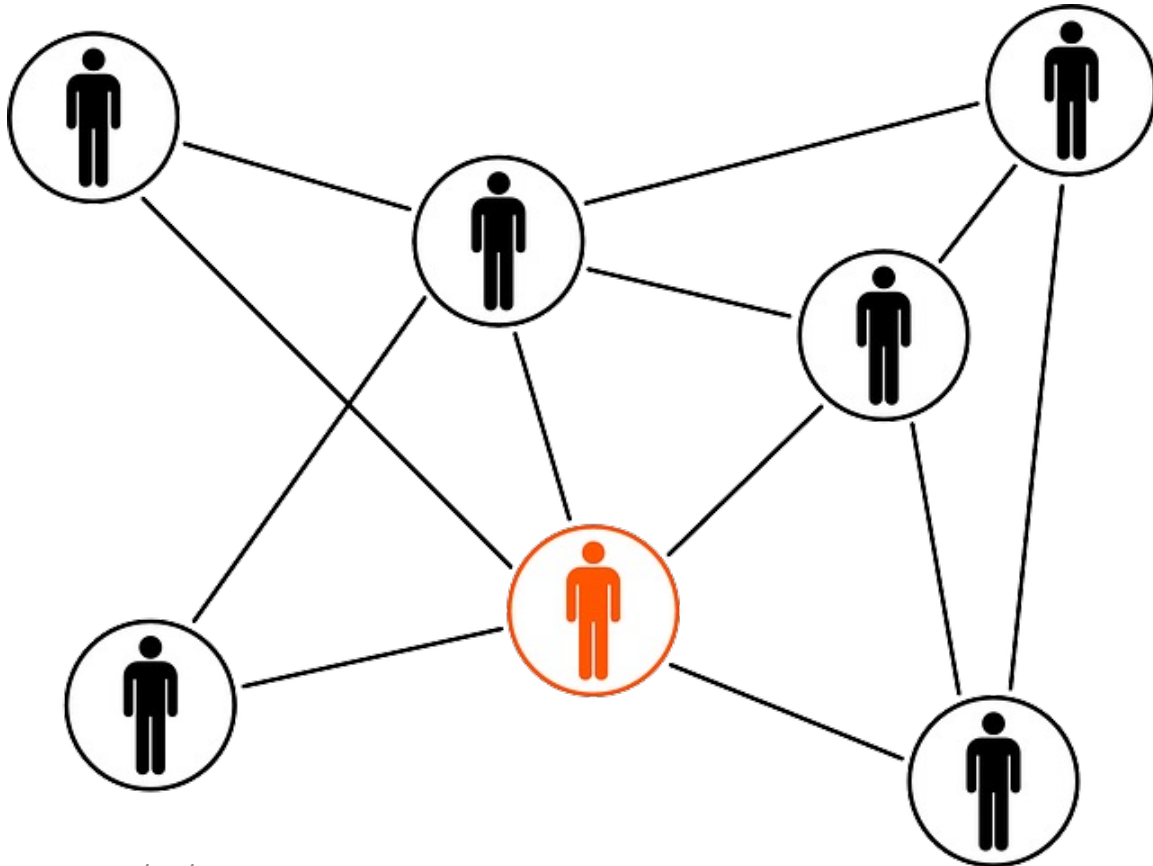




Safety & Security in Cyber Space

*Nisha Dua
Mentor, Coach & Consultant
Cyber Safety & Security
CyberPeace*

We Live in an Interconnected World



Which is At Our Fingertips



Source: <https://www.globaldataexcellence.com/wp-content/uploads/2017/02/Global-Data-Excellence-Data-governance-market-report.jpg>

At The Click Of The Mouse...



Super Market



Travel



Banking



Socialising



Entertainment



Knowledge

Internet brings tremendous social possibilities, opportunities but also responsibilities

Are WE ready to seize opportunities & face challenges in this new world?



Realities & Challenges

Though Interconnected world has made our lives –Easy and Interesting

- Unsafe
- Open to Misinformation
- Vulnerable to Financial Frauds

Have you or any of your friend received links on the email or text-

- Promising rewards, free gifts/ holidays
- Urgent messages asking you to pay the electricity/ phone/ cable bill through a link, else the connection will be discontinued
- Complete KYC else account will be closed
- Service message asking you to click OK else phone will shut down
- **Latest message – Homeowners being asked for click on the OK button as government is coming up with new policies.**

Real OR Fake

January 28, 2020 7:08 PM

YACOOB MIS, BREANA N

[Details](#)



CONGRATULATIONS!!

Your Email was selected in Powerball Lottery Draw with the sum of 1.5million dollars. Kindly send your Full Name, Address and Phone Number for claims.

**Yours Sincerely
Mr. James Hodges
Head Of Operations**



Congratulations!

Tata Groups. 150th Anniversary Celebration!

Through the questionnaire, you will have a chance to get Tata Nexon EV.



Question 1 of 4 : Do you know Tata Groups. ?

yes

Won a car in a quiz

Add label



Swati Swami 1:31 pm

to rntata@tata.com



Hello Sir,

Hope you are doing well. My name is Swati Swami. I am 25 years old and living in Chennai. I received a whatsapp text in which it was written "TATA is celebrating their 150th anniversary. Take a quiz and win a car". I took the quiz, then it asked me to tap on boxes to reveal my gift and given me 3 attempts. I won car in my last attempt. At back of my mind I was still curious if this is fake or not.

If this was really true then I am waiting for my car(which I really can't afford right now). If it is not, then also I am happy, atleast I got to email you once in my life.

Kind regards,

Swati Swami

Mobile: 98899 77777

Real OR Fake



WORLD CUP VIDEOS GRAVITAS WORLD INDIA SHOWBIZ LIFESTYLE SPORTS SCIENCE PHOTOS LIVE TV

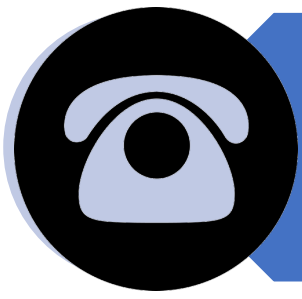
Tiger 3 actress Katrina Kaif falls victim to deepfake!

After Rashmika Mandanna's DEEPFAKE video, rumoured couple Sara Tendulkar and Shubman Gill's morphed image goes viral on internet

Deepfake fraud

How can we stay safe from it?

- Deepfakes are realistic-looking but fake images, voices or videos generated via AI.
- Videos and Pictures are morphed and synthetic voice, actions inserted
- Scammers use this technology to target victims by impersonating close friends or family.
- On 9 July, a Kerala man lost Rs 40,000 to an Artificial Intelligence-based scam when someone who claimed to be a former colleague called him and asked for money to help a relative in hospital.



India has 40% share in Global Digital Payment



700,000 complaints on help line no 1930 in April 2023



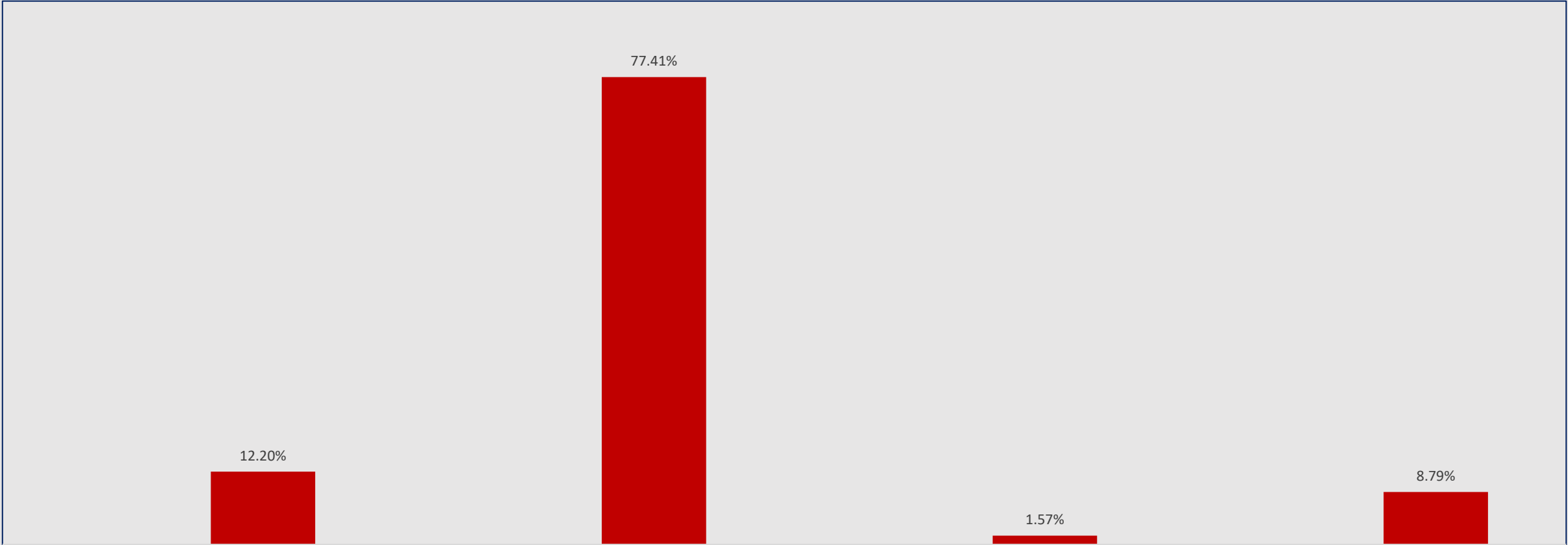
5.2 million mobile connections using fake documents identified in April-August 2023



276 crore of online fraud using debit/credit card in 2022-23

Cyber Crime Distribution in India

Series1 Series2



Social Media Frauds 12.2%

Financial Frauds 77.41%

System Frauds 1.57%

Others 8.79%

Personal Safety



Data &
System
Security

Financial
Security

Personal
Safety

- Keep Geo Location off
- Control App Permissions
- Use Strong Passwords
- Set 2 Factor Authentication with login alert notifications
- Avoid Public Wifi
- Avoid Juice Jacking
- Don't participate in online challenges like saree challenge or aging picture
- Recheck Privacy Settings
- Lost & Found USB



Your data in Maps

N

Home and work addresses

Your home and work addresses are used to personalise your experiences across Google products, and to show you more relevant ads.



Home
Not set



Work
Not set



Location History



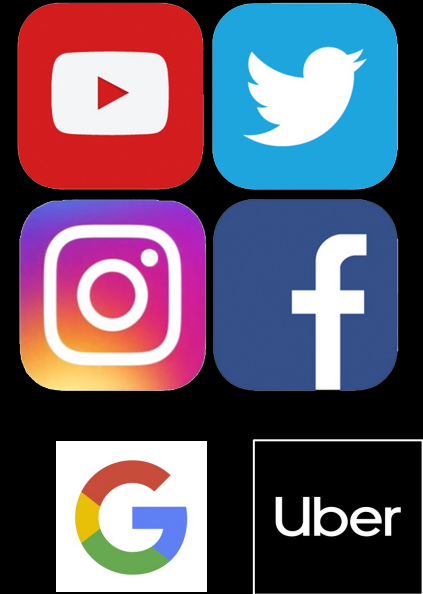
Off



Saves where you go with your devices, even when you aren't using a specific Google service, to give you personalised maps,

Invasion of Privacy

- Data
- Activities
- Actions
- Emotions



Privacy Settings on WhatsApp

Settings

- Avatar >
- Starred Messages >
- Linked Devices >
- Account >
- Privacy** >
- Chats >
- Notifications >
- Payments >
- Storage and Data >

Privacy

- Privacy Checkup**
Control your privacy and choose the right settings for you.
Start checkup
- Last Seen & Online Nobody, Ev... >
- Profile Photo My Contacts >
- About Nobody >
- Groups 1,059 Excluded >
- Status My Contacts >

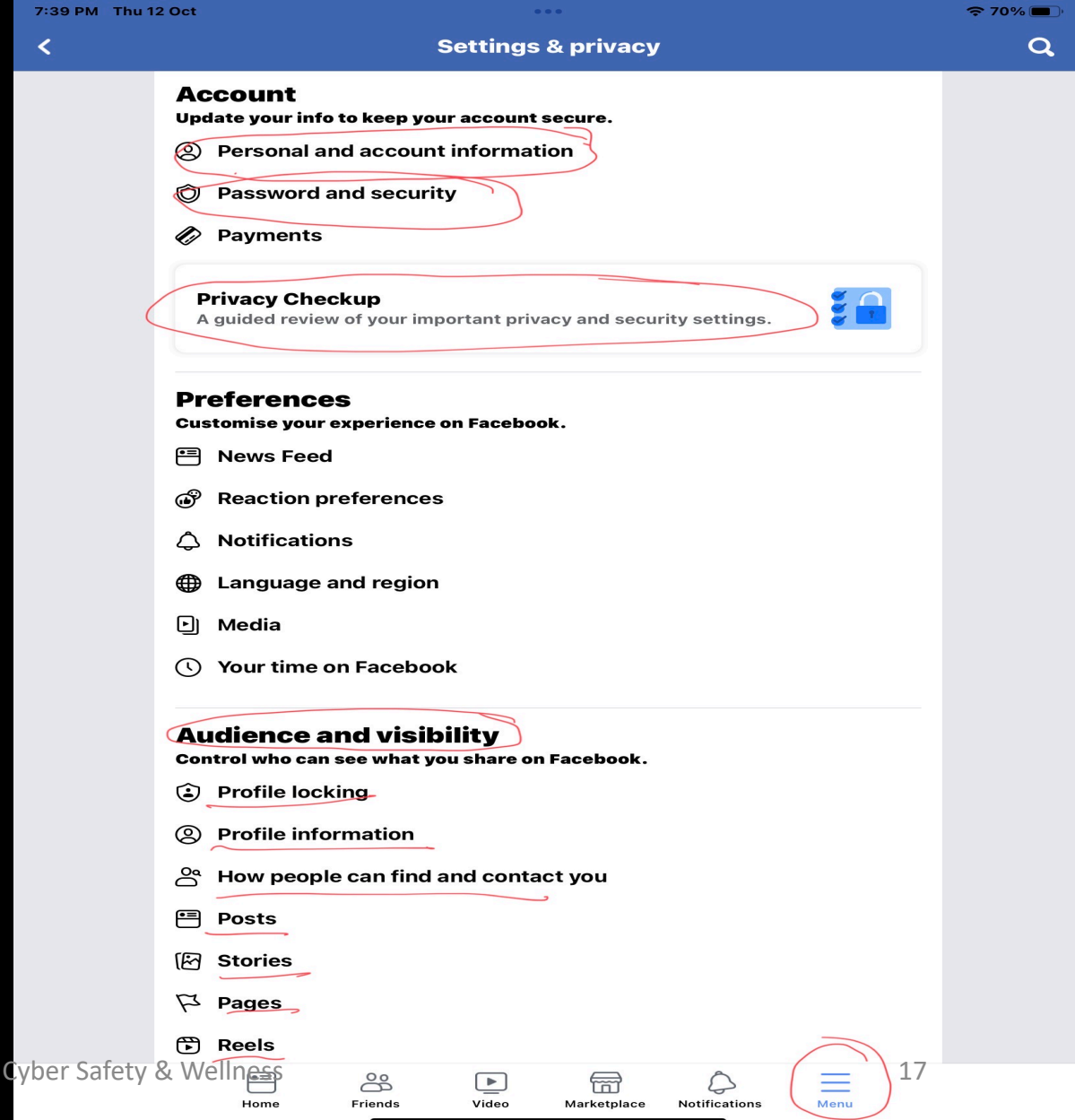
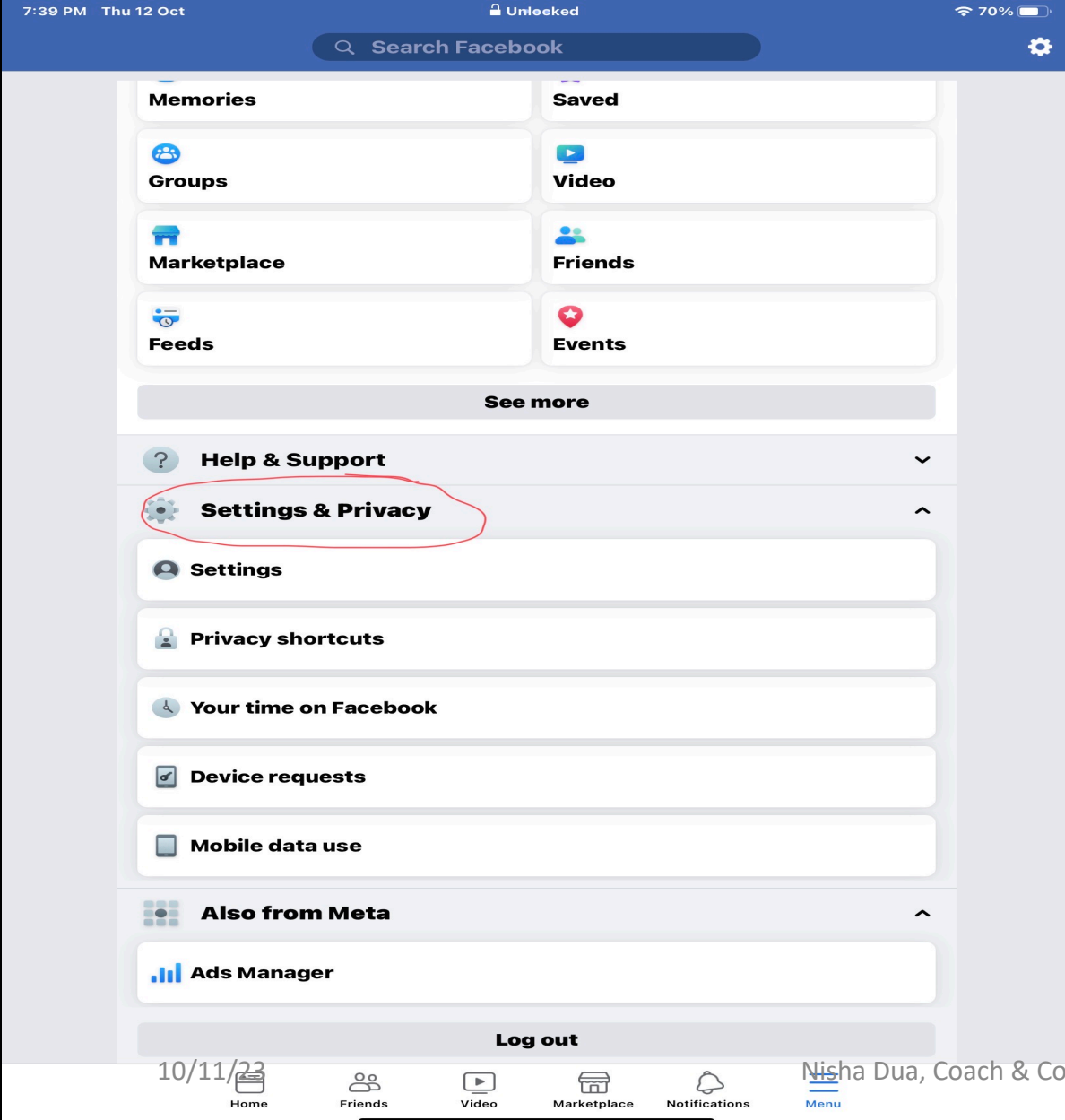
Privacy Checkup Done

Your Privacy Matters

Control your privacy settings and set up WhatsApp just the way you want it.

- Choose Who Can Contact You** >
- Control Your Personal Info** >
- Add More Privacy to Your Chats** >
- Add More Protection to Your Account** > 16

Managing Settings on Facebook



Managing Setting on Google Account

Google Account

Search Google Account



Manage your info, privacy, and security to make Google work better for you. [Learn more](#)

Home

Personal info

Data & privacy

Security

People & sharing

Payments & subscriptions

About

Privacy & personalization

See the data in your Google Account and choose what activity is saved to personalize your Google experience



[Manage your data & privacy](#)

You have security tips

Security tips found in the Security Checkup



[Review security tips](#)

Privacy suggestions available

Take the Privacy Checkup and choose the settings that are right for you



[Review suggestions \(4\)](#)

Financial Frauds

A magnifying glass is positioned over a document. The word 'fraud' is printed in large, bold, black letters and is the central focus of the magnifying glass's lens. The background of the document is slightly blurred, showing other text and a circular stamp or seal.

- OTP Scams
- KYC Scams
- Credit/Debit Card Frauds
- ATM Frauds
- Net Banking Frauds
- Ransomware
- Phishing, Smishing & Vishing Scams
- Deepfake Frauds



PREVENT
PREPARE
PROTECT

BEWARE OF SWINDLERS

HOW TO PROTECT YOURSELF FROM ONLINE FRAUDS

DOs



Always visit the official website of bank/merchant for correct customer care number



Keep your contact details updated with the bank to get transaction alerts



Secure your debit/credit cards and set daily limit for transactions



Use strong passwords; should be different for banking & e-commerce



Report any unauthorised transaction to your bank to prevent further losses

DON'Ts



Enter UPI PIN or scan QR code to receive payments; you'll end up losing money



Save your banking username/password in the web browser or your device



Click any link shared in SMSes/ mails typically threatening to block your bank account



Download third-party apps on assurance that it will help resolve your complaints



Share your ID/login password, OTP, CVV, etc. with anyone claiming to be a bank representative

WHAT TO DO IN CASE YOU HAVE BEEN DUPED



Call bank customer care and ask them

to freeze account, credit/debit cards, net banking mandate, within the first 48 hours of the fraud occurring



Call 1930, the cyber helpline.

Alternatively, file a complaint on cybercrime.gov.in, or visit your nearest cybercrime police branch



Change PINs and passwords to all online accounts



Run phone diagnostics to delete suspect apps or malware

Safe-Guards

- Never click on unknown links- nothing comes free
- Do not download free or pirated software as it may contain malware
- Do not Share OTP or KYC details with anyone
- Recheck the url of the bank website – correct spelling, logo & padlock with https
- Use 2 factor authentication
- Recheck privacy settings on platforms and applications

Safe-Guards contd...

- Verify if someone pretends to be your friend/family and asks for money
- Block unwanted callers
- Mark suspicious emails as spams & don't open them
- Log out of the Net Banking Window
- Use Virtual Keyboard for Logging in the Net Banking
- Do not do financial transaction through public wifi
- Recheck, Verify and then Act

Reporting..

- ❖ Social Reporting
- ❖ Platform Reporting
- ❖ Legal/Formal Reporting

- ❖ File a formal complaint
www.cybercrime.gov.in
- ❖ Call 1930

- ❖ CYBER SAFETY CELLS
- ❖ CHILD LINE Help Line – e Box
- ❖ [CyberPeace Helpline -](http://CyberPeaceHelpline.org)
[9570000066](tel:9570000066)

Do not be the one left behind...

Travel Safely & Smartly on this Information Super-Highway along with your Children

BE THE ROLE MODEL

Safety Highway

THANK YOU

**For assistance, contact us on our WhatsApp helpline
at +91 957 00000 66**

Or via mail at helpline@cyberpeace.net



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[@cyberpeacetv](https://www.youtube.com/cyberpeacetv)

