

ROBOTS AND THEIR USING IN OUR EVERYDAY LIFE

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Technology has affected society and its surroundings in a numbers of ways. It help develop more advanced economies and other fields. In today's society, machines are used in everyday tasks and have become an essential part of most people's lifestyle.

Robots and machines should be freely incorporated into our lifestyles, so long as they aren't expected to do work that is more performed by human.

A robot is a mechanical or virtual intelligent agent that can perform tasks automatically or with guidance, typically by remote control. In practice a robot is usually an [electro-mechanical machine](#) that is guided by computer and electronic programming.

Robots never become sick or tired, they don't make errors associated with fatigue and so are ideally suited to performing repetitive tasks.

A robot's computer "brain" tells it what to do. Of course, these machines cannot really think as people do. A robot's "brain" is a computer. People must plan every step of an action they want a robot to do. Then they write a set of instructions, called a program, for the robot's computer. The computer follows these instructions and makes the robot's body move. Television cameras act as "eyes" and send pictures to the robot's computer brain.

Robots will likely continue to impact various aspects of our lives, and scientists and philosophers continue to debate the possibilities for the human race.

Robots can go where people cannot. The two landers that visit Mars are also a kind of robots, signals from Earth controlled them and robots took pictures of the planet and tested its soil. Space-based robotic technology at NASA falls within three specific mission areas: exploration robotics, science payload maintenance, and on-orbit servicing.

Robots can help people become better doctors and nurses. For example, a robot can be a "real patient" on the operating table. Some robots are programmed to act as a real person would when given certain medicines.

Robots can work for disabled people, too. People who cannot move their arms and legs may be able to move their heads to guide a robot that can feed or dress them. Some people may need to wear a robot arm and hand, which can pick up an egg without breaking it. A scientist in Japan is working on a robot "guide dog" for blind people. A talking robot that can read books to blind people is already in use.

People also use robots just for fun. Some amusement parks and restaurants have robots that sing, dance, play the piano, or tell jokes. A few even have robots that bring the food you order.

People even have robots in their homes. Today, though, most of these robots are just costly toys. One day, perhaps, home robots may answer the door, cook the food, or walk the dog.

So, robotics is the branch of technology that deals with the design, construction, operation, structural disposition, manufacture and application of robots. Robotic systems continue to evolve, slowly penetrating many areas of our lives, from manufacturing, medicine and remote exploration to entertainment, security and personal assistance.