



Cyber Crime and Cyber Security: Different sides of the same coin

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Abstract : *Cybercrime is posing a very serious threat in today's world. The cyber criminals are always in search to find out the new ways to attack the possible internet victims. Our attention is usually drawn to "Cyber Security" when we hear about "Cyber Crimes". Thus, Cyber Crime and Cyber Security can be treated as "Different sides of the same coin".*

Our cyber security research focuses mostly on combating cybercrime and protecting the social fabric.

This paper is an attempt to provide a glimpse of various types of cybercrimes prevalent in modern technological society and what steps can be taken to protect ourselves from these cybercrimes.

We focus on a case study of fighting cybercrime in India and Bihar; discuss problems faced.

Keywords: *Cyber Crime, Denial of Service (Dos), Cyber Stalking, Phishing, Spoofing, Cyber, Criminals, Cyber Security, IDS, DIDS.*

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Introduction :

Cybercrime has fast established itself as the "Achilles heel" of living in the cyber age.

Cybercrime is part of a continuum of activity that ranges from cyber safety challenges to threats to national security.

Cybercrime can encompass criminal activity from cyberbullying to state-sponsored theft of intellectual property.

Cybercrime can be devastating to individuals, communities and business at both ends of the scale.

Our daily life, economic vitality, and national security depend on a stable, safe, and resilient cyberspace.

Cyberspace and its underlying infrastructure are vulnerable to a wide range of risk, stemming from both