



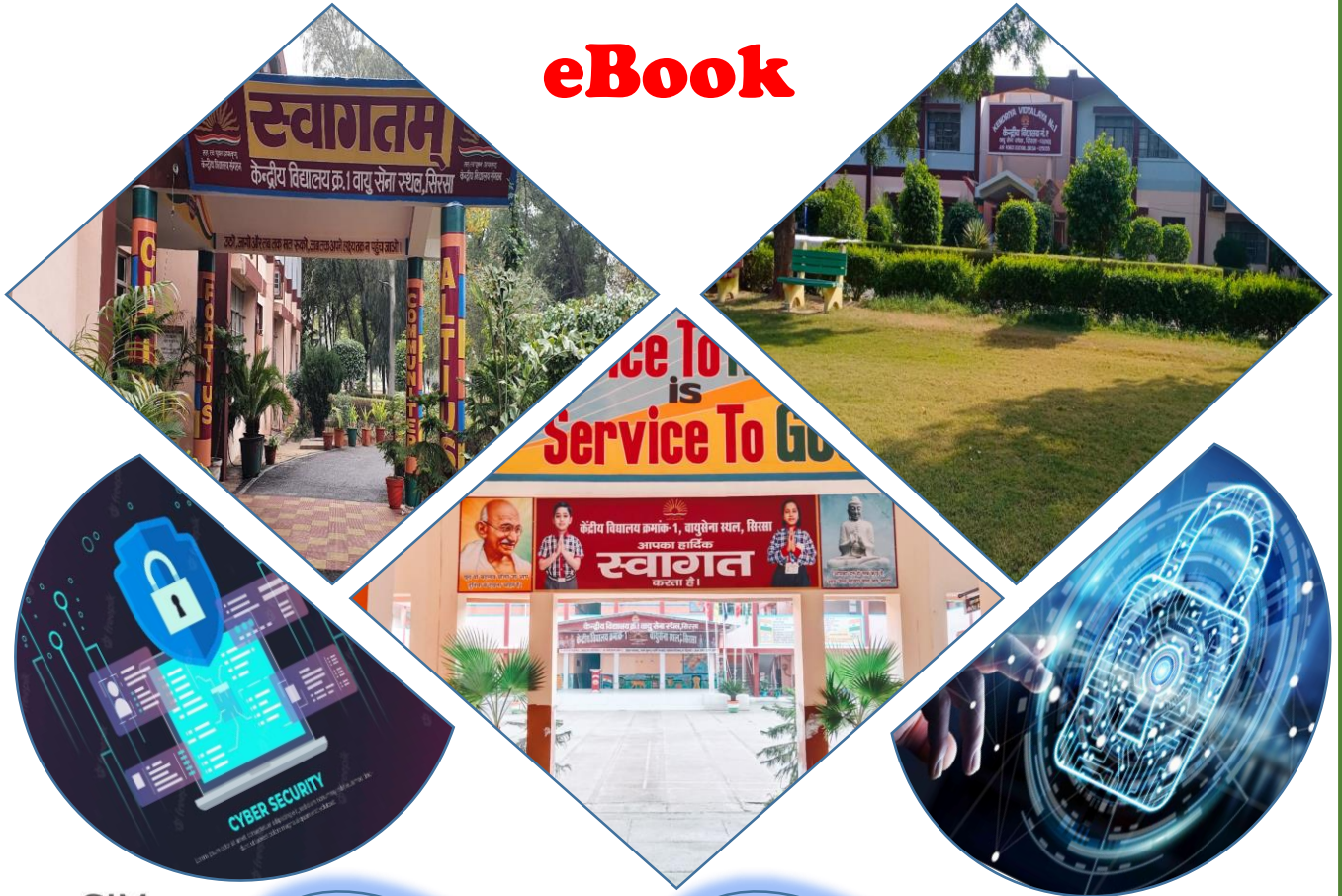
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KENDRIYA VIDYALAYA NO.1, AIR FORCE STATION, SIRSA



# CYBER SECURITY AWARENESS ACTIVITIES

## eBook



eSIM



Nano SIM



Micro SIM



under the guidance & supervision of:  
**HONORABLE**  
*MR VIRENDER SINGH* , **PRINCIPAL**  
&  
*MS. SUMAN* , **PGT – COMP SCI**  
**KVNO1 AFS SIRSA**



**DESIGNED AND DEVELOPED BY**  
**MR VIJAY SHARMA, COMP INST**

## From the desk of Principal

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It gives me immense pleasure to announce that KV No 1 AFS Sirsa is going to publish e-book of the activities conducted under Cyber Jaagrookta Programme observed on first Wednesday of every month commenced from 6<sup>th</sup> October 2021.

The program was mainly focused to sensitise the students, teachers and other stakeholders of the Vidyalaya about Cyber Crimes, forgery from mobile devices, safe usage of Digital platforms, browser security, debit / Credit Card frauds etc.

This e-book witnesses the sincere efforts of our students and teachers to make the Cyber Jaagrookta campaign a huge success. All the activities conducted as per the calendar provided by KVS( HQ) in letter and spirit.

I would recommend that such programmes should be continued to sensitise more and more people to defend themselves against Cyber Crime.

With Best wishes!

Keep yourself and your family safe in Tech driven world.



Virender Singh  
Principal  
KV NO 1 AFS Sirsa



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# CYBER SECURITY AWARENESS PROGRAM

INTRODUCTION TO CYBERCRIMES.

KINDS OF CYBERCRIMES : PHISHING,  
IDENTIFY THEFTS , CYBER STALKING,  
CYBER OBSCENITY , COMPUTER VANDALISM,  
RANSOM WARE, IDENTITY THEFT



06-अक्टूबर-2021, बुधवार



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## What is cyber crime ?

cybercrime, also called computer crime, the use of a computer as an instrument to further illegal ends, such as committing fraud, trafficking in child pornography and intellectual property, stealing identities, or violating privacy. Cybercrime, especially through the Internet, has grown in importance as the computer has become central to commerce, entertainment, and government.

Because of the early and widespread adoption of computers and the Internet in the United States, most of the earliest victims and villains of cybercrime were Americans. By the 21st century, though, hardly a hamlet remained anywhere in the world that had not been touched by cybercrime of one sort or another.

## Types of cybercrime

- ✓ Identity theft and invasion of privacy
- ✓ Internet fraud
- ✓ ATM fraud
- ✓ Wire fraud
- ✓ File sharing and piracy
- ✓ Child pornography

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## **What Is Cyber Vandalism?**

Cyber vandalism is damage or destruction that takes place in digital form. Instead of keying someone's car, cyber vandals may deface a website (such as Wikipedia), create malware that damages electronic files or elements that interrupt its normal utilization, or remove a disk drive to disable a computer system.

Unlike digital espionage, where the purpose is to steal and misuse data, digital vandalism only seeks to damage, destroy, or disable data, computers, or networks. Cyber vandalism can impact businesses drastically, including the ability of your customers to access services as well as financial loss or impact to your brand or reputation. In the next section, we'll highlight some common forms of vandalism that cyber criminals may undertake.



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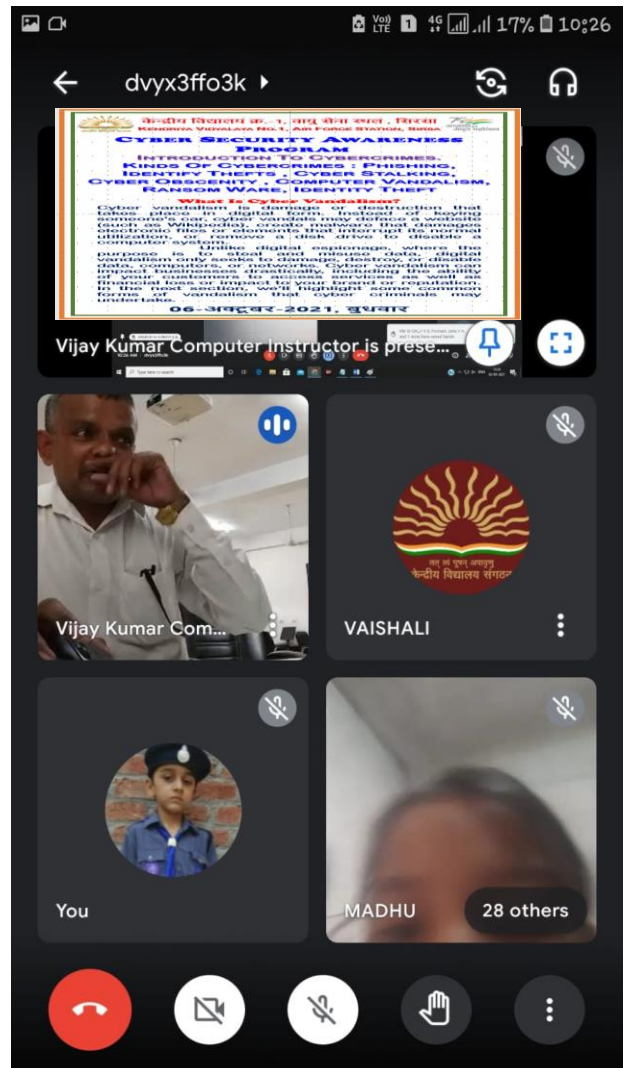
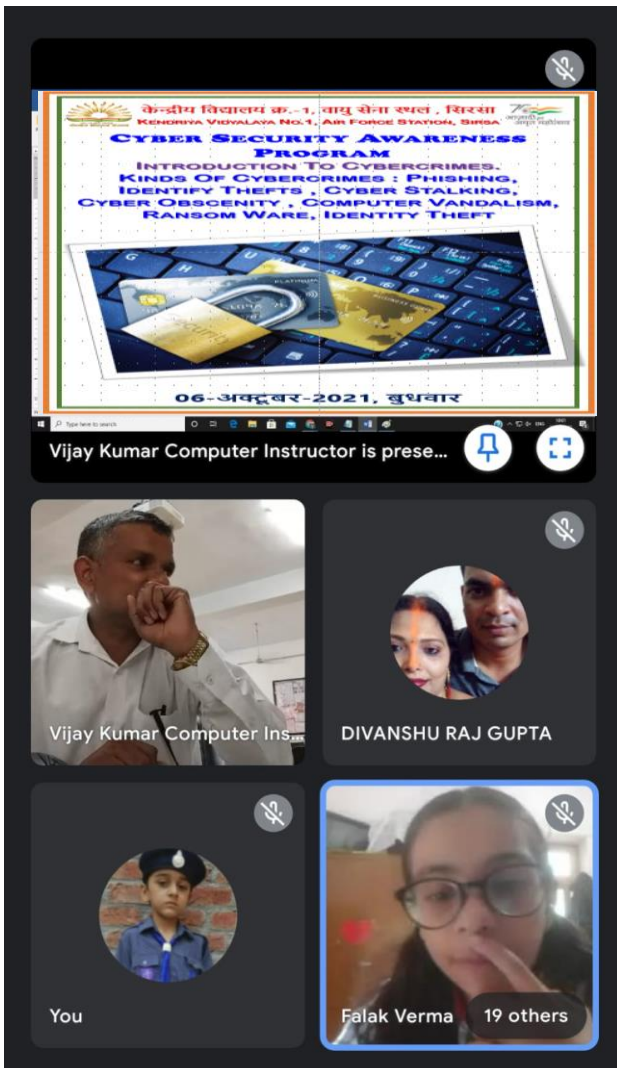
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### KINDS OF CYBERCRIMES : PHISHING, IDENTIFY THEFTS , CYBER STALKING, CYBER OBSCENITY , COMPUTER VANDALISM, RANSOM WARE, IDENTITY THEFT



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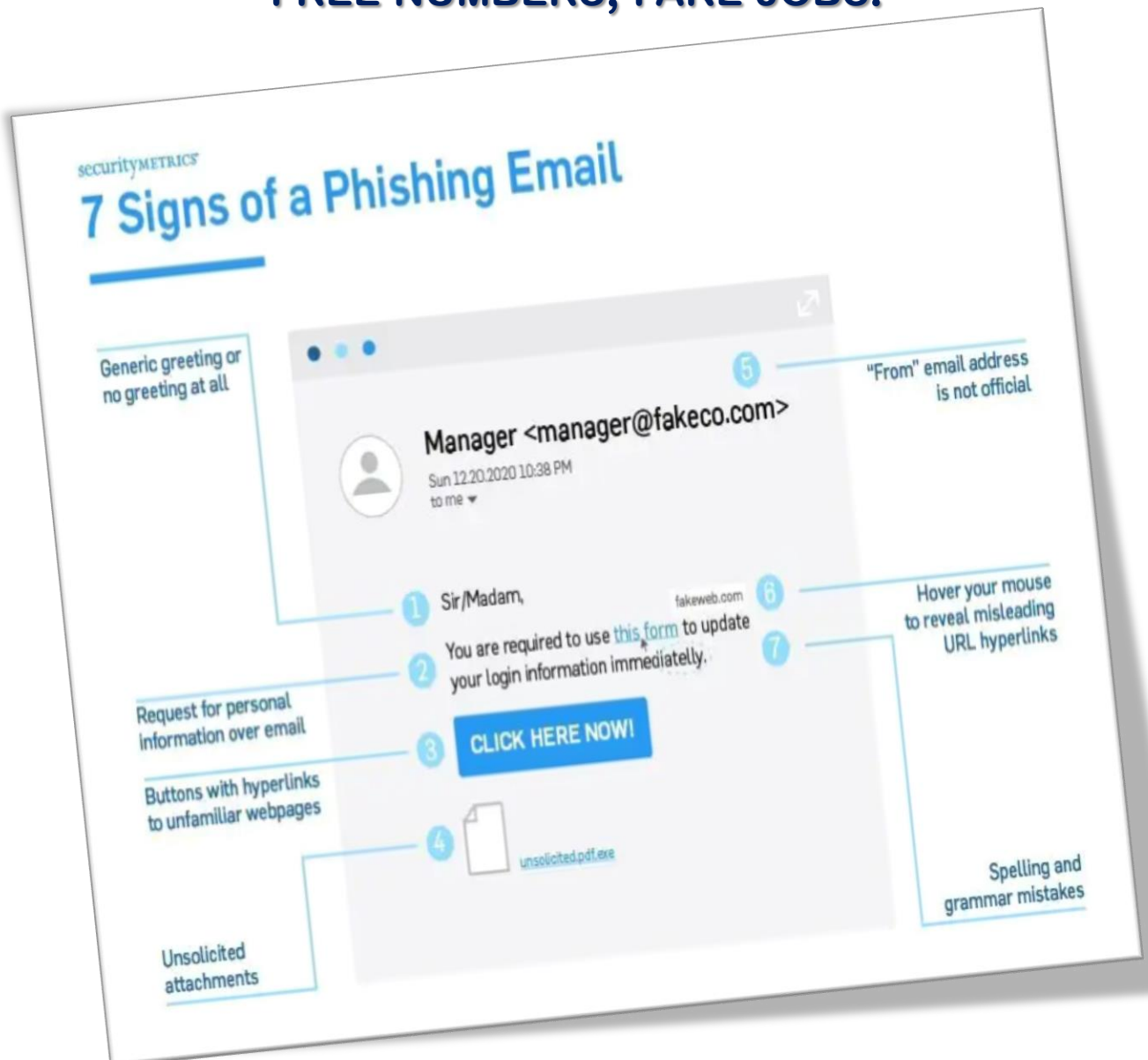


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# CYBER SECURITY AWARENESS PROGRAM

SPOTTING FAKE APPS AND FAKE NEWS ON  
SOCIAL MEDIA AND INTERNET( FAKE EMAIL  
MESSAGE, FAKE POST , FAKE WHATSAPP  
MESSAGE, FAKE CUSTOMER CARE/TOLL  
FREE NUMBERS, FAKE JOBS.



03-नवम्बर-2021, बुधवार



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MESSAGE, FAKE POST , FAKE WHATSAPP  
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FREE NUMBERS, FAKE JOBS.**

## **What is fake news ?**

Fake news stories use technology and social media to look like proper news sites. Organisations and political groups may target you with ads that look like the news. While hackers use bots, bits of software, to create multiple social media accounts and use those to spread disinformation. This can make a false story seem real, simply because it looks like it has been shared by so many people.

Fake social media posts and accounts help make misinformation viral. Sometimes this is then reported as fact by real journalists. When it becomes the news, the line between fact and fiction becomes blurred.

Fake news presents strong, often prejudiced opinions, as fact. It can also direct these opinions to those most likely to agree to reinforce them. This so-called “echo-chamber” effect is made worse by algorithms, clever bits of software, which encourage you to read material similar to what you are already sharing. Hackers often hack or manipulate these algorithms.





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FREE NUMBERS, FAKE JOBS.

## WHAT IS FAKE WHATSAPP MESSAGE ?

WhatsApp tips: Tips to identify fake messages  
WhatsApp recently introduced several new features to control the spread of information on its platform. Today, we will discuss all of them and provide some tips to identify false messages.

- ❖ Understand when a message is forwarded
- ❖ Check photos and media carefully
- ❖ Look out for messages that look different
- ❖ Verify information before forwarding
- ❖ Group Privacy Settings
- ❖ Avoid scams
- ❖ Report them
- ❖ Block the person



03-नवम्बर-2021, बुधवार



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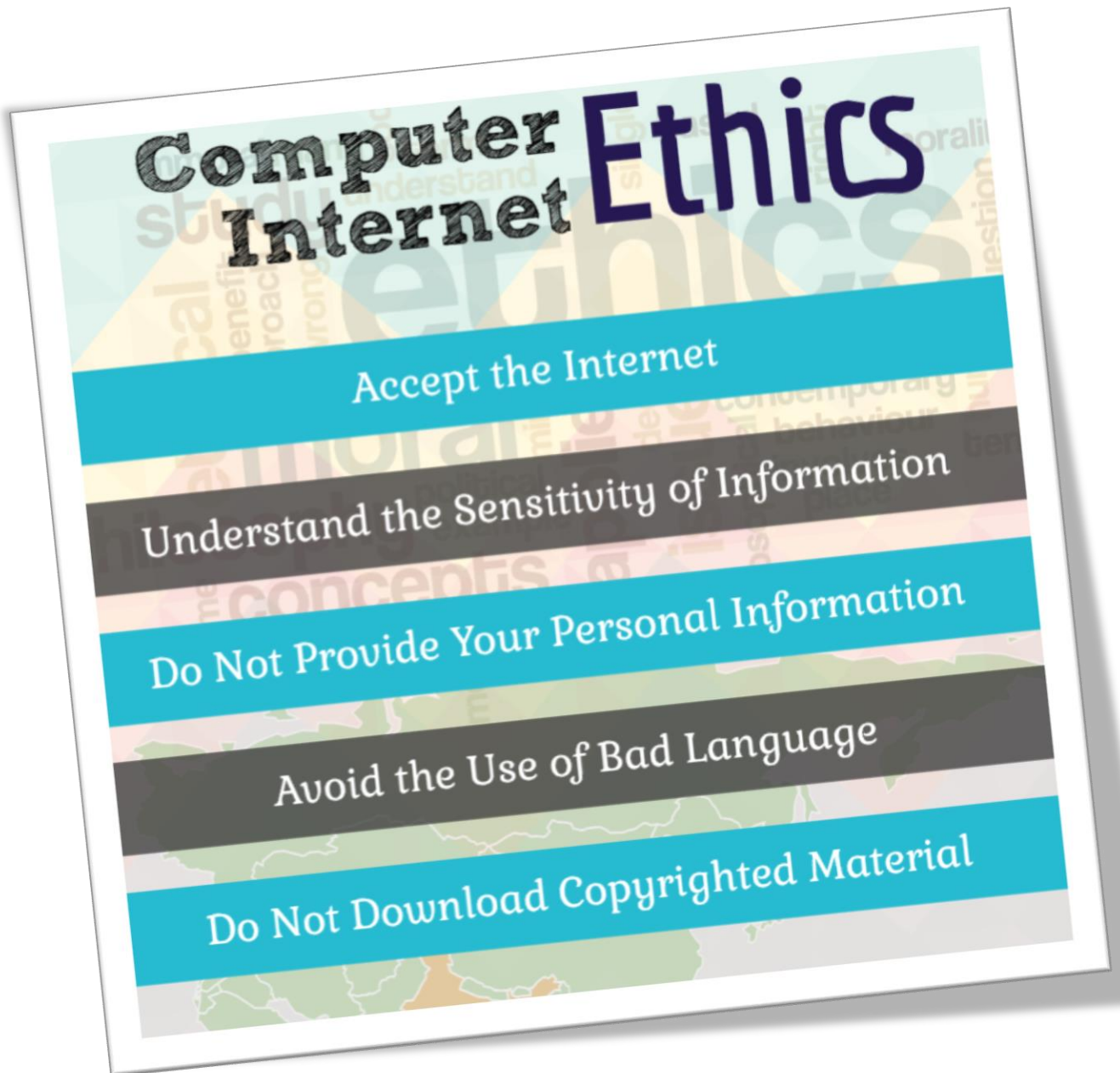
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# CYBER SECURITY AWARENESS PROGRAM

INTERNET ETHICS, INTERNET ADDICTION,  
ATM SCAMS, ONLINE SHOPPING THREATS,  
LOTTERY MAILS/SMS.



01-दिसम्बर-2021, बुधवार



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**INTERNET ETHICS, INTERNET ADDICTION,  
ATM SCAMS, ONLINE SHOPPING THREATS,  
LOTTERY MAILS/SMS.**

## **What is Internet Ethics?**

Internet ethics is a really broad term. It basically refers to the analysis of the role that the internet plays in what philosophers call the development of the good life - the kind of life that we want for ourselves, for society over all, the kinds of people we want to be. Is the internet playing a positive role in the development of that kind of life or is it hampering us in some way?

And there are a lot of issues that fall under that umbrella. Everything from the role that social media plays in the creation of human relationships, to privacy, to net neutrality, to the whole question of who has and doesn't have access to the internet, to the development of the big data ecosystem, the kind of data that's collected, by whom and about whom, and for what purposes. There are a variety of questions that fall under that term and increasingly new questions because the internet has some connection to every aspect of our lives.



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**INTERNET ETHICS, INTERNET ADDICTION,  
ATM SCAMS, ONLINE SHOPPING THREATS,  
LOTTERY MAILS/SMS.**

## **Online Shopping Security Threats and How to Avoid Them**

Online shopping is a convenient way to buy consumer items, but it's far from risk-free.

photo of someone shopping online

Online shopping is one of the perks of modern society. Once you have an internet connection, you can buy just about anything from the comfort of your home without losing a sweat.

But cybercriminals are working to strip shoppers like you of your hard-earned money. Do you ditch online shopping because of them? That'd be a stretch. You can go about your business by taking the necessary precautions to stay safe.



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# CYBER SECURITY AWARENESS PROGRAM

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LOTTERY MAILS/SMS.

## Online Shopping Security Threats

1. Unencrypted Data
2. Adware
3. Identity Theft
4. Fake Online Stores
5. Data Breaches
6. Unsecured WiFi



## How to Protect Yourself from Online Shopping Security Threats

1. Update Your Browser and Operating System
2. Use Powerful Antivirus/Anti-Malware Software
3. Avoid Using Debit Cards
4. Implement Script Blockers
5. Steer Clear of Unsecured Websites
6. Use a Virtual Private Network (VPN)



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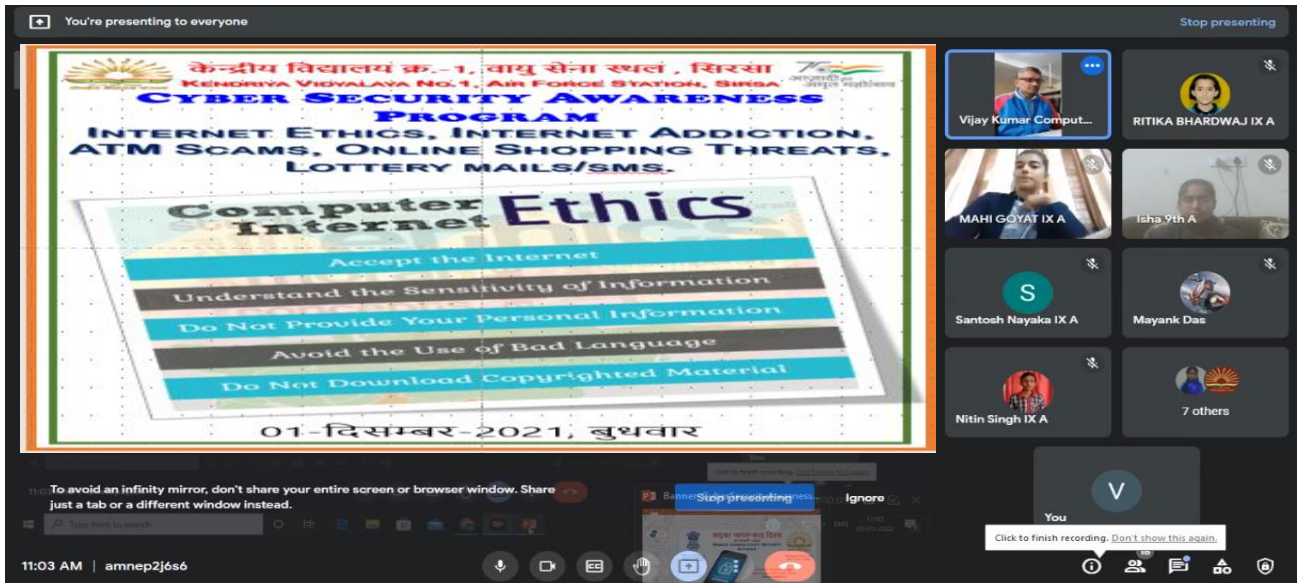
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# CYBER SECURITY AWARENESS PROGRAM

## INTERNET ETHICS, INTERNET ADDICTION, ATM SCAMS, ONLINE SHOPPING THREATS, LOTTERY MAILS/SMS.



01-दिसम्बर-2021, बुधवार



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# **CYBER SECURITY AWARENESS PROGRAM**

**MOBILE CONNECTIVITY  
SECURITY ATTACKS  
( BLUETOOTH , WIFI ,  
MOBILE AS USB)**



***KEEPING YOURSELF  
AND  
YOUR FAMILY SAFE  
IN A TECH DRIVEN  
WORLD***

05-जनवरी-2022, बुधवार





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# **CYBER SECURITY AWARENESS PROGRAM**

## **MOBILE CONNECTIVITY SECURITY ATTACKS ( BLUETOOTH , WIFI , MOBILE AS USB)**

### **Typical impact of attacks against Mobile Phones :**

- Loss of user's personal Information/Data, stored/transmitted through mobile phone.
- Privacy attacks which includes the tracing of mobile phone location along with private SMSs and calls without user's knowledge.
- Loosing control over mobile phone and unknowingly becoming zombie for targeted attacks.

#### **Don'ts:-**

- Never leave your mobile device unattended.
- Turn on applications [camera, audio/video players] and connections [Bluetooth, infrared, Wi-Fi] when not in use to avoid security issues.
- Never allow unknown devices to connect through Bluetooth.
- Never keep sensitive information like user names/passwords on mobile phones.
- Never connect to unknown networks or untrusted networks.

**05-जनवरी-2022, बुधवार**



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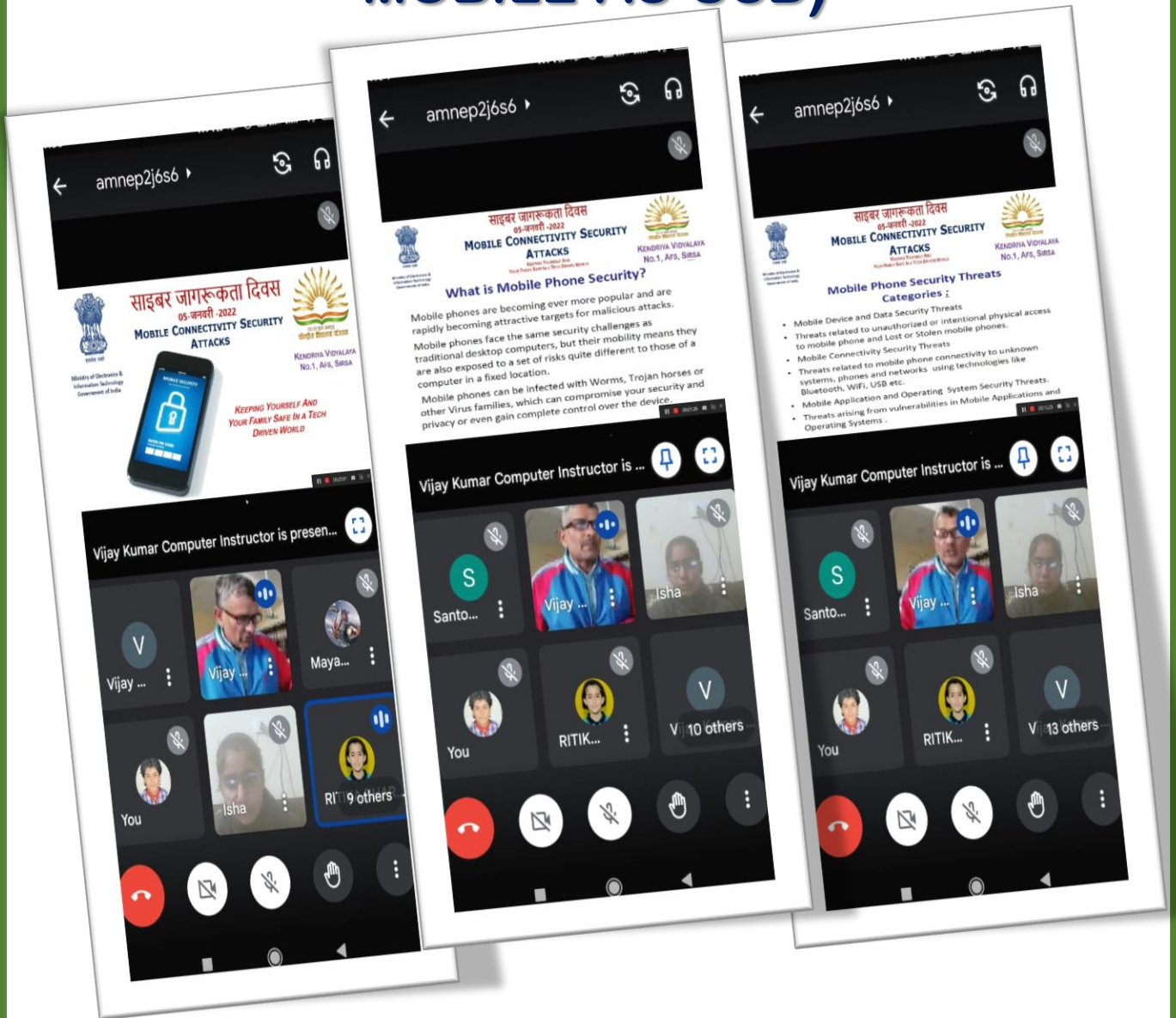


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# CYBER SECURITY AWARENESS PROGRAM

## MOBILE CONNECTIVITY SECURITY ATTACKS ( BLUETOOTH , WIFI , MOBILE AS USB)



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# CYBER SECURITY AWARENESS PROGRAM

## PREVENTIVE MEASURES TO BE TAKEN IN CYBER SPACE, REPORTING OF CYBER CRIME.

### Cyber Laws in India

Under The Information  
Technology Act, 2000

**OFFENCES – 66. Hacking with  
computer system.**

(1) Whoever with the **Intent** to cause or knowing that he is likely to cause **Wrongful Loss or Damage** to the public or any person **Destroys or Deletes or Alters any Information Residing in a Computer Resource** or diminishes its value or utility or affects it injuriously by any means, commits hack.

(2) Whoever commits hacking shall be punished with imprisonment up to three years, or with fine which may extend up to two lakh rupees, or with both.



सत्यमेव जयते



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# CYBER SECURITY AWARENESS PROGRAM

## PREVENTIVE MEASURES TO BE TAKEN IN CYBER SPACE, REPORTING OF CYBER CRIME.

### What is cybercrime?

Cybercrime is a broad term that is used to define criminal activity in which computers or computer networks are a tool, a target, or a place of criminal activity and include everything from electronic wracking(टूटना) to denial of service attacks. It is a general term that covers crimes like phishing, Credit card frauds, bank robbery, illegal downloading, industrial espionage, child pornography, kidnapping children via chat rooms, scams, cyberterrorism, creation and or distribution of viruses, spam and so on. It also covers that traditional crimes in which computers or networks are used to enable the illicit activity. Cyber crime is increasing day by day, nowadays it has become a new fashion to earn money by fraud calls or to take revenge through hacking other accounts.



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**PREVENTIVE MEASURES TO BE  
TAKEN IN CYBER SPACE,  
REPORTING OF CYBER CRIME.**

## **Crimes against persons**

- 1.Cyber-Stalking (साइबर पीछा)
- 2.Dissemination of Obscene Material  
(अश्लील सामग्री का प्रसार )
- 3.Defamation (मानहानि )
- 4.Cracking
- 5.E-Mail + SMS Spoofing
- 6.Carding
- 7.Assault by Threat



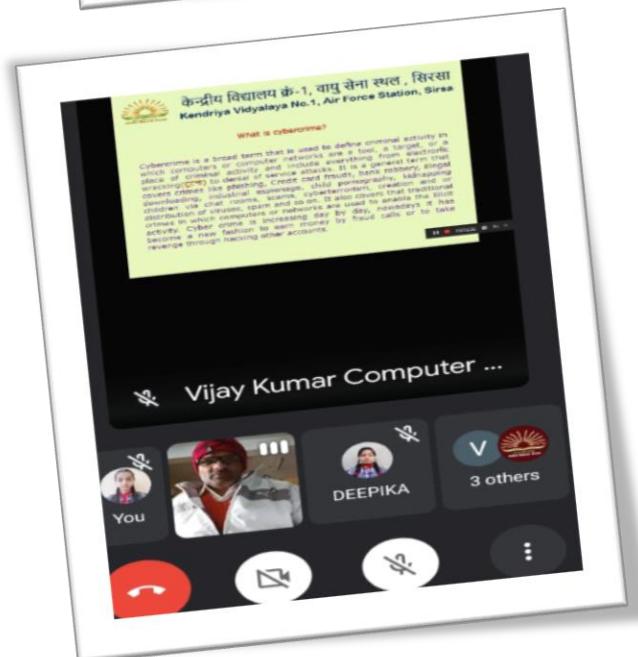
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## PREVENTIVE MEASURES TO BE TAKEN IN CYBER SPACE, REPORTING OF CYBER CRIME.





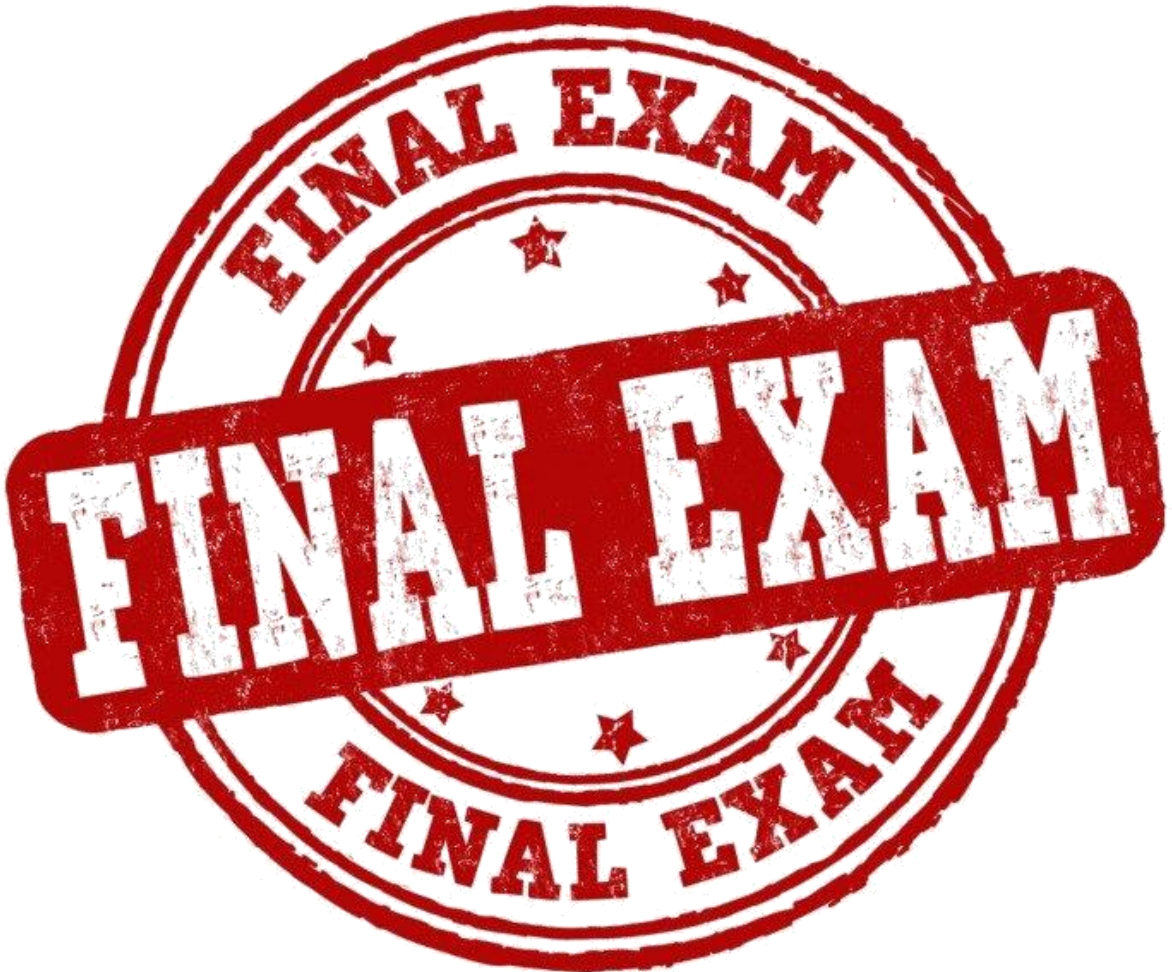
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# **CYBER SECURITY AWARENESS PROGRAM**

## **ANNUAL EXAMINATION TIME**



02-मार्च-2022, बुधवार



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# CYBER SECURITY AWARENESS PROGRAM

## SEMINARS ON CYBER SECURITY AWARENESS

**How to protect yourself against cybercrime**



Ministry of Electronics &  
Information Technology  
Government of India

- ❖ Use a full-service internet security suite
- ❖ Use strong passwords
- ❖ Keep your software updated
- ❖ Manage your social media settings
- ❖ Strengthen your home network
- ❖ Talk to your children about the internet
- ❖ Keep an eye on the kids

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# CYBER SECURITY AWARENESS PROGRAM

SEMINARS  
ON CYBER SECURITY  
AWARENESS



“ मैं एक ऐसे  
डिजिटल इंडिया  
का सपना देखता  
हूँ , जहाँ साइबर  
सुरक्षा हमारी  
राष्ट्रीय सुरक्षा का  
एक अभिन्न  
हिस्सा बन जाए ।

”

नरेंद्र मोदी

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# CYBER SECURITY AWARENESS

## PROGRAM

### SEMINARS

### ON CYBER SECURITY

### AWARENESS



06-अप्रैल-2022, बुधवार



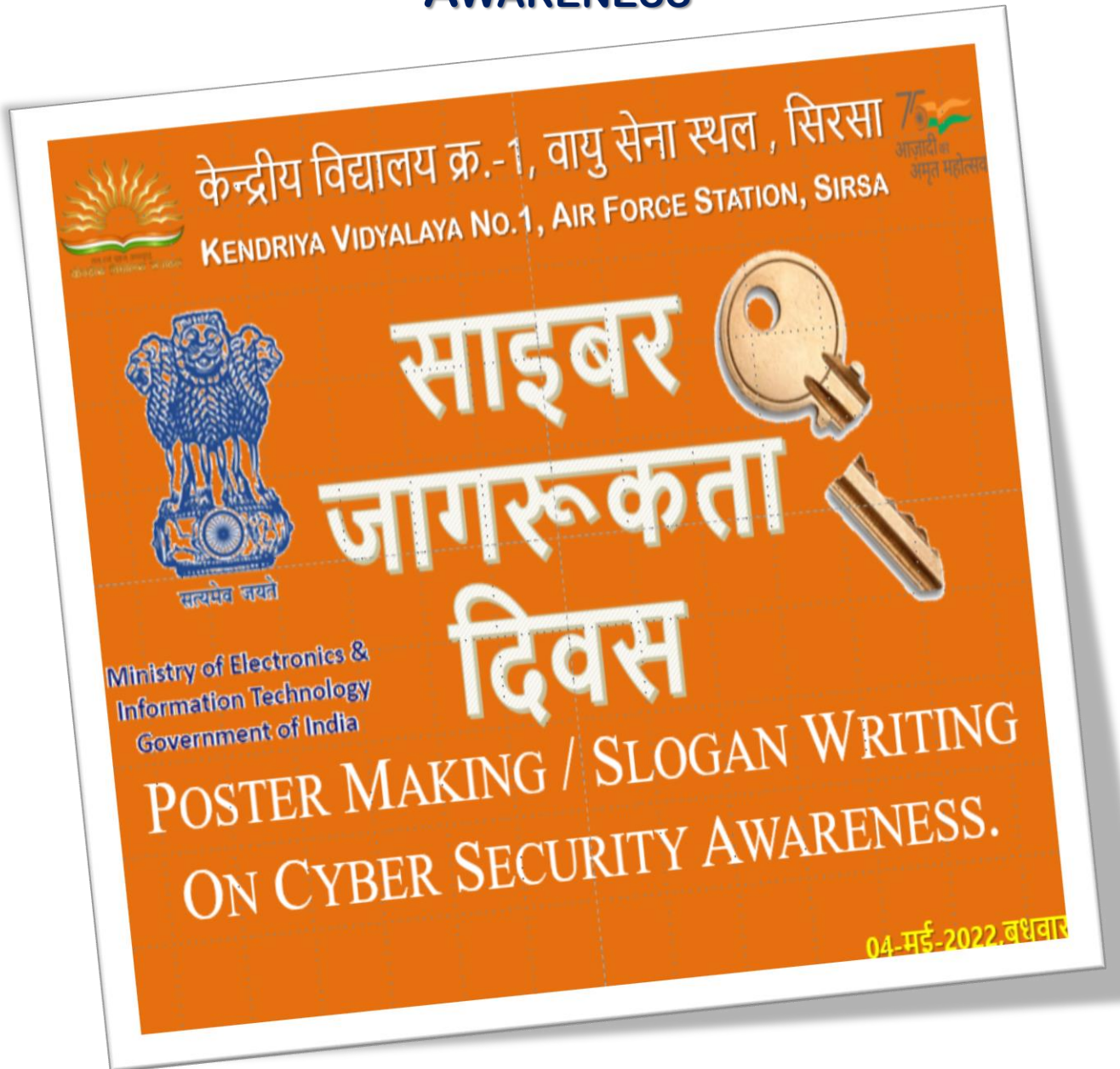
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# CYBER SECURITY AWARENESS PROGRAM

POSTER MAKING / SLOGAN WRITING  
ON CYBER SECURITY  
AWARENESS



04-मई-2022, बुधवार



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# CYBER SECURITY AWARENESS PROGRAM

## POSTER MAKING / SLOGAN WRITING ON CYBER SECURITY AWARENESS



04-मई-2022, बुधवार



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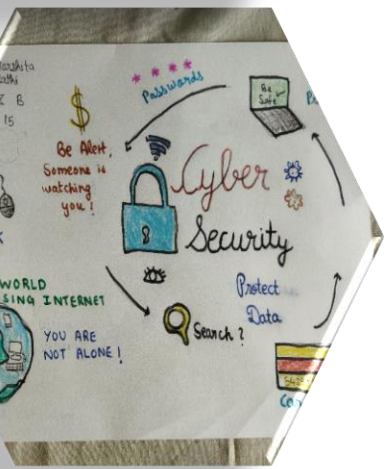
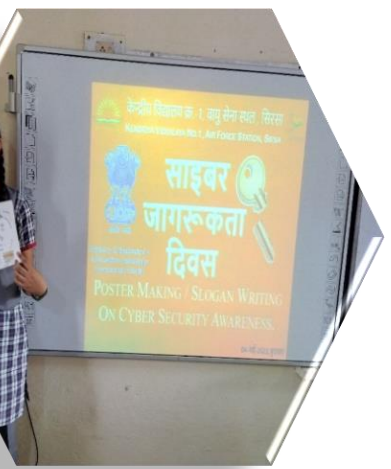
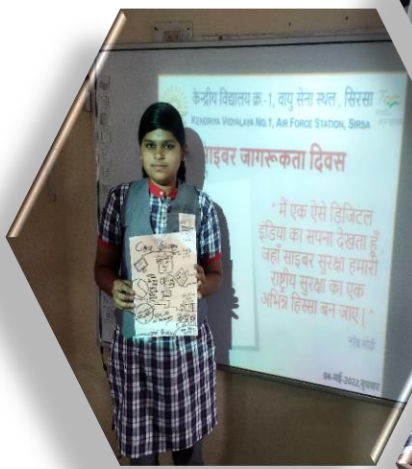


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# CYBER SECURITY AWARENESS

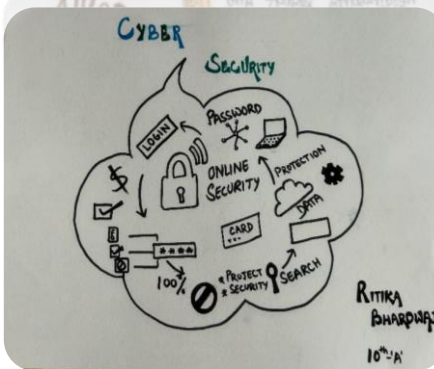
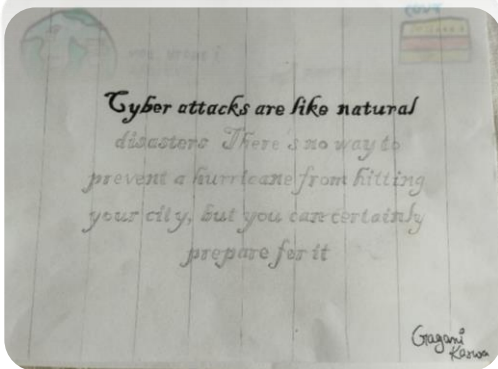
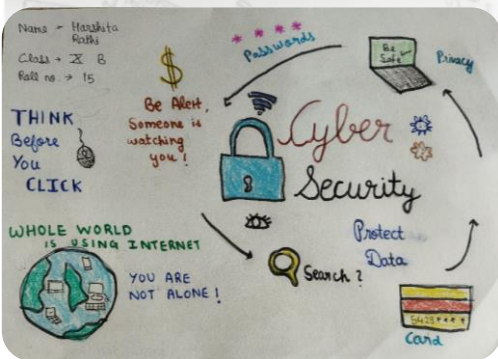
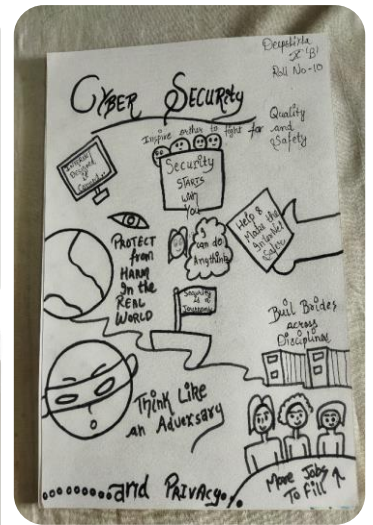
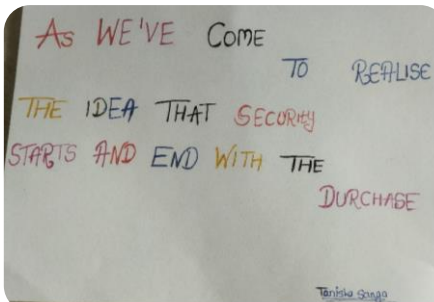
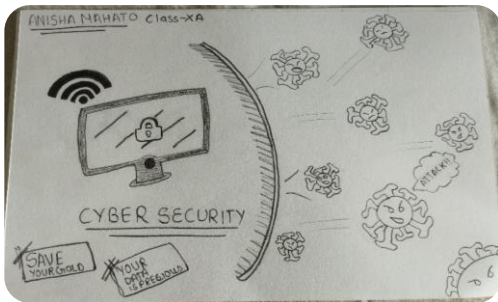
## PROGRAM

### POSTER MAKING / SLOGAN WRITING ON CYBER SECURITY AWARENESS



# CYBER SECURITY AWARENESS PROGRAM

## POSTER MAKING / SLOGAN WRITING ON CYBER SECURITY AWARENESS





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# CYBER SECURITY AWARENESS PROGRAM

## SHORT STORIES / ESSAYS WRITING ON CYBER SECURITY AWARENESS.

नाम (X)

Date 01-06-2022

Expt. No. \_\_\_\_\_ Page No. \_\_\_\_\_

Cyber Security Awareness

Cyber awareness means to say that, we must aware or alert about what we are doing with the help of internet, like online purchasing or fund transfer. If we are not aware about security than we must paid. Because the technology can help us but it can also ruin us. Its negative impact of the technology.

We must not disclose about ~~our~~ our any password or ATM Debit card pin to anyone, it would be harmful. Dont share the OTP with anyone on phone or anything about bank account to anyone.

JAIHIND.

01-जून-2022, बुधवार



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# CYBER SECURITY AWARENESS PROGRAM

## MOBILE APPS SECURITY , USB STORAGE DEVICES SECURITY



06-जुलाई-2022, बुधवार





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# **CYBER SECURITY AWARENESS PROGRAM**

**MOBILE APPS SECURITY , USB  
STORAGE DEVICES SECURITY**

## What is Mobile App Security?

Mobile app security is a measure to secure applications from external threats like malware and other digital frauds that risk critical personal and financial information from hackers.

Mobile app security has become equally important in today's world. A breach in mobile security can not only give hackers access to the user's personal life in real-time but also disclose data like their current location, banking information, personal information, and much more.



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# CYBER SECURITY AWARENESS PROGRAM

## MOBILE APPS SECURITY , USB STORAGE DEVICES SECURITY

### What is USB storage security?

Storage security is the group of parameters and settings that make storage resources available to authorized users and trusted networks - and unavailable to other entities. Storage security can encompass hardware management, application development, network security controls, communications protocols, organizational policy, physical security and user behavior.



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# CYBER SECURITY AWARENESS PROGRAM

## MOBILE APPS SECURITY , USB STORAGE DEVICES SECURITY



06-जुलाई-2022, बुधवार



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# CYBER SECURITY AWARENESS PROGRAM

DEBIT / CREDIT CARD FRAUD , EMAIL SECURITY, MOBILE PHONE SECURITY.

## Top mobile security threats



Malware attacks



Phishing



Lost or stolen devices



Cross-app data sharing



Unpatched OSes



## SMART PHONE SECURITY THREATS

### Downloadable Applications Threats:

- ★ Malware
- ★ Spyware
- ★ Privacy
- ★ Zero Day Vulnerabilities

### Network and WiFi Security Threats:

- ★ Network Exploits
- ★ WiFi Sniffing
- ★ Cross-Platform Attacks
- ★ BOYD

### General Cyber Security Threats:

- ★ Phishing
- ★ Social Engineering
- ★ Drive By Downloads
- ★ Browser Flaws
- ★ OS Flaws
- ★ Data Storage

### Physical Threats:

- ★ Loss/Theft

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# CYBER SECURITY AWARENESS PROGRAM

## DEBIT / CREDIT CARD FRAUD , EMAIL SECURITY, MOBILE PHONE SECURITY.

### Debit/Credit Card

A debit/ Credit card is a payment card that deducts money directly from a consumer's checking account when it is used.

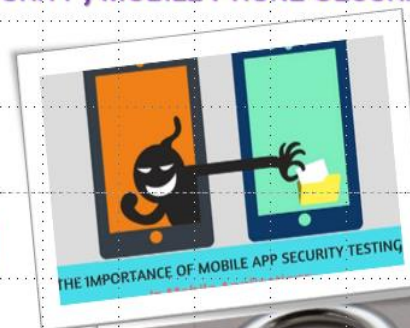
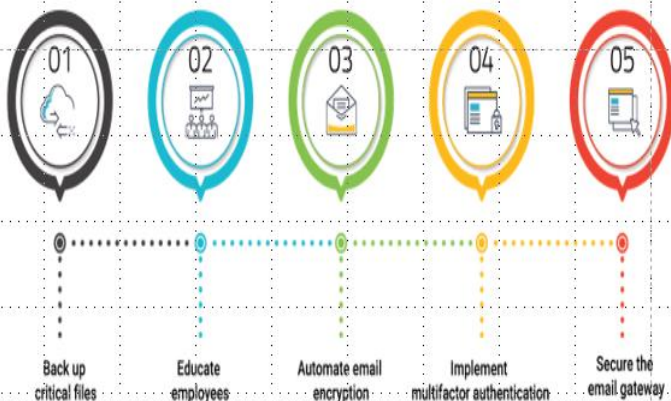
### Email Security Definition

Email security is a term for describing different procedures and techniques for protecting email accounts, content, and communication against unauthorized access, loss or compromise. Email is often used to spread malware, spam and phishing attacks.

### CYBER SECURITY AWARENESS FOR

### DEBIT/CARD CARD FRAUD, EMAIL SECURITY , MOBILE PHONE SECURITY

#### BEST PRACTICES FOR EMAIL SECURITY



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# CYBER SECURITY AWARENESS PROGRAM

## DEBIT / CREDIT CARD FRAUD , EMAIL SECURITY, MOBILE PHONE SECURITY.

### What is Mobile Security?

Mobile security, which refers to the protection of mobile devices against cybersecurity threats, is a top-of-mind concern for today's companies due to the growing use of mobile devices for business purposes. As remote workers access corporate data and applications using untrusted mobile devices, companies require an easy-to-use solution that protects their data without negatively impacting employee productivity.

**मोबाइल एप्लिकेशन सुरक्षा**

- मोबाइल ऐप्स डाउनलोड करने के लिए केवल आधिकारिक स्टोर्स का प्रयोग करें
- लंबे समय तक उपयोग में न रहने वाले ऐप्स को अनइंस्टॉल कर दें
- किसी भी मालवेयर को हटाने के लिए अपने फोन के फैक्टरी सेटिंग्स को रीसेट करें
- आपके द्वारा डाउनलोड किए जाने वाले प्रत्येक ऐप के लिए अनुमतियों की समीक्षा सुनिश्चित करें
- हमेशा एक अद्यतित एंटी वाइरस सुरक्षा समाधान का इस्तेमाल करें
- शीर्षक या विवरण में वर्तनी की अशुद्धियों की जांच करें
- खरीदारी घूट का वादा करने वाले ऐप्स से सावधान रहें
- समीक्षाओं को पढ़कर ऐप्स और उनके डेवलपर्स के बारे में अच्छा शोध करें
- ईमेल, सोशल मीडिया आदि में दिए गए लिंक्स पर क्लिक करके ऐप्स इंस्टाल करने से बचें
- प्रकाशन तिथि को देखें। एक नकली ऐप में हाल में ही प्रकाशित तिथि होगी

साइबर अपराध की रिपोर्ट करने के लिए [www.cybercrime.gov.in](http://www.cybercrime.gov.in) पर जाएं

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# CYBER SECURITY AWARENESS PROGRAM

DEBIT / CREDIT CARD FRAUD , EMAIL  
SECURITY, MOBILE PHONE SECURITY.

## What Is Debit Card Fraud?

- ❖ Debit card fraud is when someone gets access to your debit card number or PIN and makes unauthorized purchases or withdrawals from your account. Here are some ways that debit card fraud might occur:
- ❖ A fraudster installs a card skimming device to a gas station fuel pump, skims your debit card information and uses it to drain your bank account.
- ❖ A service or repair person finds old statements in your home, steals your account number and racks up thousands of dollars in fraudulent charges.
- ❖ A thief distracts you while walking down a busy street, takes your bookbag and uses the debit card in the bag to go on an online shopping spree.
- ❖ You get an email that links to a fraudulent retail store where your debit card number is collected and used to commit fraud.
- ❖ A data breach happens at your bank and hackers run off with your personal data.

## How to Prevent Debit Card Fraud

- ❖ When it comes to protecting yourself from debit card fraud, the best offense is defense. Staying on top of your accounts can help you quickly catch transactions that look out of place so you can minimize your financial loss.
- ❖ Here are steps you can take to protect yourself:
- ❖ Review your statement each month. Online bank accounts typically offer a transaction log where you can regularly review your purchases, but it's also worthwhile to run through your statements each month to see if you missed any unusual activity. If you find a questionable charge, be sure to contact your debit card issuer immediately.
- ❖ Keep statements in a safe place. Physical statements you decide to keep should be put somewhere safe. Shred statements that you don't need.
- ❖ Keep tabs on your debit cards. Since so many transactions today happen virtually without an actual card swipe, you might not use your physical card on a daily basis. Keep track of which wallet your cards are in so they don't fall into the wrong hands. If you lose a card or think it may be stolen, report it right away.

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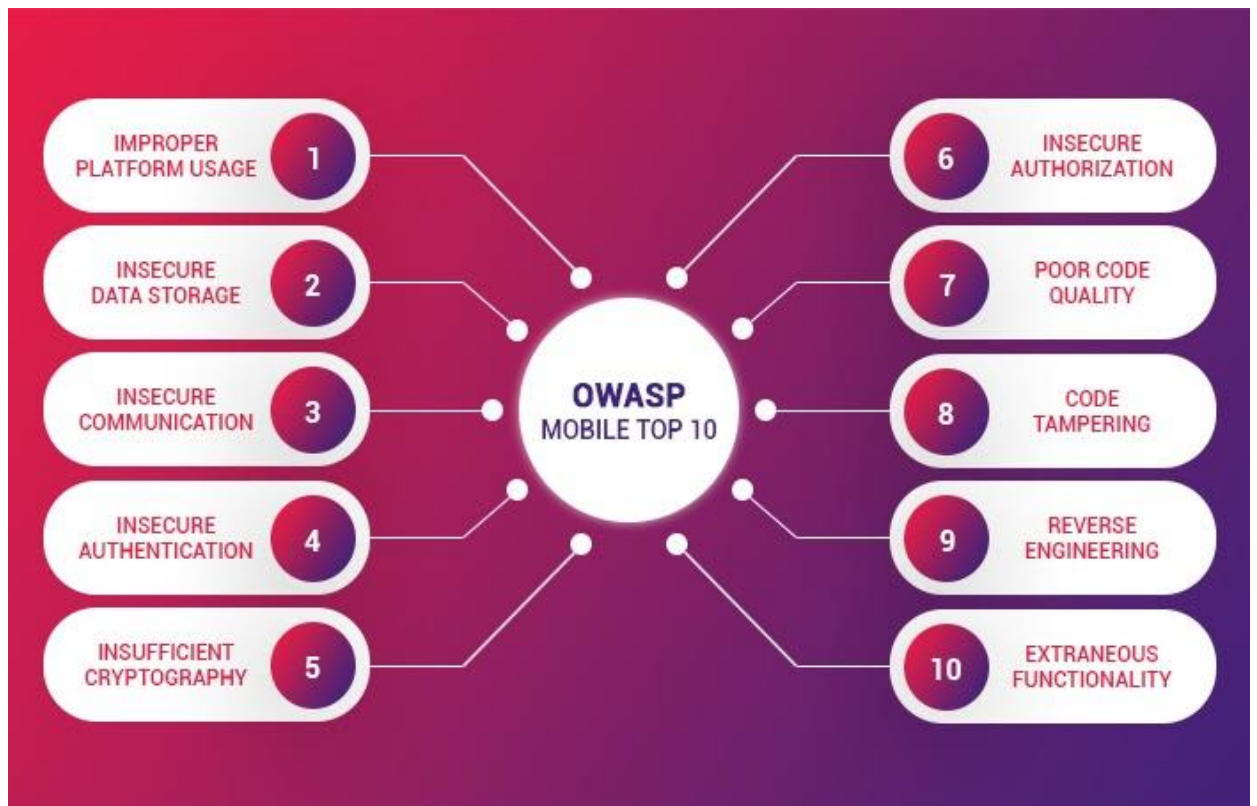


# CYBER SECURITY AWARENESS PROGRAM

DEBIT / CREDIT CARD FRAUD , EMAIL SECURITY, MOBILE PHONE SECURITY.

## What is email security ?

- ❖ Email security is the process of ensuring the availability, integrity and authenticity of email communications by protecting against the risk of email threats.
- ❖ Email enables billions of connected people and organizations to communicate with one another to send messages. Email is at the foundation of how the internet is used, and it has long been a target for attacks.
- ❖ Since the earliest days of email, it has been abused and misused in different ways with no shortage of email threats.







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# CYBER SECURITY AWARENESS PROGRAM REVIEWS FROM STUDENT'S

## REVIEWS FROM THE STUDENTS

S.No	Name	Class + RollNo	Message
1	HARSHITA	XB/10215	In the session, I learned to be safe <sup>while</sup> using internet.
2	SAHIL GIRI	X-B/10226	In the cyber security class I learnt that my password <sup>I need to keep</sup> private.
3	ROHINI	IX-A/9134	I learned to be safe while using internet.
4	ANMOL BHARDWAJ	IX-A/17	It is very useful. I learned to be secure from critical things.
5	HIMANSHU	IXB/16	I learned how to use Internet safely.
6	SAHEJDEEP	IXB/38	It is very useful. I learned to be secure from critical things.
7	ANNI YADAV	VIA/04	In this class I learnt <del>the</del> how to secure ourselves <sup>by</sup> mail.
8	YOGITA	VIA/44	I learned to use the Debit and Credit Card.
9	PRIYANSH	VIII B/43	I had learned that how to secure Debit and Credit Card.
10	VANSHIKA	VIII B/40	I had learned that How to use Debit card.
11	SARA	VIB/31	मैंने एटिम् का प्रयोग करना सीखा।
12	DAKSH	VIB/09	मैंने जीमेल का प्रयोग करना सीखा।
13	KUSUM	VIII A/20	I learn <del>who</del> to create strange passcode.
14	Mohit	VIII A/24	I like the debit card program.
15	Isha	10 <sup>th</sup> A/11	I learned that how to <del>find</del> use phone carefully.
16	Raja	10 <sup>th</sup> A/20	I learned how to <sup>secure</sup> manage password from others.
17	Umash	10 <sup>th</sup> A/30	I understand about how to manage and protect our <sup>personal</sup> information.
18	दीप	7 <sup>th</sup> B/15	मैंने मोबाइल फोन के बारे में पता चला।



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# CYBER SECURITY AWARENESS PROGRAM

डेबिट कार्ड/क्रेडिट कार्ड धोखाधड़ी  
को रोकने के लिए सतर्क रहें

# जयहिन्द