# ROLE OF ARTIFICIAL INTELLIGENCE IN FIELD OF LAW

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## Abstract

*"The development of full artificial intelligence could spell the end of the human race….It would take off on its own, and re-design itself at an ever increasing rate. Humans, who are limited by slow biological evolution, couldn't compete, and would be superseded."*

- *Stephen Hawking[1]*

In the field of law use of Artificial Intelligence is increasing day by day. In every stream it is being used as an important tool to study case laws, finding legal texts, laws, etc. Looking at the growing use of AI, there are many apps are being developed by many manufacturers. But as everything has some drawbacks similarly AI also has some risks while using in the different fields of law. In this research paper we will study that how the AI is being used in and affecting legal field and how it has also become a reason of various kinds of risks.

**Keywords:** Artificial Intelligence, Lawyers, Courts.

## Introduction

Technology has made our lives easy and fast. As it has made it simple to do complex things easily. We want every work to be finished as soon as possible. For this man, invented machines and in this series computer was invented. And today we have new technology which has been doing various functions which were taken as can only be done by humans. As intelligence is the quality and important feature of human soul but nowadays this work is also performed by machines or softwares. This is known as Artificial Intelligence. It is a joint work of hardware and software in which these two are intertwined in such manner so that they can perform functions like reasoning, decision making or problem solving. Nowadays AI has also been used in the field of law by lawyers, judges, researchers, etc. in finding solutions through machines. As machine or software assist them in doing their work fast and efficiently. But as everything has two sides so AI also has good and bad effects in the field of law.

## Artificial intelligence

AI is a system in which such machines (generally computer) which contain such kinds of programmes which are able to perform tasks which are similar to humans. Such tasks are based on intelligence, reasoning, ability to do and learn from past experiences. [2] In these machines, the system is itself able to think, take decisions, etc. Today these systems have become very popular and we are knowingly and unknowingly are taking assistance of such tools in our daily lives also. Examples of AI are playing chess on computers in which the computer takes decision on its own based on the actions of the human player on the other side, ChatGPT which prepares the text in the language as the person desires, Google Chrome browser, etc. These are some examples to understand what the AI is. It is the simulation of human intelligence by machines specially by computer systems. [3] This technology is based on the specialized hardware and software that makes a machine to act in coordination with the software to act intelligently to give the desired result as expected by the person using that machine.

## Role of AI in legal field of law

Artificial Intelligence has become a necessary part of our lives as from setting reminders on our phones to making google searches for every small thing. In the field of law also AI has been used nowadays to perform daily important works. Lawyers, law students, researchers, academicians, judges, etc. all are using such techniques to do their daily jobs in their fields. AI has made the work efficient, reduced human labour and has made many functions under legal field. We will study about this in detail in the given points:-

1.1  Legal research:- Researchers are using many AI platforms to get access to various information related to various new laws, cases and finding and understanding various principles and theories under law. As the society is changing so there has become a necessity to study various laws in force in the other states also so that necessary changes can also be done in current laws. For this researchers are using various tools like AIR Online, Manupatra, etc. as these platforms have been developed in such manners that they give information based on their intelligence which the researcher is trying to find. Such kinds of platforms give updated information related to various legal issues.

1.2     Use of AI by law students:- The nature of a student's mind is very curious. As he/she always wants to know something new so the students of law are using AI in enhancing their knowledge. Today students are using many platforms like ChatGPT, Online Journals, You Tube, etc. where they are getting the knowledge and information as they want. Thus along with the classroom study students are having access to AI platforms and are using such platforms in their daily studies for enhancing their knowledge.

1.3     Use of AI by lawyers:- The profession of advocacy is based on study of law books and cases. For this the advocates need to have a good collection of books in their offices but it is not possible to have collection of every book. Today many advocates are using AI platforms in getting copies of various judgments. They are using various platforms in preparing their pleadings, arguments, etc. as this has also made their jobs easy. Regarding AI, the Supreme Court Judge. Hon'ble Justice Hima Kohli, has also said that AI has proved as a game changer in the working pattern of advocates.[4]

1.4     Use of AI by judicial courts:- AI platforms are also used by judicial courts in India in translating various documents produced in evidence by parties, AI is also used by courts in scheduling hearing of cases, etc. In India, the Supreme Court is using the tool "SUVAS" i.e. Supreme Court Vidhik Anuvaad Software for translation of legal papers from English to other languages.[5] Similarly, there is SUPACE, i.e. Supreme Court Portal for Assistance in Courts Efficiency which can be used to read cases, drafting documents, etc.[6] Along with this recently, the Supreme Court of India has signed a MOU with IIT Madras for collaboration on using AI for translating of documents, live streaming of courts proceedings, etc.[7]

1.5     Use of AI learning legal writing:- Many lawyers and law students are using AI tools in learning legal writing and drafting.[8] As it is not easy to learn art of legal writing in one day. There are some AI platforms which are used by people in using legal terminology and framing legal documents.

1.6     Prediction of cases:- There are tools based on AI which give a prediction of cases when facts of a case are fed on them. This gives a rough idea about the result of the case which may happen in court proceedings. Such kinds of tools assist advocates in preparing their case arguments.

1.7     Use of AI by corporate firms:- Corporate law firms hire advocates to provide legal assistance to their clients. So when they work on large number of cases this makes it obvious and necessary to take assistance of such AI tools so that they work fast and efficiently in their jobs. They need to go through many cases, statutes whether national or international to prepare their arguments or documents. AI help them in performing their professional responsibilities in better way.

In this way it shows that there is no field left where the AI technology is not being used. All the people associated to legal field are using such platforms in their daily jobs whether he is a student, lawyer, judge, researcher or any professional in legal field.

## Challenges in Using AI

AI has made the functionality in the field of law very simple and comfy but it has also come up with some major challenges which must be kept in mind while accessing these tools. Some of these challenges can be understood in the following given points:-

1.1   Data reliability:- As AI provides information based on their intelligence from the data already fed in these tools or from the other websites. It is very difficult to find the trustworthiness of such information. As today fake information has become a propaganda making tool. So while using such platform the user whether it is a student, lawyer, judge, researcher or any other professional must beware in accepting that data.

1.2   Professional humans:- It is true that the new technology is growing day by day. So for using such technologies tech experts or trained persons are required. As the new platforms are very technical to work with. Even in courts where some AI tools are being used requires experts in the field of computer and digital gadgets.

1.3   Student learning affects:- The new technology has also affected human mind in a negative manner. As students have become lazy and irresponsible towards their studies. As they know that they have such tools which will help them in preparing their study material so there is no need to do extra efforts as such tools are there to complete their assignments, project work, etc.

1.4   Updated hardware and software:- AI platform run on the compatibility of hardware and software so for using these tools appropriate and updated hardware and software are needed so that these tools can be accessed. This increase expenses on the maintenance of hardware and software.

1.5   Accuracy of legal predictions:- There are some AI tools which needs accuracy in their predictions if the legal predictions are not correct the legal experts will not be able to perform their work efficiently. So these tools cannot be relied on completely as it is not possible for such tools to make prediction about a case which are based on human actions and are also decided on the basis of human thinking with the help of laws.

1.6   Risk to privacy:- Use of AI in the legal field puts a question mark on privacy of people. As while using such tools personal information is fed by professionals on such platforms and once the information is fed its digital copy is generated and now it can be accessed easily by fraudulent people and can be used for any criminal purpose. For eg:- if  X uses a text to be translated from one language to other so the digital copy of the text is saved on the tool and anyone can fetch such content.

In this way, use of AI bring various threats and puts a question mark on various issues as we have no definite solution to all these. The Supreme Court Judge Justice Hima Kohli has also stated that the AI should be taken as an opportunity to enhance legal practice but it also raises concerns about accountability, transparency and protection of rights of parties.[9]

**Conclusions and Suggestions**

The above given study shows that the use of AI must be done with care and caution. The future is based on technology and growing use of AI in every field including law. So it is necessary to find some solutions to prevent above given risks. Some of the suggestions are:-

1.1 Deep learning of law rules by machines and humans:- AI use preinstalled legal provisions and information fetched from the internet. So it is important that while installing the information proper caution must be taken to avoid wrong data entry of legal provisions and laws as wrong information may lead to wrong results.

1.2  AI also has its limits:- AI is based on hardware and software compilation. It has made it easy to do complex jobs in simple way but AI must not be in excess so as to get dependent on it because whenever such facility will not be available then it will be difficult to work on our own as facility makes human lazy and dependent.

1.3  Manual work cannot be ignored completely :- It is true that the machine can work for long ours but the working efficiency of human being cannot be ignored completely specially in the field of law which deals with human behavior and laws which regulate and control human acts.

In this way, Artificial Intelligence is a two sided sword. It has good things which involve several risks. Technology cannot be ignored today as in the legal field all persons whether lawyer, student, judge, etc. need assistance of such tools to work in their daily duties but still while using such tools they must always use their own human intelligence.

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