

6 ASPECTS OF AI

- 1 Simulating higher functions of the human brain.
- 2 Programming a computer to use general language.
- 3 Arranging hypothetical neurons in a manner so that they can form concepts.
- 4 A way to determine and measure problem complexity.
- 5 Self-improvement.
- 6 Abstraction: Defined as the quality of dealing with ideas rather than events.

BUSINESS APPLICATIONS

Uses or Applications of AI

- Finance.
- Hospitals and Medicines.
- Heavy Industry.
- Online and TCS.
- Transportation.
- Video games.
- Military.
- Space science.
- Music



APPLICATION

- ▶ Finance : Banks use artificial intelligence systems to organize operations, invest in stocks, and manage properties. In August 2001, robots beat humans in a simulated financial trading competition.
- ▶ Medicine: A medical clinic can use AI systems to organize bed schedules, make a staff rotation, and provide medical information. AI has also application in fields of cardiology (CRG), neurology (MRI), embryology (sonography), complex operations of internal organs etc.
- ▶ Social Sites: Facebook wants to analyze the way people communicate with one another so that it can add new features to its services or even automatically remove offensive posts that might occur when a high-profile celebrity like Angelina Joli posts a selfie.

APPLICATION (contd.)

Robotics: Robots are physical agents that perform tasks by manipulating the physical world . Robots are manufactured as hardware. The control of robot is AI (in the form of software agent) that reads data from the sensors decides what to do next and then directs the effectors to act in the physical world.

Heavy Industries : Huge machines involve risk in their manual maintenance and working. So in becomes necessary part to have an automated AI agent in their operation.

Education: AI researchers have created many tools to solve the most difficult problems in computer science