ISSN 2582 - 211X

LEX RESEARCH HUB JOURNAL

On Law & Multidiciplinary Issues

Email - journal@lexresearchhub.com

VOLUME I, ISSUE III
JUNE, 2020

https://journal.lexresearchhub.com

Lex Research Hub Publications

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ARTIFICIAL INTELLIGENCE: LEGAL PERSPECTIVE IN INDIA

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Abstract

Over the years, many attempts have been made and still are trying to understand the basic concept of Artificial Intelligence and how it is spreading its roots in different domains. The main aspect of this article is understand and discuss Artificial Intelligence and its legal aspects, whether Artificial Intelligence is easy to handle the complex task which requires backbreaking efforts by human beings. This article is also important in regards to how Artificial Intelligence is helping in the legal system, whether it could make the legal system more efficient or will it make it worse for others to use. This article would be discussing the recent applications of legal Artificial Intelligence and would be suggesting various learning techniques that could be applied soon to simplify the hefty legal tasks. This article will be concluded by some suggestions related to the utility of the Artificial Intelligence in the legal system and for the lawyer.

KEYWORDS: *Artificial Intelligence, Robotics, IPR, Data Protection, Legal System.*

Introduction

When machines are demonstrating intelligence or ability to work something on its own, it can be called as Artificial Intelligence. If the machine performs a similar function as to human beings, then it is called Artificial Intelligence. And to explore about Artificial Intelligence, it is important to understand what Artificial Intelligence can do.

To understand this, there must be a comparison with the human brain. Human beings are the most intelligent creature on this planet. Human brain shows discern and expression based on the contextual clues which are provided to it, it can draw the various relationship between related and unrelated concepts and tries to make sense out of any situation, it can interpret the different number of handwritings, text, voices, and images which the brain ingest in it and produces data based upon

it[1]. It can be inferred from that the human brain is continuously learning the things and improving its performances by the process of feedback. So does the intelligence can do.

Artificial Intelligence is capable of performing all the task which a human brain can do. Artificial Intelligence is continuously improving itself. The technology of Artificial Intelligence has a huge impact on the lives of human beings positively, and which is very helpful for them, it could solve the issues like a reminder of our meetings, suggesting new articles and news of the interest. Artificial Intelligence has the potential to immeasurably adapt the manner in which human beings interact with the digital world and with one another.[2]

Many examples show that Artificial Intelligence is being used all over the world, although it is at its initial stage, soon it will gain boom in the different industries. For example, robots are serving in the restaurants; they are capable of interacting with the customer in more than one language; there working is almost similar to the human being. Another instance where the world's first inhuman telerobotic coronary intervention was performed on a patient without even physically present near the patient. This surgery was done with the help of Artificial Intelligence from a very far distance. A robot with Artificial Intelligence was created to understand the relation between robot and humans interaction. This robot is known to be the most advanced human-like robot which has Artificial Intelligence.

Artificial Intelligence and the Indian Legal System

In the present time, the most important scientific invention had been done is regarding Artificial Intelligence. This invention has the potential to change the human lifestyle forever. In recent times Artificial Intelligence is used in different sector and industries but at a very small scale, it could either in mobile phones or searching data through google. Artificial has revolutionised the shape of various industries.

In the Indian legal system, Artificial Intelligence is also playing an important role. Artificial Intelligence can be used as an efficient tool to enhance the legal field and carry out the work related

[1] Kevin D Ashley, Artificial intelligence and legal analytics (Cambridge University Press) (2019)
[2] Marvin Minsky, The emotion machine (Simon & Schuster) (2014)

to law with ease. Indian legal system has enormous structure and is continuously changing. Therefore, there is a need for Artificial Intelligence in the legal system as lawyers, and the litigants can access the incomparable consciousness about the legal field within lesser time.

Future of the legal system is nothing without Artificial Intelligence. Technological advancement in the legal system renovating the path for the legal researchers, lawyers and judges. The tools and legal software which are developed with the help of Artificial Intelligence would be helping in the drafting and formalising of various legal documents like wills, legal notices, and contracts online in lesser time. Thus, it would eventually help in saving the time of the client in drafting of a simple contract and will be very helpful for lawyers to focus on litigation work by saving precious time while huge time was earlier spent on legal research and drafting work.

Unfortunately, the Indian legal system yet to adjudicate the use of Artificial Intelligence in the determination of legal consequences. But there are many countries like the U.K, U.S.A where Artificial Intelligence has been used in the law offices to analyse the document and find the missing facts. Artificial Intelligence is also helping in due diligence and drafting contracts. Though, India is not using Artificial Intelligence as much as the other countries. Government is trying to implement Artificial Intelligence in specific areas by establishing an Artificial Intelligence Task Force to propose sanction for the use of Artificial Intelligence in the respective sectors. Specific legal codes have been proposed to utilise Artificial Intelligence like Medical Devices Rules 2017, Electronic Health Records Standards, 2016, Data Security in Health Care sectors.[3]

Changing Trends - Artificial Intelligence

As of recently, Artificial Intelligence is being introduced in the Indian legal system. Artificial Intelligence is the new and the best hope that will certainly one day revolutionise the legal system. Lawyers and judges are getting used to the basic concept of Artificial Intelligence in the Legal system. The old and traditional approach by the lawyers to do their research work is keeping them away from using Artificial Intelligence. Artificial Intelligence plays a vital role in maintaining the record related to changes which are being continuously occurring. Earlier the lawyers had to

[3] Pavan Duggal, Artificial intelligence law (2017)

research for many hours to get result near to their query, but after the introduction of new software which is being regulated by Artificial Intelligence, is making the research work of the lawyers very easy and more efficient and effective. Now with just a stroke of few keywords, they can find the exact matter related to their cases.

There are many sectors which needed Artificial Intelligence for its effective working. The Sai Krishna Committee in 2018 released a draft bill of Data protection which reflected the implementation of Artificial Intelligence. [4] The Indian Government is very much focussed towards research, training and skilling in Artificial Intelligence. In the same year, the Government published a discussion paper on National Strategy for Artificial Intelligence and set "#AIforAll" a theme to boost the development of Artificial Intelligence.[5] Government has increased its investment in this sector by 80% in order to achieve more success in Artificial Intelligence.

The future would be different then what people see today. Artificial Intelligence is much more capable of then just helping in research work. Artificial Intelligence could help lawyers to give their innovative client services with economical, legal solutions, and these services would become client-friendly, and it will also help in strengthening the professional relationship between the lawyers and clients.

Artificial Intelligence can be aimed at making our Indian legal system more effective and efficient and client-friendly. From e-research to automatic drafting of work, searching for different trademarks. Artificial Intelligence will help lawyers and make them more efficient, which will eventually reduce the cost and help them to earn higher profits.

As Artificial Intelligence is getting recognised in every other industry, then how can the legal industry will be left behind from its impact. Now a day in the courtrooms Artificial Intelligence is being used, with the sole purpose to help humans, Artificial Intelligence is successful in this task. The use of Artificial Intelligence does not mean that whole courtroom work would be done by

[4] The Srikrishna Committee Data Protection Bill and Artificial Intelligence in India — The Centre for Internet and Society Cis-india.org, https://cis-india.org/internet-governance/blog/the-srikrishna-committee-data-protection-bill-and-artificial-intelligence-in-india (last visited Apr 29, 2020)

[5] (2020), https://niti.gov.in/writereaddata/files/document_publication/NationalStrategy-for-AI-Discussion-Paper.pdf (last visited Apr 29, 2020)

Artificial Intelligence only. AI would be assisting humans in getting an effective and efficient result in a lesser period[6].

Artificial Intelligence and Legal Industry

The whole world is using Artificial Intelligence in various Industries. It has also found its way to spread its roots in Legal industry and law firms and is quite effectively helping in carrying out the processes related to the judges, litigators, lawyers, paralegal, and researchers. Artificial Intelligence is playing an important role in revolutionising the Legal industry in many different ways.[7]

When there is a data which depicts the pendency of cases in India is more than 3.3 crore, then it becomes quite impossible with our old-fashioned system to adjudicate them timely. Here comes Artificial Intelligence in the scenario which more than capable of helping to adjudicated these pending cases effectively and efficiently [8].

Artificial Intelligence is helping the well-established as well as budding lawyers to execute their work with proper thoroughness and research. Artificial Intelligence is helping them to prepare case-related matters which is exactly they require.

Artificial Intelligence is providing them with an astonishing understanding and very useful shortcuts with the help of Systematics. It can further enhance the understanding power of the lawyer with a simple and user-friendly interface.

Artificial Intelligence is helping the lawyer, litigants, and paralegals to draft the complaint and their case in more effective and efficient ways. This effectively done work will add up and will eventually save a lot of time and increases the profits for them.

[6] The Future job reports 2018 (2020), http://www3.weforum.org/docs/WEF_Future_of_Jobs_2018.pdf (last visited Apr 28, 2020)
[7] Artificial Intelligence Changing Indian Legal Industry - TechStory TechStory, https://techstory.in/artificial-intelligence-changing-indian-legal-industry (last visited Apr 29, 2020)
[8] Will A.I put Lawyers Out of Business, Forbes.com, https://www.forbes.com/sites/cognitiveworld/2019/02/09/will-a-i-put-lawyers-out-of business/#297ec2aa31f0 (last visited Apr 28, 2020)

There are many examples where work done by Artificial Intelligence has been optimised and make it more efficient from just a platform to success. Artificial Intelligence legal software is capable of predicting the probable outcome of the cases which are adjudicated before various Courts. This legal software also provides the lawyers, litigants, and legal researchers with the data from the cases held in the past and also the judgments and precedents which could be used by them in their present case[9].

Artificial Intelligence's contribution to Human Productivity: boon or bane

There are many misconceptions and wrong assumptions related to Artificial Intelligence among the Lawyers, Judges, and Law firms that Artificial Intelligence would make them lose their job and threats to their existence. They are frightened that Artificial Intelligence would one day replace lawyers. But the point can be taken in either way after observing its use in other industries, Artificial Intelligence will only make lawyers and law firms to do more thing with less resource, and it would help them to do more of productive work than those who have not used the Artificial Intelligence.

It's like a boon for the legal system in India where the productivity has increased, and the profits of the lawyers have raised. Less wastage of the resource and time. Effective and efficient work done by the Lawyers and Judges.

It is to be believed that artificial intelligence would have greater scope for lawyers, judges, paralegal, and litigants soon and with the help of Artificial Intelligence and law will witness enormous development in the near-term times and future.

Artificial Intelligence is not going to conquest the jobs of specialists working in different industries who have engaged Artificial Intelligence. In other scenarios, it will help the professional to do more productive, more accurate, better, efficient, and out focused work.

[9] Benefits & Risks of Artificial Intelligence - Future of Life Institute Future of Life Institute, https://futureoflife.org/background/benefits-risks-of-artificial-intelligence/?cn-reloaded=1 (last visited Apr 28, 2020)

Conclusion

Artificial Intelligence is yet to go through more developing phases in all over the world and in India. Its application in India is way far from its full strength which could be enforced in the legal system. To see Artificial Intelligence as a friend or foe, would entirely depend on the legislations to be made in this regards. Artificial Intelligence could play a vital role in enhancing the legal system in India. To assist lawyers, paralegal, and litigants both with the quantitatively and qualitatively – to understand the correlations between the case studies which a human eye cannot notice. At the end of the day, a lawyer will play an important role in handling the cases which are complex of legal framework work with their highly specialised and unique expertise, and lawyers who are enabled with the Artificial Intelligence would be more productive and will eventually help them to represent more case with great effectiveness and efficiency. There is a quote "*Artificial Intelligence is going to change the world more than anything in the history of mankind. More than electricity*." [10]

Recommendation

Artificial intelligence can lead to a great scope in the legal sector. It is providing great help in utilising the time. Some of the recommendations are as follows:

- *Due diligence* - to check an agreement, conduct legal studies or appearing digital discovery functions to do due diligence, Artificial Intelligence legal software program will help in a time-effective due diligence.
- *Prediction era* - artificial intelligence prison software program additionally will help to predict the probable final results of the cases being adjudicated earlier than the courtroom of law.

[10] Venture capitalist: AI will displace 40 percent of world's jobs in as soon as 15 years Cbsnews.com, https://www.cbsnews.com/news/venture-capitalist-kai-fu-lee-ai-will-displace-40-percent-of-worlds-jobs-in-as-soon-as-15-years-60-minutes/?source=techstories.org (last visited Apr 28, 2020)

- *Legal Analytics* - synthetic intelligence presents for the records factors from beyond legal case guidelines and also affords decisions and precedent law to be used by legal professionals in their gift instances.
- *Automation of Documentation*- by way of simply filing the desired files which you desire to incorporate to your felony document get your files prepared inside minutes.
- *Highbrow assets* - equipment of artificial intelligence helps in imparting the insights into the Intellectual Property portfolios, i.e. seek and registration of a hallmark, Patent, Copyrights etc.
- *Digital Billing* - legal software artificial intelligence additionally helps the legal professional and firms in making ready the invoices as per the work executed by them. It makes for accurate billing for the work finished by an attorney. As a result, helps both legal professionals and clients.

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