

Introduction:

(Visuals of 3D printer)

Narrator: Hello viewers, Welcome to this fascinating video on 3D printing! In this video, we will take a deep dive into the world of 3D printing, So, sit back, relax, and let's explore the exciting world of 3D printing together!

(Visuals of an object printed by a 3D printer)

Narrator: We can create incredible things with 3D printing technology From prosthetic limbs to architectural models to customized fashion accessories and this rabbit.

Body:

(Visuals of various parts of a 3D printer)

Narrator: A 3D printer is a complex piece of machinery that consists of various components Let's get introduced to some important parts of a 3d printer.

(Visuals of print bed)

Narrator: The print bed is where the object is built and it must be flat, level, and have good adhesion properties

(Visuals of filament roll)

Narrator: next we have a filament roll. The filament is the raw material that is used to build the object

(Visuals of extruder)

Narrator: The extruder is responsible for melting and depositing the material used for 3D printing, such as plastic filament or resin.

(Visuals of Power Supply)

Narrator: The power supply provides the power needed to run the 3D printer.

(Visuals of LCD screen)

Narrator: The LCD screen is used to control and monitor the printing process, displaying information such as temperature, speed, and progress. we need to turn it on before navigating.

We use the screen to access the menu and start the printing. Once the print is complete, the LCD screen will display a message indicating that the print is finished

(Visuals of 3D printing)

Narrator: The print bed and the extruder needs to be heated up to the correct temperature to ensure that the printed object adheres to the bed and melts the material.

When the printer receives the data it pulls the material through the nozzle, melts, and deposits it to the plate where it instantly cools.

Conclusion:

(Visuals of finished 3D printed objects)

Narrator: After long waits, we get our desired product.

(Visuals of the 3D printer)

Narrator: Thanks for watching this video.