

PROMOTING CYBER SAFETY IN ONLINE CLASSROOM

Speaker : Chandni Agarwal



DIGITAL WORLD



**NET
BANKING**



**GOOGLE
SEARCH**



**SHOPPING
ONLINE**



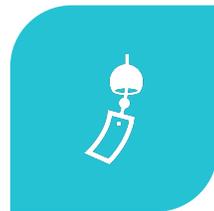
**WATCHING
MOVIES**



**FACEBOO
K**



**INSTAGRA
M**



**WHATSAP
P**



AND NOW ONLINE CLASSROOMS

CLASSROOM EVOLUTION



JAN 2020

DIGITAL AROUND THE WORLD IN 2020

THE ESSENTIAL HEADLINE DATA YOU NEED TO UNDERSTAND MOBILE, INTERNET, AND SOCIAL MEDIA USE

TOTAL POPULATION



7.75 BILLION

URBANISATION: 55%

UNIQUE MOBILE PHONE USERS



5.19 BILLION

PENETRATION: 67%

INTERNET USERS



4.54 BILLION

PENETRATION: 59%

ACTIVE SOCIAL MEDIA USERS



3.80 BILLION

PENETRATION: 49%

SOURCES: POPULATION: UNITED NATIONS; LOCAL GOVERNMENT BODIES; MOBILE: GSMA INTELLIGENCE; INTERNET: ITU; GLOBALWEBINDEX; GSMA INTELLIGENCE; LOCAL TELECOMS REGULATORY AUTHORITIES AND GOVERNMENT BODIES; APIII; KEPIOS ANALYSIS; SOCIAL MEDIA: PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; COMPANY ANNOUNCEMENTS AND EARNINGS REPORTS; CAFEBAZAAR; KEPIOS ANALYSIS. ALL LATEST AVAILABLE DATA IN JANUARY 2020. ♦ COMPARABILITY ADVISORY: SOURCE AND BASE CHANGES.

we are social Hootsuite®

JAN 2021

DIGITAL AROUND THE WORLD

ESSENTIAL HEADLINES FOR MOBILE, INTERNET, AND SOCIAL MEDIA USE

INTERNET USER NUMBERS NO LONGER INCLUDE DATA SOURCED FROM SOCIAL MEDIA PLATFORMS, SO VALUES ARE **NOT COMPARABLE** WITH PREVIOUS REPORTS

TOTAL POPULATION



7.83 BILLION

URBANISATION: 56.4%

UNIQUE MOBILE PHONE USERS



5.22 BILLION

vs. POPULATION: 66.6%

INTERNET USERS*



4.66 BILLION

vs. POPULATION: 59.5%

ACTIVE SOCIAL MEDIA USERS*



4.20 BILLION

vs. POPULATION: 53.6%

SOURCES: THE U.N.; LOCAL GOVERNMENT BODIES; GSMA INTELLIGENCE; ITU; GWI; EUROSTAT; CNNIC; APIII; SOCIAL MEDIA PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; COMPANY EARNINGS REPORTS; MEDIASCOPE. *ADVISORIES: INTERNET USER NUMBERS NO LONGER INCLUDE DATA SOURCED FROM SOCIAL MEDIA PLATFORMS, SO VALUES ARE **NOT COMPARABLE** TO DATA PUBLISHED IN PREVIOUS REPORTS. SOCIAL MEDIA USER NUMBERS MAY NOT REPRESENT UNIQUE INDIVIDUALS. ♦ COMPARABILITY ADVISORY: SOURCE AND BASE CHANGES.

we are social Hootsuite®

APR
2021

SOCIAL MEDIA USE AROUND THE WORLD

USE OF SOCIAL NETWORKS AND MESSENGER SERVICES, WITH DETAIL FOR MOBILE SOCIAL MEDIA USE

⚠️ SOCIAL MEDIA USER NUMBERS MAY NOT REPRESENT UNIQUE INDIVIDUALS

TOTAL NUMBER OF
ACTIVE SOCIAL
MEDIA USERS*



we
are
social

4.33
BILLION

SOCIAL MEDIA USERS AS
A PERCENTAGE OF THE
GLOBAL POPULATION



KEPIOS

55.1%

ANNUAL CHANGE IN
THE NUMBER OF GLOBAL
SOCIAL MEDIA USERS



GW

+13.7%
+521 MILLION

PERCENTAGE OF SOCIAL
MEDIA USERS ACCESSING
VIA MOBILE PHONES



GW

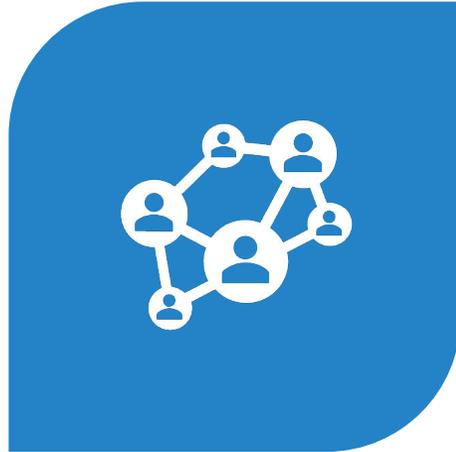
99.0%

AVERAGE AMOUNT
OF TIME PER DAY SPENT
USING SOCIAL MEDIA



2H 22M

IS THERE ANYTHING TO WORRY ABOUT?



**WE ALL HAVE
DIGITAL
IDENTITY.**



**OUR EACH AND EVERY STEP
IN DIGITAL WORLD IS OUR
DIGITAL FOOTPRINT AND IT
HAS A LONGER REACH THAN
OUR EXPECTATION**

PROBABLE RISKS



**Cyber
Bullying**



**Cyber
Stalking**



**Cyber
Predati
on**



**Cyber
Terroris
m**



Trolling



PROBABLE RISKS



**Data
Safety**



**Identity
Theft**



**Password
Security**



**Cyber
Pornograp
hy**



**Fake
Identities**



PROBABLE RISKS



Email
spamming



Phishing



Data
stealing



Misuse of
Credential
s



Malware





Digital Millennials

BENEFITS OF SOCIAL MEDIA

- Develop better social skills
- Feel less isolated
- Learn about new cultural and societal ideas and issues
- Bond with their friends
- Have fun
- Be creative and share their own ideas with friends
- Be better equipped to be active citizens in society
- Develop real world skills to help them become more independent
- Learn about world events and current affairs outside of their immediate environment

RISKS OF SOCIAL MEDIA

- **Spending too much time online and being disconnected from the real world**
- **Being the victim of online bullying**
- **Damaging your online reputation**
- **Having your personal information shared online**
- **Being harassed or annoyed by someone you do not want attention from**
- **Being the victim of an online scam**
- **Having reduced self-esteem (for some teenagers).**

VARIOUS FORMS OF CYBERBULLYING

- Making fun of another user in internet chat rooms.
- Harassing a user over instant messaging sessions.
- Posting derogatory messages on a user's social networking pages.
- Circulating rumours about another on social networking sites.
- Publishing lewd comments about another person on personal blogs.
- Posting unflattering pictures of another user on the web.
- Sending unsolicited and unwanted email messages (also known as spamming).
- Sending threatening or provocative emails.
- Repeatedly calling another person's cell phone.



Cyber Bullying



How to deal with cases?

A girl of class 9th was abused and threatened by a relative. She was tortured and sometimes even drugged. The relative used to send her abusive messages and threaten her that he will tell her parents that she has a boyfriend. She was scared to confide in her parents because of the fear that her parents would not believe her.

Lesson: Keeping silent is not a solution to such a problem. Never be scared of telling your parents the truth. Make sure to complain about such problems to the police and seek help from authorities whenever needed. There are people willing to listen to you and help in addressing your problems.



cases?



A 7th standard girl was blackmailed by an adult who kept on asking the girl for her nude pictures. She explicitly refused every time he asked and blocked the person. The blackmailer hacked one of her social media accounts and took her photos and just to take revenge he morphed her photos and posted them online. The girl was embarrassed, agitated and even thought of committing suicide.

Lesson: Be strong and face the situation wisely. Do not be afraid of such offenders. Report such crimes on the social media platforms, cybercrime branches, authorities who work for child development, child helpline. Do not think of yourself as a victim.



How to deal with Cyber Bullying?

- Only add people online when you know them offline
- Do not share your personal information on social media or other online platforms.
- Do not install unwanted software and apps like dating App, online games, etc. from unknown sources.
- If you feel upset after reading a post from a friend or a stranger, do not react with an aggressive reply. Resist the urge to retaliate or respond immediately.
- Block and report using the site's reporting function as soon as possible .



How to stop CYBERBULLYING

1

LOG OFF

the site where bullying is happening

2

BLOCK EMAILS OR MESSAGES.

Dont respond to them.

3

SAVE THE MESSAGE OR EMAIL

and show it to an adult.

4

TELL SOMEONE

you trust



STOP THE HATE

Always respect each other online,
even when you disagree with them.

#EndCyberBullying

*Are you being
bullied, harassed or stalked online?*

Reach out

To your parents, friends , school counselor or a trusted adult.

**THE MINUTE YOU START TALKING ABOUT IT,
IT BECOMES EASIER.**

Digital Etiquettes

Social Media Etiquette



Remember to be respectful.

In case you find yourself in a heated exchange with other users, always remember to be respectful. Make sure your statements are based on hard facts. Also, avoid attacking the person personally and never resort to threats as this can be lawfully punished.

Golden rules



• Be positive in your online behaviour

• Treat others online the way you wish to be treated

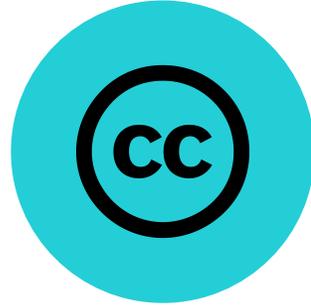
• Learn to say and accept "No"

• Do not post anything that you would not like to last forever

Source : CBSE Manual



**CHECK WEBSITE
AUTHENTICITY WITH
PADLOCK**

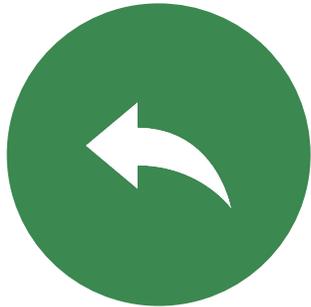


**DOWNLOADING
IMAGES FROM
GOOGLE**

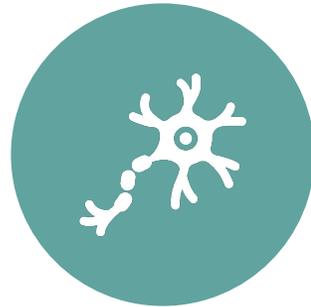


**ACKNOWLEDGI
NG THE
SOURCE**

SAFE SEARCH



**REVERSE
IMAGE SEARCH**



**USE INCOGNITO
MODE**



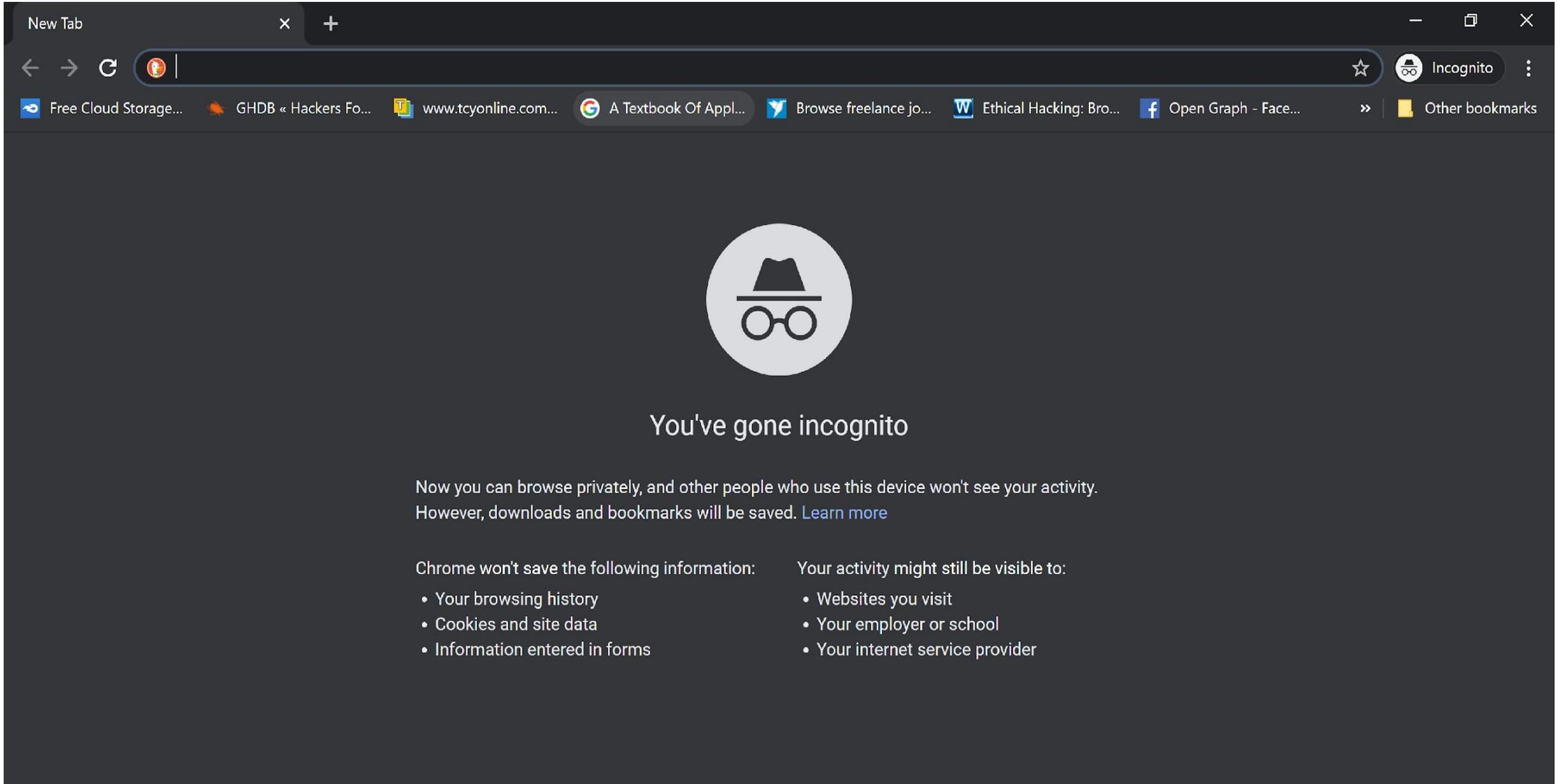
**USE SAFE
SEARCH ENGINES**

Then how to search
safely



SEARCH ENGINES ARE
THE GATEWAY TO CYBER
THREATS

INCOGNITO MODE



New Tab

Free Cloud Storage... GHDB « Hackers Fo... www.tcyonline.com... A Textbook Of Appl... Browse freelance jo... Ethical Hacking: Bro... Open Graph - Face... Other bookmarks

Incognito



You've gone incognito

Now you can browse privately, and other people who use this device won't see your activity. However, downloads and bookmarks will be saved. [Learn more](#)

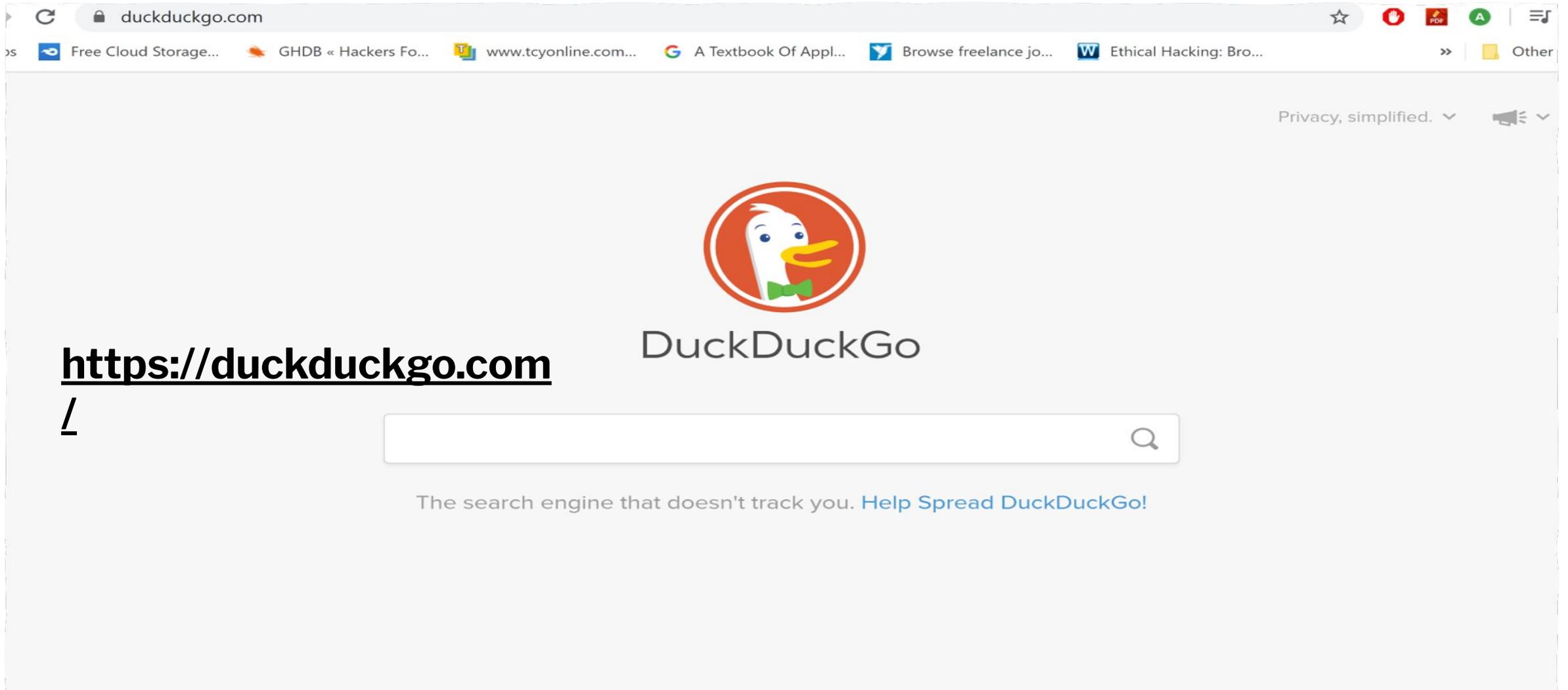
Chrome won't save the following information:

- Your browsing history
- Cookies and site data
- Information entered in forms

Your activity might still be visible to:

- Websites you visit
- Your employer or school
- Your internet service provider

DUCKDUCKGO – SEARCH ANONYMOUSLY



The image shows a screenshot of a web browser displaying the DuckDuckGo homepage. The browser's address bar shows the URL <https://duckduckgo.com>. The page features the DuckDuckGo logo, which is a white duck head with a yellow beak and a green bow tie, set against a red circular background. Below the logo, the text "DuckDuckGo" is displayed. A large, empty search bar is centered on the page, with a magnifying glass icon on the right side. Below the search bar, the text "The search engine that doesn't track you. [Help Spread DuckDuckGo!](#)" is visible. The browser's tab bar shows several open tabs, including "Free Cloud Storage...", "GHDB « Hackers Fo...", "www.tcyonline.com...", "A Textbook Of Appl...", "Browse freelance jo...", and "Ethical Hacking: Bro...". The browser's interface also includes a star icon for bookmarks, a red icon for a PDF document, a green icon for a document, and a speaker icon for volume control.

<https://duckduckgo.com>

DuckDuckGo

The search engine that doesn't track you. [Help Spread DuckDuckGo!](#)

PEEKIER – THE MOST PRIVACY ORIENTED SEARCH ENGINE



<https://peekier.com/>



| A new way to search the web



The most privacy-oriented search engine. [Learn more.](#)

EMAIL IS YOUR DIGITAL ADDRESS AND
PASSWORD IS KEY TO MANY LOCKS



PASSCODE	HACKED BY COMPUTER	HACKED BY HAND
Four characters <i>numbers</i>	7 minutes <i>a likely scenario for the San Bernardino gunman's iPhone</i>	208 days <i>with the forced delay for wrong guesses now used by Apple</i>
Four characters <i>alphanumeric (letters + numbers)</i>	19 hours*	29 days**
Four characters <i>alphanumeric + case-sensitive</i>	7 days	8 months
Six characters <i>numbers</i>	11 hours	17 days
Six characters <i>alphanumeric</i>	103 years	33 months
Six characters <i>alphanumeric + case-sensitive</i>	72 years	2,700 years

* Average time a computer would need to unlock a weakened iPhone (80 milliseconds per attempt, no forced delays)
** Average time a hacker would need to unlock a weakened iPhone by hand (three seconds per guess, no forced delays)

<https://fortune.com/2016/03/18/apple-fbi-iphone-passcode-hack/>

PASSWORD – PASSPHRASES

- Passphrase - **“The road to success is always under construction!”** – Password can be **Trt\$iauc!**
- Passphrases are easier to remember.
- Passwords are relatively easy to guess or crack
- Passphrases are next to impossible to crack
- Ensure that the phrase you will be choosing not a common or popular quote or song that can be easily guessed by someone who knows you.
- **REMEMBER – PASSWORD IS THE KEY TO YOUR DIGITAL DOOR. BE CAREFUL!! HACKER MAY BE YOUR KNOWN !!**

SAFE SURFING PRACTICES

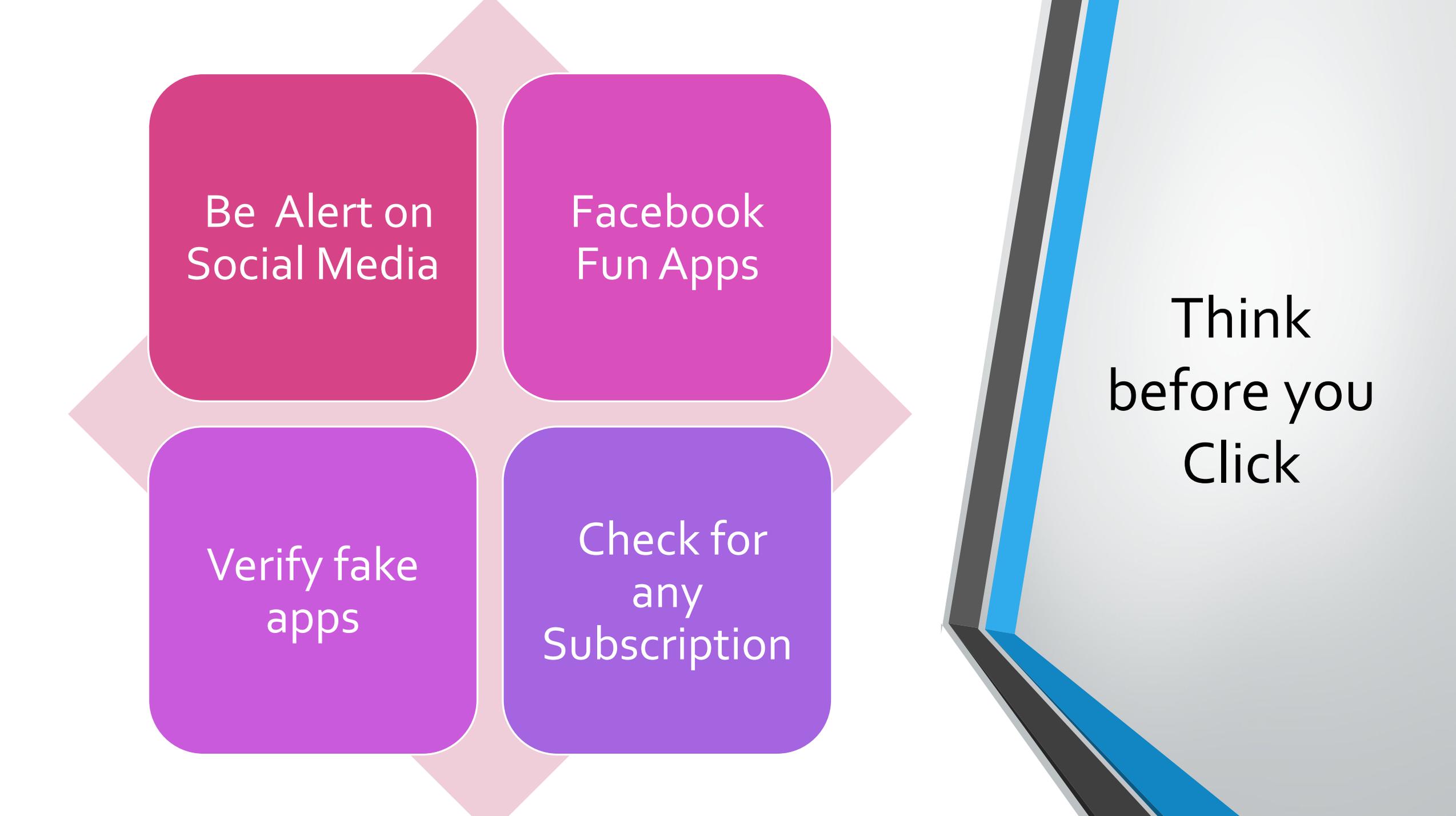
- Do not fall for lucrative offers/discounts as they might be coming from unknown source and it may not be reliable. Ignore/delete those mails
- Do not reply to emails from unknown sender even if it looks like a genuine email
- Do not provide personal information like name, date of birth, school name, address, parent's names or any other information
- Do not open attachments or click on links from unknown senders, since they may contain malicious files that might affect your device. Only click the links and downloads from websites that you trust
- Beware of phishing websites - check the URL to confirm if the website is secure. Check for **Cyrillic characters** in website address, these are available now.
- Do not forward spam or suspicious emails to others .

a	<i>father</i>
b	<i>baby</i>
v	<i>vivid</i>

TIPS TO USE FREE TOOLS / SOFTWARE

- Don't download the stuff which asks for Payment details.
- Check for the website authenticity.
- Don't register with the same ID you are using for Online transactions or associated with your phone.
- Create another ID to use such kind of apps.
- Some apps require organisational IDs which we don't use for any kind of payment .
- Check for Malware while downloading software.





Be Alert on
Social Media

Facebook
Fun Apps

Verify fake
apps

Check for
any
Subscription

Think
before you
Click



FAKE NEWS

No! This order is not issued by NIC

NIC राष्ट्रीय सूचना विज्ञान केंद्र
National Informatics Centre

NO.2(01)/2020-Pers.III
Government of India
National Informatics Centre
National Informatics Centre A-Block, Lodhi Rd, CGO Complex Delhi-110 003

OFFICE MEMORANDUM

Subject: Prohibition of Chinese Applications from Google Play store and App Store under C-Accordance D-98 letter 339 on absorption basis by Meity –reg

It is hereby directed to the Regional Executive and representatives of Google India Pvt Ltd. (Miss Neha Agarwal) and Apple India Pvt.Ltd.(Mr. Anuj Kr Reddy) that as per the instructions of Ministry of Electronics and Information Technology Letter-1919/3903/A Dated -17.06.2020, Under the Information technology Act 2000 Vol.2 Para – I and III the Government of India Instructs you to restrict the functioning of Chinese Applications from the respective stores with immediate effect. The names listed here below as these apps are alleged to hold the privacy of the user at risk and compromising the sovereignty of the Country.

- LiveMe
- Bigo Live
- Vigo Video
- BeautyPlus
- CamScanner
- Clash of Kings
- Mobile Legends
- Tik Tok
- ClubFactory
- Shein
- Romwe
- AppLock
- Club Factory
- VMate
- Game of Sultans

FAKE

Shri Anand Sagar Negi
Principal Secretary

Copy to
Moity

#PIBFactCheck

To check if any Central Govt. related Policy/Schemes is a Fact or not.

Contact Us @PIBFactCheck 8799711259 /PIBFactCheck pibfactcheck@gmail.com

FAKE

Ministry of Tourism
Government of India

tourism gov... the i... name that all tourism... department of India.

Hotels, restaurants, resorts all over... remain closed till 15-october 2020 due to coronavirus... spread all over the world.

... city came from Indian tourism department.

And most important north Indian hotels, resort, restaurants will closed till the date.

FAKE NEWS IDENTIFICATION CHECKLIST

**CHECK
PUBLISHER'S
AUTHENTICITY**

**CHECK THE NEWS
PUBLICITY
STANDARD**

**VERIFY
DOMAIN/NUMBER/
EMAIL/SENDER
PROFILE**

**INTENTIONS
AFTER THE NEWS**

**WHO IS AUTHOR OF
NEWS OR WHO
FORWARDED YOU**

**NOTICE THE
SPELLING /
CHARACTERS**

**CHECK CURRENT
OR OLD**

**CHECK
RESOLUTION OF
MULTIMEDIA**

**CLICKBAIT TRICK –
CHECK ANY LINK
ATTRACTING TO
LARGE VISITORS**

Cyber Hygiene Tips

SELF ISOLATE YOUR DATA

MONITOR YOUR ACCOUNTS AND PASSWORDS

PRACTICE SOCIAL DISTANCING FROM UNKNOWN SENDERS

USE PROTECTIVE EQUIPMENTS SUCH AS ANTIVIRUS

AVOID CONTACT WITH SUSPICIOUS MAIL OR MESSAGES

CLEAN YOUR COMPUTER AND MOBILE DEVICES

HOW TO REPORT CYBER CRIME



Childline 1098

Ncpccr

<http://www.ncpcr.gov> or

<http://www.ncpcr.gov.in/index2.php>. It will navigate to a page with the window having a short animation film.

National Commission for Protection of Child Rights
Government of India

Home Page

Are you bothering anyone, tell who and how?
Tell us how you are being harrassed?

Choose Picture / Select Picture (s)

Sport / shop / street Playground / Shop / Road	School / Tuition School / Tuition	भारत के लोग को डकैत डकैत के लोग को Blackmail
School Bus / Van etc. In School Bus / Van / etc	Family Member / Relative / Other Family Member / Relative / Others	भारत के लोग को इंटरनेट इंटरनेट के लोग को Internet / Phone

2 - नाम / Enter your name. If you have mobile number Or

3 - मोबाइल / Phone number if you do not have an e-mail ID , you can contact on these only numbers: - 1800115455
(Toll free), 9869235077, 1098 (Childline)

* OR / AND OR / AND

4 - ई-मेल / Your email

5 - घटना का संक्षिप्त विवरण दर्ज करें / Enter brief description of incident



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

<https://cybercrime.gov.in>

National Cyber Crime Reporting Portal



HOME

REPORT WOMEN/CHILD RELATED CRIME ▾

REPORT OTHER CYBER CRIME

RESOURCES ▾

CONTACT US

HELPLINE



I dream of a Digital India where
cyber security becomes an integral
part of our National Security.

— Narendra Modi —

Filing a Complaint on National Cyber Crime Reporting Portal

Chandni Agarwal

Cyber Safety and Security

Guideline for School

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT



Be safe in cyber world ...

Be Safe in Cyber World

DO's
&
DON'Ts

for Students

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT



CYBER Safety

HANDBOOK FOR STUDENTS OF SECONDARY & SENIOR SECONDARY SCHOOLS



Cyber Peace
Foundation

Cyber Security Guide – Android App



Cyber Security Guide

Chandni Agarwal Education

Everyone

★★★★★ 31

This app is compatible with your device.

Add to Wishlist

Install

NEVER LOCKDOWN YOUR LEARNING - NATIONAL ICT AWARDEE

DIGITAL SAFETY – EMPOWERING ONLINE TEACHING

Join us on **YOUTUBE LIVE @**
Live Session link: www.bit.ly/webinarict
 on 9th JUNE 2020 TUESDAY, 11:00 a.m. to 12:00 p.m.

Chief Guest
 Dr. Pioush Antony
 Social Policy Specialist
 UNICEF, UP

Resource Person
 Ms. Chandni Agarwal
 Cyber Security Awareness Coach
 Maharaja Agrasen Model School
 National ICT Awardee, CBSE - Delhi

Follow us on twitter: [@NationalICTWEBINAR](https://twitter.com/NationalICTWEBINAR)

Follow us on Facebook: <https://www.facebook.com/groups/253485575971081/>

Select

हिंदी

ગુજરાત

Click back button select

Disclaimer: This app is to provide information about cyber security and we are not responsible for any further communication between expert and the end user

Cyber Complaint

Prior to filing a complaint with this portal, you should agree to the Terms and Conditions. Should you have queries prior to filing your complaint, view Frequently Asked Questions FAQ.

Next step is to choose between Report Cyber Crime Related to Women/Child and Report Other Cyber Crime. Choose appropriately

Report Anonymously

Complete & Submit Details

Category of complaint

Appropriate date & time of incident/occurrence/entry of content. Reason for filing in reporting.

State, City, District, Police Station

Please provide any additional information about the incident.

HELPLINE@CYBERPEACE.NET	9570000066
ANDAMAN & NICOBAR	03192230216
ANDHRA PRADESH	08632340152
ARUNACHAL PRADESH	03602215518
ASSAM	03612524494
BIHAR	06122238098
CHANDIGARH	01722760001
CHHATTISGARH	07712511623
DADRA & NAGAR HAVELI	02602643022

Home

SECURITY CHECK

LEARN ABOUT CYBER CRIME

CYBER COMPLAINT

PREVENTIVE TIPS

HELPLINE NUMBERS

VIDEOS AND WEBINARS

Chandni Agarwal

THANK YOU

