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**RESEARCH ARTICLE**

# CYBER SECURITY -Trends and Challenges

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**Abstract:** Cybersecurity is a necessary consideration for information technology as well as Internet services. We need to recognize the importance of different types of risks that exist in the online world. Enhancing cyber security and protecting critical information are essential to nation's security and economic being. Whenever we think about the cyber security we think of 'cyber-crime' which is increasing day by day. Various Governments and companies are taking many measures to prevent the cyber-crime. This paper mainly focuses on trends, challenges and cyber ethics in the field of cyber security. Cyber incidents emphasize the importance of staying up-to-date on global cybercrime trends, especially concerning the use of mobile and personal computing devices.

**Keywords:** cyber security, cyber-crime, cyber ethics, social media, cloud computing

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