

LITERATURE SURVEY:

During 20th century a brief history of AI can be given as:

1923 – Karel Kapek’s play named “Rossum’s University Robots (RUR)” opens in London, first use of the word “robot” in English.

1945 – Isaac Asimov, alumni at Columbia University, invented the term Robotics.

1950 –Turing Test for evaluation of intelligence was introduced by Alan Turing. Claude Shannon published detailed Analysis of chess playing as a search.

1956 – John McCarthy coined the term Artificial Intelligence.

1958 – John McCarthy invents LISP programming language for AI.

1964 – Danny Bobrow’s thesis at MIT showed that computers can understand natural language well enough to solve algebra word problems correctly.

1979 – The First Computer controlled autonomous vehicle, Stanford Cart was built.

1984 – Dennett discusses the frame problem and how it relates to the difficulties arising from attempting to give robots common sense.

1990 – Major advances in all area of AI:

☐ **Significant demonstrations in Machine Learning**

☐ **Case-based reasoning**

☐ **Multi-agent planning**

☐ **Scheduling**

☐ **Data mining, web crawler**

☐ **Natural Language understanding and translation**

☐ **Vision, virtual reality**

☐ **Games**

1997 – The Deep Blue Chess Program beats the World

Chess Champion, Gerry Kasparov

2000 – Interactive Robot Pets become commercially

available. MIT displays a robot with a face name – Kismet that expresses emotions.