



Artificial intelligence and legal profession

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Abstract

The legal field of any country has its own importance. Judiciary is having prime importance as they are guardian of Constitution. The technological advancement is also a part of every field and Legal field also be a part of that. It is very necessary that the new modern technology is to be adopted in the field to produce better result and provide speedy justice to the people of the country. Now a day, the issues of Artificial Intelligence is playing very vital role in each field and legal field is also of no exception. Legal field doesn't mean only a judiciary but it includes so many areas which needs the help of advanced technology. Artificial intelligence fulfills that gap which is now in existence due to development of technology. Now virtual hearing is going on Indian court after Corona that is a major move in this direction. Sometime before we were not able to click the proceeding of the court but now we can watch the live streaming on you tube. This is a radical change in the process and procedure of the court. Artificial intelligence helps all stakeholders in the legal field to simplify their operations. This technology increases the ability to work and the work can be done easily and this technology gives accurate results of any work or job or task. It can find legal provisions and can make legal research on any particular topic. That is the Artificial Intelligence is need of hours and we cannot close our eyes towards.

Keywords: judiciary, robot, legal research, strategic thinking, technology

Introduction

Now a day's world become smaller and smaller and when we are living in this small world, we have to make our choices according to new world otherwise it would be very difficult to live in present world. So in field of technology, Artificial Intelligence play crucial role in the most of the sectors. The term Artificial Intelligence has become very important among legal professionals these days. It is no longer possible for those involved in the legal field to ignore this term. Artificial Intelligence is no longer limited and its development, usage is increasing rapidly. There are many benefits to using this technology. This technology is the most developed technology today. And so it also makes a very important contribution in the legal field. Many people think that if this technology is used in the legal field, there will be a lot of problems. Yet today there are many software and programs that are contributing in one way or another in the legal field.

Artificial Intelligence

Artificial Intelligence is a term first used by John McCarthy and is therefore he is also called the father of AI.

The Oxford Dictionary defines Artificial Intelligence as "the theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.

Artificial Intelligence is a branch of computer science whose main purpose is to create a system that is independent and can use intelligence. Artificial Intelligence is a kind of computer science but it not only processes the data entered but also uses its intelligence on it. In general, the computer itself cannot function intelligently. With Artificial Intelligence, computers can work like living individuals. He can reason, understand, guess and even

communicate and in certain circumstances make certain types of decisions. This is a kind of machine learning just like we teach a child. The computer itself makes certain decisions with this technology and these decisions are made through the process of algorithms. An algorithm is a set of rules that helps a computer make independent decisions. Artificial intelligence is the technology by which the right decision can be made. Intelligence is used extensively in this decision making and this rational decision is made on the basis of logic, planning and strategy. In 1968 Marvin Minsky, one of the founders of Artificial Intelligence, said that Artificial Intelligence is the science of making machines do things that would require intelligence if done by man. Artificial Intelligence is a machine that works intelligently. Through which chess can be played, calculated, researched, short stories can be understood as well as the scene can be interpreted and also helps in diagnosing different types of diseases. Artificial Intelligence can be used for two reasons. First one is to understand a person's intelligence and another one is to create useful computer programs so that the program can work intelligently. The purpose of most of the employees engaged in this field is to create such programs so that they can solve the problems properly. This type of technology was shown on Star Trek, a television program that came out many years ago. In which programme, the computer was answering the question put before it. There are also some limitations of Artificial Intelligence. The client cannot be advised by him. No legal documents can be created. Not able to help a lawyer in the court. Artificial Intelligence can do well the purpose for which it was created but it becomes incapable of performing other tasks.

Artificial Intelligence and Law

Technology is of relevance in so far as it promotes-

efficiency, transparency and objectivity in public governance-as humbly stated by Justice D.Y. Chandrachud. Justice Chandrachud of the Supreme Court said that Artificial Intelligence is not a human being and not used to replace judges in the court but it is helpful tool to the judge to re-evaluate the process and judgment. The ultimate goal of the judiciary is to bring justice to the people. It is therefore imperative that the wider interest of justice be maintained. A task force under the chairmanship of N.S. Chandrasekaran who is head of Tata Sons was formed by the Ministry of Commerce and Industry of the Government of India to study Artificial Intelligence in India. He was told that we should make extensive use of Artificial Intelligence in various fields. Artificial Intelligence should be included in your economic, political and legal processes. So that India can become a world leader in this direction.

Right now Artificial Intelligence needs to be seen as an opportunity in the field of law. There are two perspectives on everything. Its use can make it effective in the legal field. Efficient and low cost services can also be provided to current and future clients.

The Indian Judicial system is still one in which mostly everything is done manually. So it can also be said that it is labor based. Technology is not used enough. In Corona's time, there was a virtual hearing in the field of justice which can be considered an advanced step. Artificial Intelligence technology is in its infancy and is slowly being used. Many people also think that this technology should not be widely used in the field of Law. Its use increases the chances of harm rather than benefit to the Judiciary and people of India. India is the largest democracy in the world and its judiciary is of paramount importance. India also has the largest Constitution in the world and the Indian courts have a responsibility to protect it. Even in a country with such a large democracy, technology should be used to the maximum in the Legal Profession. At present, lawyers use machine learning techniques to gain an understanding of their case and get the world's information at their fingertips. There are many legal firms in India today that make maximum use of technology in their daily operations. Such as the Law Firm Amarchand and Mangaldas have enthusiastically accepted Artificial Intelligence in their work. The firm uses a machine learning program developed by a Kira systems company in Canada. This program is Artificial Intelligence based which can do lots of work with ease. Its use is very helpful to this law firm. This program can be used to analyze legal papers. Apart from this, those legal difficulties can be traced as well as various provisions of the law can be traced from the legal documents.

When we talk about Legal services, there are a variety of services are part of legal services and Artificial Intelligence can be very effective tool for a variety of such services. We cannot deny the use of Artificial Intelligence in the legal field. The legal field is a field where different kinds of people require different services. If such a requirement is not met out then the person or organization or company cannot function smoothly. The scope of these services of Artificial Intelligence is very wide and in the legal field, it involves a lot of things besides just court work. For example, if one company merges with another, there is a big and long process behind it. So the market for legal services is also a very large market. Most people in our legal field do not use technology. Therefore, Artificial Intelligence has not been developed as much as it

should be. Our legal field operates in the traditional way. Hence, there is an indifference shown in the adoption of new technology. Lawyers are still using conventional method but new things will be adopted in future. AI has the potential to make big differences in any field and so it would not be surprising to see such a change in Legal field in India. Artificial Intelligence can make a significant contribution in the field of Legal Research. Research is a kind of field which has no end. Legal research is considered important in the Indian legal field. Any lawyer can present his case emphatically through Legal Research and that's why Artificial Intelligence remains important technology in doing Legal research. Unique use of Artificial Intelligence makes lawyers different from others. Artificial Intelligence is rapidly entering in the practice of law. Therefore, it can be said that Artificial Intelligence is also gaining an important place in Indian law field. According to a survey carried out in USA, more than 36 percent of law firms and more than 90 percent of companies are currently efficiently using the Artificial Intelligence system. Artificial Intelligence brings about a significant change in the way of thinking of advocates. There has been an unprecedented change in the way lawyers deal with clients in their field. Artificial Intelligence is more than just Legal technology. So it can also be said that Artificial Intelligence can bring a business revolution in the legal field.

Use of Artificial Intelligence in Legal Field

Technology Assisted Review is the first major application in the field of law that uses technology and make can systematically search large amounts of data and scrutinize it from e-discovery. Apart from this, this technology is also used to organize and analyze data sets in the legal field. Algorithms and Artificial Intelligence are used to predict the data obtained for legal analysis as well as to detect big data. Many technology companies and law firms are partnering to create programs that can help in certain areas such as bankruptcy, litigation research, administrative work, financial matters, etc. The first Artificial Intelligence lawyer in the world was developed by IBM Watson Technology of America. The American law firm Baker Hostetler used this robot to help them with bankruptcy cases. The name of the robot is ROSS who is now helping the law firm as a legal researcher. The ROSS brings the various provisions of the law on paper and then asks the lawyers to discuss the issue to find out proper output. A similar system has also been developed in England known as RAVN. One of the law firms Berwin Leighton Paisner there has been using this technology to do a cross check with the government records by using this Artificial Intelligence system in their real estate contracts. So it can be easily checked whether the documents are genuine or not. The use of Artificial Intelligence in the legal process is a revolutionary step and Artificial Intelligence is both a great opportunity for the legal profession and the biggest threat to all the stake holder. There are many issues in which Artificial Intelligence can work very actively is also a question of importance. Whether Artificial Intelligence system is able to charge in case of unauthorized practice. How Artificial Intelligence will affect the competitive advantage between small and medium-sized companies and large legal firms. If the Artificial Intelligence is used in a legal firm, the day-to-day tasks that were performed by the associate lawyer will be performed by the Artificial

Intelligence which is likely to have the adverse effect on future and advancement of associate and junior lawyer who are in the firm to learn. There are so many issues are to adopt new thing at initial stage but after some time everything get adjusted. We cannot deny use of Artificial Intelligence in the Legal Profession. They are, in reality, not replacing human being but are making act of human being more accurate and clear.

Conclusion

Law firms that use Artificial Intelligence can operate very quickly. Their method of conducting legal research differs from others. The results obtained with this are so precise that there are no chances of error in their field. The time of the legal firm and the client can be saved by using this technology. The law firms which are financially sound do not have difficulty in adopting this type of system. These services may sometimes seem expensive but the output is clear so it is beneficial in the long run. There are many benefits to Artificial Intelligence but it can never replace a lawyer. This system can be very helpful to the lawyer in his work. This technology lacks strategic thinking so it cannot work as creatively as an individual. It cannot convince the judges in court as well as incapable of proving any arguing for their client. A Human being has both emotion and understanding which is not present in Artificial Intelligence so it can act as an alternative to the person but can definitely be helpful to the person.

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