



**INTEGRAL  
UNIVERSITY**  
LUCKNOW (INDIA)



DEPARTMENT OF COMPUTER APPLICATION  
TECHNICAL COMMITTEE

*Presents*

**SEPTEMBER-22**

MONTHLY  
**Tech Dose**



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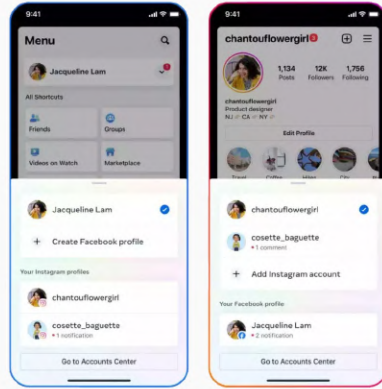


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**WELCOME TO DIGITAL AND TECHNICAL WORLD**

# 01 Meta to make it easier to switch between FB, Instagram accounts

Meta to make it easier to switch between FB, Instagram accounts Meta announced that it is testing new ways for people to more easily switch between and create new accounts and profiles on Facebook and Instagram globally for iOS, Android and web users. The company said that users could get notifications for both platforms in one place if they choose to add them to the same Accounts Center. The company said it is also introducing a new account registration and login flow that will enable people to more easily log in and create new accounts across Facebook and Instagram.



[https://www.gadgetsnow.com/tech-news/apple-ceo-tim-cook-hits-europe-for-a-full-fledged-four-key-details/articleshow/94512633.cms?referrer=amp\\_articlelist](https://www.gadgetsnow.com/tech-news/apple-ceo-tim-cook-hits-europe-for-a-full-fledged-four-key-details/articleshow/94512633.cms?referrer=amp_articlelist)

# 02 ED seizes Bitcoin worth Rs 12.83 crore after the Kolkata gaming app fraud



The Enforcement Directorate (ED), probing mobile gaming app ENuggets in a fraud case, seized Bitcoin worth Rs 12.83 crore owned by Amir Khan, the prime accused arrested in the matter. The development came just hours after Kolkata Police confiscated Rs 14.53 crore from a cryptocurrency wallet belonging to Amir Khan. However, the bitcoin worth Rs 12.83 crore seized by the ED was not directly held by Khan, who instead used the cryptocurrency wallet of a local businessman to maintain the reserve against a commission.

<https://economictimes.indiatimes.com/tech/information-tech/tcs-poised-to-seal-likely-2-billion-deal-for-bstn-4g/articleshow/94542008.cms>

# 03 South Korea to shun Russian rockets, to go with Elon Musk's SpaceX

South Korea has decided to cancel plans to launch satellites using Russian rockets later this year amid the international community's sanctions on Russia's space programme over the Ukrainian war, a government document showed. The government is most likely to sign deals with Elon Musk-run Space X and the European Space Agency for the launches.



Reference - <https://gadgets360.com/telecom/news/reliance-jio-5g-rollout-october-diali-plans-full-coverage-2023-end-3296236>

# 04 Samsung's new mouse will run away if you start working too much

Samsung has introduced a concept that is specifically made to stop overworking. The electronics manufacturer has created a brand-new computer mouse that isn't like other mouse and was made specifically to prevent overwork. The electronics manufacturer has created a brand-new computer mouse that was made specifically to prevent overwork. When you start working a lot, the Samsung Balance Mouse, takes off from the desk. The latest computer mouse from Samsung looks and functions much like a genuine mouse. The mouse, however, is still a concept mouse that was developed in partnership with an advertising agency, thus it is not yet for sale.

<https://www.dailypioneer.com/2022/technology/meta-to-make-it-easier-to-switch-between-fb-instagram-accounts.html>

# 05 Google Chrome to soon add fingerprint locking for incognito tabs

According to a recent report by 9to5Google, exiting Chrome when incognito tabs are open will instantly lock the pages. This is really useful if you want to hand your phone to someone to browse the internet.



<https://indianexpress.com/article/technology/tech-news-technology/google-chrome-to-soon-add-fingerprint-locking-for-incognito-tabs-heres-how-it-will-work-6156967/>

06

## Apple to launch standalone classical music app this year

Apple is preparing to launch a standalone classical music app that will be available along with its flagship 'Apple Music' app. Apple said there would be a 'dedicated classical music app' coming this year, with the app combining Primephonic's classical user interface with 'more added features,' reports MacRumor



[https://www.gadgetsnow.com/tech-news/apple-to-launch-standalone-classical-music-app-this-year/articleshow/94587043.cms?referrer=amp\\_articlelist](https://www.gadgetsnow.com/tech-news/apple-to-launch-standalone-classical-music-app-this-year/articleshow/94587043.cms?referrer=amp_articlelist)

09

## 5G services to be rolled out from Oct 1, 2022

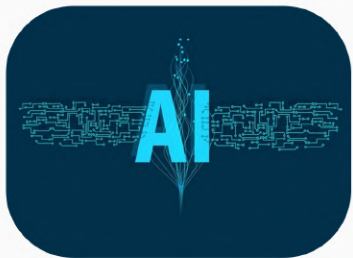
Beginning October 1, India will get 5G mobile services — almost five years after the country took its first steps towards the launch of the next generation of mobile telephony. Prime Minister Narendra Modi will launch 5G in select cities on October 1, while inaugurating the sixth edition of India Mobile Congress in New Delhi.



<https://indianexpress.com/article/explained/explained-sci-tech/pm-narendra-modi-to-launch-5g-tomorrow-october-1-882334/>

## EU proposes rules making it easier to sue drone makers, AI systems

07



The European Commission proposed rules making it easier for individuals and companies to sue makers of drones, robots and other products equipped with artificial intelligence software for compensation for harm caused by them. The AI Liability Directive aims to address the increasing use of AI-enabled products and services and the patchwork of national rules across the 27-country European Union.

[https://www.gadgetsnow.com/tech-news/eu-proposes-rules-making-it-easier-to-sue-drone-makers-ai-systems/articleshow/9455699.cms?referrer=amp\\_articlelist](https://www.gadgetsnow.com/tech-news/eu-proposes-rules-making-it-easier-to-sue-drone-makers-ai-systems/articleshow/9455699.cms?referrer=amp_articlelist)

## Snapchat for Web is now available worldwide

10



Snapchat for Web is finally available for all the messaging app's users worldwide. It could be the better choice for users who have a lot of typing to do and messages to send, since they'll be looking at a bigger screen and have access to a real keyboard. The web interface is pretty basic, but it can also be used to send photos and to make audio and video calls.

<https://healthanalytics.com/news/harvard-stanford-develop-self-supervised-ai-to-detect-disease-via-x-ray>

08

## TCS poised to seal likely \$2 billion deal for BSNL 4G

Tata Consultancy Services (TCS) and Bharat Sanchar Nigam Ltd (BSNL) are in the final stages of closing an estimated \$2-billion deal (Rs 16,000 crore) to launch the state-run telco's 4G network, people in the know told ET. The two companies have bridged differences over pricing and other commercial terms, they said, paving the way for the Tata group-led consortium to emerge as India's first indigenous telecom network solutions provider in a market dominated by global majors.



[https://www.gadgetsnow.com/tech-news/ed-seizes-bitcoin-worth-rs-12-93-crore-after-the-kolkata-gaming-app-fraud/articleshow/94515604.cms?referrer=amp\\_articlelist](https://www.gadgetsnow.com/tech-news/ed-seizes-bitcoin-worth-rs-12-93-crore-after-the-kolkata-gaming-app-fraud/articleshow/94515604.cms?referrer=amp_articlelist)

11

## Intel and Samsung are getting ready for 'slidable' PCs

Samsung Display and Intel are working on "slidable" PCs. During Intel's Innovation keynote today, Samsung Display CEO JS Choi appeared onstage to show off a prototype PC that slides from a 13-inch tablet into a 17-inch display. "We're announcing the world's first 17-inch slidable display for PCs," said Choi. "This device will satisfy various needs for a larger screen and portability as well." Samsung Display has chosen to implement a sliding technology for its flexible PC displays, and Choi appeared to indicate that "foldable is gone" on PCs for now.



<https://www.theverge.com/2022/9/27/2337502/intel-samsung-display-slidable-pc-concept>

# 12

## Apple to move 25% iPhone production to India by 2025, 20% iPad and Apple Watch to Vietnam

Apple began assembling some of its devices in India and Vietnam a few years ago, slowly cutting its reliance on China. Apple will move 5% of global iPhone 14 production to India by late 2022, and expand its manufacturing capacity in the country to produce 25% of all iPhones by 2025. Vietnam, on the other hand, will contribute 20% of all iPad and Apple Watch productions, 5% of MacBook and 65% of AirPods by 2025.



<https://techcrunch.com/2022/09/21/apple-to-move-25-iphone-production-to-india-by-2025-20-ipad-and-apple-watch-to-vietnam/>

# 13

## Wipro chief who fired 300 employees for 'moonlighting' on receiving end of 'hate mails'



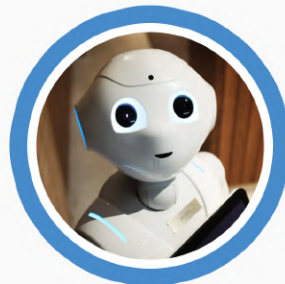
Wipro chairman Rishad Premji found himself on the receiving end of 'hate mails' after he said that the company fired 300 workers for "moonlighting". Chairman Rishad Premji said the company has no place for any employee who chooses to work directly with rivals while being on Wipro payrolls.

<https://www.outlookindia.com/business/what-is-moonlighting-here-s-why-wipro-fired-300-employees-for-doing-it-news-225205>

# 14

## Researchers are trying to teach a robot how to laugh to improve human-robot conversations

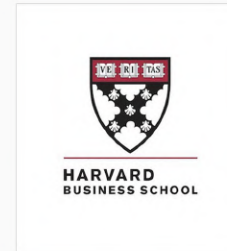
Researchers at the University of Kyoto are trying to teach a robot how to laugh. The researchers developed an approach to building a "sense of humour" for the Japanese android Erica, which is described in a research article published in Frontiers in Robotics and AI. Robots cannot detect laughter or even laugh at a joke but instead, researchers want to recreate the human nuances of humour for an AI system so that it can improve how natural conversations can get between robots and people.



<https://indiaexpress.com/article/technology/science/researchers-are-trying-to-teach-a-robot-how-to-laugh-to-improve-human-robot-conversations-8161917#:~:text=Researchers%20that%20be%20t,at%20the%20University%20of%20Kyoto%20that%20they%20are%20trying%20to%20teach%20Erica,Frontiers%20in%20Robotics%20and%20AI>

# 15

## Harvard, Stanford Develop Self-Supervised AI to Detect Disease Via X-ray



Harvard Medical School (HMS) and Stanford University researchers have developed an artificial intelligence (AI) tool that can detect disease within chest radiographs using natural language processing (NLP)-based clinical reports rather than relying on human annotations to "learn." Using AI to improve medical imaging is not new, but many challenges to AI use in this area keep it limited to a handful of clinical applications. One of these challenges is the burden of human annotation.



<https://www.engadget.com/snapchat-for-web-is-now-available-for-everyone-130052210.html>

## Unknown Facts



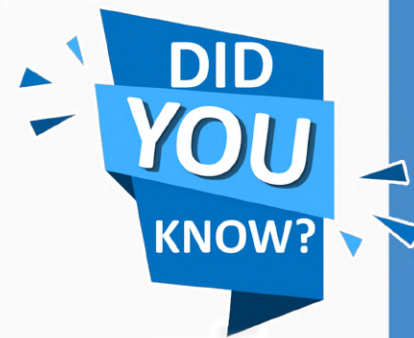
In 1971, the first ever computer virus was developed. Named Creeper, it was made as an experiment just to see how it spread between computers. The virus simply displayed the message: "I'm the creeper, catch me if you can!"



QWERTY keyboard was designed to slow down the typing speed



Google's First Tweet was in binary. Google's first tweet was in 2009, and it was gibberish to most. Translated from binary to English, it reads, "I'm feeling lucky".



# News of the Month

## Card Tokenization To Be Implemented From 1st October 2022

The RBI (Reserve Bank of India) mandates that starting on October 1, 2022, retailers cannot keep full card numbers, CVVs, expiration dates, or any other sensitive card information in order to process online transactions. The Reserve Bank of India (RBI) had also extended the deadline for tokenisation of debit and credit cards to September 30, 2022.

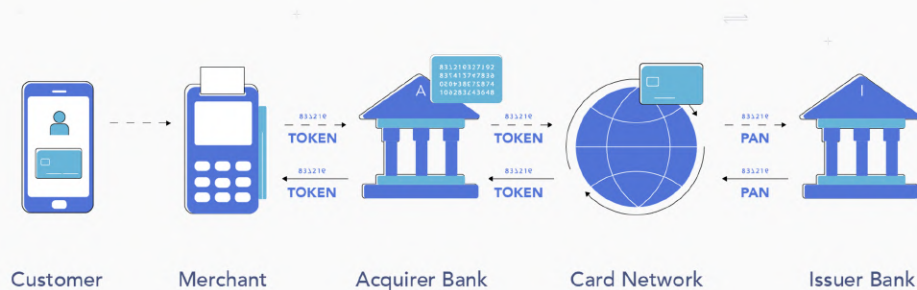
### WHAT IS TOKENIZATION

Tokenisation refers to replacement of actual or clear card number with an alternate code called the "Token". This shall be unique for a combination of card, token requestor and the merchant. Tokenisation and detokenisation can be performed only by the card issuing Bank or Visa / Mastercard / Rupay who are referred as authorised card networks.

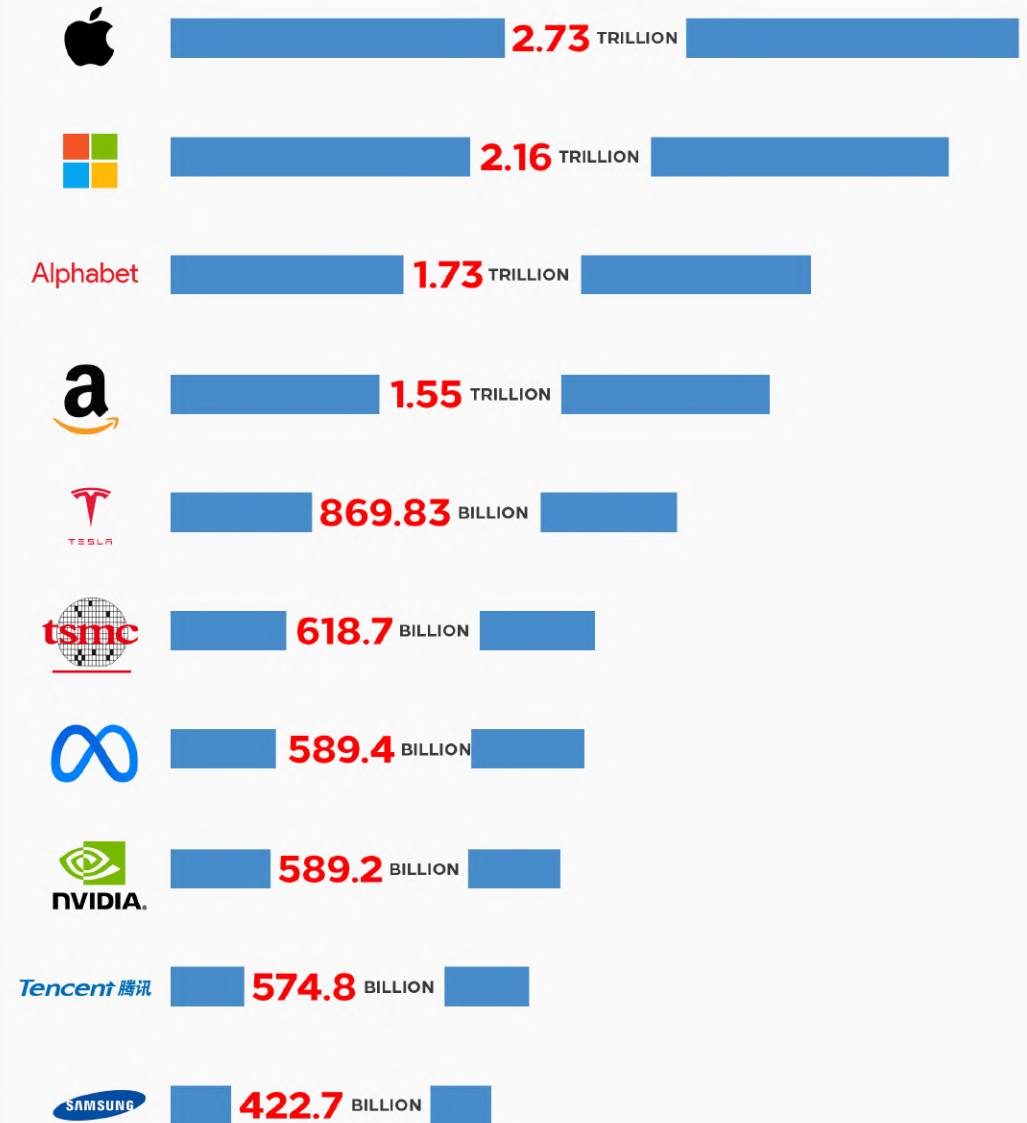
### BENEFITS OF TOKONIZATION

A tokenised card transaction is considered safer as the actual card details are not shared/ stored with the merchants to perform the transaction. The card tokenisation converts your card details into a unique code called 'token' that is specific to your card and one merchant at a time. The code does not reveal the details of your card and can be saved on the online portal's server. This prohibits all online shopping portals from saving your card numbers, CVV, expiry date, etc. on their servers.

### How does payment tokenization work?



# 10 BIGGEST TECH COMPANIES IN THE WORLD



# THE EVOLUTION OF WINDOWS



**Windows 1**  
YEAR - 1985



**Windows 3.2**  
YEAR - 1992



**Windows 95**  
YEAR - 1995



**Windows XP**  
YEAR - 2001



**Windows vista**  
YEAR - 2007



**Windows 7**  
YEAR - 2009



**Windows 8**  
YEAR - 2012



**Windows 10**  
YEAR - 2015



**Windows 11**  
YEAR - 2021



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Coffee and passwords are best when they are **STRONG**.



### PASSWORD SECURITY TIPS

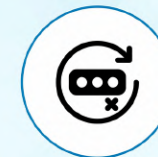
Take advantage of these password security tips to safeguard your personal information.



Don't use personal information.



Randomize patterns and sequences.



Never reuse passwords.



Prioritize password length.



Never share your password.



Avoid public Wi-Fi.



Use a variety of numbers, letters, and characters.



Download a password manager.



Check your password strength.



Change passwords periodically.

**#CyberSaksharta**

An initiative by:

**DEPARTMENT OF COMPUTER APPLICATION**

In association with:

National Cybersecurity Alliance (USA)