

# **Cyber Crime Awareness among B.Ed. Students**

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## **ABSTRACT**

*The internet is one of the most sophisticated technologies created. The internet and its related technologies are constantly progressing. Recent trends and advances in mobile technology and cloud computing, though offers great benefit to society, also present opportunities for crime. 'Cybercrime' refers to offenses including Criminal activity against data, infringement of content and copyright fraud Unauthorises access, child pronography and Cyber –stalking.*

*The use of internet is inevitable in teaching-learning process. Awareness about cybercrimes will help in decreasing the involvement of our coming generations in cybercrimes. It will be beneficial for themselves and their teaching career and also they can create awareness about cybercrimes in their students. This study assessed the cybercrime awareness among B.Ed. students.*

*Keywords: Cybercrime, computer, internet Crime, Cyber Security,*

## **INTRODUCTION**

With the advent of smart phones in India, communication in life has become smart and easy. Smart phones have not only found place among youth and working class but even toddlers and senior citizens. The internet is one of the most sophisticated technologies created and its related technologies are constantly progressing. The number of internet users is increasing gradually around the world. Internet provides great benefit to society but also present chances for crime.

Cybercrime also called computer crime, where computer is an instrument to further illegal ends, such as committing fraud, trafficking in child pornography and intellectual property, stealing identities, or violating privacy. Cybercrime mainly consists of unauthorized access to computer systems data alteration, data destruction, theft of intellectual properly.

“Cybercrime “as any malefactor or other offences where electronic communications or information systems, including any device or the Internet or both or more of them are involved. Here computer may be a tool or a target. Cybercrimes occur due to lack of usage and knowledge on cyber security.

‘Cybercrime’ refers to offenses including Criminal activity against data, infringement of content and copyright fraud Unauthorises access, child pronography and Cyber –stalking. The United Nations Manual on the prevention and Control of Computer related Crime includes fraud, forgery and unauthorised access in its definition of attacks on individuals and organisations alike. These Crimes may includes anything from an Individual’s emotional or financial state to a nation’s security.

### **These are the two main Categories that defines the make up of Cyber Crimes**

- ✚ Firstly those that target computer networks or devices such as virsuses, malware, or denial of service attacks.
- ✚ The Second Category relate to Crimes that are facilitated by computer networks or devices like cyber stalking, fraud, identity-theft, extortion, phishing

Cyber crime have expanded to include activities that cross international borders and can now be considered global. International Co-operation is essential if an effective response is to be found effectively combat the issue alone. The increased reliance of individuals/organizations on cyberspace has resulted in to a corresponding increase in the cybercrimes. Lack of proper training and education, and the low level of awareness of the Indian society about the cybercrime have resulted into a spurt of cybercrimes.

There are newsflash in the media on computer crime like hacking to viruses, sometimes accurately representing events, sometimes misinterpreting the role of technology which poses challenges for legal systems, as well as for law action. . By the 21st century, everybody in the world has been affected by cybercrime of one sort or another.

## NEED OF THE STUDY

Recent trends and advances in mobile technology and cloud computing Internet, though offers great benefit to society, also present opportunities for crime. Today e-mail and websites have become the preferred means of communication.

The use of internet is inevitable in teaching-learning process,. The importance of e-learning is increasing day by day. Distance learning and searching and sharing of study materials on internet is the need of the hour. Internet also provides many search engines that helps a student as well as a teacher to update their knowledge by getting the new information about new researches, new techniques etc. A teacher and a student can also get associated outside the class-room through the internet. But there face the risk factors attached to it. Hence, the awareness on cybercrime is needed for the learners and teachers, to prevent and face the unpredicted problems or cybercrimes such as hacking, phishing, spam, computer viruses, sabotage, wire fraud, ATM fraud, internet fraud, identity theft etc. and they can take the appropriate measures to sort out these problems.

Awareness about cybercrimes will also help in decreasing the involvement of the students or our coming generations in cybercrimes. This study will help to find out the awareness among B.Ed. students. It will be beneficial for themselves and their teaching career and also they can aware their students about cybercrimes.

It is well said that the problems created cannot be solved with the same level of awareness that created them. Hence there is need to enhance awareness about the cybercrime. The growing danger by cybercrime in India needs technological, behavioural and legal awareness; and proper education and training. It is well said that the problems created cannot be solved with the same level of awareness that created them. Hence there is need to enhance awareness about the cybercrime. The growing danger by cybercrime in India needs technological, behavioural and legal awareness; and proper education and training. It is well said that the problems created cannot be solved with the same level of awareness that created them. Hence there is need to enhance awareness about the cybercrime. The growing danger by cybercrime in India needs technological, behavioural and legal awareness; and proper education and training.

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## PROBLEM OF THE STUDY

“A study of Cybercrime awareness among B.Ed. students.”

## OBJECTIVES

1. To study the cyber crime awareness among B.Ed. students
2. To find out the various precautions taken by B.Ed. students to prevent cybercrime.

## SCOPE AND LIMITATIONS OF THE STUDY

- The study is limited to B.Ed Teacher Trainees.
- The study is limited to colleges in Ulhasnagar & Kalyan area.

## RESEARCH METHODOLOGY

In order to achieve the objectives of the study Survey method was used.

## SAMPLE

For the present study a sample of 100 B.Ed students was selected from 2 B.Ed colleges from Ulhasnagar. Random Sampling method was used. The sample comprised of 40 males and 60 females.

## TOOL

Questionnaire was prepared by the researcher for this study. It was prepared keeping in mind areas viz Awareness, Impact of Cybercrime and measures to prevent cyber crime

## STATISTICAL TECHNIQUE

The collected data was analysed and interpreted using Percentage.

## DATA ANALYSIS AND INTERPRETATION

- Almost all (90%) respondents have internet on your mobile handset whereas very less ( 10%) don't have it.
- Almost all (93%) respondents have social networking account (Facebook, LinkedIn, yahoo, Google plus whereas very less (7%) of respondents don't have social networking account.
- Almost all (91%) respondents install different android applications where as very less (9%) respondents do not do so.

## AREA-AWARENESS

- Majority (62%) respondents use mobile frequently for the online transaction whereas below average (38%) respondents avoid using mobile for the online transaction.
- Average (45%) respondents agreed that online shopping leads to hacking of ones account whereas average (55%) of respondents disagreed.
- Majority (63%) respondents have you stopped shopping online due to this issue whereas below average (37%) respondents disagreed to it.
- Below average (32%) respondents agreed that they disclose their personal details if asked by any of the site whereas majority (68%).disagreed to it.

## AREA-IMPACT OF CYBERCRIME

- Almost all (83%) respondents believe that increase of Cybercrime has given rise to need about Cybercrime awareness whereas very few (16% ) of respondents disagreed to it..
- Average (60%) respondents agreed that they have lost money during internet transactions whereas below average (40%) respondents disagreed to it.
- Majority (77%) respondents think women and children are more prone to Cybercrime whereas (23%) respondent don't think so.
- Majority (71%) respondents believed that they experienced hanging up of their device due to Virus whereas (29%) respondents disagreed to it..
- Average (57% ) respondents came across illegal activities like Stalking, hacking, bullying etc. whereas average (43% ) respondents disagreed to it.

## AREA-PRECAUTIONARY MEASURES

- Almost all (97%) respondent feel that discussion among friends about cybercrimes can make them aware about its threats whereas very few (3%) disagreed to it.
- Almost all (83%) respondents use antivirus software to protect their mobiles whereas whereas very few ( 17%) don't use it
- Below average (24% ) respondents agreed that they participated in the cybercrime forum whereas Majority (76%) respondents disagreed to it.

- Almost all (89%) respondents feel that every individual should know about the Cyber crime Security system whereas very few (11%) respondents do not feel so.
- Almost all (90%) respondents agreed that educating about the use of Cyber space would prevent Cybercrime to certain extent whereas very few (10%) respondents disagreed to it.
- Majority(80%) respondents agreed that one must have knowledge about how to register cybercrime report online whereas very few (20%) disagreed to it.
- Almost all (95%) respondent think strict cyber laws can keep a check on cybercrime whereas very few (5%)disagreed to it .

## RESULTS AND DISCUSSION

Almost all B.Ed students have internet on their mobile handset, have social networking account (Facebook, LinkedIn, yahoo, Google plus) and install different android applications. Majority of respondents have stopped shopping online, as they experienced hanging up of their device due to Virus and used antivirus software to protect it.

Majority B.Ed students use mobile frequently for the online transaction, but they avoid disclosing their personal details and have stopped shopping online as they agreed that it leads to hacking of ones account which showed that they are aware of cybercrimes. They also agreed that women and children are more prone to Cybercrime and some have come across illegal activities like Stalking, hacking, bullying and hanging up of their device.

The study revealed that all most all agreed that every individual should know about the Cyber crime Security system and B.Ed students feel that discussion among friends about cybercrimes can make them aware about its threats registering cybercrime report online. Educating about the use of Cyber space along with strict cyber laws would prevent Cybercrime to certain extent.

## CONCLUSION

Origins of cybercrime lies in technology and the number of internet users is continuously increasing with which growth risk of several types of crimes is also increasing. Cybercrimes are changing in its nature due to improvement in technologies. Technology-based crimes have been emerging with the passage of every day and they need to be solved with utmost urgency. Teacher training institutes should arrange Seminars, workshops, talks with the help of government & NGO'S. Cyber illiteracy should be started from grassroots level; organizations, computer centres, schools & individuals. Lots of steps need to been taken to curb cybercrime and the cyber laws have to be changed with the changing times. According to Narendra Modiji "Cyber related risks are a global threat of bloodless war. India can work towards giving world a shield from the threat of cyber warfare".

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