

Artificial Intelligence

Dr. P. S. Rajput

Definition

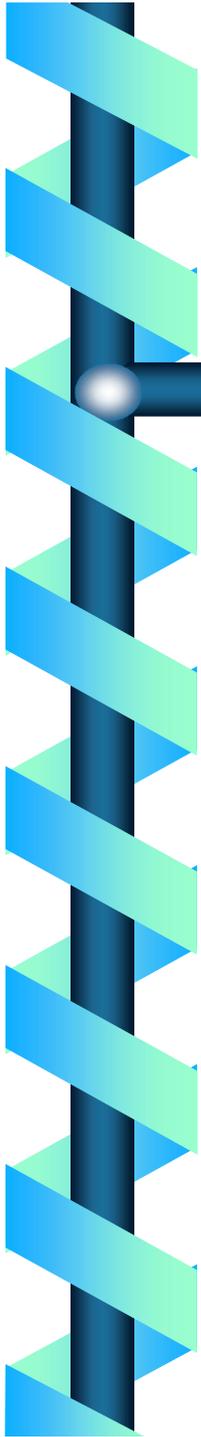
- ⌘ Artificial intelligence means the intelligence that is gathered artificially. – [A.L. Samuel](#)
- ⌘ Artificial Intelligence is a set of computer programmes in which intelligence is shown in the form of its output. – [J. Lederberg](#)

Meaning

- ⌘ Father of AI- Alan Turing “Computing Machinery and Intelligence” – 1936
- ⌘ AI is the ability of a computer program or a machine to think and learn.
- ⌘ AI is the field of study that describe the capability of machine learning just like human and the ability to respond to certain behaviours also known as AI.
- ⌘ Example: Robot

Needs

- ∞ **Speech recognition**
- ∞ **Govt. policies**
- ∞ **Military**
- ∞ **Communication**
- ∞ **R & D**
- ∞ **Education**
- ∞ **Law**



Application Areas

- ∞ Voice recognition
- ∞ Virtual agent
- ∞ Machine learning platform
- ∞ Decision management
- ∞ Robotic process



Significance

- Ω Problem solving
- Ω Learning and Planning
- Ω Arrangement of scattered information
- Ω Accuracy
- Ω Knowledge based system
- Ω Security and save manpower
- Ω Dissemination of information in least time



Thanks