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Measures for Cyber Security

To strengthen information security in an educational environment, students, teachers, and employees require access to a mixture of education and IT security solutions. Here are some practices we follow at EPCET for keeping systems and Data safe

1. Keep software up to date

Regularly updating software eliminates vulnerabilities that hackers can use to launch ransom ware attacks. Patching your software and devices stops anyone from being able to access your systems without your permission.

2. Install anti-malware and anti-virus software

Anti-malware and anti-virus software will enable you to block malware and other malicious software from infecting school devices. Look for solutions with automated updates and virus scanning and anti-phishing support to tighten your defenses.

3. Choose strong passwords

Choosing a strong password makes it much more difficult for cyber criminals to break into institutional accounts and portals. Create passwords based on non-dictionary words with a mixture of uppercase and lowercase letters, numbers, and symbols will reduce the likelihood of a successful hacking attempt.

4. Undergo security awareness training

Cyber attacks are constantly evolving, and arranging security awareness training and phishing awareness training for staff and faculty will help them develop the skills needed to detect phishing and social engineering attempts.

5. Appointing internal cyber security ambassadors

Appointing several volunteers interested in cyber security as ambassadors and implement a training and mentorship program to develop their knowledge of threats and best practices. Once these initial participants achieve certification, monitor their progress to look for areas to improve.

6. Avoid clicking on email links or opening attachments

Clicking on email links or opening attachments from senders you don't know is a security risk as opening an ill-intentioned email link or attachment can lead to installing malware. Staff and faculty should be regularly reminded how to check if the sender is legitimate before clicking on anything.

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