



**IJPPR**

INTERNATIONAL JOURNAL OF PHARMACY & PHARMACEUTICAL RESEARCH  
An official Publication of Human Journals

ISSN 2349-7203




Human Journals

**Short Communication**

December 2019 Vol.:17, Issue:1


© All rights are reserved by Rutuja Shah et al.

## Artificial Intelligence Boon for Human Being



**IJPPR**  
INTERNATIONAL JOURNAL OF PHARMACY & PHARMACEUTICAL RESEARCH  
An official Publication of Human Journals

ISSN 2349-7203



**Rutuja Shah<sup>\*</sup>, Pratibha Adnaik, Rahul Adnaik**

*Anandi college of B.Pharmacy, Kalambe Tarf Kale.*

**Submission:** 23 November 2019  
**Accepted:** 29 November 2019  
**Published:** 30 December 2019

**Keywords:** Artificial Intelligence, Cognitive Science, Medical Applications, Minimization of Risk

### ABSTRACT

Presently article is focused on basic of artificial intelligence and its implementation in human benefits. We have discussed what is actual artificial intelligence, which are its different type and relation between psychological human behavior and artificially intelligent machine. Application of artificially intelligent machine in medical field like x-ray, zoography, MRI and endoscopic processes. Also discussed risk of human sacrifice can become over by development of such machineries. Developing generic mechanism for the robot to reason as of mental state as of in their human partner is one of the approach. Development of robots with the ability of developing sense to choose, act, interact and to make the decision is possible with the help of artificial intelligence.

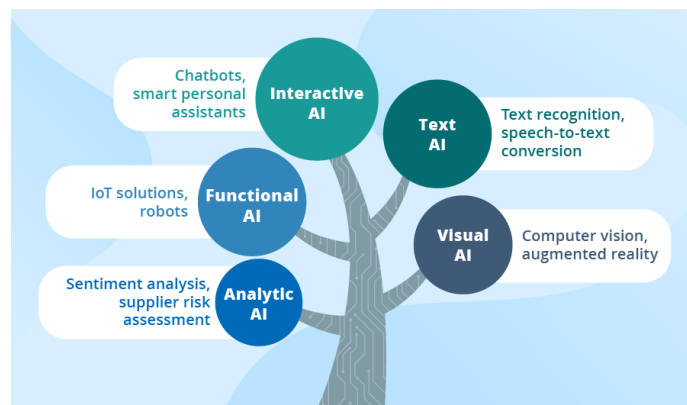


HUMAN JOURNALS

[www.ijppr.humanjournals.com](http://www.ijppr.humanjournals.com)

## INTRODUCTION

In present article, we have focused on basic of artificial intelligence, actual what it is? What are its benefits and risks? Basically, artificial intelligence can be defined as understanding and performing intelligent task by machine as human does. It is the method of computation to precise reason and act. Hence, we can say that intelligence is Perceive + Analyses + React and it is different from human intelligence as it will not work on brain thinking also different from computer science as it will not work on software designing. It will be more beneficial and controlled type of working. It works with the help of artificial neurons (artificial neural network) and scientific theorems (if then statements and logics). Computer is having the ability which imitates the man intelligence action. It will work on study of mental faculties through the use of computational models. Artificial Intelligence is taking part in understanding and performing intelligent tasks as of reasoning, developing skills and adopting to new situations and problems.



**Figure No. 1: Types of Artificial Intelligence**

Artificial Intelligence insight has vigorously enhanced working of the assembling and administration frameworks of human mind and machines, it has much benefit over the natural intelligence as human may make error, may get tired, may losses concentration and age affects its work intelligence. In case of artificial, this problems can be overcome by developing proper ideas for its work. Advantage will be more permanent, consistent, not expensive, more profit in duplication and dissemination can be documented and can perform certain tasks much faster and better than the human.

Evolutionary Computation in Medicine with artificial intelligence: With the help of Artificial intelligence techniques nowadays it is possible to carry out diagnostic sciences in biomedical image classification. Mostly Model-based intelligent analysis play role in computer assisted

diagnosis happening from it. Report are prepared with the help of it. Not only in case of x-ray but other diagnosis with the help of AI as ultrasonography, endoscopic images and MRI for the detection of various diseases are successful. Development of such instrument with use of AI makes more beneficial in faster curing of patients.

Latest developed Artificial Intelligence (robotics) has the ability to imitate human intelligence, it can perform various tasks where thinking and learning are required, and it can find solution on problems and make various decisions. For proper working of Artificial Intelligence, software or programs are inserted into robots, computers, or other related systems due to which they can make necessary thinking ability. However, currently, there are many lacunas in robotics which should be overcome. Habit of making errors should be overcome and should adjust in such a way that it will not require human assistance. Today's artificial intelligence such as robotic cars are highly progressing with high-performance capabilities such as controlling traffic, minimizing their speed, making self-driving cars to the SIRI, the artificial intelligence is rapidly progressing<sup>2</sup>.

Presently focus of work is on preparing decision making robot. They should share space and task with humans. They should be trained to take their own decision as human does. We can design model of cognitive interaction for service robots which can work multi modeling with the symbol interaction. Developing generic mechanism for the robot as of mental state of their human partner is one of another approach<sup>3</sup>.

Development of robots with the ability of developing sense to choose, act, interact and to make the decision is possible with the help of artificial intelligence. As human psychology which is able to complete the task with own intelligence, it will be completed by artificially intelligent robots. It will make the robot to develop its own psychology and cognitive science of how people work<sup>4</sup>.

What is impact of AI on other technologies: Much of benefits can be added due to intelligence of robots as if limited programmed software will work on program as fed by using intelligence, task may be completed in more beneficial way. For example, an olfactory chip is being designed using AI techniques of pattern recognition. Given advances in Very Large Scale Integration (VLSI), instruments and products of many different kinds will come to include chips whose design makes use of AI methods. It will also affect on lesser mental stresses, it will have ability of finding solutions to the problems which is not possible by

other machines. And, contrary to what most human assume, AI has had a humanizing effect in psychology. The behaviorists had different reference to 'mind' and 'mental processes' as nonscientific but AI-based on concept of working on theoretically developed properties. AI's influence will be especially strong in the psychology of vision and language, and (as noted above) it is likely that robotics will engage with the psychophysiology of movement. Psychological research will feedback into AI -for example, insofar as psychologists arrive at a better understanding of the organization of knowledge, their work may be useful in designing computerized expert systems<sup>5</sup>.

What is connectionist approach in cognitive science relation? It can be stated that these are two contrasting approaches to cognitive modeling, neural modeling and logic. Early establishment of computer with performing mathematical and logical sense of human made people to believe in developing robots to work with neuron ability working as in human<sup>6</sup>.

It results from taking the brain-computer combination together. It has one hand in psychology, one in computer science together works combined. Peoples mostly as of software engineer are aware of the problems of facing problems of components of large programs. As one when claim of level and stages of work to be completed as supposed, one program has to run by 3 stage 3 variable software should be able to answer in all the ways of input given to it. Recently developed AI also works on grammatical phrasing sentence construction. Hence an emphasis in AI works on building a whole integrated program. It exhibits the full range of linguistic behavior---comprehension, inference, response. This too has been a major concern of AI: indeed, many of the now classical computing techniques, such as list processing, were developed by AI researchers. It is probably here, in its emphasis on representational languages, that AI is most clearly distinguished from the "macrostructure" paradigm<sup>7</sup>.

As of discussed till now use of AI benefits over human, another is to allow it to work in situation where human cannot work such as risky situations as of dangerous jobs like bomb diffusion where lot of risk is required to be taken. As with the help of robots, we can complete such works and if any hazardous incident may occur, only the machine will get affected not a human. So many of the dangerous jobs can be performed by developing such artificial intelligence. Robots programmed with AI has no emotions such as fear so work performed without fear gives better results. Such Robots can wok at critical climatic

conditions such as overheating and noisy places. It protects human from occurrence of severe diseases<sup>8</sup>.

## REFERENCES

1. Rupali Kamble, Deepali Shah, APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN HUMAN LIFE: *International Journal Of Research – Granthaalayah* Vol.6 (6); pg no 178-188
2. Jahanzaib Shabbir, and Tarique Anwer, ARTIFICIAL INTELLIGENCE AND ITS ROLE IN NEAR FUTURE: *Journal Of L Atex Class Files*, VOL. 14,( 8), pg no 1-11
3. Severin Legmaignon, Mathied Warnier, E Akin Sisbot, Aurelie Clodic ARTIFICIAL COGNITION FOR SOCIAL HUMAN ROBOT INTERACTION: AN IMPLEMENTATION: *Artificial Intelligence*247; pg no 45-69
4. Tim Miller, EXPLANATION IN ARTIFICIAL INTELLIGENCE: *Insights From Social Sciences Artificial Intelligency* 267:pg no 1-38
5. Margaret A. Boden, IMPACTS OF ARTIFICIAL INTELLIGENCE: *Futuresfebruary 1984*:pg no 60-67
6. J Feldman, ARTIFICIAL INTELLIGENCE: *Artificial Intelligency* ; pg no 561-564
7. Patrick Hayes, TRENDS IN ARTIFICIAL INTELLIGENCE: *Int. d. Man-Machine Studies* (1978) 10, 295-299
8. Indrasen Poola, HOW ARTIFICIAL INTELLIGENCE IN IMPACTING REAL LIFE EVERY DAY: *International Journal of Advance Research and Development*. Vol 2,(10) pg no 96-100

