

# ARTIFICIAL INTELLIGENCE: GOALS, TECHNIQUES

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ARTIFICIAL INTELLIGENCE: GOALS,  
TECHNIQUES

**PREPARED FOR**

Engineering Students

All Engineering College

*(AIFE: Artificial Intelligence For Engineering)*

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# ARTIFICIAL INTELLIGENCE: GOALS



# ARTIFICIAL INTELLIGENCE: GOALS

- As we know, AI is the most powerful and fastest growing technology in the whole world.
- AI is a type of artificial consciousness that works on the instructions of human beings.
- Even though Artificial intelligence has been developed by humans.
- But, there is no doubt that AI works more efficiently, better and at less cost than humans.
- That is why AI is now being used in the field of many business industries.

# ARTIFICIAL INTELLIGENCE: GOALS

- AI has come to some extent in our everyday life, but the day is not far when we will start using this technology completely.
- So it is true that AI has a very bright future all over the world.
- In the future, most of the work and many areas will be dependent on AI.
- Along with this, speculations are also being made that it can have a very bad effect on the life of humans.
- So let us now tell you some of the goals of AI, by achieving which this AI technology will reach us soon.

# ARTIFICIAL INTELLIGENCE: GOALS

## 1. Increase decision making power:

- The first goal of AI is to make a thinking machine that thinks like humans.
- Who can solve any human problem by taking the decision by himself.
- AI has also made some achievements in this direction. Recently a female AI Robot (Sophia) was created.
- It has some degree of decision making power and can easily answer any of your questions.
- You will also get to see some such AI concepts in smart devices like Google home, Siri, Alexa etc.

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## 2. Efficiency in work:

- We humans are very lazy in doing any work, due to which we spend a lot of time in completing our work and they also have more mistakes.
- In view of this habit of humans, AI researchers are working very fast in this direction.
- Their basic objective is to make AI such that it can do any task faster with minimum mistakes.

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## 3 .Time-saving:

- Obviously, AI can work much faster than humans.
- Because it is a type of machine, so it never gets tired of working and never takes a break like us.
- In view of this topic, many such AI machines are being made, which will soon replace humans.

# ARTIFICIAL INTELLIGENCE: TECHNIQUES

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# ARTIFICIAL INTELLIGENCE: TECHNIQUES

- AI technology is a method, which uses derived knowledge.
- So that its errors can be corrected. AI technique is a model made from advanced forms of a statistical and mathematical model.
- These models make it possible for a computer or machine to calculate the tasks that are performed by humans.
- Some examples are:
  - ❑ Artificial Neural Network
  - ❑ Heuristics
  - ❑ Markov Decision Process(MDP)
  - ❑ Natural Language Processing.