

The Impact of Artificial Intelligence on law: Transforming legal practice and Justice System.

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Abstract

“Artificial Intelligence bring tremendous revolution in the legal field all over the world. AI truly reshapes traditional legal practices and enhancing legal efficiency in legal field. Ai create tremendous changes in legal research, contract analysis, and case predictions. This research paper explores the transformative impact on its role in automating routine legal tasks, improving access to justice and optimizing decision making progress. Ai powered tools such as legal Chatbot and predictive analysis are streamlining case management and reducing the workload of legal professionals”.

Key words: AI, LegalTech, ML,NLP, Automated Legal Research,

Introduction

“Artificial intelligence reshaping the legal field. The collaboration of AI and law has significantly rice the efficiency, accountability and transparency. Use of Ai in legal sector increases legal ethics including issues related bias, transparency and legal correlation in AI based legal drafts. AI has potential to upgrade the efficiency and accessibility in legal field. While using the AI technology everybody must be careful regarding regulation and ethical considerations are essential elements. In the legal field every advocate during the practice must grasp various types of data, manage various types of legal proceedings and documents”.

Background of AI in Law

“AI transform every sector law field is also exception. AI transform with development of machine learning, Natural language Processing (NLP) and predictive analysis. Form the 80s and 90-decade start with the development of AI utilization in the field of Law. Program based judicial decision-making, computerized legal research were early used. Platforms like LEXIS and westlaw in 90s decade lawyers were conduct legal research using digital database”.

Importance of Ai in Modern Legal system

“Various types of legal work smartly done with the help of AI. Legal work like contract preparation and review of documents reduce manpower.AI e discovery tools or platforms like Relativity Airlaw Logikull (AI tools)help law firms to scan vast amount of legal documents for relevant evidence significantly reducing human efforts. Various AI models were developed in the legal field for predictive analysis and decision making. AI model in case prediction handle various aspects of the legal case like analyzing past case ruling, orders of judges and legal trends. In legal term contract various renounced companies like Lex Machina promotion of AI tools provide analytics like help law firms advocates in their legal work”.

Key advancement in legal technology

“AI driven virtual Chatbot tools provide simple operating methods for complex legal structure.AI based advance tools like chatbots and virtual legal assistance provide legal assistance. New online dispute resolution mechanism developed in the Indian Judiciary. This online dispute resolution mechanism reduces Burdon over judiciary. AI change traditional structure of legal sector. AI is augmenting rather than replacing legal professionals by allowing them to focus on complex and

high value task. In India legal field is rapidly evolving and it is required that lawyers should develop technological proficiency along with traditional legal skills. Day by day AI transform legal profession with the advancement in the Natural language processing and machine learning”.

AI play pivotal role in the legal system.

Legal ethics and AI

“In India developing legal provisions regarding AI. Bar Council of India upholds ethical standards. In 2023 **Digital Personal Data Protection Act, 2023**, come into existence. This act play pivotal role in use of AI and legal Ethics. In the term technology word “Data” play very pivotal role. Data may be personal, professional or commercial. Data protection morally safeguards individual privacy trust and prevents potential harms such as identity theft or discrimination. In the category of commercial data personal data has high value. In the case Justice K S Puttaswamy vs Union of India case held that right to privacy is intrinsic to fundamental right to life and personal liberty. The constitution must be interpreted liberty to allow growth and development with technological changes. The judgement held information privacy to be the part of right and noted the need for data protection law”.

Importance of Digital Personal Data Protection Act, 2023

“This act enacted on 11 August 2023. This act provide for processing of digital personal Data and need to process such personal data for matters connected therewith or incidental thereto. This act applies to processing within India and outside India in connection with the offering any goods/services within India. In the rule, three of this act explains that data fiduciary must provide clear, standalone notice to data principle with details on the personal data being processed its purposed, and service involved. It must also include easy understanding instructions for withdrawing consents and exercising rights under law. This ensure informed consent and transparency in data processing”.

“Rule 13 (2) of the Digital Personal Data protection explains. Rule 14 explains processing of personal data outside India this rule mandates that the transfer of personal data by data fiduciary to any country outside India whether the data proceed within the India or outside connection with offering goods and services to data principles in India, is subject to restrictions. The data fiduciary must comply with requirements set by central government which may include conditions for making personal data available to foreign states or entities under their control or agencies”.

AI based catboats and virtual Assistance

“Chatbot are AI based advance models in various fields. AI-powered Chatbot and virtual assistants have revolutionized customer service, legal assistance, healthcare, education, and business operations. These intelligent systems use Natural Language Processing (NLP), Machine Learning (ML), and Artificial Intelligence (AI) to interact with users, answer queries, and perform tasks efficiently. Chatbot are AI-powered software programs designed to simulate human-like conversations through text or voice interactions. They use predefined responses, NLP, and AI algorithms to answer user queries. Some Chatbot are rule-based (with limited responses), while AI-driven Chatbot (like ChatGPT) learn from interactions to improve over time”.

AI and governance in legal domain

“Indian government, judiciary and legal institutions widely using exploring AI based models. AI adoption in legal sector also increases concern about transparency biases, data privacy and ethical considerations with using. AI applications to enhance governance, streamline legal processes, and

ensure justice delivery. The Supreme Court of India has introduced SUPACE (Supreme Court Portal for Assistance in Courts Efficiency) an AI-driven tool to assist judges in research and case analysis. AI-based case filing and tracking systems reduce manual work and delays”.

AI and role of Advocate

“AI-powered tools help lawyers conduct research, draft documents, analyze case laws, and predict case outcomes, allowing them to work more efficiently. However, AI cannot replace the critical thinking, advocacy skills, and ethical reasoning of human advocates. Instead, AI acts as an assistant, augmenting legal professionals' capabilities. AI-powered legal research tools like Manupatra, SCC Online, and CaseMine help advocates quickly find relevant case laws, judgments, and statutes. AI summarizes long legal documents, reducing the time spent on manual research. NLP-based AI tools suggest relevant case precedents based on legal arguments”.

Conclusion

“In the legal-tech sector, AI brings more accuracy, accountability, efficiency and accessibility. AI make drastically change from routine legal work to streamline case management widen the scope and efficiency. Use of AI in legal field with the help of information technology. AI brings along with challenges also. Using AI in the legal field various challenges faced while suing it like ethical issues, deep fake risk of authenticity of AI based decision. With all these kind of challenges of use of AI it has vast potential to make legal field more accountable. AI technology proves that is more cost effective to advocates, firms, and businessperson. Day by day AI technology evolve with legal field and integrate with legal responsibility”.

Findings

- “AI brings automation in legal process.
- AI streamline Predictive analysis and decision-making.
- AI based legal tools make easy and affordable legal assistance.
- AI based Online Dispute Resolution brings revolution in Judiciary”.

Suggestion

- “Regarding use of Ai government must strengthen ethical and legal framework.
- Create awareness about use of Ai educational institutions to organize Ai based educational courses in their institutions.
- To reduce bias about use of AI in Law government must increase Efficiency and Accountability.
- Legal analysis must be done before executing AI based legal work.

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