

Cybercrime: Review of Daily Digest and Awareness Talk in Schools by Teacher Trainees

Dr. Gautam G. Gaude

Assistant Professor GVM's Dr. Dada Vaidya College of Education, Ponda - Goa

Dr. Samir V. Naik

Associate Professor GVM's Dr. Dada Vaidya College of Education, Ponda – Goa

Abstract: The study was conducted to create awareness of cybercrime among first year teacher trainees of GVM's Dr. Dada Vaidya college of Education, Ponda Goa followed by awareness in school. As a part of internal assessment for learning resources subject students were instructed to carry out assignment to conduct review on daily digest that are being uploaded on cybercrime portal. Also they were advised to prepare lesson plan on the basis of cybercrime awareness handbook that was available on cybercrime portal. After submitting the given assignment, google form was shared with teacher trainees. Out of 108 teacher trainees, 69 responded on google form. The questions on feedback and opinion were framed in google form to understand their approach toward cybercrime. The study found that such assignment really benefited teacher trainees to understand about cybercrime. Teacher trainees were found positive to conduct such sessions in future when they get the job. This indicates that teacher trainees understood the serious threat of cybercrime, its causes and impact on human being.

Keywords: awareness, assignment, Education, cybercrime.

Introduction:

In artificial intelligence era, advancement in technology have made our life easier and comfortable. The people tries to use the technology as per their need and convenience. The cybercrime is one among them, which highly educated people commit the crime to cheat people and take away their hard earned lakhs or crores of rupees. To prevent and stop the cybercrime related issues, Government of India have taken key initiatives by launching the national cybercrime portal. National cybercrime reporting portal along with registering and tracking a complaint provides valuable learning resources through its learning corners which includes topics like advisories, cyber safety tips, cyber awareness, daily digest, training resources etc. Since cybercrime is a burning issue and cases are increasing day by day there is urgent need to train our future teachers to understand about cybercrime and to create awareness in school. If 100 teacher trainees are made aware about cybercrime and are advised to take at least one session during their internship to create awareness that means around 4000 school students, will be made aware about cybercrime if we count 40 students in one class. This study was conducted not to define what is cybercrime or to study types of cybercrimes or understanding its various causes or impact of cybercrime. This all are already available is all of the major studies on cybercrime or handbook on cybercrimes. But the major goal of the study was to make all first year teacher trainees aware about cybercrime and then create awareness in a school where they will conduct their one-month internship in a high school. This goal is very well achieved from the study which can be understood from teacher trainee's opinion and perspective in the form of below research objectives.

Research Questions:

- 1) To study the teacher trainee's usefulness on review of daily digest
- 2) To study the awareness of teacher trainees regarding daily digest upload.
- 3) To understand teacher trainee's opinion regarding training school students on cyber crime
- 4) To explore in which grade cybercrime awareness programme were conducted and their interest to conduct more sessions during in-service.

- 5) To study teacher trainee opinion to understand whether there is a need to train teacher trainees regarding cybercrime.
- 6) To understand the challenges faced by teacher trainees while conducting cybercrime awareness talk in a classroom.
- 7) To understand the perception of teacher trainees towards cybercrime.

Research Methodology:

As a part of internal assessment of core paper that is learning resources for B.Ed. an assignment was given to first year teacher trainees of GVM's Dr. Dada Vaidya College of Education, Ponda Goa during academic year 2025-26. In a first phase, teacher trainees were guided in a class to browse daily digest uploaded files to view and download. They were instructed to select any two cases to write review of literature which they think is very important to understand to know about types of cybercrime, how peoples are being cheated and who are being targeted. In a second phase, they were instructed to download any one handbook from learning centres of cybercrime portal. After downloading they were advised to prepare a lesson plan and deliver in any class from fifth to ninth during internship. After delivery of lesson, teacher trainees were advised to write their experience in an assignment. The researcher prepared a google form consisting of 12 questions, out of that two were subjective and remaining were objective. After preparing google it was forwarded to first year teacher trainees. Altogether 69 responses were received out of 108 students. The collected data was analysed through qualitative and quantitative methods. The bar graphs and pie charts were used for quantitative data analysis.

Data Analysis:

Objective 1: To study the teacher trainee's usefulness on review of daily digest

Figure 01

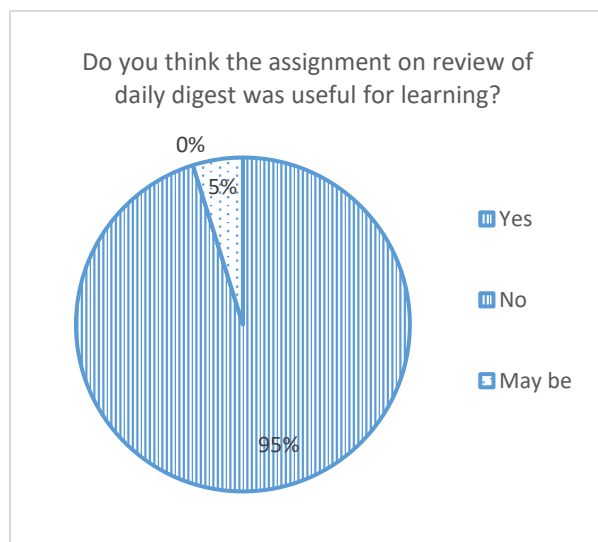
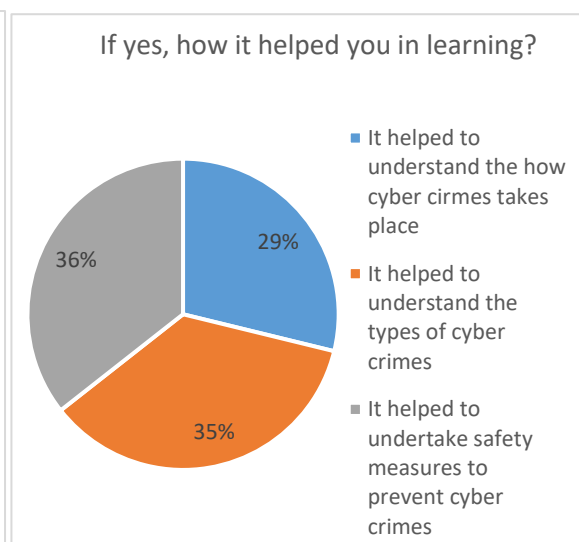


Figure 02



From figure 01, it can be understood that, 95% teacher trainees thought that assignment that was given to conduct review of daily digest was useful for learning whereas 05% felt it may be useful. From figure 02, it can be found that 36% teacher trainees felt it helped them to understand how cyber-crimes takes place, 35% felt it helped them to understand the types of cybercrimes whereas 29% thought it helped to undertake safety measures to prevent cybercrimes. It can be concluded that such assignment can really benefit teacher trainees in many ways. Similar

assignments must be promoted in teacher training colleges which will make teacher trainees aware about various social issues that takes place in society like safe driving, drugs, mental health etc.

Objective 2: To study the awareness of teacher trainees regarding daily digest upload.

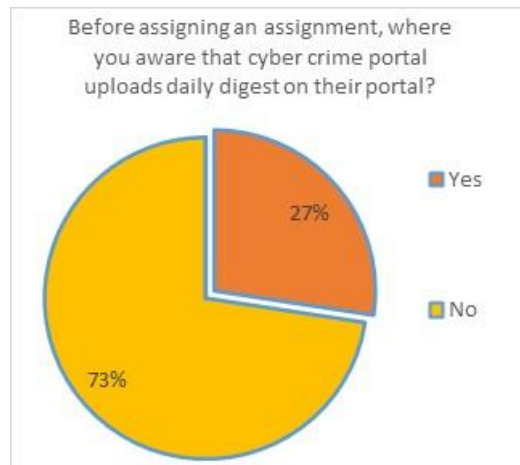


Figure 03

From figure 03, it can be found that one quarter of teacher trainees (27%) were aware that cybercrime portal uploads daily digest on their portal whereas large majority of teacher trainees (73%) were not aware that cybercrime portal uploads daily digest on their portal. Such Government initiatives needs to be promoted in teacher training colleges as they will be the one who will teach and guide young generations to develop a technologically healthy society.

Objective 3: To understand teacher trainee’s opinion regarding training school students on cyber crime

Figure 04

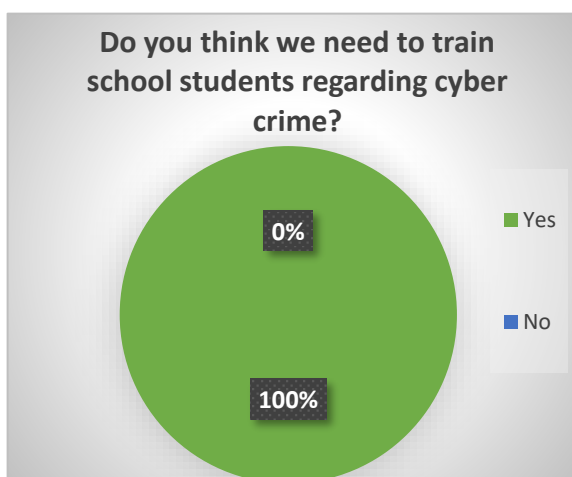


Figure 05

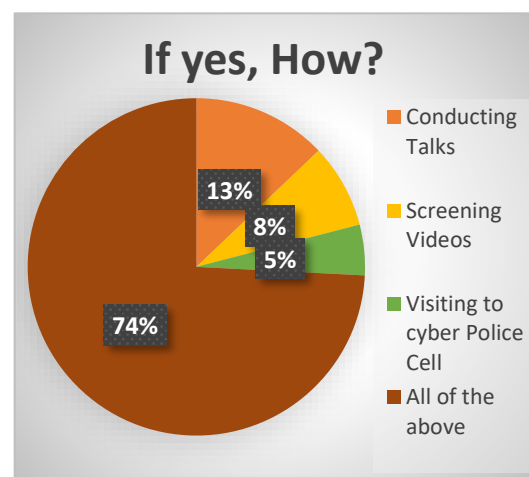


Figure 04 indicates that 100% teacher trainees thought that we need to train school students regarding cybercrime. This indicates that all the teacher must be made aware that they need to take session to school children to create awareness about cybercrime. This will be the best possible solution to curb the menace of cybercrime. From figure 05, large majority of the teacher trainees (74%) selected all of the above option that is school needs to conduct

talks, screen videos, visit nearby cyber police cell. 13% thought of conducting talks, 8% felt of screening videos and remaining 5% thought of visiting nearby cyber police cell. Awareness talks needs to be conducted every month in every high school, secondary school and Colleges. Also talks can be conducted through PTA after every quarter or half yearly to create awareness among parents.

Objective 4: To explore in which grade cybercrime awareness programme were conducted and their interest to conduct more sessions during in-service.

Figure 06

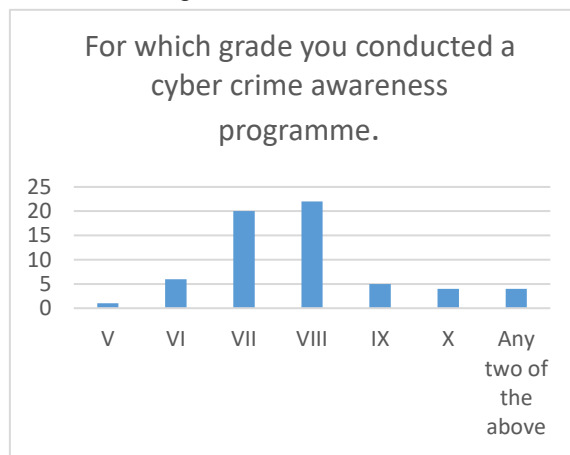
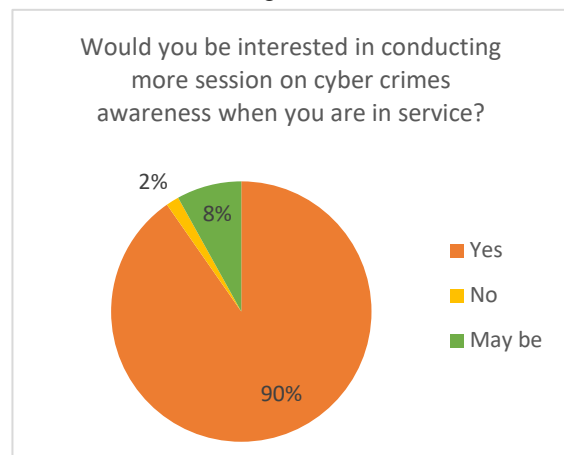


Figure 07



From figure 06, it was understood that majority of the teacher trainees conducted talks in grade VIII and VII whereas very few conducted awareness classes in grade V, VI, IX, X and any two of the above. It can be understood that class VIII and VII was found more convenient by teacher trainees to conduct such sessions as compare to class V, VI, IX and X. From figure 07, it can be observed that 90% teacher trainees were interested to conduct more session on cybercrime when they will be in-service whereas 02% student were not interested in conducting the sessions and 08% were not sure. This indicates that teacher trainees understood the serious threat of cybercrime, its causes and impact on human mind and health.

Objective 05: To study teacher trainee opinion to understand whether there is a need to train teacher trainees regarding cybercrime.

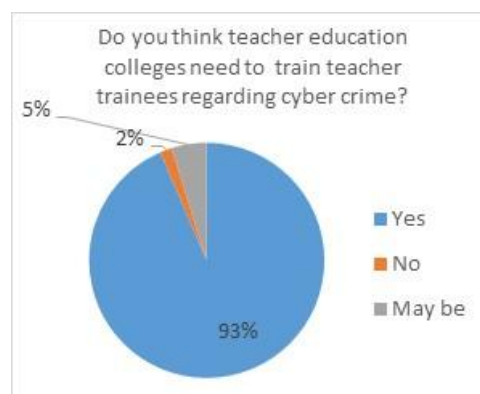
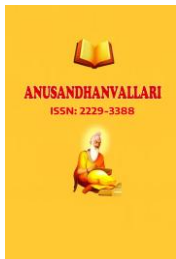


Figure 08

From figure 08, it can be observed that 93% teacher trainees thought that there is a need to train teacher trainees regarding cybercrime whereas only 02% teacher trainees were not interested and 05% were not sure. Compulsory or optional or value added course on cybercrime needs to be started in all the teacher training colleges so that they



will be well aware about cybercrime and they will be in position to create awareness and solve the queries in school as and when it appears.

Objective 06: To understand the challenges faced by teacher trainees while conducting cybercrime awareness talk in a classroom.

The following were the challenges that were faced by teacher trainees in a school:

- Faced technical difficulties and issues while conducting talk due to unavailability of ICT room and resources like projector, screens, connector etc.
- Talking about sensitive topic such as phishing, sexual harassment and technological terminology like cyber threats etc.
- Challenges included keeping students interested in a technical topic, clearing their misunderstandings about online safety, theft of phone and making them aware of risks without scaring them
- Faced difficulties while scheduling the talk due to gathering practice as internship was in the month of November – December.

Objective 07: To understand the perception of teacher trainees towards cybercrime.

As per teacher trainees

- Cybercrime is a serious issue that affects students, teachers, and society.
- Parents must be made aware of ethical and safety practices to be followed while using digital media
- Teachers must update themselves with different cases of cybercrime.
- Educating children about online security, responsible internet use, and digital ethics is crucial to protect them from cyber risks.
- Need to raise awareness about cybercrimes and their consequences
- Need to teach students how to protect themselves from cyber threats
- Encouraging responsible internet usage and digital citizenship

Findings of the study:

- Similar assignments must be promoted in teacher training colleges which will make teacher trainees aware about various social issues that takes place in society.
- Awareness talks needs to be conducted every month in a school for students along with parents.
- Teacher trainees were found positive to conduct such sessions in future when they get the job.
- Compulsory or optional or value added course on cybercrime needs to be started in all the teacher training colleges.

References:

- [1] <https://cybercrime.gov.in/Webform/daily-digest.aspx>
- [2] <https://cybercrime.gov.in/UploadMedia/CyberSafetyEng.pdf>
- [3] <https://cybercrime.gov.in/Webform/CyberAware.aspx>
- [4] <https://cybercrime.gov.in/Webform/Advisory.aspx>