**Topic:** Cyber Security

**Title :** Is Cyber Security Smart Enough AgainstCyber Crime ?

**Abstract**

The topic that we are interested to discuss and focus on our technical writing is involved with the term “Cyber Security”. This term is quite familiar in the era of this digital world and modern technology. Cyber Security is the protection or shield against the term ‘Cybercrime’ that is defined as a crime in which a computer is the object of the crime (unethical hacking, phishing, spamming) or is used as a tool to commit an offense (cyber bullying, hate crimes). Cyber Security can possess the potential of removing cyber crime from the cyber world, but sometimes cyber security also lags behind from taking necessary steps against cyber crime. Unfortunately, there's no 100% guarantee that even with the best precautions some of these cyber crimes won't happen to you, but there are steps that can be taken to minimize the chances.

**Introduction:**

In the most basic sense, cybersecurity refers to practices, policies, and technologies that are designed to protect computers, servers, networks and connected devices from unauthorized access, while also mitigating the risk of damage in the event of an intrusion. Cybersecurity includes both physical preventive measures as well as digital. Locked doors and video surveillance systems, for instance, are physical forms of cybersecurity, while antivirus software, network monitoring services, and data encryption are forms of digital cybersecurity. Cyber security is the name for the safeguards taken to avoid or reduce any disruption from an attack on data, computers or mobile devices. Cyber security covers not only safeguarding confidentiality and privacy, but also the availability and integrity of data, both of which are vital for the quality and safety of care. Security breaches can occur when we use paper records, send information using fax machines and even verbally. However, the consequences of security breaches with digital information are potentially far more severe, as information can be distributed more easily and to afar wider audience.