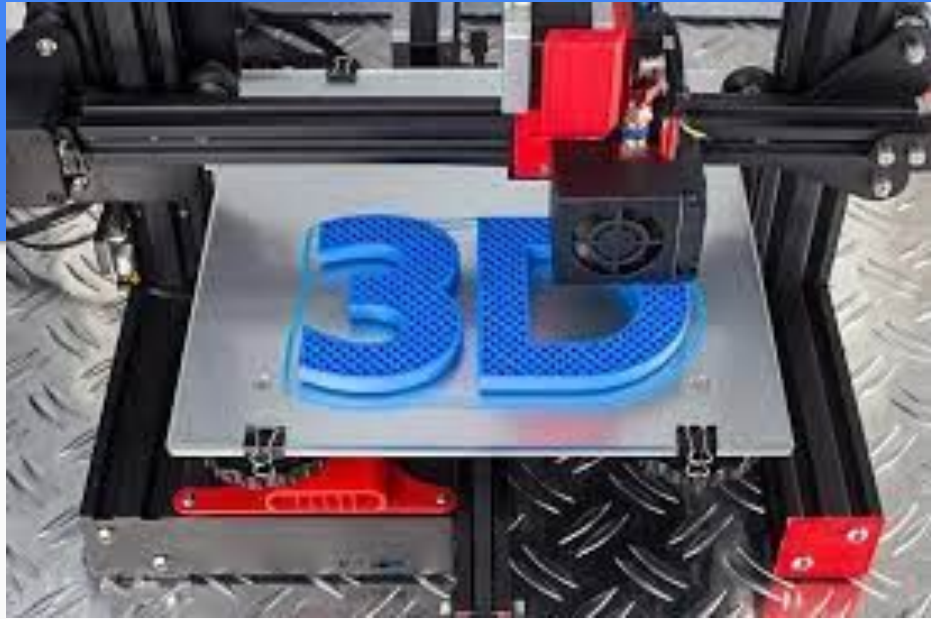


Module 3: 3D PRINTING

3D printing



Key aspects of 3D printing:

1. Additive Process
2. Materials
3. 3D Models
4. Types of 3D Printing Technologies

Types of 3D Printing

Technologies: There are several 3D printing technologies, each with its own characteristics and advantages. Some common types include:

- Fused Deposition Modeling (FDM)
- Stereolithography (SLA)
- Selective Laser Sintering (SLS)
- Binder Jetting
- Metal 3D Printing

Applications: 3D printing has a wide range of applications across various industries:

- **Prototyping:**
- **Custom Manufacturing:**
- **Aerospace:**
- **Healthcare:**
- **Automotive:**
- **Art and Design:**
- **Construction:**

Benefits

Challenges

Used cases in 3D Printing