

# Cybercrime : Trends, Challenges, and Mitigation Strategies

**Okram Andrew Singh, Aditiya Tiwari , Dheeraj Chauhan**

Department of Computer Science & Application

Sharda School of Engineering & Technology, Sharda University, Greater Noida, India

**Abstract:** *What's more, courtesy of the proliferation of digital technologies, productivity and communication, have increased and so have the scope and sophistication of cybercrime. The research also demonstrates the need to combine state of the art technologies with global cooperation to build highly resilient protections against cyber threats.*

*In digital era, cybercrime is one of the most critical global challenges and it poses an eminent challenge to individuals, organizations and governments. This paper explores the dynamic realm of cybercrime and explores its evolution, the cybersecurity frameworks it poses problems to, and possible mitigation strategies. Based on a thorough literature review, real life case studies, and what is in the current cybercrime industry, this study attempts to offer actionable counter measures to cybercrime*

**Keywords:** Cybercrime, cybersecurity, digital threats, cyber forensics, mitigation strategies