Artificial Intelligence and Law in India

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Abstract

Artificial Intelligence (AI) is rapidly transforming the legitimate landscape across the globe, and India is no exception. As the country embraces digital innovation, the integration of AI into the legal domain presents both promising opportunities and significant challenges. AI applications in India's legal system are being explored in areas such as legal research, predictive analytics, contract analysis, and case management. Tools like AI-driven legal databases and chat bots are enhancing efficiency and accessibility, particularly in the context of a judicial system burdened with a massive backlog of cases.

Regardless of these expansions, the deployment of AI in law raises critical legal and moral concerns. Issues related to data privacy, algorithmic bias, accountability, and transparency become particularly complex in the Indian context, where digital literacy and regulatory oversight are still evolving. The absence of a comprehensive legal framework specifically governing AI further complicates matters. While initiatives like the Personal Data Protection Bill and the Digital India program lay foundational steps, they are not sufficient to address the nuanced legal implications of autonomous decision-making technologies.

Moreover, the use of AI in judicial functions raises constitutional questions around fairness, due process, and the right to a fair trial. The risk of relying on opaque algorithms in judicial or quasi-judicial decision-making challenges the fundamental principles of natural justice.

India stands at a critical juncture, requiring a well-adjusted approach that inspires innovation while ensuring robust regulatory mechanisms to safeguard rights and uphold justice.

Interdisciplinary co-operation among legal experts, technologists, and policymakers is essential to develop a legal framework that is adaptive, transparent, and inclusive.

In conclusion, AI holds transformative potential for India's legal system, but its integration must be guided by ethical considerations, legal safeguards, and a commitment to constitutional values.

Keywords: Artificial Intelligence (AI)**,** Legal Framework**,** Judicial System**,** Algorithmic Bias, Data Privacy**,** Ethical Considerations

Introduction

The term artificial intelligence refers to the simulation of human intellectual processes by machines, notably computer systems. Artificial intelligence (AI) differs from natural intelligence in that it is expressed by machines rather than humans or animals. AI applications include advanced online search engines, recommendation engines (used by "YouTube, Amazon, and Netflix"), "voice recognition software" (such as "Siri or Alexa"), self-driving cars (such as "Tesla"), and top-tier competitive gaming systems. As robots get more complex, tasks that are thought to need "intelligence" are increasingly omitted from the concept of AI. Although it is still in its early phases, various countries, law firms, and judiciaries are increasingly incorporating AI into the legal system. It provides attorneys with cost-effective solutions by revealing legal errors in choices, assisting with contract drafting, due diligence, and legal analytics, among other responsibilities. In this way, AI can help reduce the court's burden, notably in instances involving lesser offences, allowing human judges to focus on more difficult ones Although the use of AI in law has the potential to increase efficiency and reduce costs, it also raises concerns about privacy, discrimination, and accountability. AI in the judicial system creates ethical and legal concerns. For example, how do we make AI systems more easily accessible and accountable? How can we eliminate bias in AI decision-making? What is the role of solicitors in a world when artificial intelligence can do legal tasks? These are some of the questions that this research paper hopes to solve .

Meaning of Artificial Intelligence

There are numerous methods to addressing this issue, but one way to start is to explore the kind of problems that artificial intelligence technology is typically used to solve. In similar sense, we

might define AI as utilising technology to automate processes that would ordinarily need human intelligence. This explanation of artificial intelligence emphasises that the technology is typically concentrated on systematising types of tasks—those that are thought to need intelligence when carried out by people

AI refers to the ability of machines to execute mental tasks associated with human brains, like perception, reasoning, acquiring knowledge, communicating with the environment, resolving issues, as well as performing creativity. Artificial intelligence refers to computer systems that can execute complicated tasks normally performed by humans, such as reasoning, decision-making, and invention .

There is no one, easy definition of "artificial intelligence" because "artificial intelligence" systems may perform a wide series of functions and outputs, but NASA adheres to the definition provided in "EO 13960", which cites Section 238(g) of "the National Defence Authorisation Act ,2019" as under:

- An artificial system may learn from experience and improve performance when exposed to data, allowing it to complete tasks under unpredictable situations.
- "An synthetic system created using computer software, physical hardware, or other means to solve tasks that require human-like perception, cognition, planning, learning, communication, or physical action".
- Intellectual architectures and neural networks are examples of artificial systems that are meant to think and act like humans.
- A set of methods, including machine learning, used to mimic cognitive activity.
- An artificial system meant to function rationally, such as "an intelligent software agent or embodied robot", accomplishes goals through sensing, "planning, reasoning, learning, communication, decision-making, and action".

The Intersection of "Artificial Intelligence and Law"

"Artificial intelligence (AI)" is transforming several sectors by offering superior technology solutions to complicated challenges. The law sector is no exception. "AI" has the ability to alter the legal field in a variety of ways, including automating mundane operations and improving the correctness of legal analysis. The application of AI in the legal business has already begun to

expand, and the potential for additional growth is enormous. This article investigates the interaction of artificial intelligence and law, namely the many uses of AI in the legal profession, the ethical implications of AI in law, and the future of AI in law".

The legal services sector is not exempted to the digital transformation that has affected many sectors of the economy. Artificial intelligence (AI) has the potential to alter the field of law by boosting the accuracy of legal procedures and automating legal occupations.

AI technologies, including machine learning algorithms, natural language processing (NLP), and computer vision, are already changing the legal environment. AI-powered systems may now handle duties formerly reserved for attorneys, such as legal research, contract assessment, and prediction of case outcomes.

"AI in the legal business is still in its infancy, but its use is growing quickly. According to a survey by Grand View Research, the worldwide legal AI market size was about $714.4 million.

In 2020 and is predicted to rise at a compound annual growth rate (CAGR) of 37.9% between 2021 and 2028 (Grand View Research, 2021)". According to the research, this development is driven by an increase in demand for legal process automation, growing legal expenditures, and the need for effective contract administration.

AI is a science and set of computer technologies inspired by how humans utilise their neurological systems to detect, learn, reason, and act. These new technologies have helped a variety of industries; nonetheless, there is concern that they will be exploited or employed in unexpected and perhaps detrimental ways. While the application of AI in law has the ability to improve efficiency and save costs, it also raises questions about privacy, prejudice, and responsibility. Using AI in the judicial system raises ethical and legal issues .

"AI has an opportunity to transform the legal profession in a number of ways. From automating routine tasks to boosting the accuracy of legal analysis, the use of AI in the legal industry has already begun to spread, with huge potential for future expansion. This article analyses the interplay between artificial intelligence and law, particularly the various uses of AI in the legal profession, the moral ramifications of AI in law, and the likely future of AI in law.

Because the legal profession in India is still considered labour-intensive, the entire procedure must be conducted manually. As a result, AI continues to be in its early phases, with many older

proponents believing that technology should be utilised with caution since it may eventually take over mankind, and so rejecting the notion of AI in legislation . Having said that, many tech-savvy solicitors, as well as large law firms, are leveraging technological improvements to achieve a competitive advantage.

We are all aware that the Indian legal system   is large as 'our Constitution' alone being the world's longest document; so, in order to keep up with the changing times, it is vital to apply AI in law. In realm of legal research, attorneys may employ machine learning technologies to get unparalleled insight into the legal world in seconds. "Cyril Armarchand and Mangaldas" is one such company that has recognised "AI's potential & is aggressively implementing it. CAM made history by being the first Indian legal firm to license "Kira," a machine learning technology created by "Kira Systems in Canada".This AI-based software is capable of handling a wide range of tasks, saving time and effort. The "Kira technology" is used to analyse legal papers, identify potential   hazards,   and   extract   provisions   from   various   legal   documents. "Artificial intelligence (AI)" is quickly transforming India's legal environment. Artificial intelligence is used to systematise processes, enhance operations, and make smarter judgements. However, the application of "AI in the court system" creates several legal and ethical concerns.

One important fear is that "AI may be used to exclude specific groups of people". For example,   AI-powered algorithms may be used to determine who is eligible for a loan or a job, and these judgements may have an impact on definite groups of individuals .

Another fear is that AI may be used to violate "people's right to privacy". AI-powered systems gather and analyse massive quantities of data , which may then be used to monitor people's activities, habits, and preferences. This can result in a loss of privacy and decrease people's control over their data . Finally, there are fears that AI is being utilised to make judgements that are not in the public's best interests. AI systems are capable of drawing useful inferences, classifications, and categorisations, and its application spans industries from advertising to law enforcement . The profiling permitted by their use fundamentally affects our perceptions of privacy and anonymity, both online and off.AI systems' capacity to extract information from data, identify patterns, and forecast trends implies that seemingly insignificant information may be mined to the point of relevance and intimacy.

For example, "AI-powered algorithms can be used to make resource allocation decisions that do not take into account the needs of people most affected. The Indian government is aware of the legal and ethical concerns associated with the use of AI in law enforcement. In 2018, the government issued the National AI Strategy, which outlines numerous principles for expanding the role and use of AI".

These values involve making sure that AI is applied properly and equally, respecting "people's right to privacy and promoting human rights". The government is also working on particular legislation and regulations to oversee the use of AI in the legal system . In 2020, "the government passed the Data Protection Act, which governs the acquisition, use, and exchange of personal data. This law includes precise restrictions governing the use of AI for legal reasons. Although the application of AI in law enforcement is still in its early stages, it is apparent that AI has the potential to transform the way the law is applied".

"The Indian government is taking measures to guarantee that AI is used responsibly and ethically, and we expect to see additional legislation and regulations governing the use of AI in the judicial system in the coming years".

Global Development of AI: A Historical Overview

The relationship between AI and law extends back to the 1970s, when academics began investigating the prospect of utilising AI to automate legal thinking and decision-making. The early years of AI and law were defined by an emphasis on rule-based systems that made decisions using explicitly specified rules.One of the first and most significant systems was MYCIN, a computer software created at Stanford University in the early 1970s. MYCIN was created to identify and cure infectious illnesses, but it also proved the possibility of employing AI to reason with ambiguous and partial knowledge, which is a significant difficulty in legal reasoning

In the late 1970s and early 1980s, academics began to investigate the use of artificial intelligence (AI) in legal applications such as document retrieval and case reasoning. The inaugural AI and Law conference, held in 1987, brought together researchers and practitioners from both domains to examine AI's potential in law .

Throughout the 1990s and 2000s, the use of AI in law expanded, with new applications including legal expert systems, natural language processing, and machine learning. The late 1990s saw the rise of the internet and electronic databases, allowing for the establishment of large-scale legal information bases that could be utilised to aid legal decision-making . AI has improved and grown more widespread in recent years, with applications ranging from predictive analytics to contract analysis and e-discovery. Legal technology businesses have developed to create and sell AI-based solutions for legal practitioners, and many law firms and agencies have begun to use them to increase productivity and cut costs .

Notwithstanding these advances, the use of AI in law remains contentious, raising a variety of ethical and legal concerns. As AI advances, it is expected that the connection between AI and law will also alter.

Legal Perspectives on "Artificial Intelligence in India"

The legal market is one of the world's largest, valued at almost $1 trillion globally. At the same time, it is not digitalised. For better or worse, the legal profession is cultured, famously reluctant to accept new technology, and attorneys keep depending on long-established solutions. This might alter during the next several years . AI has the ability to transform how legal professionals operate and how ordinary citizens perceive the law in India. This procedure is underway. Legal research is one of the most significant applications of AI in the subject of law.The Indian legal system is dynamic, and attorneys can quickly get unique insight into the law by using smart talents. AI can equal the cost of legal research while providing the same level of quality. It can give valuable tools for lawyers to better counsel their clients.

AI is increasingly changing the legal environment. AI is being utilised to automate jobs, increase productivity, and make more informed judgements. However, the application of artificial intelligence in the judicial system creates certain legal and ethical difficulties . Nowadays, with the use of contemporary technology, most industries have grown more efficient and effective. However, contemporary technology is not widely used in the legal profession. To make advances, they must first implement age-old technology and file-handling systems. As a result, there is a strong desire in the legal profession to become acquainted with current technology . In this instance, they may readily use AI technology to improve the efficiency of their

progress.Furthermore, the Supreme Court of India has frequently relied on it as a vital aspect of democracy, finding that this freedom covers the right to know.AI has a significant influence on freedom of speech, given the growing dependence on these technologies for online content regulation and the growing usage of AI applications in daily life, such as smart assistants and autocorrect technology on mobile devices.

Uses of AI in Legal Industry

AI technologies such as machine learning algorithms, natural language processing, and computer vision have several uses in the legal the workplace. Some of the most popular uses of artificial intelligence in law are covered here.

Document Automation

'Document automation' enables law firms to prepare documents using intelligent templates; legal practitioners may automatically complete form fields straight from case data into templates, saving time and effort. Legal document automation is a centralised and efficient method for creating letters, agreements, motions, pleadings, bills, invoices, and other legal documents.

Due Diligence

Due diligence frequently needs legal specialists to evaluate a huge number of documents, such as contracts. As with other document-related difficulties, AI can assist legal practitioners in reviewing documents more swiftly. An AI-based due diligence system may retrieve specific documents needed for due diligence, such as those containing a certain phrase. AI due diligence software may also identify differences or modifications in documents. What is the best part? AI can process papers in seconds. While we still advocate that humans evaluate the data, attorneys can benefit from significantly decreasing the manual labour of document review.

Artificial Intelligence in Lawsuit Analysis.

Analysing the feasibility of litigation or estimating the worth of a lawsuit necessitates a thorough

examination of precedent-setting decisions. Lawyer AI can swiftly examine these precedents and assist attorneys in creating more accurate and relevant papers depending on the facts.

Artificial Intelligence in Legal Research

Legal research takes time, and attorneys must read and evaluate a significant number of legal papers. AI-powered platforms like LexisNexis, Westlaw, and Bloomberg Law can help attorneys do legal research more effectively. These technologies utilise machine learning algorithms to evaluate legal texts and extract pertinent information. This allows attorneys to locate relevant cases, legislation, and regulations more quickly and precisely. Legal research is one of the most common uses of artificial intelligence in the legal business. Traditionally, "legal analysis entailed manually searching through legal databases and case law for pertinent information. This procedure might take hours or even days, making it both time-consuming and costly for law firms. Artificial intelligence-powered legal research technologies, such as LexisNexis, Westlaw, and Fast Case, have altered the legal research process by producing more efficient and accurate findings". 'Artificial intelligence'-powered legal research tools employ natural language processing (NLP) 'algorithms' to evaluate legal material and discover relevant cases and legislation. These tools may, immediately identify the most relevant concerns based on a search query, allowing for faster and more accurate legal research. Furthermore, AI-powered legal research tools can offer insights into legal precedent, allowing attorneys to make better educated conclusions.

Contract Analysis

'Contract analysis' is another use of artificial intelligence in the legal business. Contract analysis is reading and evaluating legal papers to determine significant words and clauses. Traditionally, contract verification was a lengthy and difficult procedure that required attorneys to scan and check each document. AI-powered contract analysis tools, such as Kira Systems and LawGeex, have accelerated and streamlined the process .

AI-powered analytics solutions examine legal texts and discover key terms and phrases using natural language processing algorithms. This program can swiftly detect keywords and phrases such hyphenated words, disclaimers, and non-matching terms. AI-powered contract analysis

tools may also examine legal documents to identify discrepancies and similarities, making it easier to form new contracts or modify old ones.

Predictive Analytics

Predictive analytics is another use of artificial intelligence in the legal business. 'Predictive analytics' entails utilising data and computers to forecast future results. Predictive analytics can help forecast case outcomes, identify potential hazards, and give insights into legal strategy. 'Predictive analytics is an area' of 'AI technology' that has enormous potential in the legal business. Predictive analytics entails utilising data and computers to forecast future results. Predictive analytics can help forecast case outcomes, identify potential hazards, and give insights into legal strategy. AI-powered predictive analytics platforms like,"Blue J Legal and Premonition employ machine learning algorithms to examine case law and forecast legal outcomes".

These instruments can provide information on the expected result of an issue, helping attorneys to make more informed judgements and provide better advise to their clients. Furthermore, predictive analytics may detect prospective hazards, like as compliance with regulations difficulties, before they turn into legal problems .

AI and Indian Judiciary

When we examine the Indian court system, we observe that there are judicial delays. The judiciary is overcrowded with nearly three crore unresolved cases, causing undesirable delays in providing justice to the people; as the saying goes, justice delayed is justice denied . As a result, numerous attempts are being made to enhance the present scenario, such as reducing vacation time and increasing judging strength, but more has to be done, which is where Artificial Intelligence comes in. Every year, a huge number of comparable cases are filed, necessitating the use of data science and artificial intelligence (AI) to aid courts by utilising predictive technology to offer important information about present cases based on recent instances of a similar sort . According to research, AI can be quite beneficial at the evidence stage, which is an important consideration in any legal matter. Because it is such a critical step in any case, it takes up a large amount of court time. AI-assisted analysis can help judges make speedy conclusions . Multiple

delays are frequent at this stage for a variety of reasons, including delays caused by the investigation in charge, the lack of witnesses, and so on. Al technology's job in such scenarios would be to foresee probable delays, which would aid judges because they would know what causes the aforementioned delays in comparable cases, such as murder . This predictive technology will benefit judges by allowing them to handle the burden of each case correctly. It would also let courts take proactive steps to keep witnesses from becoming hostile by giving them with more police protection.

This is without a doubt one of the most important points: the Chief Justice of India feels that adopting AI technology into the legal and judicial systems will be advantageous. If it is implemented with a proper legal framework that specifies rules and restrictions, it will greatly benefit the Indian court system .

Legal and Ethical Issues Emerging from the Use of AI in Legal Practice

The application of AI in legal practice poses a number of 'legal and ethical concerns'. The changes brought about by the use of AI technologies include the core principles of the law controlling attorneys, as well as professional duty, such as accuracy and accountability, confidentiality, transparency and trust, competence supervision, communication, and mistake liability. These legal and ethical problems may be divided into six categories:

- Accuracy and responsibility .
- 'Ensure transparency',' trust, communication', and 'effective representation'.
- Fairness and bias.
- Privacy, 'data protection', 'conflict of interest', and 'obligation of confidentiality'.
- Absence of 'human judgement and interpretation'.
- Job dislocation and 'loss of domain expertise'.

Accuracy and Responsibility

'The use of AI tools in legal practice presents accuracy and liability concerns. To what degree are attorneys accountable if they utilise AI solutions to satisfy client demands and a problem arises? AI systems can make mistakes or deliver inaccurate information, which might have major legal ramifications. AI systems may provide legal interpretations or findings that contradict established legal standards, thus leading to improper advice or acts. The quality of a smart virtual assistant's replies will be determined by its programming and training data, and it is critical to validate information in real-world legal practice. All attorneys interviewed stated that one of their key worries about employing AI technology is accuracy, "and that they will still need to double-check any results. Interviewees were generally satisfied with AI implementing automation-based activities such as contract drafting and legal research; nevertheless, many voiced reservations about enabling it to perform synthesis and analytic work such as addressing customer enquiries. In relation to shortcomings with the tools used, lawyers interviewed stated that these are not as developed as one might think and require quite a bit of work to get up to standard - the first thing a firm should do before incorporating a new tool is to have it checked by information security or cyber security teams before using it.

If AI technologies are utilised to help make legal judgements, the question of who is accountable for such conclusions emerges. When an AI system makes a choice, it is difficult to tie the accountability of the algorithm to the duty of the individual. This may entail problems of professional duty and accountability. If legal AI creates mistakes or errors in legal services, who is liable, and how? Determining culpability for these failures may be challenging, particularly when AI is involved. Challenging considerations arise regarding the allocation of duty between the originator or developer of a defective software solution and the legal firm that utilises it. The automated nature of AI makes it hard for the individuals impacted to comprehend and understand the procedures and techniques used by AI systems to make decisions.

Ensure transparency, trust, communication, and effective representation

The complexity caused by AI's effect on the legal profession is also altering the interaction between attorneys and their clients. The obligation of attorneys to offer precise information and not mislead their clients may become difficult when employing AI tools. This is because the use of AI in the practice of law has an impact on legal advisers' responsibility and professional

responsibilities to their clients . Lawyers are obligated to give competent counsel and clear information to their clients. AI may, make compliance with such duties more difficult and complex for a variety of reasons. The meaning and consequences of 'technical competence' extend beyond AI solutions but have particular relevance to AI tools. Lawyers need to comprehend AI tools in order to explain and utilise them effectively. Lawyers contacted for this study had no AI training, and several acknowledged that the legal profession in general is extremely 'conservative' and resists new technological breakthroughs. Any future usage of AI will need attorneys upgrading and learning at least the fundamentals of these technologies.

Advocates have an express responsibility to communicate with their clients about important concerns related to legal services. Thus, attorneys must not only be proficient in the use of AI, but also comprehend it well enough to explain the issues surrounding the selection, use, and supervision of AI technologies. A lawyer questioned for this brief stated that attorneys should approach AI tools as young associates: they may be a tremendous asset, but lawyers must invest, oversee, verify, be sceptical, and give them opportunity to show themselves.Furthermore, the AI technologies lack transparency. Lawyers are expected to communicate with their clients in specified ways, including quickly informing clients of any choice or scenario that requires informed consent. Lawyers' present digital literacy may be limited, and even specialists struggle to trace how an AI system reached a conclusion due to the 'black box' problem: the workings of AI algorithms can be complicated and opaque.

Lawyers and clients may struggle to grasp how AI comes to its findings, which raises questions about openness and trust in addition to responsibility. Because, there may not be appropriate documents included into decisions for verification, there may be insufficient information to reconstruct the decision process and hence determine why the AI tool arrived at a certain result. The lack of transparency and difficulties in accountability in AI applications may imperil the ideals safeguarded by due process of law. Finally, artificial intelligence such as neural networks can learn on their own and acquire properties that were not originally planned for in the AI design process . Additionally, AI technologies may present information that appears to be correct but is incorrect. This implies that these technologies may be unexpected, posing high risks of mistakes and potential client harm.

The widespread deployment of 'AI in the legal business' necessitates the 'confidence and approval of legal professionals, clients, and the general public'. Concerns concerning AI's dependability, openness, and potential biases must be addressed in order to create confidence and ensure the effective integration of AI technology .

Fairness and Bias

AI systems may accidentally perpetuate biases seen in training data, resulting in biased outputs. This can lead to uneven treatment or unfair outcomes, breaching the principles of fairness and equal protection under the law. Ensuring that AI systems be trained on varied and representative data to prevent propagating prejudices is an ethical obligation; algorithms employed in AI systems should be transparent, explainable, and devoid of biases that might influence decision-making and contribute to systemic injustice. A lawyer questioned for this research stated that prejudice in AI tools is similar to bias in humans, and humans are not flawless; when a person performs a piece of work, it is seldom completely correct, which is why checks and balances are in place .

Privacy, Data Protection, Conflict of Interest, and Obligation of Confidentiality

"Integrating AI technology into legal practice raises concerns about privacy, confidentiality, and compliance with data protection rules. AI frequently demands access to sensitive legal information and papers. Ensuring effective data protection and avoiding unauthorised access is critical for protecting client confidentiality and complying with privacy laws. Lawyers are obligated by law to safeguard client confidentiality and are not authorised to represent clients in conflict-of-interest cases. AI solutions frequently need the collecting and organisation of vast volumes of data, which may contain personal information from several clients .

Without adequate oversight, this personal information may be stolen and released. All of the lawyers interviewed for this brief voiced worry regarding the confidentiality of the information, where it is maintained, and who may have access to it. In the absence of previous notice and consent, the collecting and processing of case information by AI may increase the risk of violating privacy rights and data protection laws. Interviewees were also concerned about

maintaining client anonymity; they would not feel comfortable uploading client data to a cloud that may be accessible outside of the legal business .

Lawyers are expected to safeguard, all client information against both deliberate and unintentional exposure. A fundamental ethical obligation for attorneys is to ensure that the employment of AI solutions does not jeopardise their duty to protect client confidentiality and the attorney-client privilege. As such, AI systems must secure client data and maintain tight secrecy. In addition, conflict of interest concerns may occur; for example, legal firms may use a client's data to create a service that benefits another client. If AI technologies have a significant effect on legal judgements, clients' autonomy may be jeopardised .

Advocates that utilise AI technologies must educate their clients about their usage, the potential consequences, and gain informed permission from them. Legal experts must assess whether clients are completely capable of making informed judgements when AI is involved. If customers receive assistance or advice from AI systems, they must understand the limitations and repercussions. Clients should be well-informed about the role of AI in their legal affairs.

Absence of Human Judgement and Interpretation.

Legal practice frequently needs 'complex judgement and interpretation'. Relying on, AI systems may lead to a loss of human insight, empathy, and contextual knowledge. The adoption of artificial intelligence (AI) into the legal profession has the potential to revolutionise public perception and confidence. Clients who get automated legal counsel may eventually lose confidence and faith in the legal profession. The human part of the lawyer-client interaction is required to develop trust, understanding, and empathy, which may be damaged if attorneys rely too much on AI technologies. Thus, if a smart virtual assistant is utilised to provide preliminary legal advice, it may not completely comprehend the client's needs; it may also lack the same level of feelings for others, personal connection, and legal innovation as a lawyer. For example, by detecting a current dispute or risk problem based on previous data, an AI tool may screen out specific information that is critical to separating an individual instance from a class case. The use of AI technology may enable consumers to receive answers more quickly and at a cheaper cost . Automated legal duties may provide attorneys more time to use emotional intelligence and deliver innovative and strategic advice to clients. However, due to the complexities of situations

and human nature, individuals increasingly rely on attorneys to meet emotional and psychological demands. Furthermore, AI does not yet make effective use of creative thinking, which is one of the prerequisites for a competent lawyer. A lawyer contacted for this brief stated that AI technology is wonderful, but it is nothing near what is required of a lawyer - attorneys want data that is compelling to a court; AI can assist lawyers in getting there, but it cannot take them there entirely. AI is now incapable of coming into a courtroom and reading the room. Lawyers emphasised the significance of the human element; human judgement remains the essence of the legal profession, for better or worse.

'Job Dislocation' and 'Loss of Domain Expertise'.

Finally, the use of AI in legal practice may result in employment displacement among attorneys and legal professionals. If routine and repetitive legal tasks such as discovery, legal research, contract drafting and review, and due diligence are eventually delegated to clever virtual assistants, young attorneys may be unable to get actual legal experience. Certain legal duties, such as document assessment and legal research, might be automated using AI, potentially displacing certain legal practitioners. A lawyer interviewed for this brief stated that legal job would not be replaced by AI, but rather by those who understand how to use AI.

'AI systems' are strongly reliant, on the quality and amount of accessible data. In some specialised or specialist areas of law, low data availability might hinder the efficacy of AI applications. AI systems may struggle to deal with sophisticated, nuanced legal issues that need extensive subject knowledge. Finally, AI systems that create legal papers or give legal advice may be considered practicing law without a licence in some jurisdictions, raising concerns about legality.

Can AI be given Legal Rights and Duties?

The subject of whether artificial intelligence (AI), may be given legal rights and obligations is complicated, and legal experts and politicians are still discussing it. There are several reasons in support of granting AI legal rights and obligations.

One argument is, that AI is growing more smart and capable of making critical decisions that affect people's lives. For example, AI-powered algorithms are now being used to determine who

is eligible for a loan or a job, and these judgements may have a significant influence on people's financial and economic well-being. If AI makes such judgements, it is suggested that it should be held accountable and have the same rights and responsibilities as people.

Giving AI legal rights and obligations would also assist safeguard individuals from the potential damage that AI may do. "For example, if artificial intelligence is utilised to construct autonomous weapons systems, clear laws and regulations must be in place to guarantee that these weapons systems are not deployed in ways that violate human rights. Giving artificial intelligence legal rights and obligations would assist to guarantee that these weapons systems are utilised responsibly and ethically.

However, there are various considerations against granting AI legal rights and obligations. One argument is that artificial intelligence is not a person and so does not have the same moral position as humans. AI systems are basically machines designed to execute certain jobs. Thus lack the same ability for cognition, emotion, and experience as humans, and thus cannot be held ethically responsible for their acts in the same way that people can.

Another justification, against granting AI legal rights and responsibilities is that it would be hazardous. If AI is granted the same rights and responsibilities as people, it may jeopardise human safety and security. For example, if AI is granted the ability to possess property, it may exploit that property to hurt people. Alternatively, if AI is granted the power to vote, it may vote for candidates who will damage humans.

Finally, the topic of whether or not to provide AI legal rights and obligations is difficult and will have to be determined on a case by case basis. There is no easy answer, and there are compelling arguments on both sides of the question.

Conclusion

Finally, "the intersection of artificial intelligence and law has the potential to significantly transform the legal sector. Integrating artificial intelligence technology into numerous legal procedures has shown to be efficient, accurate, and cost-effective. AI algorithms can assist legal practitioners with document review, analysis of cases, and decision-making procedures. However, integrating AI into the legal business creates a number of ethical and legal difficulties.

The application of AI in decision-making processes may result in violations of core legal norms such as transparency, accountability, and due process. AI may potentially result in biased choices and prejudice against some persons or groups .

To address these issues, legal experts and legislators must guarantee that AI systems are more open, responsible, and follow legal and ethical guidelines.They must also guarantee that AI systems are audited and reviewed to detect and remedy any potential biases or inaccuracies". Overall, artificial intelligence has the potential to improve the efficiency and effectiveness of the legal business while lowering costs. To minimise unexpected outcomes, "AI systems must be open and responsible, as well as adhere to legal and ethical norms. Artificial intelligence has the potential to transform the legal sector by increasing efficiency, lowering costs, and simplifying mundane processes. However, applying AI in law creates serious ethical and practical difficulties. Legal practitioners must address the ramifications of employing AI technology in their practice and ensuring it's implemented professionally and ethically".

"While there are hurdles to applying AI in law, with careful analysis and adequate application, AI technology can contribute to a more efficient and effective legal system. The interaction of AI and law is becoming more relevant. The use of AI in legal-applications has the potential to transform the legal sector, making legal services simpler and more effective for customers. However, like with any new technology, incorporating AI into law brings ethical and legal concerns that must be addressed.

"One of the primary advantages of AI in law is its capacity to automate repetitive processes like document inspection and contract analysis. This can save time and lower the cost of legal services, making them more affordable to individuals and small enterprises.
AI may also help with legal decision making by giving more accurate forecasts and insights based on massive volumes of data".
Most lawyers, still need to begin their documentary and other contracting obligations. Without utilising new technology elements. They are still using hard files and sheets as they advance. At the very least, the majority of them are utilising non-legal software . Similarly, "Reasoning and Argument" remains restricted to human attorneys . However, an upgraded AI lawyer can simply and efficiently identify information, make proper choices, and reason within seconds. Legal papers and contracts may also be analysed using AI technology.

However, the application of AI in law presents issues of prejudice and transparency. AI algorithms are only as impartial as the data on which they are trained, and if the input includes preferences, the algorithm will be biased. This can result in biased outcomes for specific groups of individuals. Furthermore, applying AI in law raises concerns about transparency and accountability. When an AI system makes a decision, it might be difficult to comprehend how it was made and who is accountable for it.

Another issue is the influence of artificial intelligence on the legal profession. While artificial intelligence has the potential to improve legal services, it may also cause job displacement for attorneys and paralegals.

Overall, the application of artificial intelligence (AI) in law is a complicated and diverse topic that must be carefully considered and evaluated. Policymakers, legal experts, and the general public must collaborate to guarantee that the advantages of AI are achieved while simultaneously mitigating possible dangers and problems. With proper preparation and implementation, AI has the potential to transform the legal sector, making legal services more accessible and efficient for everybody.

'Technological advancements' have altered the legal landscape. When you consider, software intelligence, you may better picture the future of the legal profession. Legal practice is now client-centered. Legal papers are only a click away, and legal research is done using web applications. Lawyers and corporations use this software to create and evaluate contracts and case papers.

Artificial intelligence, has aided attorneys and 'small legal firms' by supplying them 'with data and resources'. In terms of services, it rivals well-established legal firms. Because of technological advancements, legal research has become the most significant component of legal practice. 'CD-ROMs and internet software', 'as well as advances in legal technology', have altered 'the way newspapers and journalists deliver legal services'.

Technological advancements are continually altering the environment of commercial law. It may be stated, that AI in law' offers several benefits. Help 'legal experts' hasten the inquiry. The gaming tools can aid the judges' decision-making. It helps legal firms with due diligence, data collecting, and other activities, making their job more efficient. It is beneficial to legal firms for due diligence, data collecting, and other tasks that advance their careers. Despite its numerous benefits, artificial intelligence cannot replace attorneys. Although technology can assist

individuals in certain areas of job, AI has a different level of reason and inventiveness than humans. The robots lack brains and awareness, and they are unable to focus on the judge. Integrating AI into the legal profession still presents several problems, including the vulnerability to different hazards. Legal frameworks must be built to control AI and avoid the exploitation of clients' data. The full advantages of AI can only be realised if there is law to govern AI activities and mitigate the hazards connected with AI.

References:

1. Article on Role of Artificial Intelligence in Law by Sanjna Shikhar Avialable on https://blog.ipleaders.in/role-of-artificial-intelligence-in-law/ Retrieved July 2, 2025.

2. Retrieved July 1, 2025, https://www.article19.org/wp-content/uploads/2018/04/Privacy-and-Freedom-of-Expression-In-the-Age-of-Artificial-Intelligence-1.pdf

3. Artificial intelligence, Eng. Oxford Living DICTIONARIES. https://en.oxforddictionaries.com/definition/artificial_intelligence. Retrieved June 26, 2025, https://perma.cc/WF9V-YM7C; see STUART J. RUSSELL & PETER NORVIG. *Artificial Intelligence*, *1* (2010 (3rd ed.)).

4. Atrey, I. (2023). Revolutionising the legal industry: The intersection of artificial intelligence and law, available at DOI. https://doij.org/10.10000/IJLMH.114947

5. Chatterjee, S., & N. S. (2022). Artificial intelligence and human rights: A comprehensive study from Indian legal and policy perspective. *International Journal of Law and Management*, *64*(1), 110–134. https://doi.org/10.1108/IJLMA-02-2021-0049

6. Retrieved July 1, 2025, https://www.clio.com/resources/ai-for-lawyers/lawyer

7. Dr Kaur, I. and (Late) Mr. Chander Gopal Puri , Impact of Artificial Intelligence on Legal Industry. (2021), DOI. IJLMHPage346-354, *4*(2). http://doi.one/10.1732/IJLMH.26062

8. Retrieved June 30, 2025, https://www.grandviewresearch.com/industry-analysis/artificial-intelligence-ai-market

9. *Law and artificial intelligence: Regulating AI and applying AI in legal practice*. (2022). T. M. C. Asser Press.

10. *Law notion: Report on use of artificial intelligence in legal practice*. (2023). British Institute of International and Comparative Law.

11. Retrieved June 30, 2025, https://legalpediaonline.com/artificial-intelligence-law/

12. Malluwawadu, G. (2019). *ArtificialIntelligenceandLaw*. https://doi.org/10.13140/RG.2.2.33904.28160

13. Marda, V. (2018). Artificial intelligence policy in India: A framework for engaging the limits of data-driven decision-makingPhil. *Philosophical Transactions. Series A, Mathematical, Physical, and Engineering Sciences* A.3762018008720180087, *376*(2133), Article 20180087. https://doi.org/10.1098/rsta.2018.0087

14. Marda, V. (2018). Artificial intelligence policy in India: A framework for engaging the limits of data-driven decision-makingPhil. *Philosophical Transactions. Series A, Mathematical, Physical, and Engineering Sciences* A.3762018008720180087, *376*(2133), Article 20180087. https://doi.org/10.1098/rsta.2018.0087.

15. Retrieved June 26, 2025, https://www.mckinsey.com/featured-insights/mckinsey-explainers/what-is-ai

16. *NASA*. Retrieved June 26, 2025, https://www.nasa.gov/what-is-artificial-intelligence/

17. Puttaswamyv, K. S. (2014)6SCC. UnionofIndia, *433*.

18. Russell & NORVIG, Supra Note 4, at 1. *Let us put aside, for this discussion, the considerable diverse range of views about what human "intelligence" is or how that word should be defined*.

19. Sheeba, N. (2023). *Artificial intelligences effects on the legal sector transforming legal practice*.

20. ShreyaSinghalv. UnionofIndia. *AIR2015SC1523*.

21. Wang, W. (2023). An analysis of the feasibility of artificial intelligence to replace lawyers. *Advances in Politics and Economics*, *6*(2). https://doi.org/10.22158/ape.v6n2p161