

Cybersecurity and Law in India: Issues And Challenges

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Abstract: *The rapid growth of digital technologies has transformed India's socio-economic landscape, but has also introduced significant cyber security risks. India has witnessed a surge in cybercrime, including hacking, phishing, and ransomware attacks, which have compromised sensitive information and disrupted critical infrastructure. Despite efforts to strengthen cyber security, India continues to face numerous challenges in regulating and enforcing cyber security laws. The existing legal framework, including the Information Technology Act, 2000, and the Indian Penal Code, 1860, has several gaps and weaknesses that hinder effective enforcement.*

The study examines the current state of cyber security and law in India, highlighting the key issues and challenges. The research identifies significant gaps in existing laws, policies, and enforcement mechanisms, including inadequate legislation, insufficient public awareness, and limited capacity among law enforcement agencies. The study also explores the impact of emerging trends, such as the Internet of Things (IoT), artificial intelligence, and machine learning, on cyber security in India. Furthermore, the study analyzes the role of various stakeholders, including the government, industry, and civil society, in promoting cyber security in India. The study highlights the need for a comprehensive and nuanced approach to address the complex cyber security challenges facing India.

To address the challenges in cyber security and law in India, the study proposes recommendations for strengthening cyber security laws, policies, and enforcement mechanisms. These recommendations include strengthening cyber security laws and regulations, enhancing public awareness and education, building capacity among law enforcement agencies, and promoting international cooperation. The research contributes to the existing body of knowledge on cyber security and law in India, providing actionable insights for policymakers, regulators, and industry stakeholders.

Keywords: Cybersecurity, Cyber Laws, Data Protection, IT Act 2000, Bhartiya Nagrik Suraksha Sanhita, Digital India, Cybercrime