

Artificial

1950

Alan Turing
Computing Machinery and Intelligence. He proposed a test to determine whether or not a machine has gained the power to think for itself. "Turing Test" if a human judge can not tell the machine from the human during conversation then the machine passes the test.



1959

John McCarthy and Marvin Minsky start the Artificial Intelligence Laboratory. Minsky has won a number of top awards including: award for research excellence (1991) and the Benjamin Franklin medal (2001)



1998

Tiger Electronics introduces the Furby! It uses a variety of sensors this and can react to its environment and communicate using over 800 phrases in English and their own language "Furbish".



1997

IBM Deep Blue

Richard Greenblatt writes, MacHack, a program that plays chess. World chess champion Gary Kasparov played a game of chess against Deep Blue and lost



1999

SONY releases the AIBO robotic pet. AIBO which stands for artificial intelligence robot is roughly the size of a large puppy and mimics the movements of a real puppy.



2000

Honda debuts new humanoid robot ASIMO. The robot is similar to Hondas P3 but an improved version



2001

The FDA clears the CyberKnife to treat tumours anywhere in the body. The Cyberknife system is the only robotic radio surgery system that utilizes the skeletal structure of the body as a reference.



Intelligence

1962



The first industrial arm robot "The Unimate." It is designed to complete repetitive or dangerous tasks on a motor assembly line. It is designed for high speed motions and handling parts up to 500lbs.

1966

The Stanford Research Institute (later to be known as SRI Technology) creates Shakey the first mobile robot to know and react to its own actions. Shakey used programmes for perception, world modelling and acting.



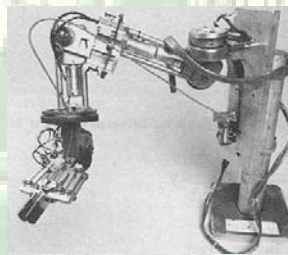
1996

Honda debuts the P3. P3's proportions and positions of the joints were adapted from the human body.



1981

Takeo Kanade builds the direct drive arm. It is the first to have motors installed directly into the joints of the arm.



1977

Star Wars is released. George Lucas' movie about a universe governed by the force introduces watchers to R2-D2 and C-3PO.



2003

June 10th - NASA launches the MER-A "Spirit" rover destined for Mars.



2004

Epson releases the smallest robot Weighing 10 grams and measuring 2.8 inches in height. The micro flying robot is the lightest helicopter.



2005

Cornell University built a self-replicating robot Each robot is a small tower of computerised cubes linked by magnets. The magnets allow the cubes to link up with or detach themselves from one another.

