Innovative Teaching Methods

Course Name with code: Cyber Security and Law (ILO7016)   SEM:VII

Activity: Study & Share Activity

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In CSL, students have to learn what is cyberspace and different cyber-attacks as well as how to safeguard from those attacks.

To make this theoretical subject interactive and interesting I tried a case study method.

During the lecture hour, groups of students are assigned a cyber scam to do the case study. After a given time period each group has to explain that cyber scam in front of the class and give the answer to the questions of other classmates. Finally, the best performance is appreciated.

Once all groups are done, I gave the summary of possible cyber attacks, their causes and precautions to avoid such attacks.

Latest Cyber Scams given to discuss in group are:

1. ConnectWise closes XSS vector for remote hijack scams

2. HackerOne employee stole data from bug bounty reports for
   Financial gain

3. Credit card industry standard revised to repel card-skimmer attacks

4. US fraudster jailed over $300k business email compromise scheme

5. Network cavity blamed for data breach at Japanese candy maker
   Morinaga

Such practice trains the students to do the timebound study. It improves the confidence of students to attend the gathering and to express their views. The group study and competitive environment helps to increase the interest of the subject.

Students in each group enjoyed real time practice of discussing the latest cyber cases in time bound. They understood the syllabus content with interest and with active participation.

Objective:

> To become aware about cyber attacks and become responsible in the digital world.

> To know how victims can be exploited and how such cases are investigated to punish the criminal.

Outcomes:

After successful completion of group discussion:

> Students learned to discuss productively in groups.

> Gain confidence to share their understanding in class.

The tried-and-trusted cooperative learning technique makes students helpful, to ask, to listen, to discuss and to form a conclusion. This type of learning increases their interest in the theory subject.

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