



IMPACT OF ARTIFICIAL INTELLIGENCE IN LEGAL FRAMEWORK

***Mr. Tanuj Rattan**, Research Scholar, Jagannath University, Bahadurgarh, Delhi NCR

****Dr. Sandeep Lal**, Associate Professor, PDM University, Bahadurgarh, Haryana

ABSTRACT

Artificial intelligence is the task performing ability of a computer or a robot, the work done by AI requires human sentiments and intelligence. A robot or a computer through software and regular tech updates to some extent can do the work that are supposed to be done by humans or AI can be used as a medium to reduce work burden on humans. And nature of the work plays an important role; a work which involves a life endangering circumstance then in some places AI powered machines or robots can be used to do the work. AI is supportive hands in almost all fields and professions. In this research paper the author tries to describe the importance of AI in legal profession.

AI is a vast spreading study in the field of computer science that performs a particular task by using artificial intelligence in any field or profession which is supposed to be done by human intelligence. AI in today's world is used to perform tasks which are risky or impossible to do. AI works without human help as it has its own brain and is capable of enacting some human behaviour or traits also.

ARTIFICIAL INTELLIGENCE AND LEGAL PROFESSION

-We have come a long way from handwritten documents to typed documents, from typed documents to E – documents, from typewriters to sophisticated computers based on AI. The law courts in India have been a little hesitant to shift from the traditional ways to AI technology for solving day to day legal matters and official works. It is clear in today's world that legal profession is using AI, computer software, and various applications to provide a supporting hand to judges and lawyers. With the help of AI certain tasks that are time consuming can be done within hours or even some minutes which will eventually lead to speedy justice and amicable settlement of disputes. As stated by Justice D.Y. Chandrachud, “technology is relevant insofar as it fosters efficiency, transparency, and objectivity in public government”. AI helps the lawyers to recheck the schedule of their past cases and helps them to get information of a legal matter by the help of a mobile application, they can keep track of their cases in various courts on one platform which will eventually help them to have a better time management; otherwise it will be a lengthy process to visit every court and keep record of dates and cases.-

Legal profession can be considered as the pillar of the society which helps to keep the people within the limits of law, and the ones who are against the law or break law are punished accordingly. The legal profession in India is believed to be a platform which is being managed by eminent lawyers and judges, without these people the courts will eventually shutdown which will be a great attack upon Indian Judiciary. Our Indian judiciary is a great mixture of human force and AI force. But it's quite obvious that there's a limit to everything if only AI is used to do all the tasks then the human force will have no tasks to do it will

make people unemployed which will directly affect our country in number of ways, its need of the hour to create a harmonious balance between AI force and human force. Reliance upon AI for every task will take us to a time where AI would take over human force. Some lawyers are using AI based software and technologies to track case records, dates, status, judgments and filing because of this harmonious balance between AI and human force is maintained. Lawyers and judges are able to manage the legal work more efficiently and judges are able to provide speedy justice. The AI technology is only made to be a medium through which time taking and technical tasks can be done easily, it is not made to do every task it's just a helping hand for any profession. If we consider the legal profession, human force is preferred over the AI because in India most of the tasks are labour intensive but with the changing time the courts are becoming AI friendly and they are adopting new ways to deliver justice.

PRESENT SCENARIO

AI is gaining momentum in the legal profession at a steady rate, in India the legal profession is connected to its very root of traditional values and that is why some of the tasks in the courts are still manual. Following traditional values is the strong point of Indian judiciary as it is not dependent on the AI completely, extensive use of AI may lead to a situation where people will no longer be interested in practicing law. It will not be wrong to say some traditional ways of doing a task are still better than the AI technology; the Indian judiciary has cracked a perfect balance between the human force and the AI technology. AI can prove to be a tremendous tool in the field of legal research, if new software, AI tools are developed then it will help the judges, lawyers and the law students to adopt new methods of legal research which will be less time consuming, it should be made sure that the AI tools must give out results which are more authentic than the ordinary research tools only then a revolution relating to AI technology will occur in the legal profession. AI tools can help the lawyers in authentic researches relating to cases of their clients, with the help of these tools the lawyers can more efficiently represent their clients in the courts. Eventually the AI technology will help the judges to deliver justice amicably to the ones seeking it. AI technology also helps the judges to revisit and review their judgments and helps them in conducting various types of researches for delivering new and landmark judgments. Some popular applications like “e-court services” apps help the lawyers to track their cases in various courts on one platform; this app also helps the lawyers to maintain a virtual e-diary and thereby helping them to maintain records of their cases. The most famous platforms of legal research are SSC Online, Live Law and Manupatra.

Applying the concept of AI to legal studies and legal profession:

- **Information technology act, 2000:** India felt the need to introduce of body of rules which will tackle the problems of cybercrimes in India as a result India formulated the Information Technology Act, 2000. In accordance to the preamble of this act, this act is to provide legal recognition to transactions that are done through electronic medium. This scope of this act is very vast as it not only deals with offences in India but also deals with offences outside India which directly or indirectly affects India. Section 10 A of this act deals with legal contracts which are formed through electronic means. Along with all the above the act also deals with matters pertaining to digital signatures.
- **E contracts:** it is a contract which is formed by software or AI based system it is very similar to a ordinary contract. These type of contracts falls into the category of e-commerce that is regulated by the Information Technology Act, 2000.
- **Brain mapping test:** which is also known as brain wave finger printing, in which the accused is interrogated and then sensors are pasted on his head and then with the help of a computer he is shown pictures and video relating to the crime scene his reactions and brain activity is recorded in the computer

software; if the reactions and particulars of the crime scenes match then it can be said that accused has a relation with the crime or is hiding something about the crime scene.

- **DNA Profiling:** DNA is obtained blood, semen, saliva and hair of an accused or the victim to find the real cause of an accident, rape case or death case. The AI or technology is so advance that it helps the court to ascertain as to whether the documentation and preservation of the DNA sample is reliable or not.
- **Skull super imposition test:** photo of an accused or a person missing is uploaded to a AI based software and then the outline of the skull is super imposed on other skull to find out whether it matches or not.
- Some software also predict the specific outcome in crime investigation, but this method cannot be considered as reliable.
- **AI based document software's:** this type of software is used to compile large number of documents into a place called cloud space, judges and lawyers can have a quick access to these documents anytime anywhere. It is not always possible to keep physical files as it consumes a lot of space in the offices of lawyers and law firms.
- **E Receipts:** in old times lawyers or people of other professions kept records of transactions in account books physically, but because of some circumstances these records perished with time, in the present time electronic records are safe from physical conditions. As they are uploaded in a cloud space, this is easily accessible and can be recovered in time of any loss.

In today's world with the aid of AI professions are developing day by day, human mind has limits it cannot process all the things that are kept before it for that to keep record of certain things like in legal profession a lawyer cannot remember dates of all the cases or the judgments of previous cases, to keep these records AI software or applications are designed so that for little things day to day court proceedings are not unnecessarily delayed.

FUTURE OF ARTIFICIAL INTELLIGENCE IN LEGAL PROFESSION

Change is the rule of time; time is the reason for all the developments; with changing time the society must also change because no development will make everything obsolete. The legal profession has developed itself with the changing time as such the profession of law is gaining popularity as because every field needs a person who can provide legal assistance, but it's always not possible to totally depend on human power because we as humans have some limits so to assist lawyers and judges man AI software's and applications are made to make the day to day procedures of the court easy and less time consuming. The need of the hour is to do more research and experiments considering the scope of AI in legal profession. Firstly, the AI will help the lawyers to help their clients by inventing a client interacting data base through which the clients will get an idea of expenditure in a case and to know as to what will be the possibilities included in the stages of each case. Secondly, the people of legal profession should welcome the AI based technology with open hands and at the same time it should also be made sure that both complement each other in such a way that it gives out good results, the friendship of AI and legal profession will create new inventions such as AI based automated contract drafting and applications that will help the lawyers to draft various other legal documents; these AI based inventions will save a huge amount of time and will result in speedy justice. Thirdly, if lawyers adopt AI technology in their law firms it will increase their brand value and will help their law firm to upgrade their day to day work; the lawyers must upgrade themselves into "tech savvy lawyers" or tech friendly lawyers which will create an atmosphere for them to discover new areas of legal solutions and legal aid. Lastly, the AI based technology will help the lawyers to make more profits in less time which will help them to grow in the legal profession.

AI has a vast scope in developing the process of legal research because in today's time lawyers and law students use AI based applications for searching case laws and legal content, which gives out accurate

results and is less time consuming. AI based technologies works as the world's largest thesaurus to accommodate within it the legislations of whole world in the palm of our hand; this is the most positive aspect of AI.

ARTIFICIAL INTELLIGENCE AND COVID- 19 PERIOD

Due to covid-19 the world was left with no other option then to stay at their homes isolated, not able to do any work in the outside world. Covid-19 pandemic affected almost all the professions and a large number of people lost their livelihood, labour class people were left with no other option than to walk back to their hometowns in absence of jobs. Covid-19 pandemic shook the legal profession as a result of which new ways of dealing with the daily legal matters was adopted, the court adopted the AI based methods of E-filing of cases, lawyers pleaded their matters through the medium of video conferencing with the help of AI based software and applications such as WebEx, zoom video calls, Google meet, covid-19 is somehow responsible for the adaptation of virtual era, law firms which used conservative and traditional ways of practicing law became more aware about the usefulness and effectiveness of AI based technology.

In a landmark judgment the Hon'ble Supreme Court rightly held that Live-streaming of proceedings is crucial to the dissemination of knowledge about judicial proceedings and granting full access to justice to the PART D litigant. Access to justice can never be complete without the litigant being able to see, hear and understand the course of proceedings first hand. Apart from this, live-streaming is an important facet of a responsive judiciary which accepts and acknowledges that it is accountable to the concerns of those who seek justice.¹ Live-streaming is a significant instrument of establishing the accountability of other stakeholders in the justice process, including the Bar. Moreover, the government as the largest litigant has to shoulder the responsibility for the efficiency of the judicial process. Full dissemination of knowledge and information about court proceedings through live-streaming thus sub serves diverse interests of stakeholders and of society in the proper administration of justice.²

And hence the Hon'ble Supreme Court allowed live streaming of court proceedings in all cases except rape and matrimonial disputes, which was the beginning of new era of transparency in Indian Judiciary.

NEW ERA OF ARTIFICIAL INTELLIGENCE IN LEGAL PROFESSION

A new robot is invented which is based on AI technology and will be the first ever robot lawyer who will plead in a US court in a traffic ticket case it is a type of chatbot which is developed by tech firm DoNotPay to work as a lawyer and a legal assistant, it is developed with the aim to see how much such AI based robots will be capable in legal proceedings in court of law. The robot works on a AI based interface through which the robot hear the court proceedings and sends it to the defendant who gives it output through headphones and through this real time transfer of information the robot lawyers pleads a case in the court.

Many jurists are against such innovation but many other lawyers and jurists are of the opinion that this is a brilliant innovation, they support their argument by stating that the robot lawyer robot can appear in cases which are not serious like challan cases, and cases related to petty offences this practice will save a huge amount of time that can be used for a better cause. The robot lawyers can represent the clients who are not

¹ <https://timesofindia.indiatimes.com/india/now-watch-sc-proceedings-streaming-live-on-your-screen/articleshow/94491552.cms>

² Swapnil Tripathi vs Supreme Court of India on 26 September, 2018; WRIT PETITION (CIVIL) NO. 1232 OF 2017

able to hire good lawyers. The tech firm's CEO Joshua Browder states that the most important reason behind the innovation of such AI based robot lawyer is to provide free and accessible legal representation in court of law, especially to the clients who are not able to afford good lawyers. But there are many legal restraints so this whole process of introducing such innovation in day to day life will take time, but once it is introduced it will create a revolution in the legal profession and will result in a low pendency rate of legal matters.

CONCLUSION AND SUGGESTIONS

AI is gaining popularity in number of professions as such in legal profession in legal profession it helps lawyers and judges to do quick research, draft documents, contract review and alterations, to review judgments, AI helps lawyers and judges to keep record of all their cases instead of keeping bulky files in their offices, data collection is made easy and less time consuming with the help of cloud spaces, one can transfer bulky files through AI based applications and software. AI is such an innovation which is important but at the same time too much dependency on something is not good, the identity of the legal profession lies within its traditional values one can create a harmonious balance between AI and legal profession but still AI cannot take over the lawyers and human force as because AI is dependant upon the directions of humans and it lacks sentiments which makes it just a machine which is to be regulated by humans, it is not a machine with its own brain, it is much more of a stimuli that is dependent on the human output because AI lacks creativity. The major drawback of the AI technology is that it is vulnerable to external threats, it can be hacked by the professional hackers who will use the sensitive information against the clients and the country. It's the need the hour to formulate a framework and a committee of experts that will regulate the security mechanism and other tasks of AI in order to save it from being exploited at the hands of bad elements. Legislation must be formed for the smooth functioning of AI technology and to keep a check on it, only then AI will be considered a safe medium in the legal profession. Lastly educating people on the topic of AI will make the people more aware about the usage, limits and effectiveness of AI that will help building a better and safe future.

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DYNAMIC LINKS

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