INDIA FUTURE FOUNDATION

Freedom of Expression, Trust and Safety on Internet

INDIA FUTURE FOUNDATION'S INITIATIVE - #DIGILITINDIA

India Future Foundation, in partnership with META (formerly Facebook), launched the Digital Literacy Program to spread awareness around Cyber Safety, Privacy, Fake News, Misinformation, and Online Abuse through training and awareness in schools, colleges and social media.

As a part of this project, IFF plans to train more than 50,000 adolescents and youth across Uttar Pradesh, Delhi, Haryana, Maharashtra, Assam and Karnataka. Along with this training, IFF has also developed a Publicly Accessible Knowledge Repository available at: www.onlinechildprotection.com.

CONTENT

TRAINING ON OPEN – SOURCE MEDIA PLATFORM INTERDICTIONS FOR PREVENTING DRUG TRAFFICKING AND COMMERCIAL CRIMES

From 13th to 15th Sep 2021, India Future Foundation conducted three-day training for 25 participants from the NCB (Narcotics Control Bureau) and Government Agencies, Covering aspects like the Dark web, Cryptocurrencies, and OSINT Techniques.

The engagement gave participants a practical insight into the Dark Web and how to create a safe presence, darknet marketplace, how different darknet markets operate, participants to the tor and onion routing protocols, Mobile TOR and various onion services.

The session gave an overview of Tails OS, Who nix OS, a privacy and anonymity OS, Blockchain technology and how to use OSINT tools on the dark web for investigations, cryptocurrencies and how they work.

ONLINE CHILD PROTECTION

IFF launches Online Child Protection portal. Online Child Protection is a child safety and right's platform that works towards protecting children from the ever-growing threat of online sexual exploitation and abuse. We run several programs, awareness training, consultations and conferences with our partners and stakeholders, which consists of governments, companies and civil societies working together to end violence against children.

Our mission is to develop and strengthen the global best practices and response to sexual exploitation or online abuse of children, leading to a safer and positive digital ecosystem for children worldwide – a world in which every child grows up safe and secure. Visit the site for more details:

www.onlinechildprotection.com.

India Future strongly believes in promoting Safety of Women and Children in Digital Space for which we works closely with United Nations, World Bank, Ministry of Home Affairs, Ministry of Electronics and Information Technology land Ministry of Women & Child Development.

TUNE WITH RED FM & LEARN ABOUT CYBERCRIME FROM EXPERT AMIT DUBEY
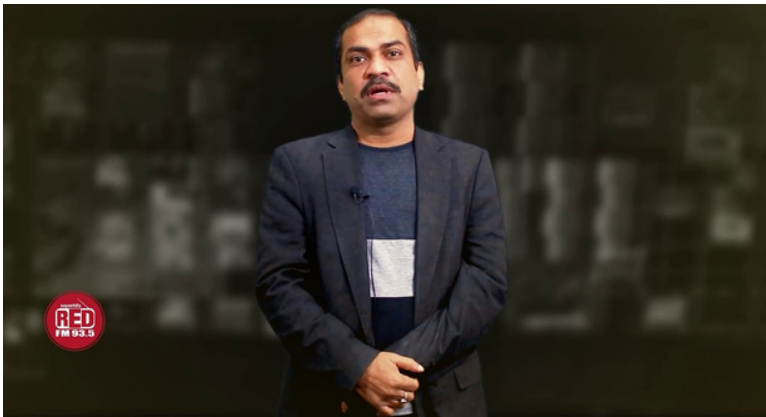
India Future Foundation's Co-Founder, National Security and Digital Crime Expert, Mr. Amit Dubey launched Season-4 of Radio show Hidden Files on 93.5 RED FM to create awareness about cybercrimes and help people safeguard their digital identities. The show is in an audiobook format that will have real-life stories of Cybercrime.

This show aims to create awareness and sensitize individuals to take adequate precautions while being on the internet and managing their devices and deals with complex and intriguing real-life solved cases that are easy to execute by criminals.

These stories include crimes like phishing, ration scam, forgery and identity theft, among other digital transgressions. However, people rarely understand such crimes due to a general lack of awareness, which this show shall create. In such critical times, you need to be aware of how the attackers can cause damage, and there is no unique way to learn than through real examples. The show is broadcasted on 93.5 RED FM between 8 PM to 9 PM, every Monday to Friday and listen to the show Hidden Files by Mr Amit Dubey.

TRAINING ON DRUGS AND CRIME IN ASSOCIATION WITH - UNODC

India Future Foundation conducted training on behalf of UNODC from 25 Oct 2021 to 27 Oct 2021 for the officials of Custom, Border Management, and Coast Guards, covering areas like the Dark web, illicit trade, cultural theft and wildlife trafficking and shared several examples of crimes in the recent past using dark web monitoring in India.

The engagement gave participants a practical insight into the Dark Web and how to create a safe presence, darknet marketplace, how different darknet markets operate.

The session gave an overview of cryptocurrency, darknet marketplace, detailed tour of tour browser, onion routing, and Social Media Engineering for Interception of Illicit Trade trafficking.

IFF's Analysis on log4J Vulnerability

India Future Foundation analyzed the Log4j RCE zero-day vulnerability within the widely-used logging tool Log4j used millions of computers worldwide to run online services. The log4j utility is well known and is utilized by many applications and companies, including the famous game Minecraft where it was first exploited. It is additionally used in different Apache frameworks like Struts2, Kafka, Druid, Flink, and numerous commercial items.

The Log4j vulnerability was simple to execute and, for the first few hours it was only known among Minecrafter players, basically a super-easy way to wreck other players' Minecraft servers. All you had to do was sort a particular string of letters into chat, and you'd get the access remotely.

The Log4j vulnerability, which received the highest CVSS (Common Vulnerability Scoring System) score possible -10.0, is extremely dangerous due to many factors.

- Log4j is one of the most popular Java logging frameworks. There are currently almost 7,000 Maven artefacts that depend on log4j and countless others Java projects that use it.

- The vulnerability exploitation is trivial and persistent, with tons of weaponized exploits available on GitHub and other open sources.

- Many programs rely on Java's programming language, and these programs contain something like an "activity log" that registers everything that happens -- these are how you can Ctrl-z your way out of types and mis clicks.

- We can trigger this vulnerability with only one line of code; unpatched Java software has become a prime chasing ground for cybercriminals missing in coding abilities.

- The potential for harm is up to the creative ability of the adversary—ransomware, cryptojacking mining computer program, botnet software - anything the attacker needs to transfer to the system.

YOU CAN ACCESS THE REPORT ON THE PUBLICLY ACCESSIBLE REPOSITORY AT- WWW.INDIAFUTUREFOUNDATION.COM/WP-CONTENT/UPLOADS/2022/02/LOG4J.PDF

MEDIA COVERAGE

On The Need To Embrace Digital Culture

BY Kanishk Gaur | In Insights | Feb 03, 2022 | 584 | 0   Like 0   Tweet   Share   Share

Digital culture for an organization must start by understanding how employees and clients think about the business

Opinion: Securing digital risk during pandemic

Security should be embedded as part of the software development lifecycle could be a key enabler for organizations today. Secure DevOps programs can save a lot of crucial resources for organizations and help trust with businesses stakeholders.

January 17, 2022, 11:04 IST

By Kanishk Gaur

The definition of digital transformation has changed for organizations in the Covid-19 era. As work from home becomes the new normal, ensuring digital touchpoints for customers with a limited staff to support is the new reality organization will have to learn to live with today.

ETGovt Explained: How safe is India Gen Zs bet on Digital Gold?

Technology is evolving, and so are the people's preferences of investment tools. Gen Zs are gradually turning to digital alternatives and selecting to make their investments.

ETGovernment · Updated: February 07, 2022, 09:47 IST

By Kanishk Gaur

India is to have the largest number of Gen Zs globally, making up around 34 % of the total population and a significant part of the workforce. Buying physical Gold certainly has its pitfalls. Issues pertaining to

On The Need For Digital Risk Management And Resilience During Pandemic

BY Kanishk Gaur | In Insights | Jan 13, 2022 | 986 | 0   Tweet   Share   Share   3

For companies in software development, allowing multiple developers to work remotely and collaborate on a single platform will be the key to collaboration