

FRIENDLY ROBOT



WHAT IS ROBOT ?

A Robot is a machine, often computer-controlled, that can perform actions automatically, and sometimes even autonomously. It can be designed to look like a human, but most are designed for specific tasks with a focus on functionality. Robots can be guided by external control or have embedded controls, and they are used in various fields like manufacturing, exploration, and even domestic tasks.





The term "robot" was first popularized by Czech play-wright Karel Capek in his 1921 play, "R.U.R." (Rossum's Universal Robots), where he used the word to describe artificial humanoids. While Capek introduced the word, his brother, Josef Capek, is credited with inventing it. The term "robot" was derived from the Czech word "Robota," meaning forced labor.



India's first indigenously built humanoid robot was AcYut, developed by a team of engineering students at BITS Pilani in 2008. AcYut was constructed from scrap aluminum and old motors. Another notable early example is Manav, India's first 3D-printed humanoid robot, created by Diwakar Vaish at A-SET Training and Research Institute in New Delhi.

What is AI in simple words?

AI Overview

In simple terms, AI (Artificial Intelligence) is about making machines and computers smarter so they can do things that usually require human intelligence. It's like giving them a brain that can learn, understand, and react to situations. Think of it as the technology that enables machines to "think" and "learn" like humans, rather than just following programmed instructions.