



## ARTIFICIAL INTELLIGENCE AND ETHICS

The missile man of India, Dr. APJ Abdul Kalam once said, "Dream, dream, and your dreams will transform into thoughts, thoughts will lead to honest work, work results in action, and you'll succeed". We are living in a new era - The era of Artificial Intelligence. AI has become the most important part of our daily lives. From the mere calculator to internet - everything is run by AI. But, we see AI everywhere, but what exactly is AI? Is it a boon or a doom?

What is Artificial Intelligence?

Artificial Intelligence or AI is a program created which can replicate and respond to human intelligence and emotions. AI, at its best, can think, laugh,



very, understand things, exactly like a human being. Mainly, there are four types of AI.

- 1) Reactive AI - This is the most basic level of AI. It's used in calculators and all. This AI follows a set of rules and never understands or responds to anything else.
- 2) Limited Memory - This AI is seen in recent projects like chess playing AI. This type makes mistakes and gradually learns from them. It requires training.
- 3) Theory of Mind - This AI is what we use in our daily lives. Yes, AI like Google Assistant, Bixby, Siri. They understand you and try to make web browsing and more interesting for you.



showing only your areas of interest.

A) Self-reliant AI - This is the world changing AI. This one hasn't been a reality yet. But, in the coming ages, it'll be. This is also the most intelligent and most dangerous AI. It can think and show emotions. As the name suggests, it is self-conscious and knows its capability.

There are lot of advantages as well as disadvantages for this game-changer. Let's look at a few.

How is AI useful for mankind?

As mentioned before, AI is a game changer. There are so many ways AI can help us.

Starting off with the internet.



The internet is something that we can't avoid in our lives. From studying to entertainment, everything is in one place. The internet, when first introduced, was said to be a doom. Who <sup>thought the</sup> never internet would turn out like what it is now? The

The internet is mainly used by youth these days. Social media platforms like Instagram, Snapchat, Whatsapp, Facebook have taken over. What is the role of AI here?

AI takes notes of your recent searches, your pages of interest, the reels or shorts you watch, the posts you like and make your time in social media more exciting by showing only content of your interest. The privacy of the user is said to be completely protected.

If we look at ~~other~~ the case of students, they are really benefitted. find



it's useful. The role of a doubt-solver <sup>has been</sup> ~~is~~ taken over by AI now. They have more and more reference material from all over the globe. They can use AI to help them with their homework. Assignments, projects, etc. can be done nicely and fastly with a little help from AI. Numerous layouts, slides, diagrams, figures, can be inserted in your assignment with ease. The newest AI by Open AI, ChatGPT, is a really good resource for all.

If we look at adults, the working class, they also benefit from AI. The you have a powerpoint presentation due tomorrow? Don't worry. AI can make it for you. Have reports to submit? AI is there to help. AI can be used in different ways. ~~to~~ In the coming years, people who doesn't know to operate AI will



be replaced by those who do . . . . .

The role of AI in international affairs is not small. The defence mechanism of most of the countries is controlled using AI. From weapons to attacking, AI can control and coordinate it all . . . . .

The Space technology which is constantly surprising us all is evolving with the help of AI. The launching of a rocket is now done by AI. The recent projects of India, Chandrayaan, Mangalyaan, Adithya L1, were all done by this. Recently, we received the news that Adithya L1 <sup>has</sup> reached the Lagrange point (L1). AI is an unavoidable thing in space technology . . . . .

If used correctly, AI can make human life much, much, easier. You just have to know it, then everything . . . . .



will be abright.

### HOW CAN AI BE A DANGER TO US?

Every thing has its yang. There are positive as well as negatives for a things. Let's look at some of its disadvantages.

Firstly, the control over internet. As mentioned before, AI makes social media more exciting. The more exciting it gets, the more time we spend on it. The 'recommended content' is actually a trick done by companies to make you spend more time on social media, thereby increasing their sales by ads and all. There a quote 'if you aren't paying for the product, you are the product'. The big companies use your precious minutes to make millions for themselves.

Secondly, the AI used by students. AI can be used correctly, by just taking help with your homework. But



Some students use it to copy their whole homework. They don't make an effort to know what the content is. Assignments and all are done either entirely by AI. The students can learn ethical ways to use this. But, they go behind the unethical ways and make themselves fall in a trap from which it is difficult to come back from.

Same goes for 9-5 job holders. Some They leave their entire <sup>work</sup> reports to AI and become lazy beings.

AI is a program. So, it can be hacked by a skillful hacker. The countries that use AI for defence, has a threat in the mechanism itself. Unprepared attacks, conflicts ~~so~~ can arise if the mechanism is left unprotected.

Another issue that arised recently.





was 'deepfake'. In this, if there is photos or videos of a person they can be morphed morphed to another person's. It'll look real. The main victims of this 'deepfake' are actors, politicians and well-known people. Unofficial life of somany celebrities have been ruined by this.

Another issue is the dark web. Dark web is the other side of internet. All kind of unethical things can be seen there. Hacked information are sold within seconds. Using AI and deepfake, a lot of people's life can be ruined in seconds. It has reached a stage where if you have a video of seconds - length of someone, it can be made into a whole different thing. Naked videos and photos can be made like this.

AI is assumed to take over the



the world if given more information. It is said that the privacy isn't protected of the user. If self-reliant AI is built, it'll wipe out humanity, they say. But, the creators make creations. We, humans, created AI. If crossed the limit, can't we control it? The creator can also become the destroyer. So, is AI a boon or a doom? The answer lies within us. The way we approach it. The way we train it. The way we develop it. So, it's us who decide if AI becomes a boon or a doom.

### WHAT CAN WE DO ?

Firstly, we can learn and teach others how to properly use AI. If we know what can be done, we'll learn what can't be done too.



Secondly, create awareness. The educated should teach the uneducated. Everyone should know the difference between ethical and unethical things. Videos, seminars, etc. can be done.

Thirdly, don't trust everything you see on social media. Real and Reel life are different. Influencers only post about their good side of life. Not what happens when there are no cameras. Imitation is good, but when it goes overboard, it gets out of hand.

Fourthly, try to control your screen time. The more the use, the more you get addicted.

Fifthly, try not to share your personal details on social media. As the technology is growing, the privacy of the user is in question.



According to Mahatma Gandhi,  
Wealth without work  
Pleasure without conscience  
Knowledge without character  
Commerce without morality  
Science without humanity  
Religion without sacrifice and  
Politics without principles  
are seven deadly sins that a <sup>man</sup> must never  
do.

So, let's have a faith in ourselves that,  
I'm born with goodness and truth, I'm  
born with ideas and dreams, I'm born  
with wings. So, I'm not meant for  
crawling. I'll fly and fly and fly to  
attain the goal of my life.