

Legal Challenges Posed by Emerging Threats in Cyberspace: A Study on Deepfakes, Ransomware and Cyberwarfare

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Abstract: The rapid expansion of cyberspace has led to new and complex threats such as deepfakes, ransomware and cyberwarfare, which have created significant challenges for legal systems across the world. This study aims to explore and understand the legal and procedural responses to emerging threats of cybercrime through a comparative analysis of legal systems in India, the United Kingdom, and the United States of America. Through a doctrinal and comparative method of research, this paper aims to evaluate and analyse various provisions and responses of legal systems to emerging threats of cybercrime. The study found that contemporary legal systems are still in their reactive and fragmented stages and have not yet fully addressed the need for comprehensive regulation of AI-based cybercrimes.

Keywords: Cybersecurity, Deepfakes, Ransomware, Cyberwarfare, Digital Governance.

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