

**Ministry of Electronics and Information Technology(MeitY)  
Government of India**



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**Information Security Education and Awareness (ISEA) Project**

**Cyber Hygiene Practices**

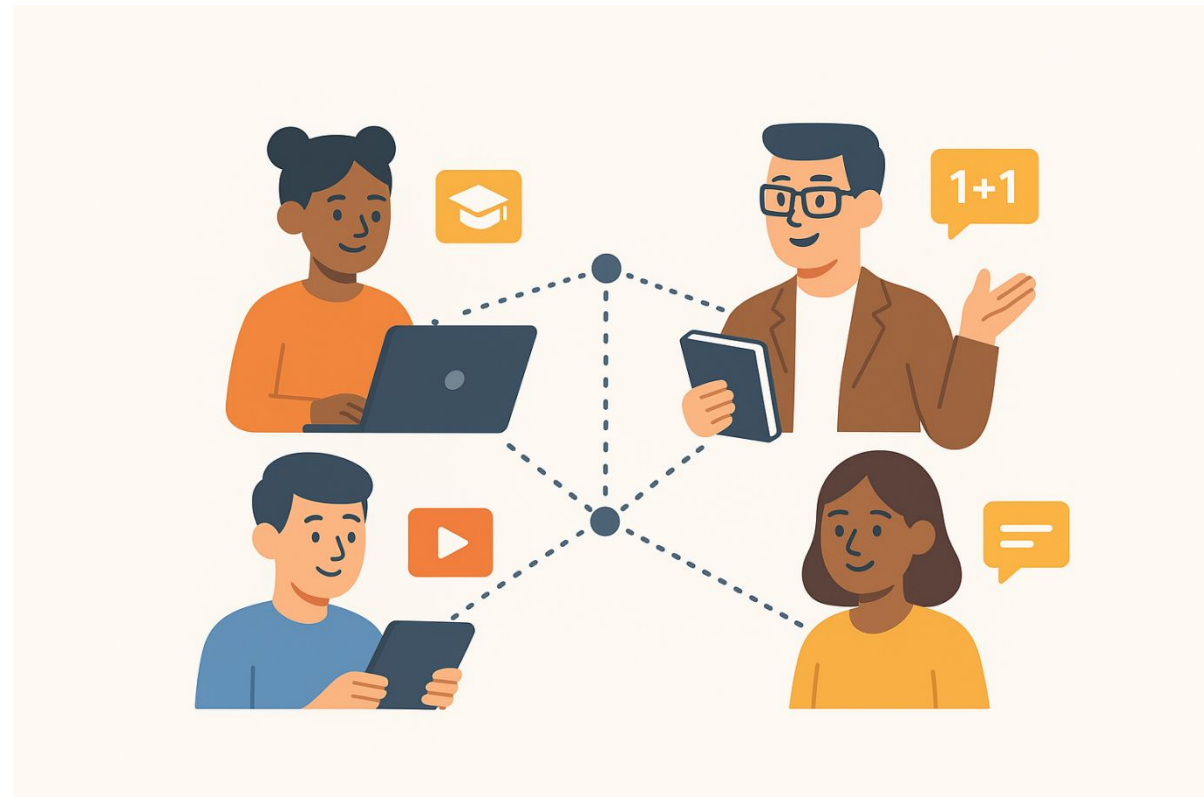


# Data Breaches & Cybersecurity

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CDAC Mohali

# Welcome & Introduction

- ❑ Overview of Cybersecurity
- ❑ Why this topic matters
- ❑ What we will learn today



# What is Cybersecurity?

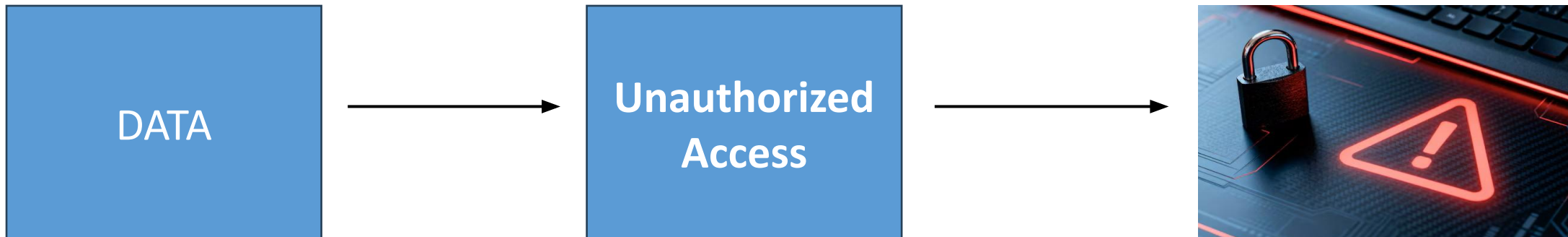


**Protecting your  
digital life**

- Protecting devices and data
- Preventing unauthorized access
- Ensuring digital safety

# What is a Data Breach?

- ❑ When confidential data is exposed
- ❑ Causes include hacking, phishing, human error
- ❑ Affects schools, families & individuals



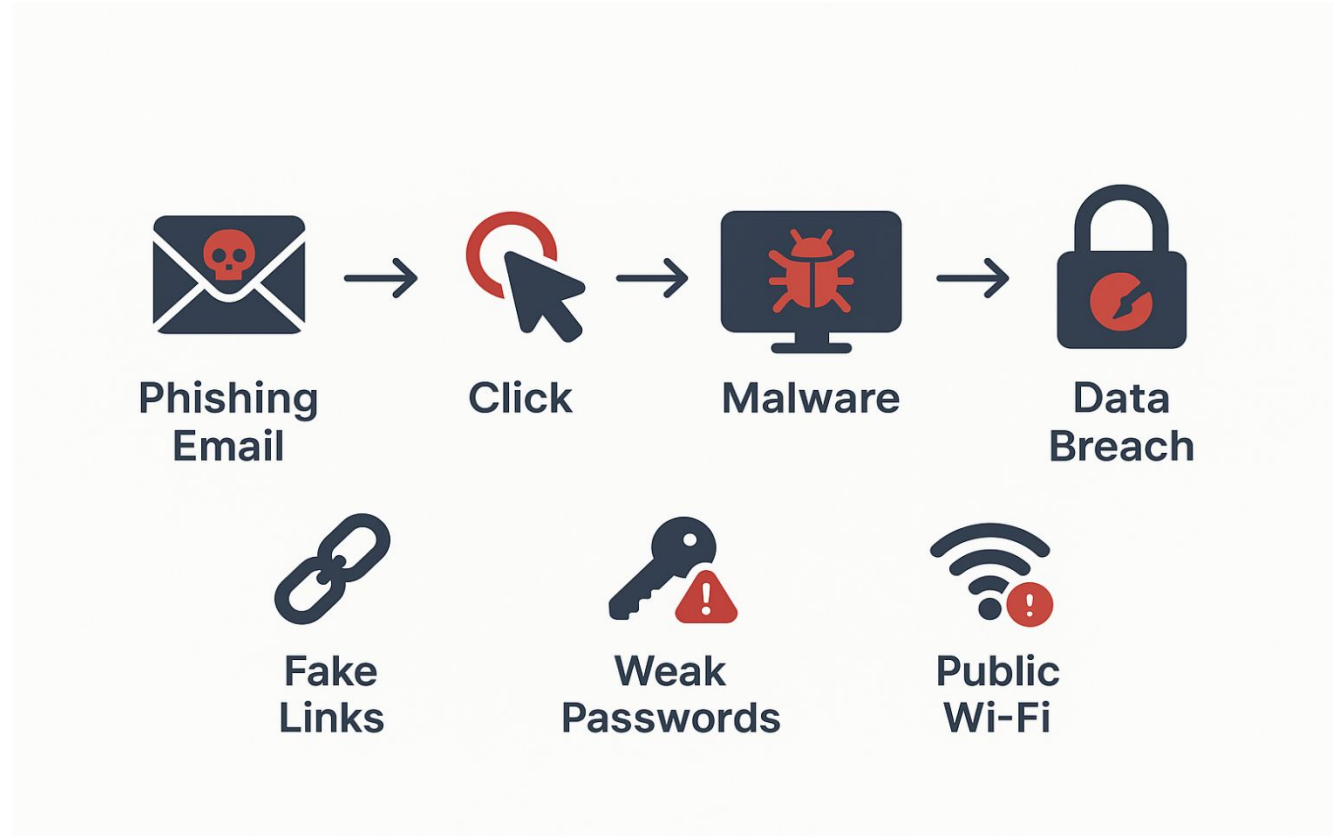
# Real-Life Breach Examples

- School ransomware attacks
- Social media hacks
- Email credential leaks



# How Breaches Happen

- Phishing links
- Weak passwords
- Unsafe Wi-Fi
- Malware



# Impact on Students

- ❑ Social media compromise
- ❑ Cyberbullying
- ❑ Identity theft risk



# Impact on Parents

- Financial fraud
- Family identity theft
- Misuse of personal info

## Two main risks:



**Financial  
Fraud**



**Identity  
Theft**

**One mistake can cost big.**

# Impact on Teachers

- ❑ Exposure of student records
- ❑ Misuse of official accounts
- ❑ Trust & reputation impact



# Cyber Hygiene Basics

Strong passwords

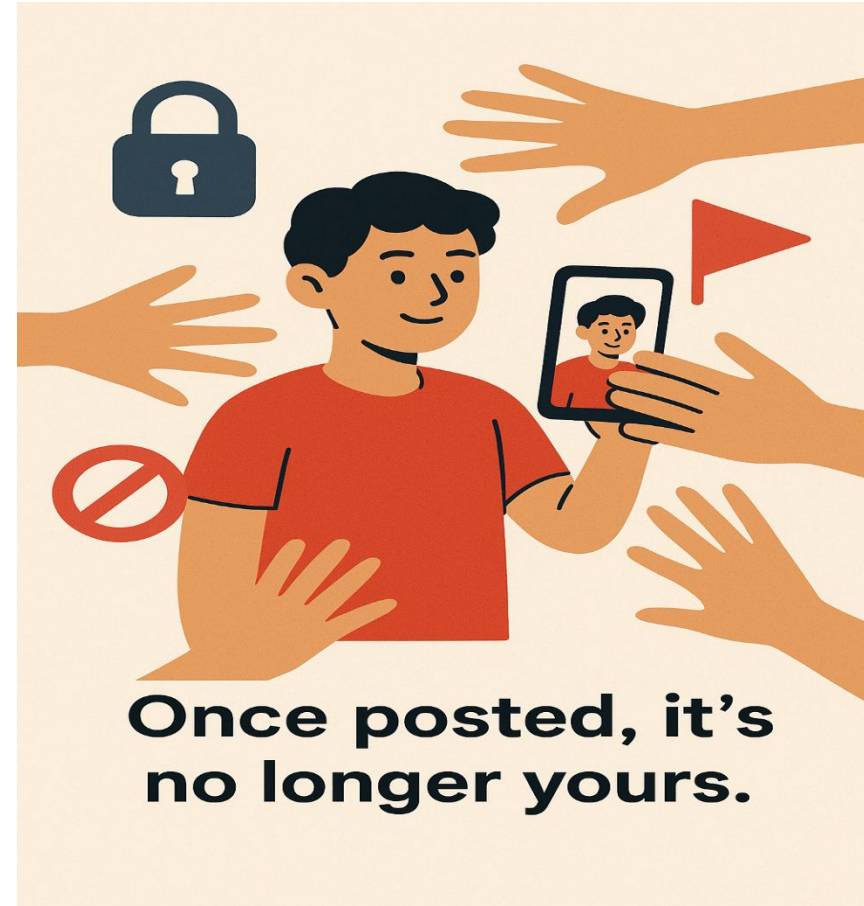
2FA

App updates

Safe browsing





# Social Media Safety

- Keep profiles private
- Avoid oversharing
- Report fake accounts



# Safe Online Learning

- Use official links
- Protect meeting IDs
- Verify email senders

<p><b>GENUINE SCHOOL LINK</b></p>  <p> <a href="http://www.school.edu">www.school.edu</a></p>	<p><b>FAKE LINK</b></p>  <p> <a href="http://www.sch0ol.com">www.sch0ol.com</a></p>
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# Parents' Checklist



Monitor activity



Use parental controls



Teach digital etiquette

# Teachers' Checklist

- Secure digital tools
- Protect student data
- Report incidents



# Safety for Kids (6–12)

- Use safe apps
- Supervised internet use
- No sharing personal info



**No personal info sharing!**

# Safety for Teenagers

- Avoid risky challenges
- Strong passwords
- Think before posting



KEEP YOUR INFORMATION AND PASSWORDS PRIVATE



BE CAREFUL ABOUT WHAT YOU POST ONLINE



CHECK YOUR PRIVACY SETTINGS



SHOP SAFELY IN TRUSTED WEBSITES



CHOOSE STRONG PASSWORDS



PROTECT ALL YOUR DEVICES WITH AN ANTIVIRUS



REMEMBER TO LOG OFF



CHECK WEBSITE URL



CHECK E-MAILS BEFORE OPENING THEM



AVOID PHISHING AND SCAMS



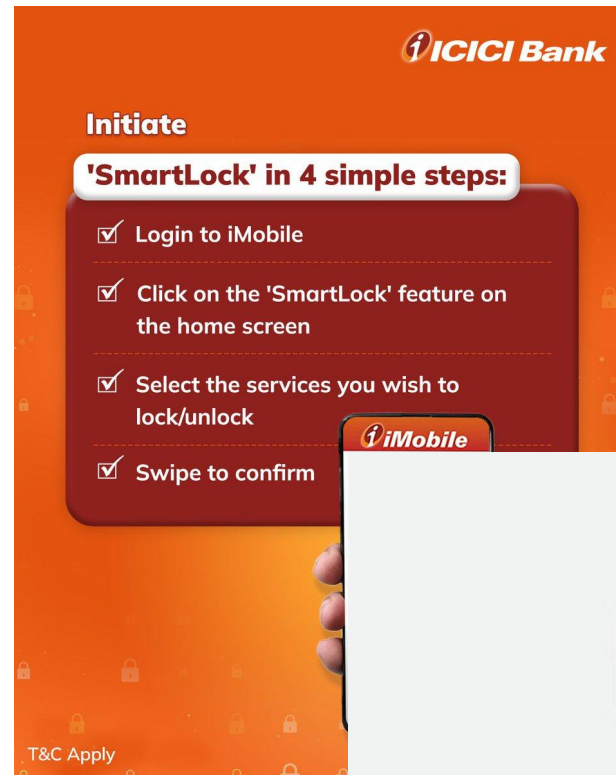
KEEP KIDS SAFE ONLINE



RESPECT YOURSELF AND OTHERS ONLINE

# Safety for Adults

- Secure banking
- Beware of scams
- Protect home Wi-Fi



**i ICICI Bank**

**Initiate**

**'SmartLock' in 4 simple steps:**

- Login to iMobile
- Click on the 'SmartLock' feature on the home screen
- Select the services you wish to lock/unlock
- Swipe to confirm

**iMobile**

T&C Apply



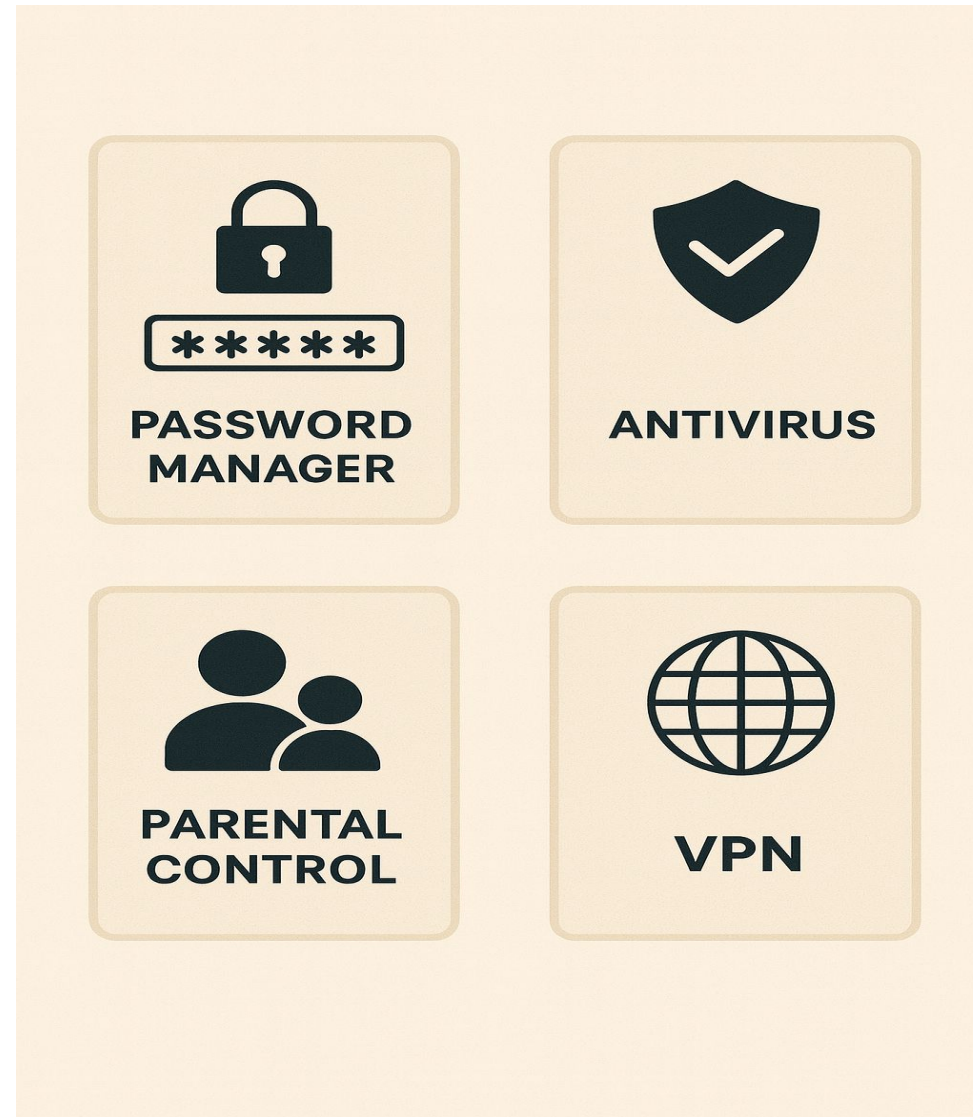
Secure Your Wi-Fi



**NEVER**  
SHARE YOUR  
**OTP** \*\*\*\*\*  
WITH **ANYONE**

# Useful Cyber Tools

- Antivirus apps
- Password managers
- Parental control tools
- VPN



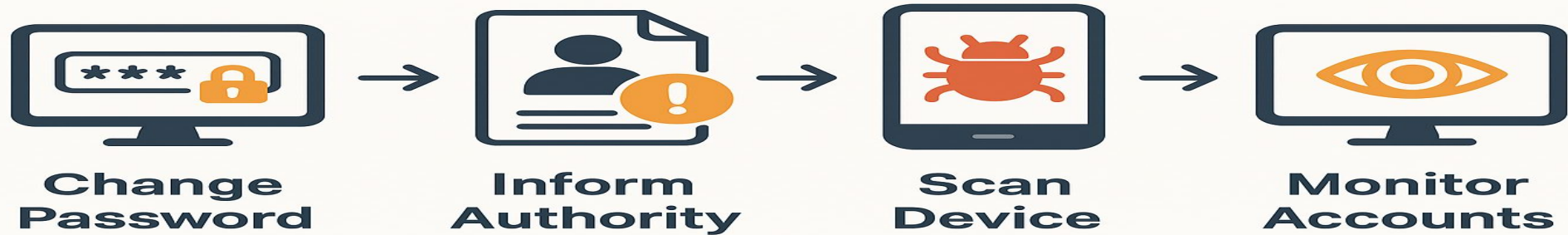
# Cyber Safety Quiz



- What is phishing?
- Should OTP be shared?
- Is public Wi-Fi safe?
- What makes a strong password?

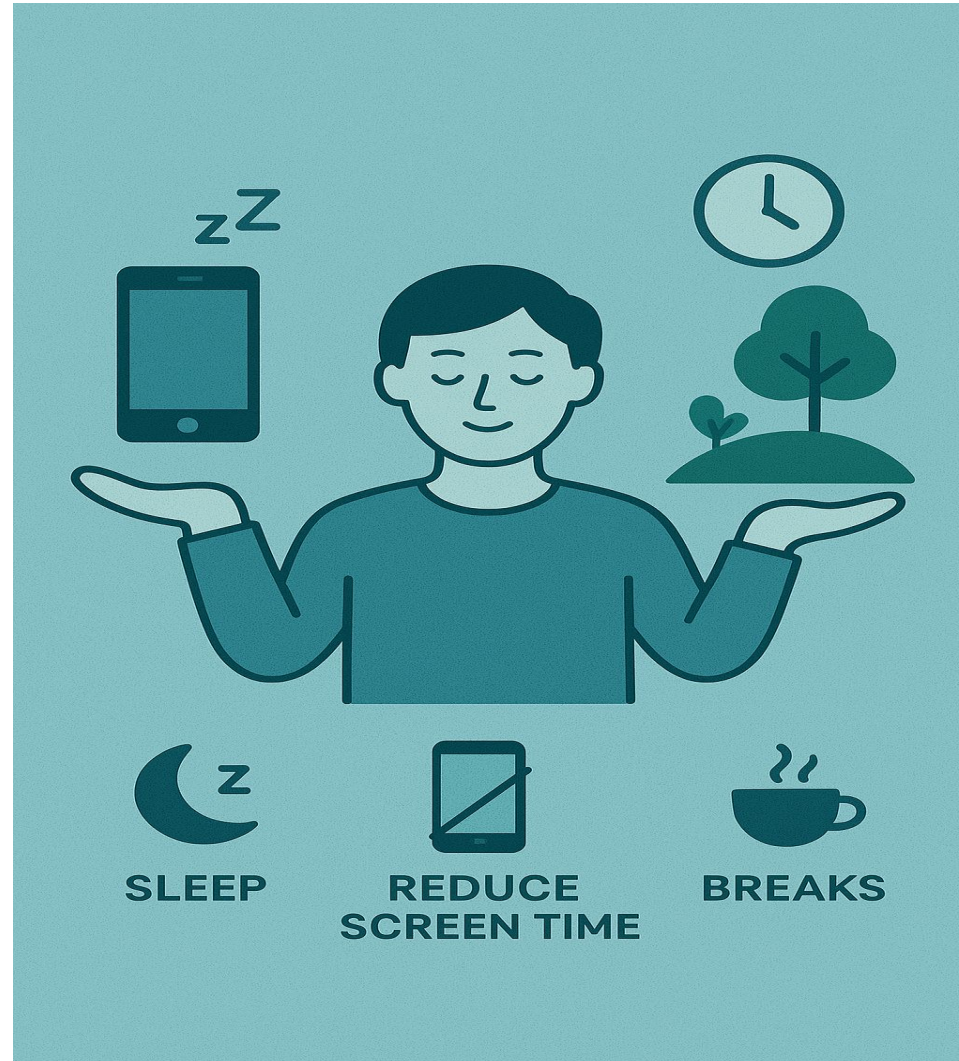
# Incident Response Steps

- Change passwords
- Notify authority
- Check financial activity



# Digital Well-being

- Limit screen time
- Avoid late-night browsing
- Mindful internet habits



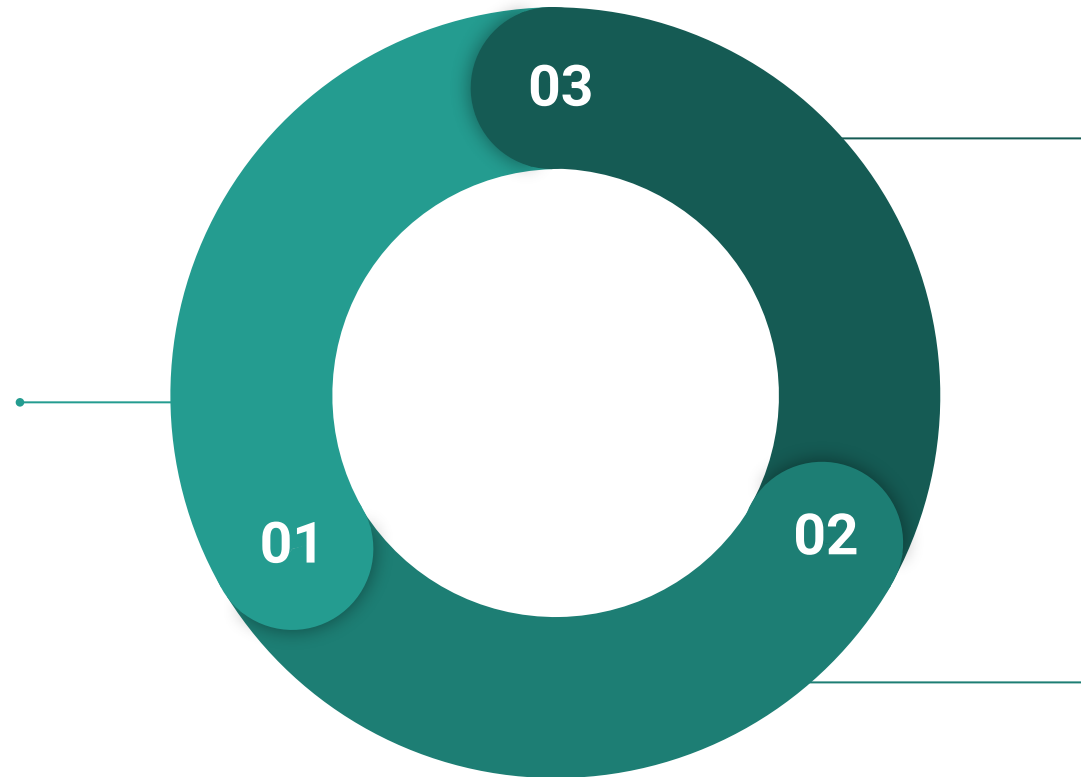
# Final Tips

- ✓ Stay alert
- ✓ Think before you click
- ✓ Cybersecurity is teamwork

*Thank you for joining*

Call 📞 1930  
(Helpline number)

to register any  
complaint about  
cybercrime.



You can also file  
your complaint 📄  
online through  
[www.cybercrime.  
gov.in](http://www.cybercrime.gov.in)

You can also file  
your complaint at  
the **nearest**  
**police station**





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