

Technology Integration in Educating the Public about Law in the Digital Era

^{*1}Ananda Desafa Putri, ²Sandi Yudha Prayoga

^{1,2}Ilmu Hukum, Sekolah Tinggi Ilmu Hukum Adhyaksa, East Jakarta, Indonesia

*Corresponding Author:

desputt11@gmail.com

Abstract

The objective of this research is to explore the integration of technology in educating society about law in the digital era. The research employs a juridical normative research method. Data sources include legislative regulations and policies related to the discussed legal issues. Indeed, advancements in information technology have fundamentally changed how humans live their daily lives. Information technology enables us to quickly create, modify, store, communicate, and disseminate information globally. In this context, legal awareness or individuals' understanding of laws and regulations becomes crucial. Society needs a strong understanding of their rights and obligations in facing new challenges arising in the digital era. High legal awareness helps create a civilized society and ensures effective law enforcement amidst evolving technological changes and social dynamics.

Keywords: Technology Integration, Regulation, Digital Era

1. INTRODUCTION

Globalization is an inevitable phenomenon that is certainly occurring in the world today. In addition to providing significant economic benefits, globalization has a wide-ranging impact on various aspects of human life. It requires society to adapt to the changes that occur due to this phenomenon. (Yuniarto, 2014). In the rapidly evolving digital era, technology has become increasingly pervasive in our daily lives. Information technology has penetrated every aspect of life, transforming how we interact, work, and even understand complex concepts such as law. In this context, it is crucial to recognize the significant impact of information technology in enhancing legal awareness among the public. (Yuhelson, 2017)

The advancements in modern technology have paved the way for society to access legal information more easily and quickly, enabling individuals to better

understand their rights and obligations. In an era of rapidly evolving technology, legal awareness has become increasingly crucial. Recently, technological innovations such as the internet, social media, online platforms, and legal applications have significantly expanded public access to legal knowledge.

The development of law in Indonesia is currently highly influenced by the growth of the population and the evolving social dynamics of society. One aspect profoundly affected by this is technology. Advances in information technology have significantly impacted various aspects of human life, particularly in terms of social interaction. This phenomenon is evident in the increasing social communication activities using sophisticated and automated communication tools, which have fundamentally changed how humans interact. Technology has successfully replaced human labor with auto-machines, dramatically enhancing and accelerating processes. The discovery of new formulations in computerization has also shifted the role and capabilities of the human brain in various fields of science and daily activities. (Soekanto, 1977)

Currently, society has easier access to legal information, access legal resources, and participates in legal discussions through online platforms. For example, government websites and legal portals provide clear and comprehensible information regarding regulations, rights, and citizen obligations. Before the era of the internet and digital technology, people often faced difficulties in accessing legal texts, regulations, and court decisions relevant to their situations. However, with the advent of online platforms such as legal portals, legal databases, and government websites that provide legal information, this access has become more open and transparent. Legal databases are also highly beneficial in presenting legal information in a structured and organized manner. These platforms usually feature advanced search functions and indices that make it easier for users to navigate various legal documents. For instance, Westlaw and LexisNexis are two legal databases frequently used by legal professionals to access court cases, decisions, and other legal literature.

Social media facilitates individuals in sharing their stories, experiences, and knowledge about legal issues, ultimately helping to build collective awareness in

society. The ability of social media to fundamentally change the way communication and information sharing occur, including in the legal context, has become evident. Platforms like Facebook, Twitter, and LinkedIn have become widely used by legal institutions, advocates, and activists to disseminate legal information to the broader public. They not only publish the latest legal news but also provide brief explanations about ongoing legal cases or significant changes in legislation. One of the main advantages of social media is its ability to quickly reach a wide audience. Legal information disseminated through these platforms can often go viral, effectively creating significant awareness about particular legal issues in a relatively short time.

Legal applications, which provide direct access to laws, court rulings, and other legal tools, help the public become more engaged in the legal process. The development of mobile applications has transformed how society accesses legal information by providing instant access through smart devices such as smartphones and tablets. (Budiana, Sjahfira, & Bakti, 2015) These applications not only provide easy access to legal texts and case law but also offer additional features such as court schedule reminders, remote legal consultations, and legal risk assessments for businesses and individuals. Examples of popular applications include government apps that provide national legal information, legal institutions apps offering online legal consultation services, and legal media apps that provide the latest legal news updates. The convenience of access offered by mobile applications makes legal information more accessible to the general public, wherever they are, as long as they are connected to the internet.

Law is a fundamental pillar in every civilized society, and legal awareness is key to ensuring compliance, protecting rights, and enforcing rules. This article will discuss how technological advancements have transformed the way society understands and participates in the law. In an increasingly connected global context, the role of information technology in enhancing legal awareness is becoming ever more vital. Mertokusumo defines legal awareness as an individual's understanding of the essence of law, what law should accomplish, and the recognition of permissible and impermissible

actions. Legal awareness reflects the values individuals hold concerning the law (Bambang, 2008).

In general, information technology has brought significant changes with the support of available technology. In this digital era, information technology in the context of legal awareness is reflected in the dissemination of information via social media. Online platforms provide broad access to legal information, helping people to better understand the regulations that govern their lives. Legal awareness is at the core of a well-functioning society. This article will review the role and function of technology in helping society understand and realize the importance of law.

2. RESEARCH METHOD

The research method applied in this study is a normative juridical legal research method, with a focus on qualitative analysis to link existing problems with relevant types of analysis. This research approach involves the identification and in-depth analysis of the questions that arise related to the legal issues at the center of attention. According to (Sugiyono, 2006), The qualitative descriptive method is a research approach based on post-positivist philosophy and is used to investigate the natural conditions of the research object. The data sources utilized in this study include legislation and policies related to the legal issues under discussion. Additionally, the literature referenced encompasses books, journals, articles, and papers related to the use and implementation of blockchain technology. Furthermore, the references used also include legal encyclopedias and law dictionaries.

3. RESULTS AND DISCUSSION

Technology Law in Indonesia

Technological developments that cause disruption are not something that should be rejected but need to be studied carefully so that their shortcomings can be turned into opportunities that are beneficial in their use (Ramli, 2021). With the growth of the population and the evolving social dynamics in Indonesia, the importance of law has become increasingly apparent. The function of Law as a fundamental social control

mechanism is to maintain order in society, fostering progress and well-being. The development of law begins with the formation of legal frameworks, where the creation of new, specialized legal products, known as *lex specialis*, is an integral part of this process.

Technological advancements have significantly impacted society, with rapid changes affecting social structures and directly influencing the legal field. A clear example of this influence is seen in the context of Information and Communication Technology Law (ICT Law). ICT Law has developed as a legal discipline that regulates the use and impact of information and communication technology in modern society. Globalization also plays a crucial role in this dynamic, altering cultural norms, mindsets, and social behaviors, and shifting national sovereignty towards the power of transnational corporations, known as "global players." These giant corporations have extensive and robust economic networks, which increasingly reinforce their dominance over time.

Globalization can be described as the process through which world societies become interconnected in economic, social, political, and cultural domains, often associated with globalism or neoliberalism. It also reflects the impact of information technology on law in Indonesia. In the era of information and communication technology, we frequently encounter situations where these advancements bring challenges and difficulties to our lives. In the rapidly developing modern society, it is common to find that people sometimes become ensnared in unrealistic perceptions of the negative impacts that these technological advancements can have on human life (Hendro Setyo Wahyudi, 2014).

Information technology has become an essential industry capable of meeting basic business needs and other primary resources. This progress is evidenced by the existence of communication satellites that support telecommunications and various other needs such as radio and television broadcasting. Additionally, information technology has introduced various systems for disseminating information through telephone and computer channels, producing videotex, which allows users to access thousands of pieces of information directly from anywhere. The development of fiber

optics has also resulted in cable television systems with almost unlimited reach, enhancing the quality and speed of transmitting audiovisual content to users.

The loss of these fundamental values is reflected in the lack of human morality and ethics, making it impossible to establish a standard of truth or a solution for human problems. An example of the negative impact of technological advancement is criminal activities such as hacking, which disrupt information systems and threaten the security of personal data. To address this issue, Indonesia needs a robust legal system to combat technology-related crimes. The development of law in Indonesia elicits various responses from different perspectives, influenced by dynamics within law enforcement agencies and external factors. The slow adaptation between law and society can be improved by amending or adding to existing regulations. Legal interpretation and construction methods are tools used to adapt to changes, even though these changes are not always significant. Law is not only a part of the political process but can also be a progressive and reformist instrument in creating the necessary changes (Widianti, 2022).

Benefits of the Importance of Information Technology

Information technology aims to solve problems, open creativity, and increase effectiveness and efficiency in doing work. According to Sutarman, there are six functions of information technology, namely as follows:

- a. **Capturing:** Capturing involves receiving input from hardware such as keyboards, scanners, microphones, etc. In this function, data is generated which serves as the material for creating information that will be further processed or analyzed.
- b. **Processing:** Processing involves managing or processing the received input data to create information. Data processing includes converting data into different forms (conversion), analyzing conditions (analysis), performing calculations (calculation), synthesizing (synthesis), and handling various types of data and information.
- c. **Generating:** Generating involves making decisions based on the data that has been processed into information.
- d. **Storing:** Storing functions involve recording information and data into a medium that can be used for current or future purposes.

- e. Retrieving: Retrieving functions involve searching for and retrieving information and data that have been previously stored when needed for reuse.
- f. Transmission: Transmission functions involve sending data and information from one location to another using computers or telephones via connecting networks.

Technology has become a cornerstone of modern life, delivering significant benefits across various fields. One of its primary advantages is its ability to enhance operational efficiency. Through automation and computerization, technology has transformed production processes, administrative tasks, and service delivery within companies. It not only reduces time and costs but also improves accuracy and responsiveness in highly competitive business environments. Overall, technology has not only changed how we work and live daily but also expanded the boundaries of possibilities in an increasingly interconnected global society.

With ongoing technological advancements, we are faced with new challenges and opportunities to enhance the quality of life, productivity, and adaptability in an increasingly digital future. Confronting these changes, it is crucial for us to understand the characteristics and impacts of the digital era. Increasing awareness and proficiency in managing technology is key to optimizing the benefits offered by the digital age and mitigating potential risks that may arise.

The Role of Information Technology in Increasing Legal Awareness

Legal awareness is the understanding and appreciation of rules or laws that apply within a society by an individual or group. High levels of legal awareness are considered indicators of a nation's progress because they promote order, peace, tranquility, and justice in social interactions. The importance of legal awareness in society lies in ensuring that every individual voluntarily complies with the applicable laws without external pressure. With strong legal awareness, the need for legal sanctions can be minimized as people naturally adhere to regulations without external coercion, except in cases where legal violations are established.

According to Soerjono Soekanto, the primary factor influencing legal awareness is knowledge of the law. He suggests that indicators of legal awareness provide a

concrete picture of how well individuals understand and follow existing legal regulations. First, legal knowledge refers to the understanding that certain behaviors are regulated by law, whether written or unwritten. These behaviors include actions that are prohibited and those that are permitted under the law. The second indicator is legal understanding, which pertains to an individual's ability to comprehend and interpret existing rules and regulations.

As a society based on the rule of law, Indonesia experiences a close interconnection between law and society in key aspects such as legal awareness, legal culture, and law enforcement. Legal awareness is a crucial element for Indonesian society as it provides understanding and awareness of the role of law in social life. When individuals possess strong legal awareness, the law can regulate human behavior and manage interactions between individuals more effectively. Beyond mere rules, legal awareness also reflects the values individuals hold regarding existing or expected laws within society.

Currently, society has entered the digital era where digitalization has permeated various aspects of life. This era is characterized by technological advancements that have transformed how people receive information, conduct daily activities, and fulfill their needs more efficiently. In addition to facilitating daily activities, technology also impacts the legal field. With the progress influenced by technology, social life, law enforcement, and economic activities must adapt to existing technological developments. Technology has changed how individuals engage in various activities, including accessing legal information for Indonesian society. Today, people no longer rely solely on physical legal documents or direct consultations with legal experts. Information technology facilitates easy and fast access to legislation and relevant case studies through online platforms (Koloay, 2016).

Information technology plays a crucial role in enhancing public awareness of the law, especially through social media. Social media has become a platform utilized by many legal professionals to disseminate legal information to the general public. It has significantly contributed to improving the understanding of various legal aspects in Indonesian society, as they can access legal information more easily and quickly

through social media. However, challenges remain in Indonesia regarding low legal awareness among the population, reflected in high rates of violations of existing legal provisions.

With the advent of information technology, the legal awareness of Indonesian society can be enhanced through several available mechanisms. One such mechanism is easier access to legal information through online platforms, such as legal portals and specialized applications that provide texts of laws, court decisions, and various other legal resources. People can quickly search for and understand applicable legal provisions, as well as receive education regarding their rights and responsibilities in various legal contexts (Supanto, 2016).

Apart from that, social media also plays an important role in increasing legal awareness. Legal cases that go viral on social media often trigger wide discussions about the legal implications. Legal experts and activists often utilize the platform to disseminate information about cases, explain the legal regulations involved, and provide analysis of relevant legal aspects. It not only improves people's understanding of the law but also encourages awareness of the importance of complying with the law (Paramyta, 2023).

However, despite progress in increasing legal awareness through information technology and social media, there are still challenges that need to be overcome. Many Indonesians are not yet fully aware of the applicable legal regulations, which is reflected in the high number of legal violations in various sectors. Therefore, beside providing easier access to legal information, educational approaches and broader campaigns should continue to be improved to ensure that legal awareness can be implemented effectively in people's daily lives.

4. CONCLUSION

The advancement of information technology has fundamentally transformed how humans live their daily lives. Information technology enables us to rapidly create, modify, store, communicate, and disseminate information globally. The digital era, characterized by the dominance of digital technology, the internet, and information

technology, has also reshaped how legal systems operate worldwide. One significant impact of this digital era is on the protection of personal data privacy. In this context, legal awareness, or individuals' understanding of laws and regulations, becomes critically important. Society needs a strong understanding of their rights and responsibilities in facing new challenges arising in the digital age. High legal awareness helps create a civilized society and ensures effective law enforcement in response to evolving technological changes and social dynamics.

Therefore, we must harness the development of information technology to enhance legal awareness in society. Information technology plays a crucial role in this effort by providing broader and more accessible information and understanding of the law. Law itself is a system of norms and sanctions that govern human behavior, maintain order, and prevent chaos in society. With increased legal awareness in society, individuals are expected to be more inclined to comply with applicable laws and actively participate in creating a better social order. Therefore, utilizing information technology in legal education is a strategic step towards building a more law-conscious and responsible society.

References

- Bambang, W. (2008). *Teknologi Pembelajaran, Landasan & Aplikasinya*. Jakarta: Rineka Cipta.
- Budiana, H., Sjahfira, N., & Bakti, I. (2015). Pemanfaatan Teknologi Informasi dan Komunikasi. *Dhamakarya: Jurnal Aplikasi Ipteks untuk Masyarakat*, 4(1), 59 - 62.
- Hendro Setyo Wahyudi, & M. (2014). Teknologi dan Kehidupan Masyarakat. *Jurnal Analisa Sosiologi*.
- Koloay, R. N. (2016). Perkembangan Hukum Indonesia Berkenaan dengan Teknologi Informasi dan Komunikasi. *Jurnal Hukum Unsrat*.
- Paramyta. (2023). Peranan Kesadaran Hukum Generasi Z dalam Berinteraksi di Media Sosial. *Jurnal Rectum*.
- Ramli, T. S. (2021). Pengenalan Hukum Teknologi Informasi dalam Pemanfaatan Over the Top Untuk Pendidikan. *Acta Diurnal: Jurnal Ilmu Hukum Kenotariatan*, 5(1), 78 - 94.
- Soekanto, S. (1977). Kesadaran Hukum dan Kepatuhan Hukum. *Jurnal Hukum dan Pembangunan*.

- Sugiyono. (2006). *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. Bandung: Alfabeta.
- Supanto. (2016). Perkembangan Kejahatan Teknologi Informasi (Cyber Crime) dan Antisipasinya dengan Penal Policy. *Jurnal Yustisia*.
- Widianti, F. D. (2022). Dampak Globalisasi di Negara Indonesia. *Jurnal Inovasi Sektor Publik*, 2(1), 73 - 95.
- Widianti., F. D. (2022). Dampak Globalisasi Di Negara Indonesia. *Jurnal Inovasi Sektor Publik*.
- Yuhelson. (2017). *Pengantar Ilmu Hukum*. Jakarta: Ideas Publishing.
- Yuniarto, P. R. (2014). Masalah Globalisasi di Indonesia: Antara Kepentingan, Kebijakan, dan Tantangan. *Jurnal Kajian Wilayah*, 5(1), 67 - 95.