



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS



SAFEGUARDING YOUR FINANCIAL ACCOUNTS & CYBERDOST

DR. DEEPAK KUMAR

I4C MHA

FINANCIAL CHANNELS



Mule Accounts



Payment
Aggregators /
Gateways



Virtual Account



Cryptocurrencies



E-Commerce Sites



ATMs, Micro ATMs

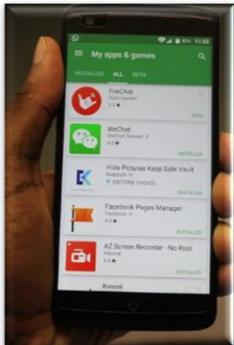
IMPACT ON NATIONAL SECURITY



Based on findings of State LEAs, money is routed out of India via **Crypto Currency** and citizens are duped in masses pan India.



Shell companies potentially involved in **Tax Evasion, Money Laundering** and possibly **Terrorist Financing**.

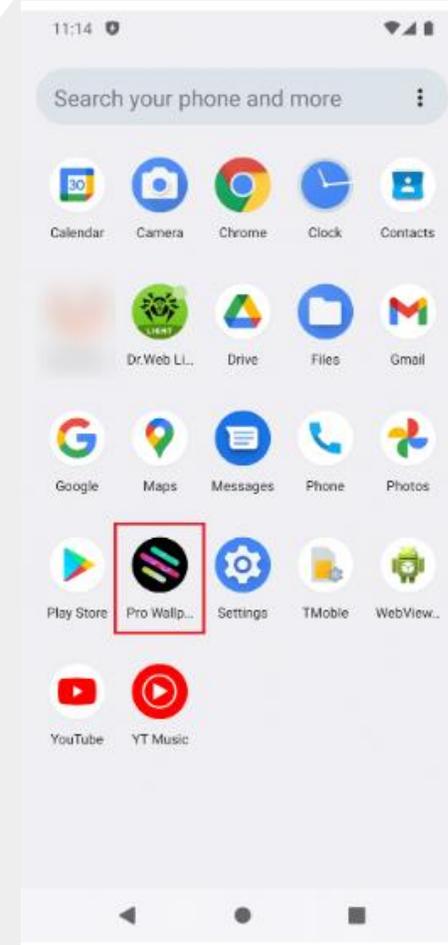


Numerous chats traced to **Foreign Entities**



Misuse of Banking, Telecom infrastructure and exploiting loopholes of weak/no regulations.

SHIFTED FROM VISHING TO MOBILE APP



MOBILE PHONE ADDICTION 3.0



CASE 1



Cai78 de
Sponsored · 

Work From Home Jobs

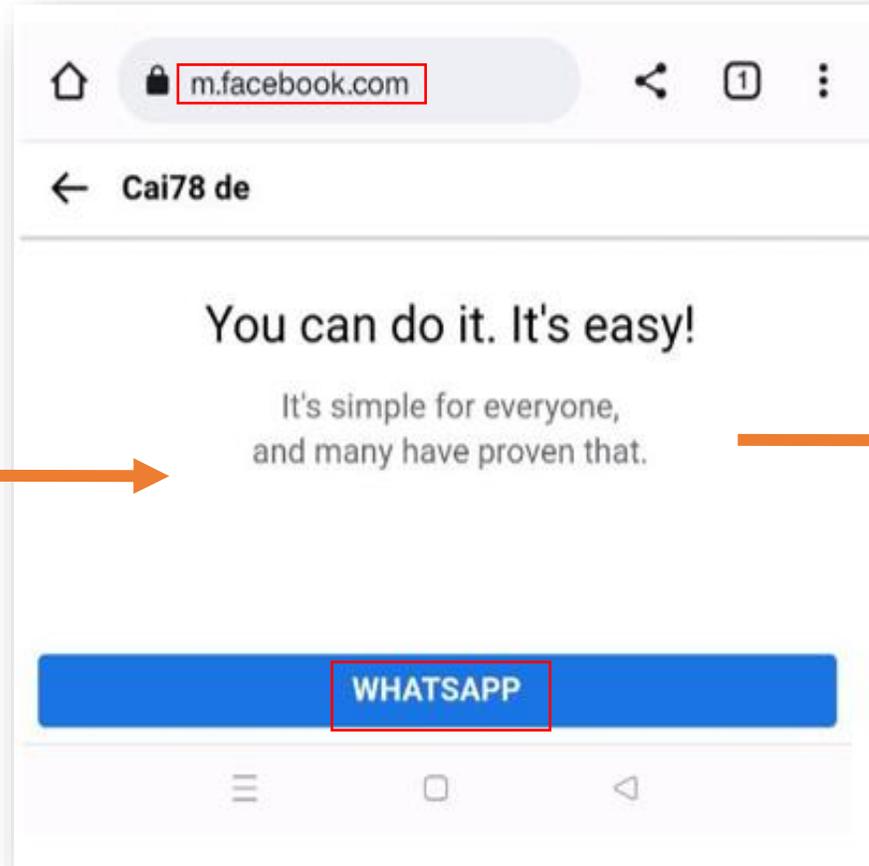
Working hours:
Part-time, with flexible working hours according to personal circumstances.

INCOME :
₹2800to ₹20000 based on ur hardwork.
Same day settlement

EDUCATION :
no limit



FORM ON FACEBOOK APPLY NOW



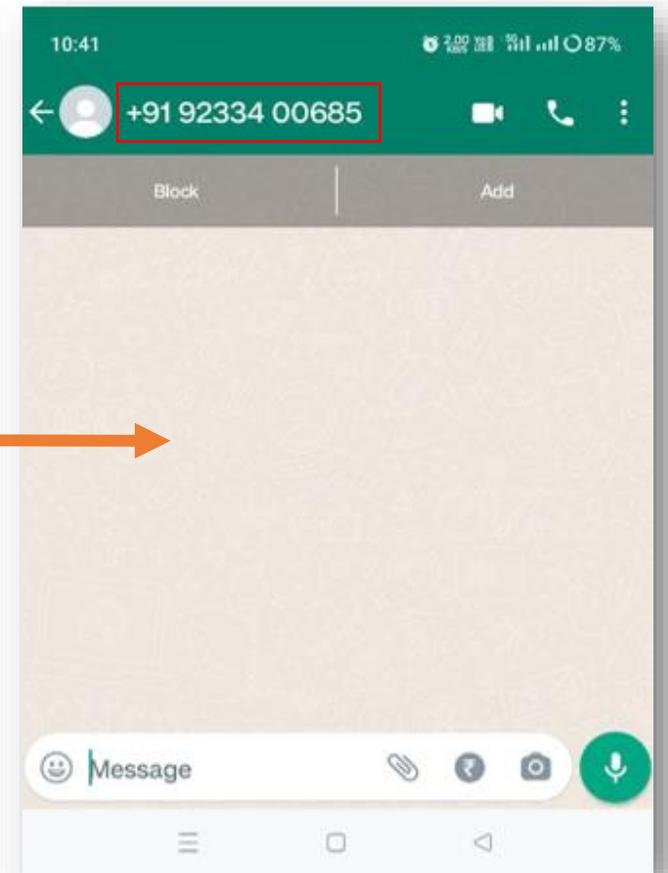
  m.facebook.com   

← Cai78 de

You can do it. It's easy!

It's simple for everyone,
and many have proven that.

[WHATSAPP](#)



10:41    87%

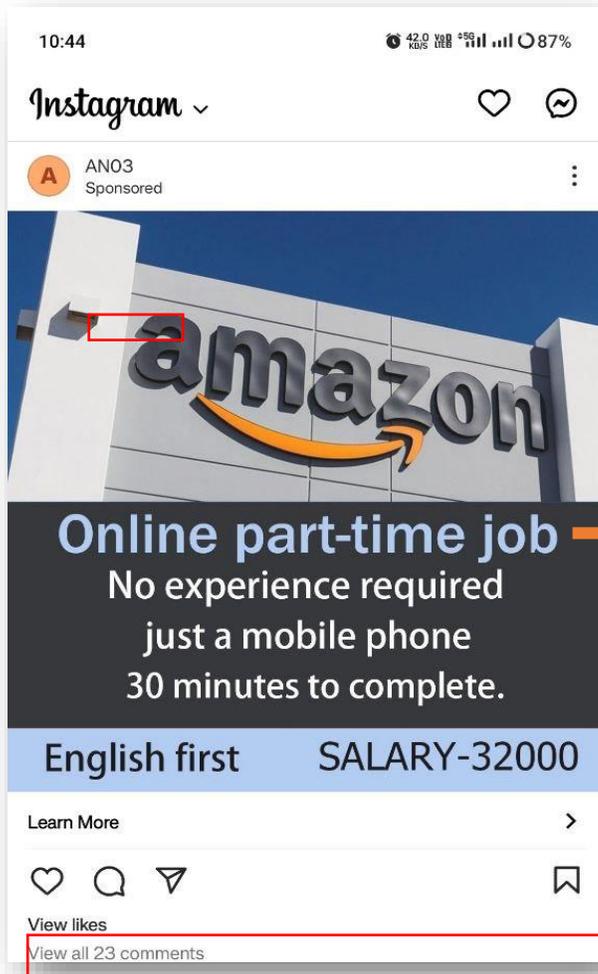
←  [+91 92334 00685](#)   

Block | Add

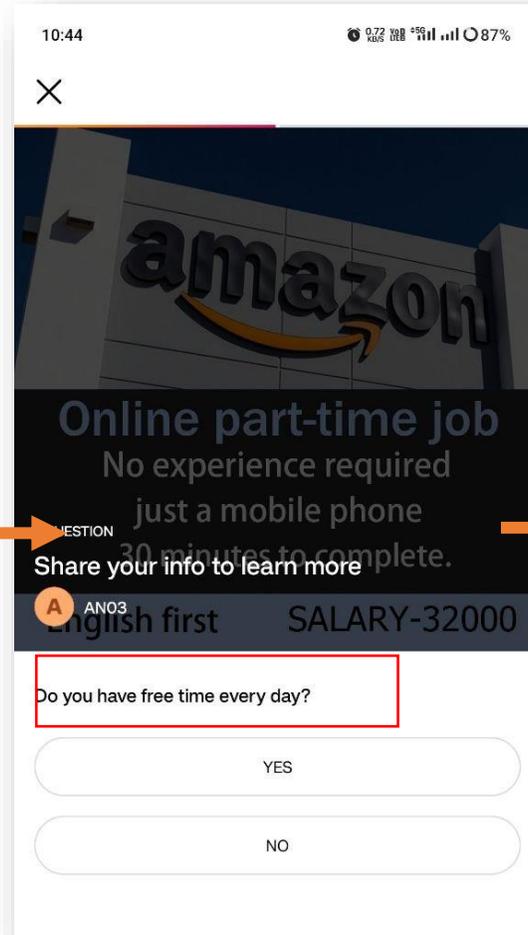
Message    



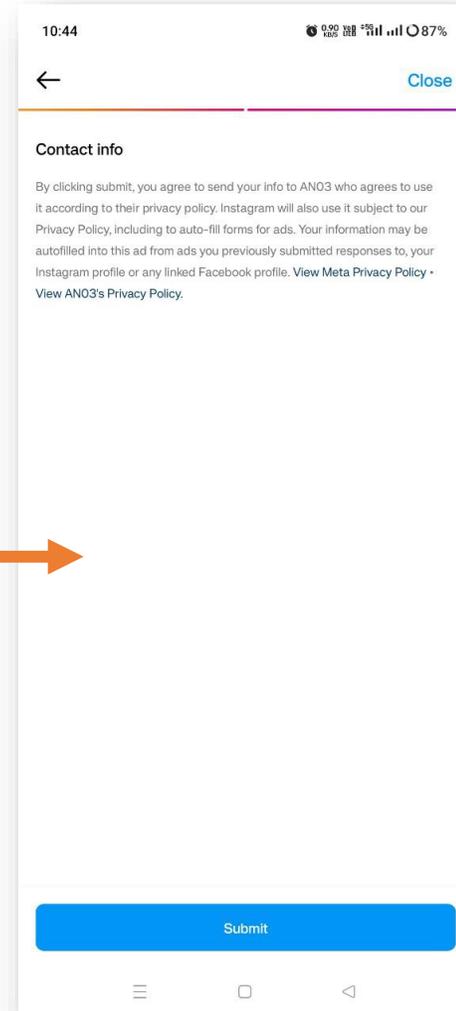
CASE 2



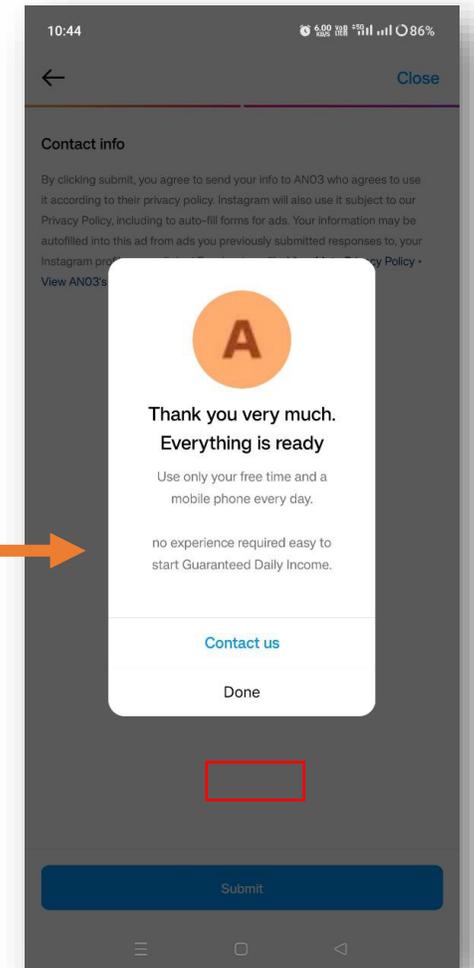
Step - 1



Step - 2

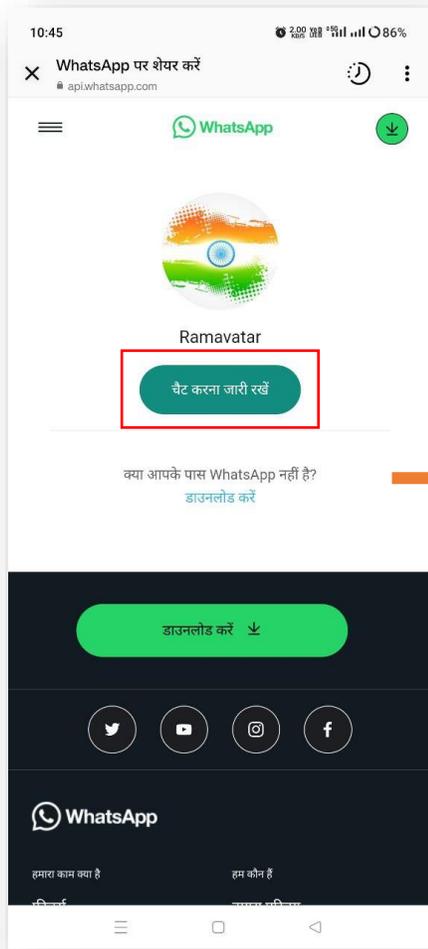


Step - 3

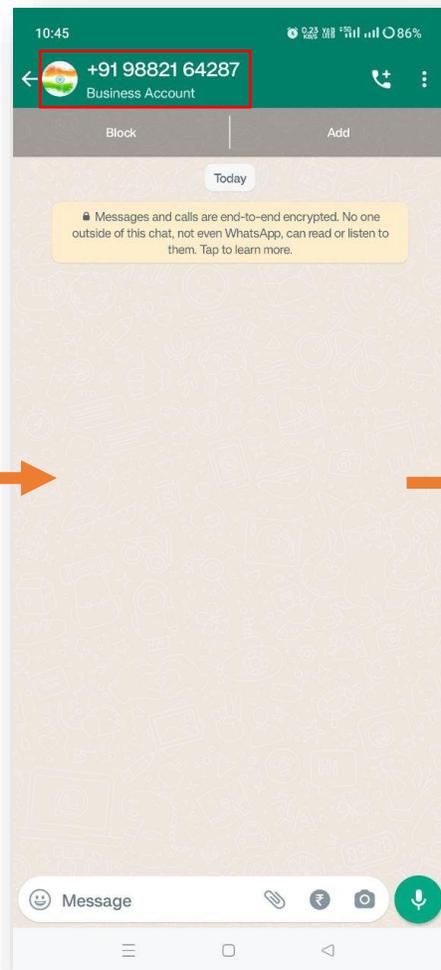


Step - 4

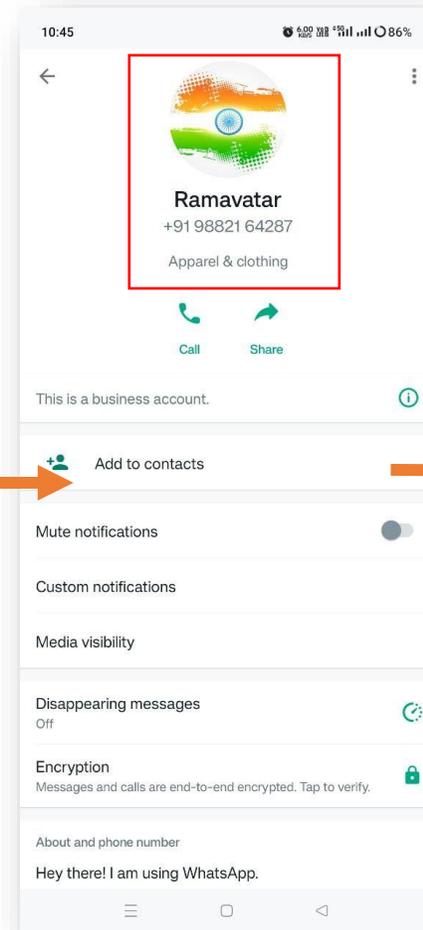




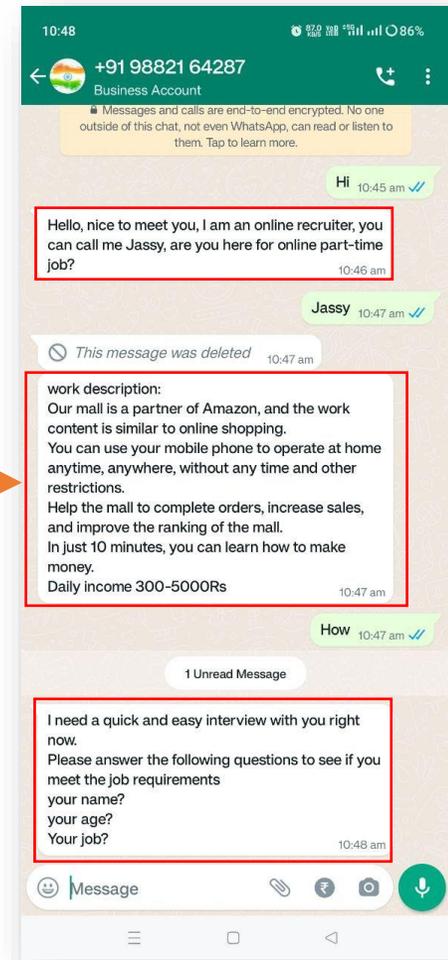
Step - 5



Step - 6



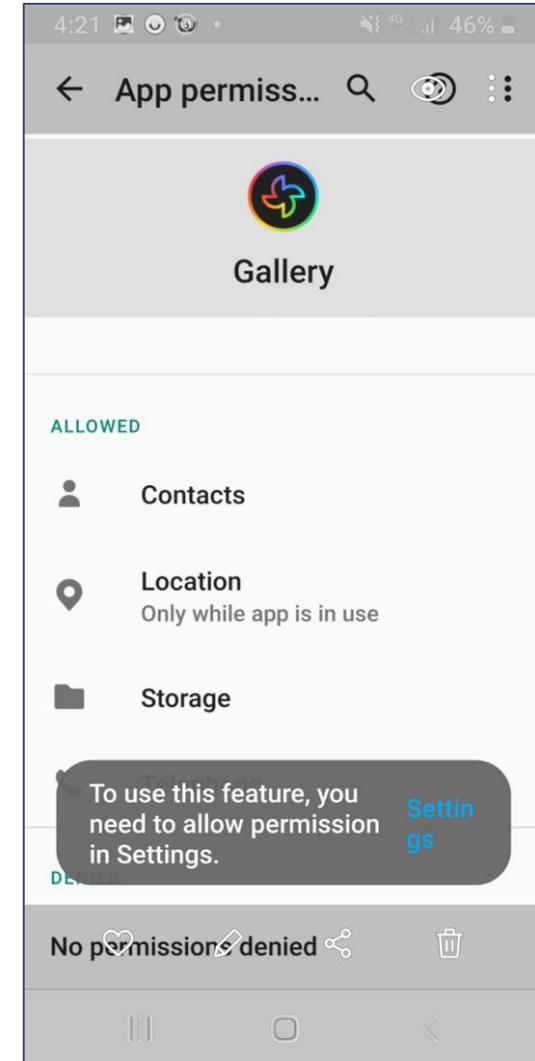
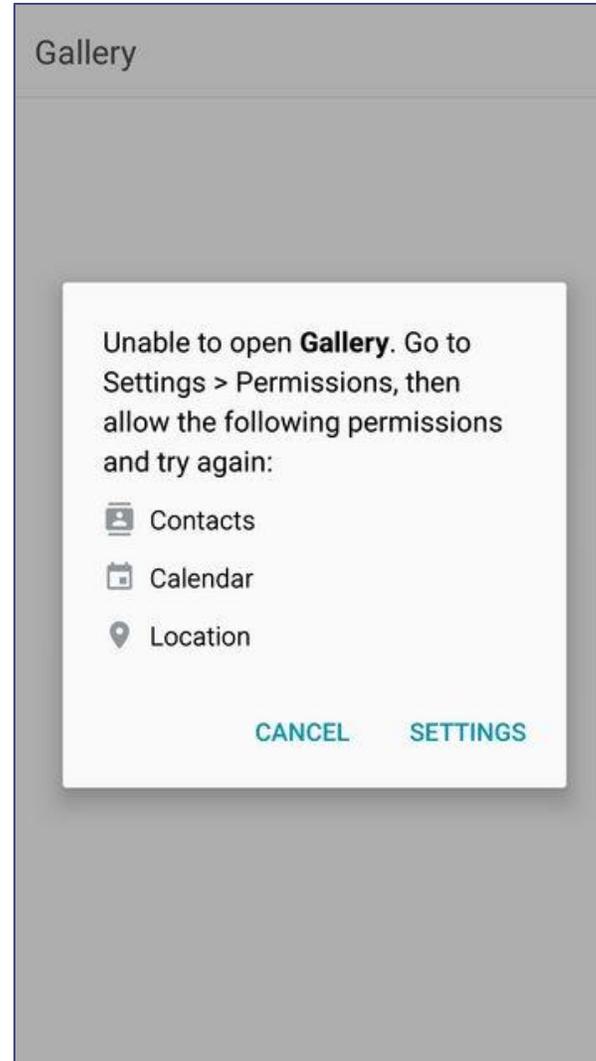
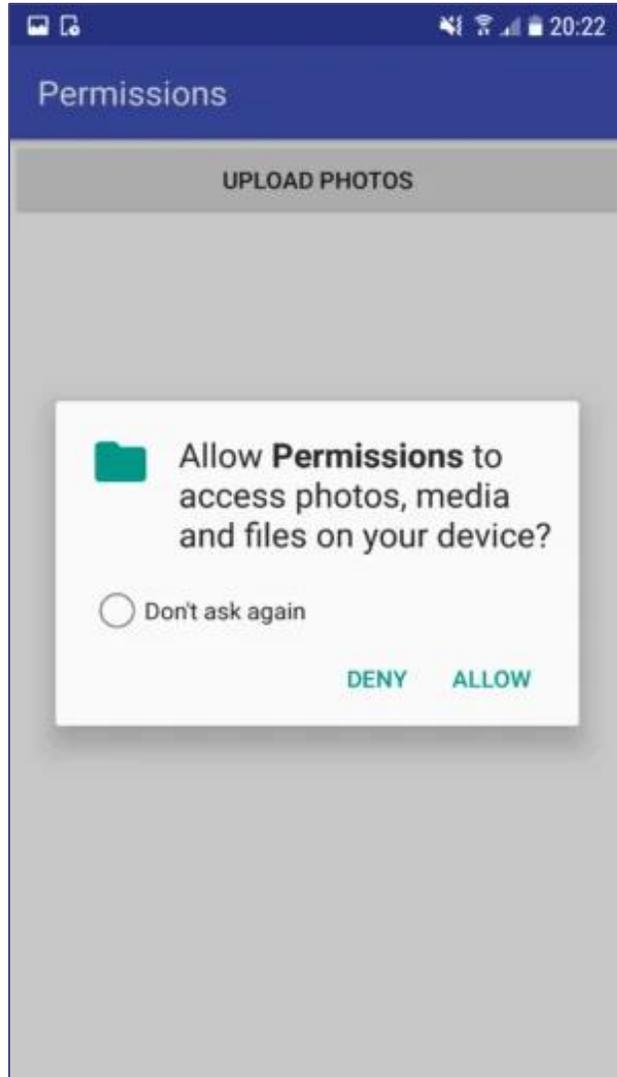
Step - 7



Step - 8



MAIN REASON OF SUCCESSION OF CRIME



CASE 3 : FAKE SMS

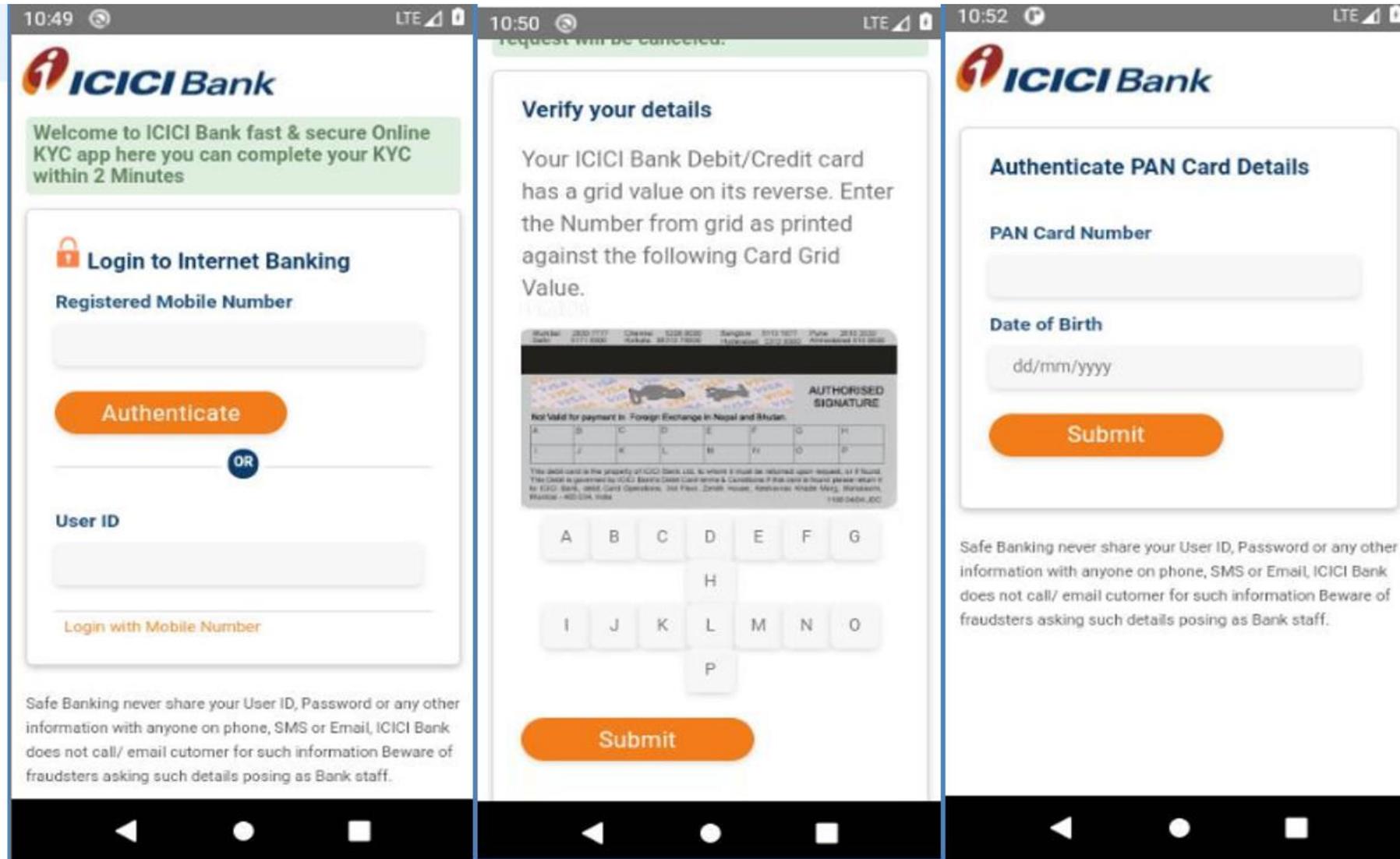
SMS Phishing link URL redirected to **Malicious APK**

The image shows a text message from a contact with the number +91 89875 41203. The message reads: "Dear Customer, your ICICI BANK Account will be blocked today please update your PAN CARD immediately Click here <https://tinyurl.com/ICICItteam1>".

To the right, a "Wheregoes.com Redirect Checker" tool shows the following redirect path:

#	Code	Requested URL
1	301	https://tinyurl.com/ICICItteam1 ▪ Redirects: 1
2	200	https://icku-fx.web.app/icici-abx4.apk Trace Complete

Red arrows indicate the flow from the link in the message to the first redirect step, and from the first step to the final destination (the malicious APK).



The application is asking for the user's sensitive information like login credentials, credit/debit card grid value (printed on the card), PAN number, Date of Birth, etc.

Malicious Payload hosted on 'web.app' : <https://icku-fx.web.app/icici-abx4.apk>

Names ⓘ

icici-abx4.apk

MD5 c2be5de66405d65b3fd23caec90b92cd

SHA-1 f631b05fe231f58ea8054d23c4023e9c48409616

summary

Android Type	APK
Package Name	com.ikycappi.cxzx4
Main Activity	com.ikycapp.android.MainActivity
Internal Version	1
Displayed Version	1.0
Minimum SDK Version	22
Target SDK Version	32

Certificate Attributes

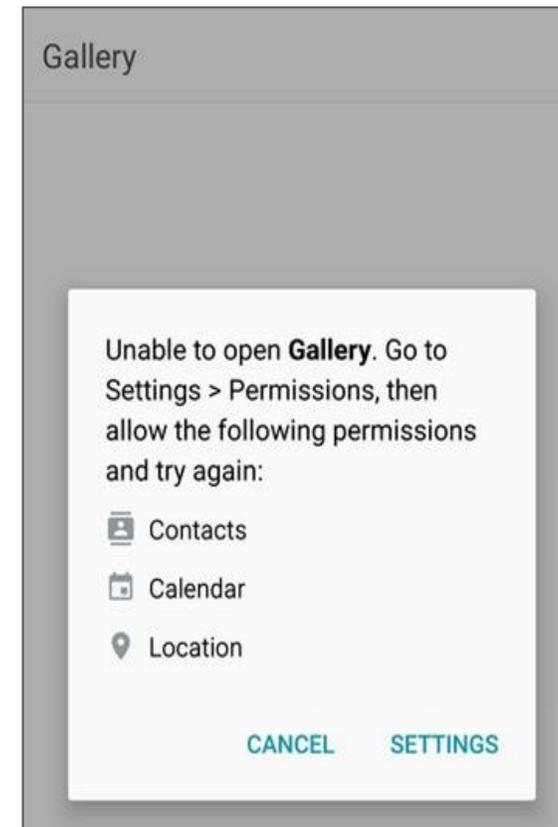
Valid From	2008-04-15 22:40:50
Valid To	2035-09-01 22:40:50
Serial Number	b3998086d056cffa
Thumbprint	27196e386b875e76adf700e7ea84e4c6eee33dfa

Certificate Subject

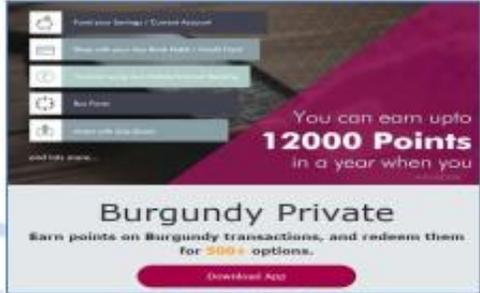
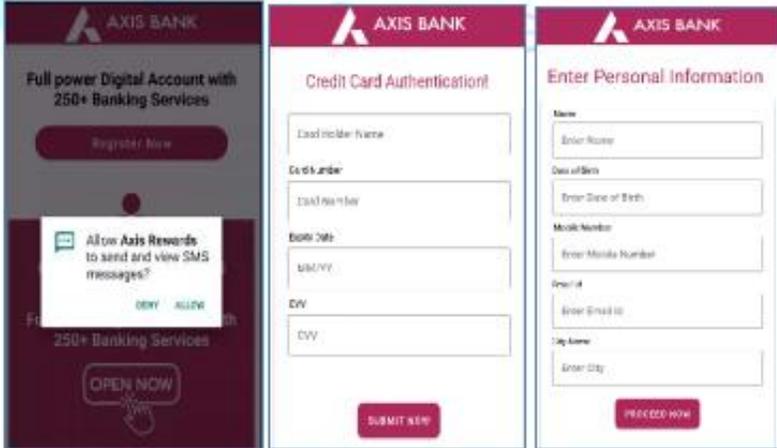
Distinguished Name	C:US, CN:Android, L:Mountain View, O:Android, ST:California, OU:Android, email:android@android.com
Email	android@android.com
Common Name	Android
Organization	Android
Organizational Unit	Android
Country Code	US
State	California
Locality	Mountain View

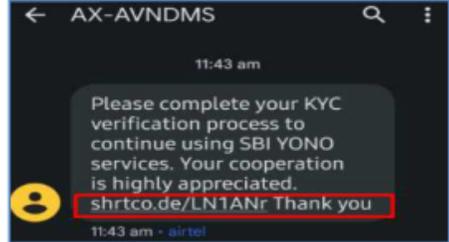
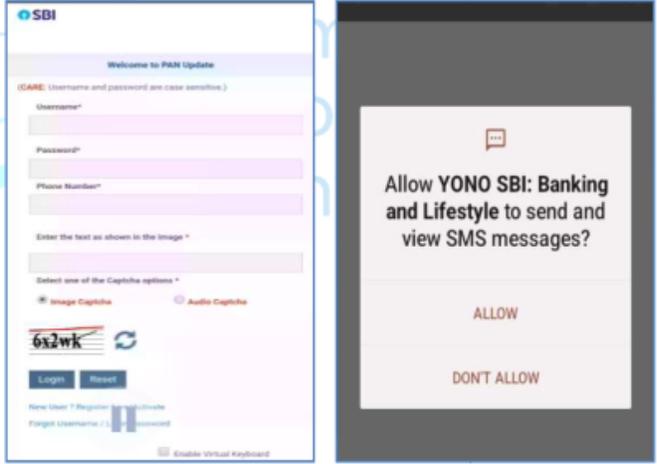
Permissions

- ⚠ android.permission.RECEIVE_SMS
- ⚠ android.permission.READ_SMS



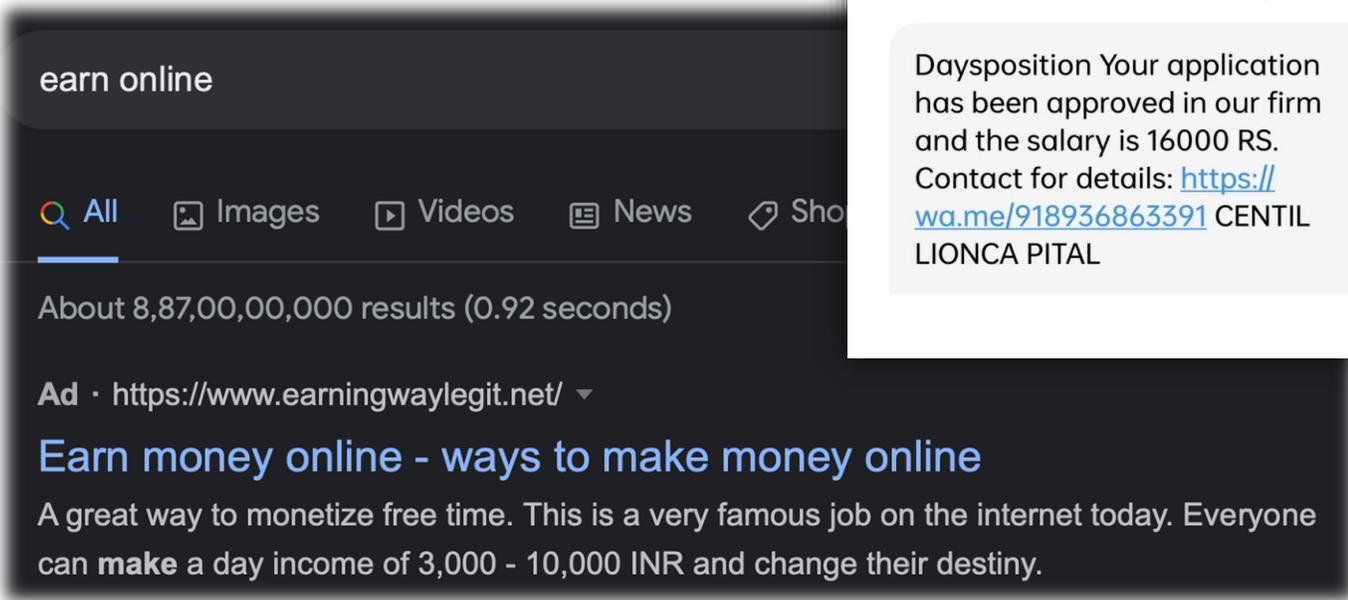
CASE 4: BANKING APPS (APK File)

Malware 1	
Name of File	axis-reward-offer.apk
Package Name	com.play.googleprotect
SHA-256	46f1f9d7f9165602b07fff951fc2eb684df56422fd1936624240e8965ca41d8e
Virus Total Link	https://www.virustotal.com/gui/file/46f1f9d7f9165602b07fff951fc2eb684df56422fd1936624240e8965ca41d8e/details
Source of Malware	
Website	https://www.axis.installapp.in Name: Rudra Infosys Mobile No.: 9599382609 Email ID: rudrainfosys0@gmail.com
Screenshot of Malware	

Name of File	apupdate3.74.01.apk
Package Name	hello.uwer.hello.hello.google.is.the.best
Sha256	dc1e397a0a57ad7deadbaccef227e827037b240124f815494c205429687f618e
VirusTotal Link	https://www.virustotal.com/gui/file/dc1e397a0a57ad7deadbaccef227e827037b240124f815494c205429687f618e
Source of Malware	
Website	https://shrtco.de/LN1ANr Redirect URL: https://appok1.web.app/apupdate3.74.01.apk
Screenshot of Malware	
Malware Type	- OTP Spy Malware

Case 5 : Online Part Time Job

- Fake “Part Time Job” and “Online Earning Apps” created to defraud citizens.
- Sent over SMS and Advertisement.



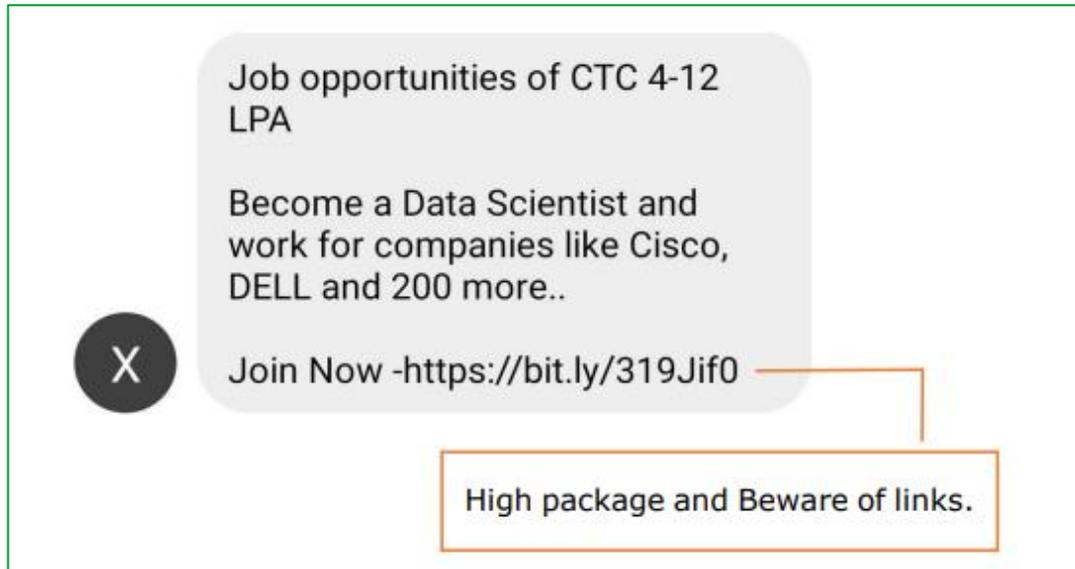
The image shows a search engine interface with the query "earn online". The search results show approximately 8.87 billion results in 0.92 seconds. An advertisement is displayed for "https://www.earningwaylegit.net/". The ad text reads: "Earn money online - ways to make money online. A great way to monetize free time. This is a very famous job on the internet today. Everyone can make a day income of 3,000 - 10,000 INR and change their destiny."

Overlaid on the search results is a screenshot of an SMS message from "BP-cencap". The message text is: "Daysposition Your application has been approved in our firm and the salary is 16000 RS. Contact for details: <https://wa.me/918936863391> CENTIL LIONCA PITAL".

Caution:

- » Be vigilant of investment / jobs providing extra **high commission**.
- » Do not install unknown earnings apps that asks you to put money to earn online.

JOB FRAUD MODUS OPERANDI (Cont..)



Job opportunities of CTC 4-12 LPA

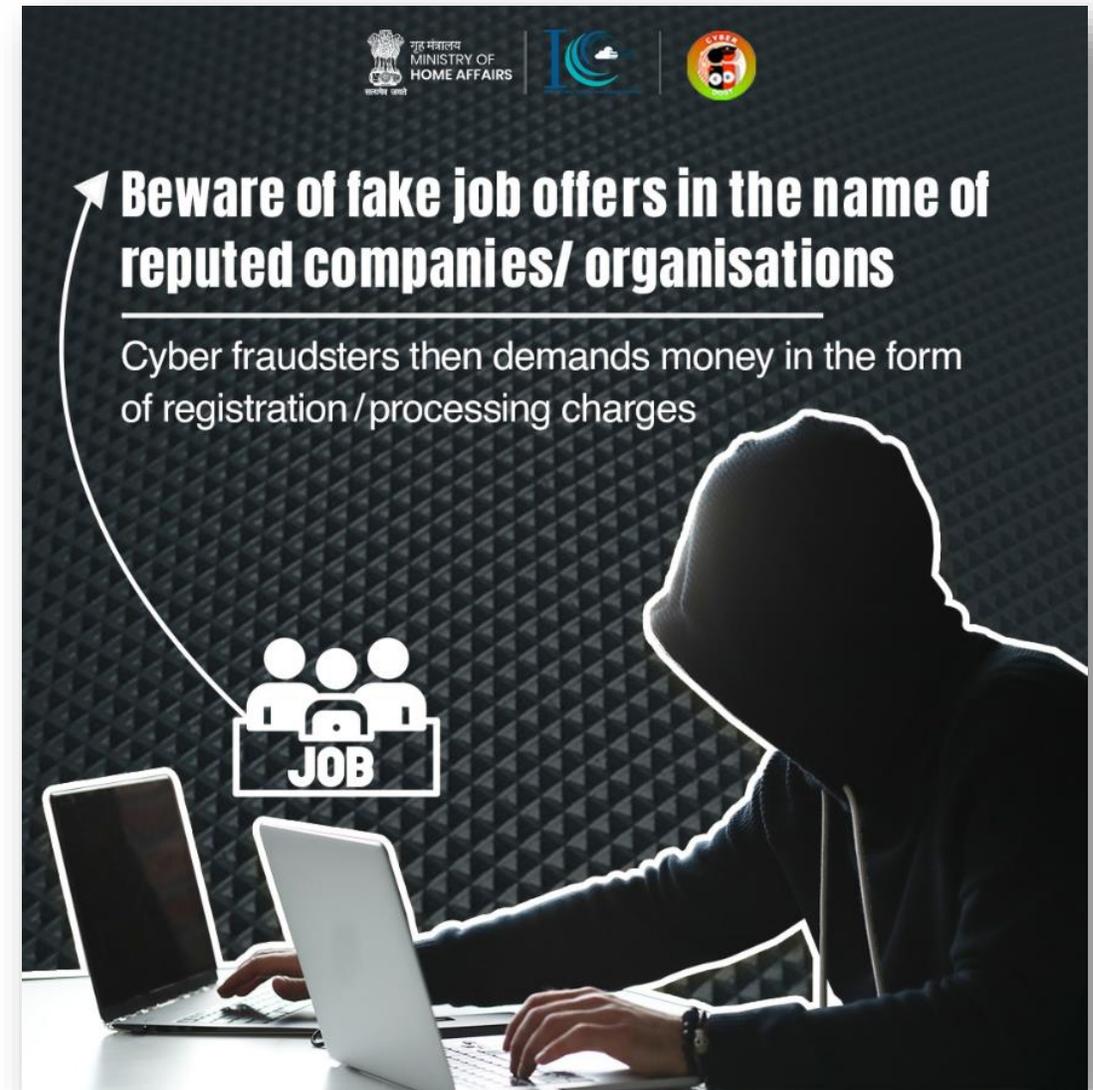
Become a Data Scientist and work for companies like Cisco, DELL and 200 more..

Join Now -<https://bit.ly/319Jif0>

High package and Beware of links.

The image shows a screenshot of a job offer message. The message is in a light gray bubble with a white 'X' icon on the left. The text inside the bubble reads: 'Job opportunities of CTC 4-12 LPA', 'Become a Data Scientist and work for companies like Cisco, DELL and 200 more..', and 'Join Now -https://bit.ly/319Jif0'. Below the bubble, there is a white box with an orange border containing the text 'High package and Beware of links.' A line connects the link in the message to this warning box.

- Ask for fill the online form
- Ask for Install an mobile application
- Ask for remote assistance support
- Ask for personal details information



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

IC

CYBER

Beware of fake job offers in the name of reputed companies/ organisations

Cyber fraudsters then demands money in the form of registration /processing charges

JOB

The image is a warning poster. At the top, it features the logos of the Ministry of Home Affairs, IC, and CYBER. The main text reads: 'Beware of fake job offers in the name of reputed companies/ organisations' and 'Cyber fraudsters then demands money in the form of registration /processing charges'. Below the text, there is an illustration of a person in a hoodie sitting at a desk with two laptops. A white box with the word 'JOB' and three person icons is positioned above the laptops. A white arrow points from the 'JOB' box to the main text.

CASE 6 : ONLINE INVESTMENT SCAM

- Online trading scams involve fraudulent activity aimed at deceiving individuals into investing their money and ultimately stealing it.
- Scammers make false promises of high returns, use unsolicited contact, create urgency to invest quickly, and may ask for personal information.



Caution:

- » Do your research: Choose reputable and regulated online trading platforms. Verify their registration with relevant financial authorities like the SEBI or RBI.
- » Beware of unsolicited offers: Scammers often use high-pressure tactics and promises of guaranteed returns to lure you in. Avoid investing based on unsolicited calls, emails, or social media messages.

CASE 7 : ADVERTISEMENT AS A SERVICE FRAUDS

ऑनलाइन लॉटरी फ़ाड

जालसाज फर्जी संदेश/ईमेल भेजते हैं जिसमें दावा किया जाता है कि पीड़ित ने बड़ी रकम की लॉटरी जीती है। पीड़ित के आश्चस्त होने के बाद, जालसाज लॉटरी को प्रोसैस करने के लिए पैसे मांगता है।



Misuse of well-known native platform to buy and sell goods and services.

Fake Advertisements offer services

Click-Hijacking
Fake App Installation
Botnet Add Fraud
Hidden Ads

UPI medium use for transaction helps fraudsters in making quick cash

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MINISTRY OF HOME AFFAIRS

IC

CYBER

फर्जी विज्ञापन

साइबर अपराधी, नागरिकों को ठगने के लिए ऑनलाइन विज्ञापन प्लेटफॉर्म और सोशल मीडिया का उपयोग, ऑनलाइन शॉपिंग, पार्ट टाइम जॉब, कस्टमर केयर नंबर आदि के बारे में नकली विज्ञापन दिखाने के लिए करते हैं

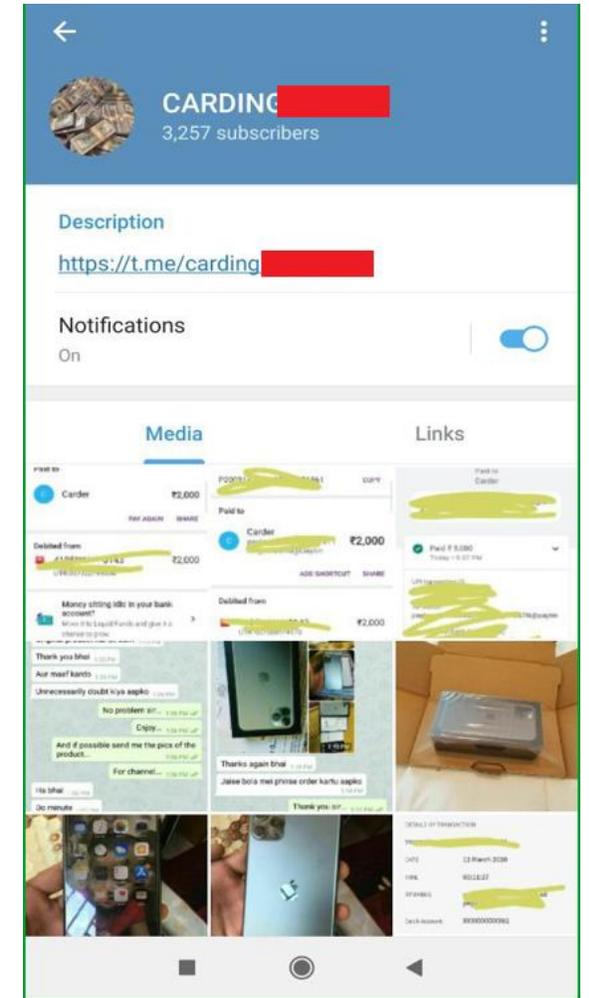
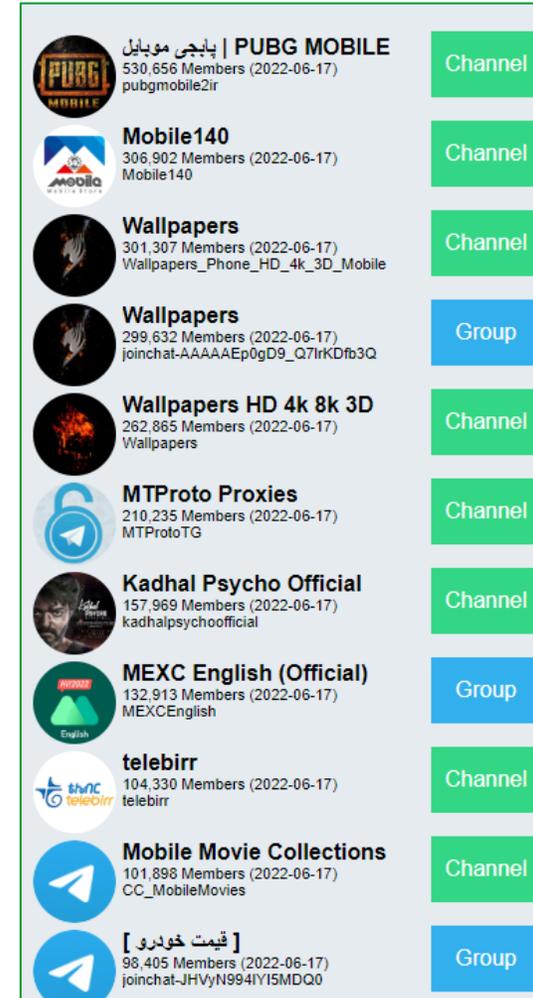
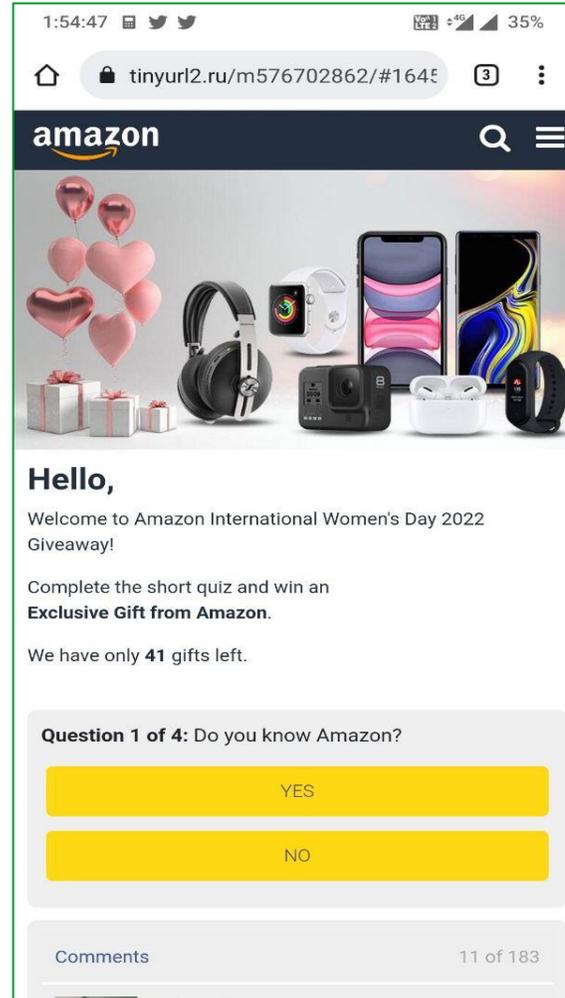
सुरक्षा टिप्स

सामान्य खोज परिणामों (सर्च रिजल्ट्स) और 'विज्ञापन' परिणामों (Ad रिजल्ट्स) के बीच अंतर को समझें	वित्तीय लेनदेन में शामिल होने से पहले वेबसाइट की प्रतिष्ठा/वैधानिकता सत्यापित करें	हमेशा आधिकारिक ऐप्स/वेबसाइटों की जानकारी पर भरोसा करें
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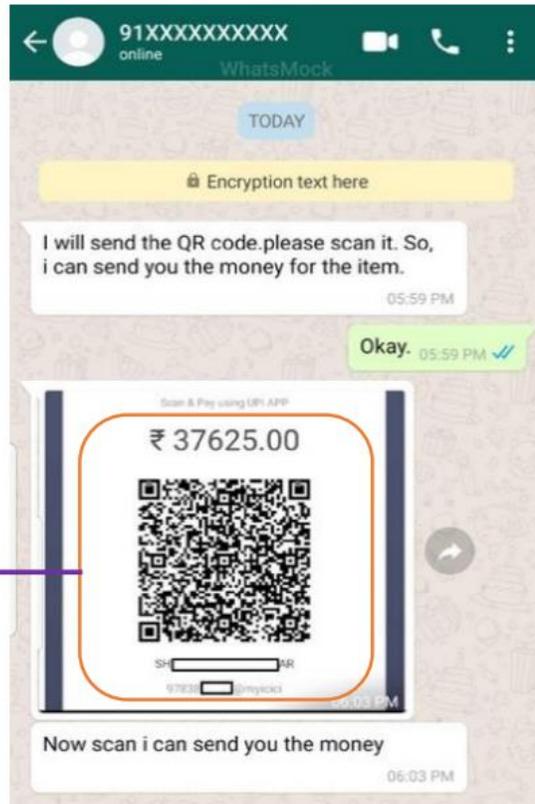
FINANCIAL FRAUDS BY MISUSING PLATFORM



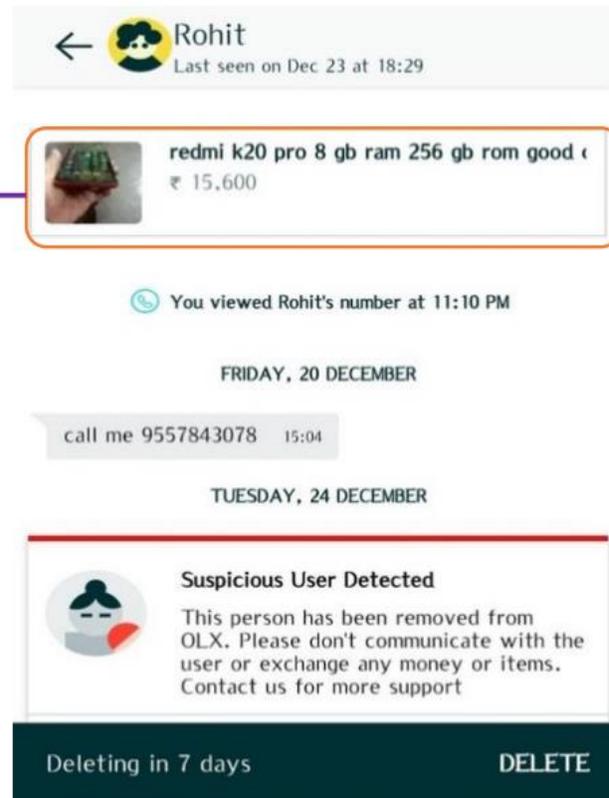
Fraud group targeting electricity consumers via fake messages



SOME EXAMPLES



QR Code



Fake Post



QR कोड घोटाले से सावधान

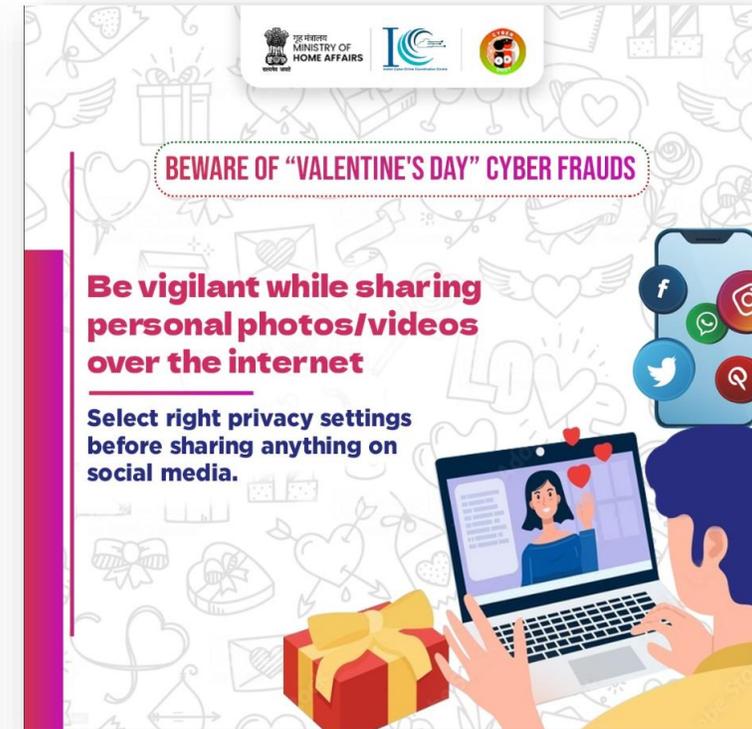
भुगतान प्राप्त करने के लिए किसी भी QR कोड को स्कैन न करें



Be aware of links!

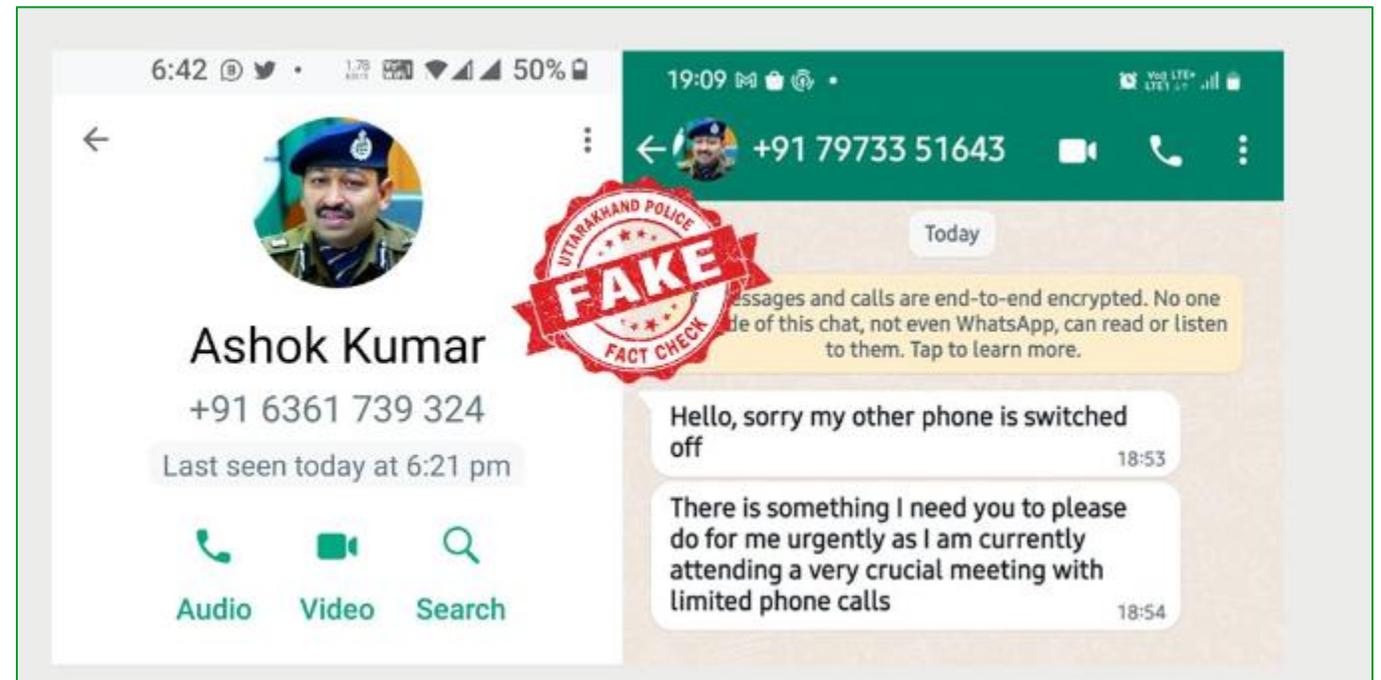
CASE 8 : CYBER EXTORTION

- Cyberstalkers usually use digital platforms like email, instant messages, phone calls, and different communication modes
- Sextortion through social media, hacked webcams and account hacking
- Most of the attack medium, through social media, Internet Messenger, Dating Apps, Gaming Application, Cheat Code, Offers, etc.
- Blackmailing through personal data, privacy breach

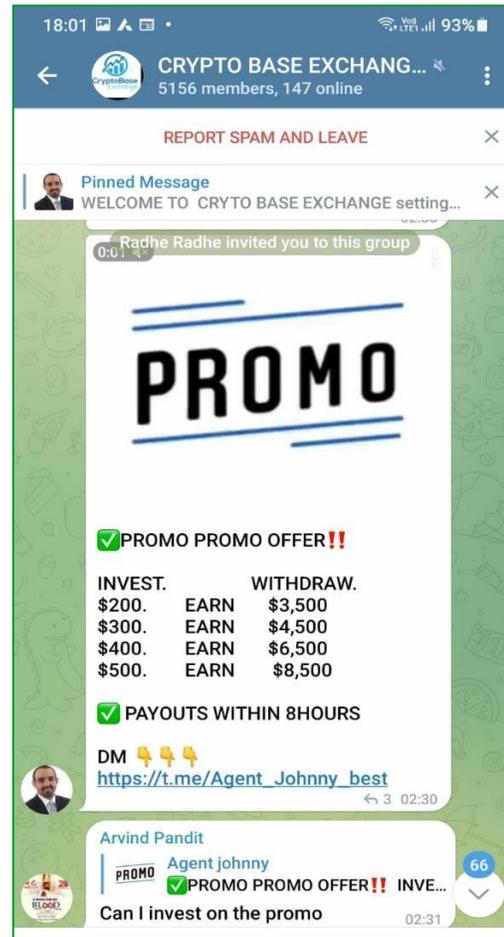
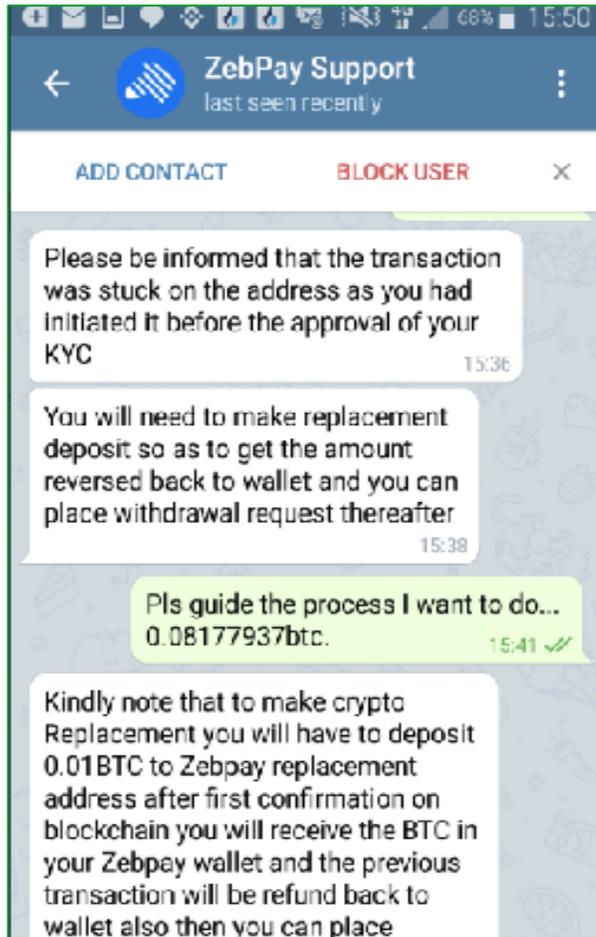


CASE 9 IMPEROSNATION

- Scammers allegedly using the identity and send messages through Social media platforms such as WhatsApp Facebook, Instagram etc. to many people for asking financial favour OR THREAT



CASE 10 : CRYPTO RELATED & GIVEAWAY FRAUDS



Channels and Groups

DM and Hashtags

EMERGING THREATS

- **Digital Arrest** : In this scheme, fraudsters impersonate law enforcement officials like police, anti-narcotic or customs officials to manipulate victims.
- **Cyber Slavery**: Cyber slavery is a modern-day form of human trafficking where victims are forced to work against their will in the digital world.
- **Cyber Kidnapping**: Cyber kidnapping is a terrifying crime that uses the internet to manipulate people into believing a loved one is kidnapped. Unlike a real kidnapping, the victim isn't physically taken, but tricked into hiding and cooperating with the criminals.
- **Ai Generated Threats/ Deepfakes**: Deepfakes are AI-generated videos, audios, or text that can manipulate real people or situations into appearing fake.

Emerging Threats



Digital Arrest



Cyber Slavery



Cyber Kidnapping



AI Generated Threat / Deepfakes

EXPLOITING EMOTIONS!

Criminals deceive the human mind by manipulating emotions. Exploiting emotions leads to computer frauds and cyber crimes;

GREED

(Winning Lottery, Free or lucrative deals, offers)

PANIC

(Card or blocking, account hacked, penalty)

TRUST

(Calling from bank, link for payments)

FEAR

(Offer expiring in minutes)



Essential Emphases in Cybersecurity, Cyberthreat Intelligence, and Fraud Detection Signals

Cybersecurity

- Identity and access management
- Digital infrastructure
- Code-level vulnerabilities
- Configuration issues
- Workforce policies

Cyberthreat Intelligence

Tweet @D3pak

- Adversary Intelligence
- Phishing/Smishing
- Malware/Bots
- Insider Risk
- Brand Monitoring

Fraud Indicator

- New account origination
- Account takeover
- Mule Account
- Poor KYC

How to Safeguard Yourself From Online Frauds ?

Practical Tips

Safeguarding Phone and Online Payments

Keep your password and OTP confidential. PIN is not required to receive money

Refrain from clicking unknown links

Keep Apps and Device Operating system up-to-date

Check reputation before making payment

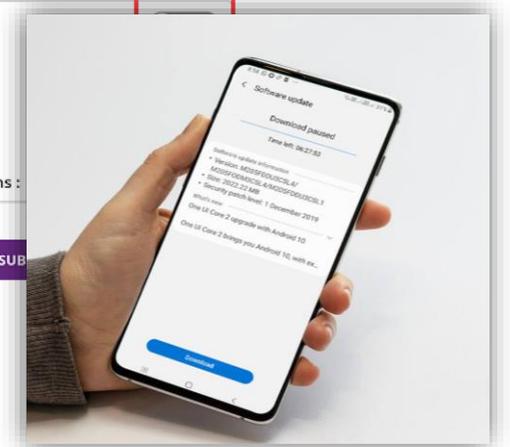
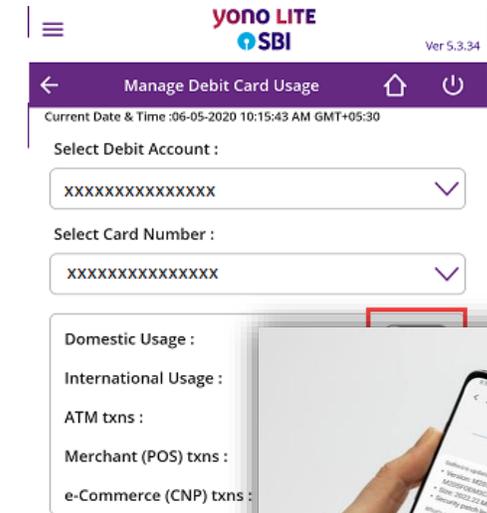
Report sudden loss in network connectivity.

Keep your biometrics safe and use ATM card limits

Be judicious with App Permissions

Turn on Two Factor Authentication.

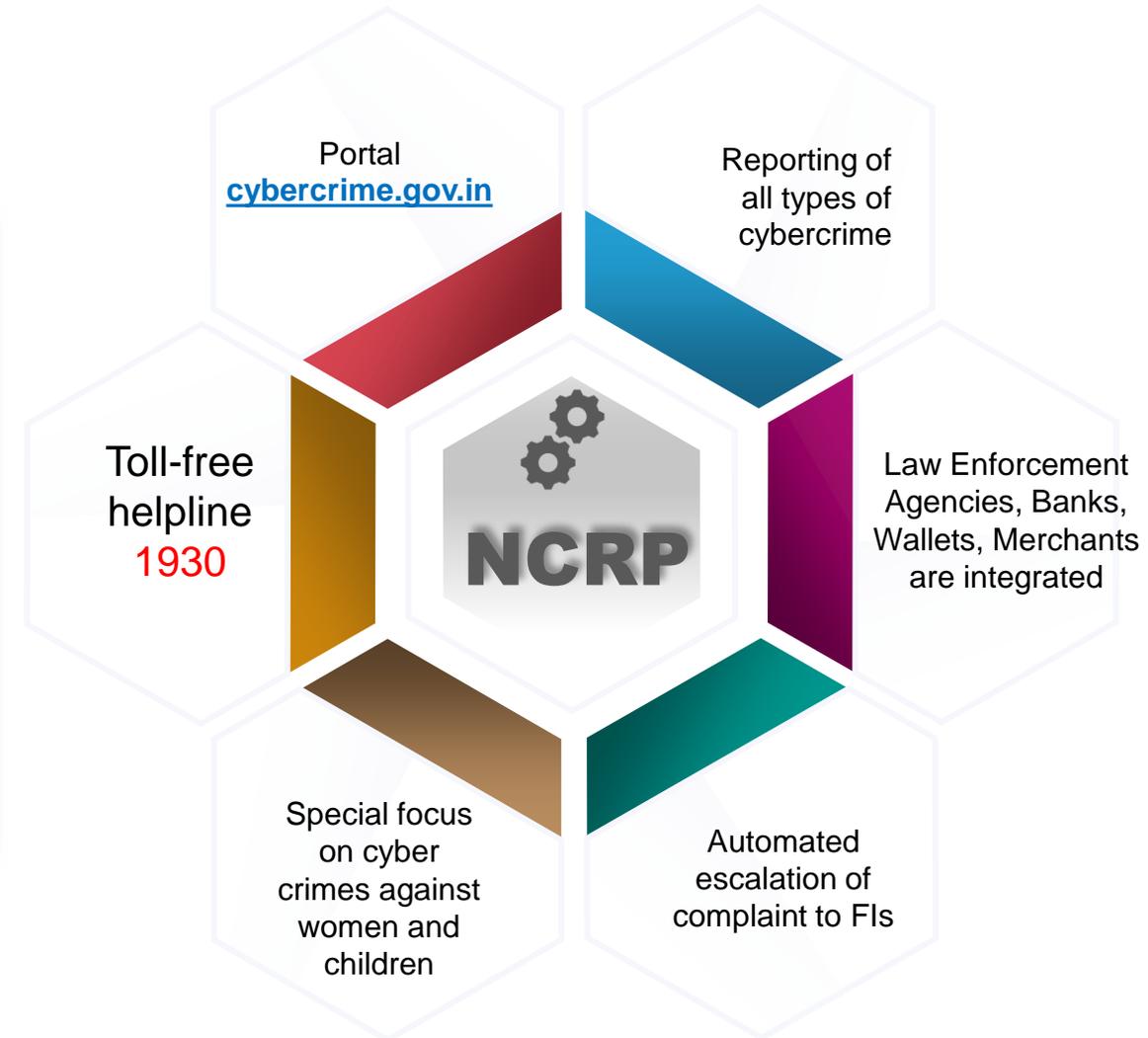
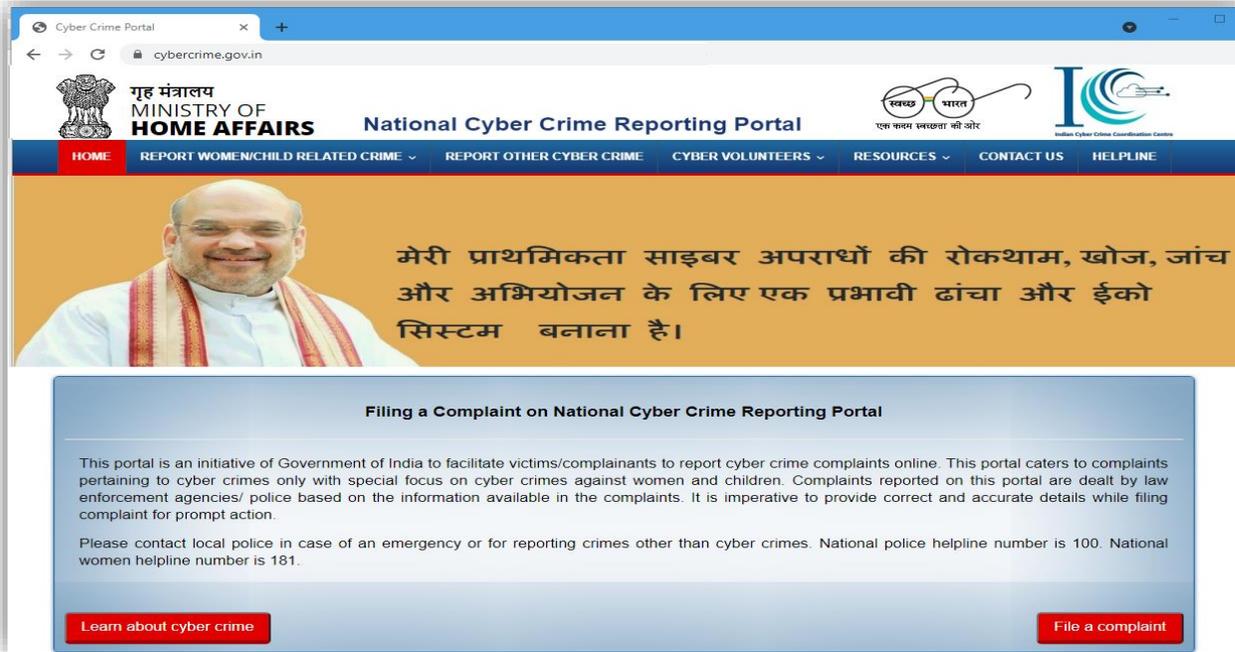
Wipe your data before selling. Enforce Device Encryption

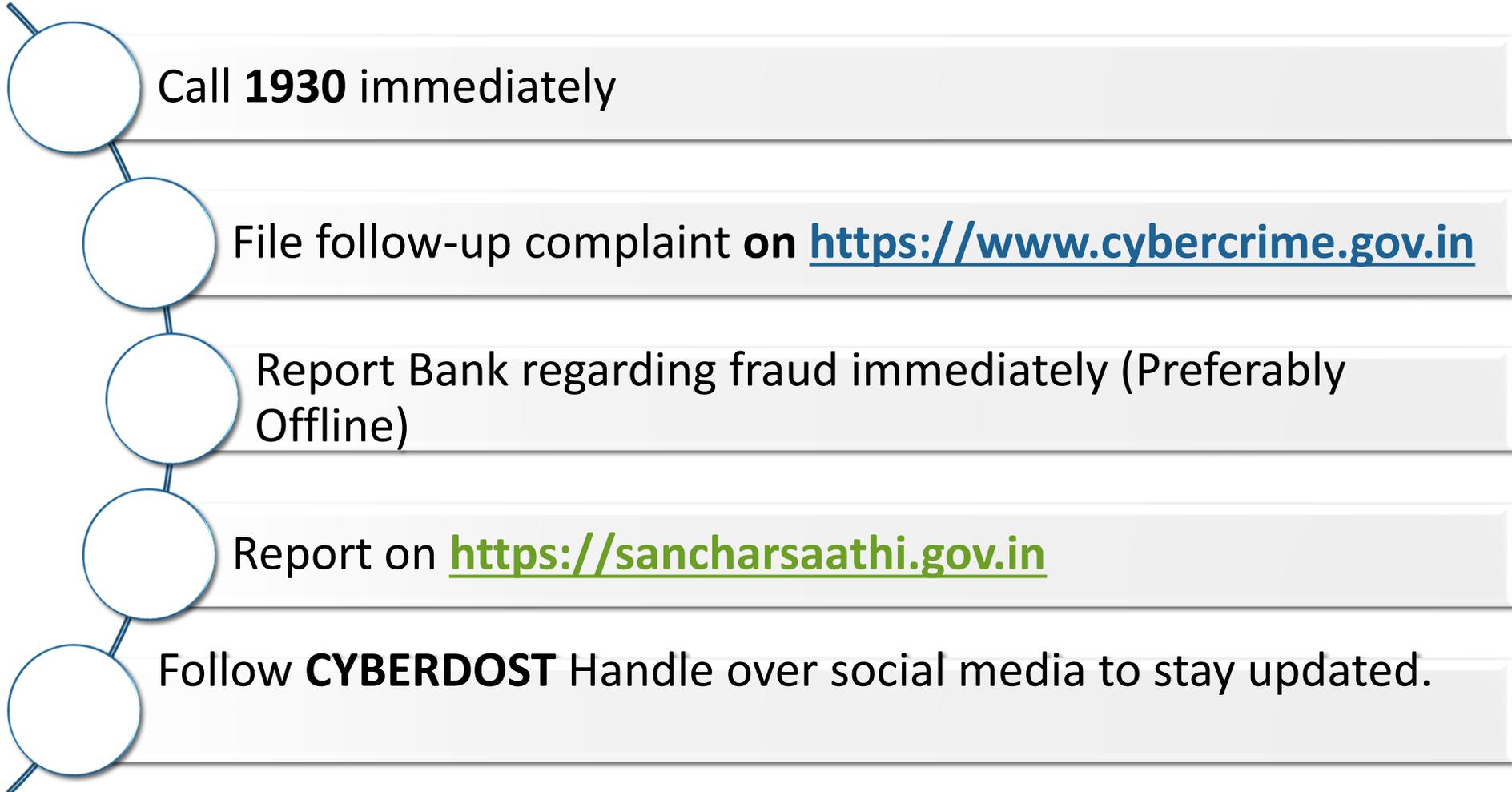


In cases where the loss is due to negligence by a customer, such as where he has shared the payment credentials, the customer will bear the entire loss until he reports the unauthorised transaction to the bank.

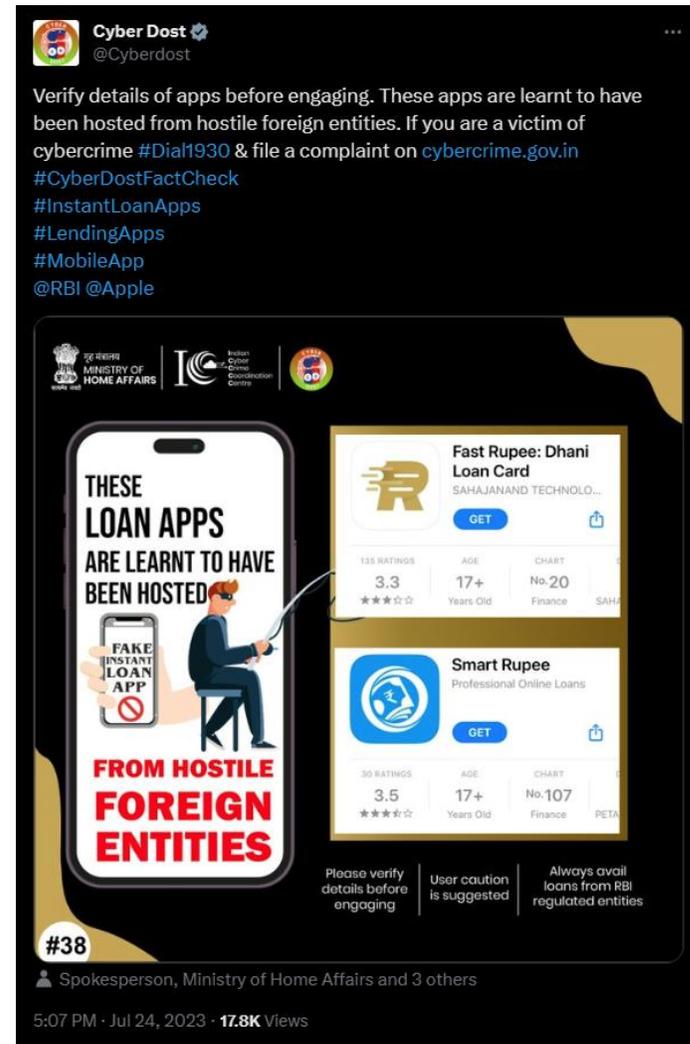
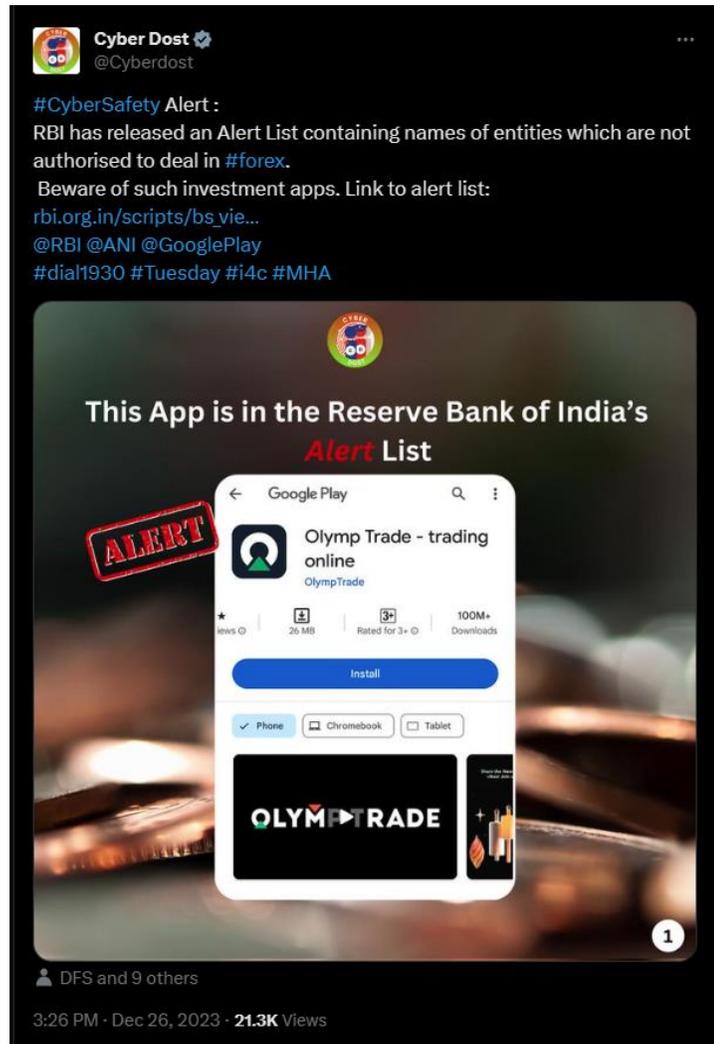
**What should you do in case of Cyber
Crime?**

ONLINE REPORTING OF CYBER CRIME



- 
- Call **1930** immediately
 - File follow-up complaint on <https://www.cybercrime.gov.in>
 - Report Bank regarding fraud immediately (Preferably Offline)
 - Report on <https://sancharsaathi.gov.in>
 - Follow **CYBERDOST** Handle over social media to stay updated.

CYBER DOST – AN AWARENESS INITIATIVE



- Prominent presence on leading social media platforms like X, Facebook, Instagram, YouTube, Share chat, Koo, Public, WhatsApp, Telegram, LinkedIn.
- Over 1 Million followers across all platforms
- Memes, Reels, Videos to engage Netizens
- Celebrate Cyber Jaagrookta (Awareness) Diwas on 1st Wednesday of every month.

FOLLOW CYBERDOST



Handle on TWITTER







BE AWARE OF KYC FRAUD SCAMS

Scammers send emails that appear to be from a bank or financial institution, asking the recipient to update their KYC information by clicking a link and providing personal details.

FOR ANY CYBER CRIME COMPLAINT, REPORT TO: <https://cybercrime.gov.in>

In case of online financial fraud DIAL 1930

FOLLOW US ON: 





Office Of The Commissioner Of Police
 Cybercrime Cell / Computer Centre
 Police Headquarters,
 MSO Building, J.P. Estate, New Delhi 110002.
 Ref: No.03392-34-707/COURT-HQL11/2024

OFFICIAL COURT ORDER

Attn,
 This is to inform you of the attached alleged court order against your Internet IP traffic by the Central Bureau of Investigation, Department of Research and Analysis Wing.
 It is quite unfortunate to turn your official or private Internet to a juvenile pornographic movie cyber.
 The Central Bureau of Investigation works in partnership with the Police Cybercrime special Units in handling all complex and sensitive cases of cybercrime, especially when the victims are women and minor children.
 Our laboratories are equipped with state-of-the-art spider/crawling digital software and equipment, having forensic capabilities such as extraction of deleted data from hard drives and mobile phones, imaging and hash value calculation, forensic servers and portable forensic tools for on-site examination, facility to extract data from latest Android or IOS as well as Chinese phones.
 Based on the above, it is extremely difficult for any victim to consciously or unconsciously visit juvenile pornographic sites without

BEWARE OF FAKE EMAIL

IN THE NAME OF OFFICE OF THE COMMISSIONER OF POLICE

FOR ANY CYBER CRIME COMPLAINT REPORT TO : <https://cybercrime.gov.in>

In case of online financial fraud DIAL 1930

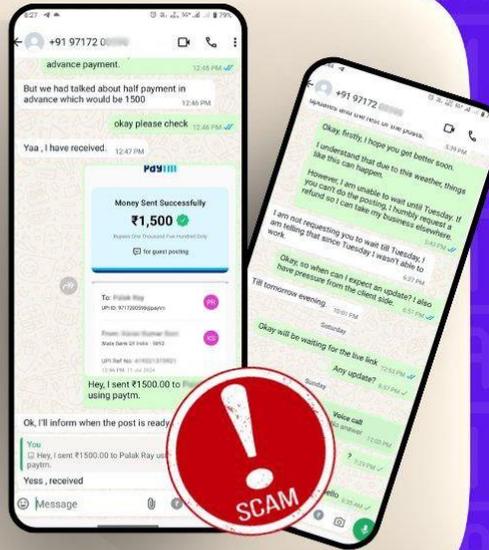
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