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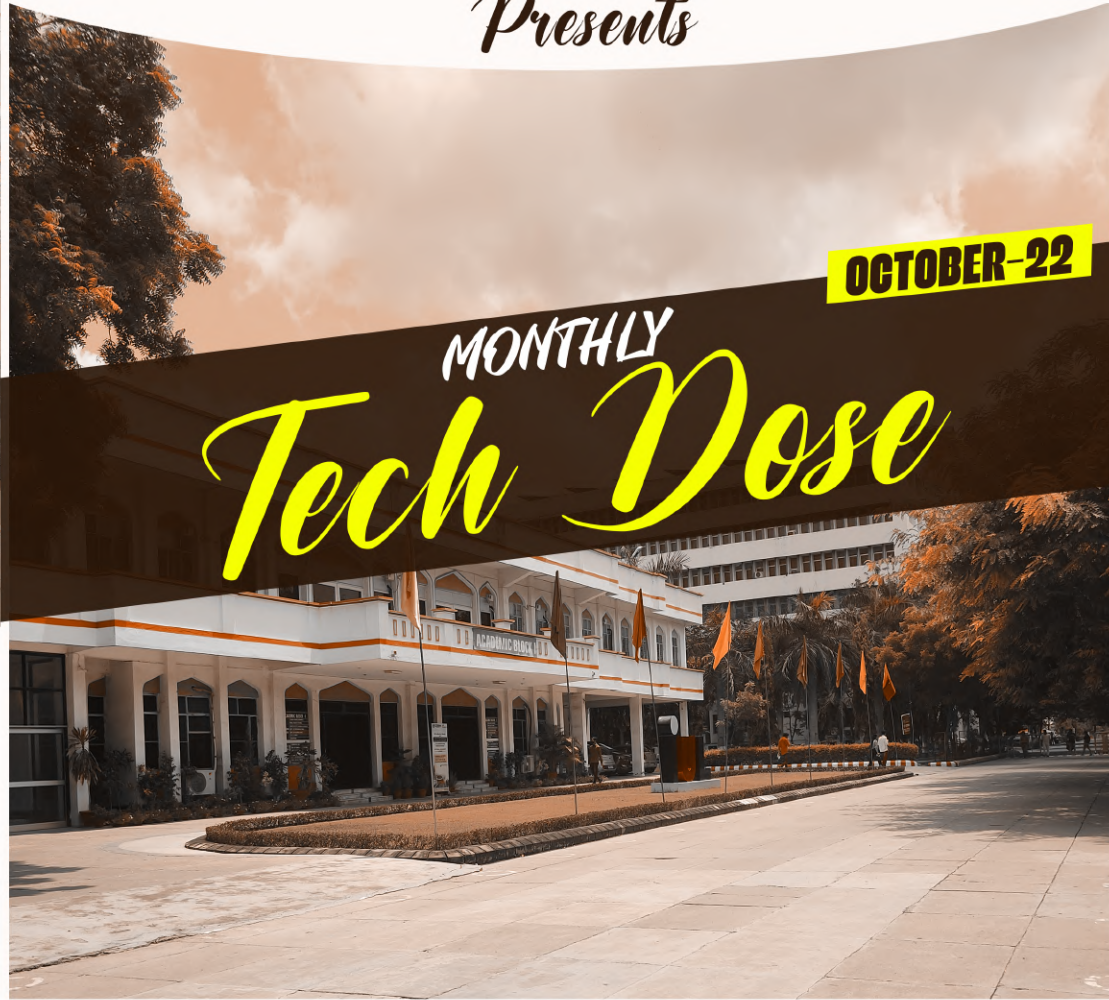


DEPARTMENT OF COMPUTER APPLICATION  
TECHNICAL COMMITTEE

*Presents*

**OCTOBER-22**

MONTHLY  
**Tech Dose**



**WELCOME TO DIGITAL AND TECHNICAL WORLD**

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01

## Windows 11 to let users connect to Android Phones via hotspot



With an aim to enhance user experience, tech giant Microsoft has released a Windows 11 preview build that will contain an update for "Phone Link", which will allow users to connect directly to their Android phone from their computer through a mobile hotspot. Windows Central reported that Microsoft is currently pushing out a Windows 11 preview build that's only available to Insiders on its Dev Channel. Additionally, it appears that Microsoft's Phone Link app will also be updated in the new build. With this update, users will be able to directly connect Windows 11 to their phone's mobile hotspot by using the Windows Wi-Fi panel. The new feature works similarly to how mac OS can easily connect with an iPhone hotspot, it added. However, the new Phone Link feature is currently only available for Samsung handsets running One UI 4.1.1 and higher. Microsoft may later decide to provide compatibility for additional devices, like the Surface Duo, according to the report. Meanwhile, Microsoft recently started rolling out Android 12L to the Surface Duo and Surface Duo 2, to build stronger connections between Windows 11 PC and the Duo devices.

<https://zeenews.india.com/technology/windows-11-to-let-users-connect-to-android-phones-via-hotspot-2528142.html>

02

## TikTok becomes the world's highest-grossing social app

After gaining massive popularity over the last two years, the short video-sharing platform TikTok has turned its success into a money-making machine. The revenue growth has elevated TikTok to topple other established social media giants. In particular, data compiled by Finbold, TikTok generated \$2.5 million daily via in-app purchases and subscriptions on Android and iPhone devices worldwide, excluding the iPad. The value translates to an hourly revenue of about \$104,000. During the month, the social media platform recorded a cumulative revenue of \$75.8 million. Notably, TikTok recorded the highest revenue among social media platforms, with the value for Google Play Store standing at \$35.14 million to emerge second overall behind the dating app Tinder, which had \$37.58 million. On the Apple App Store, TikTok's revenue also emerged second at \$40.66 million behind the gaming app Coin Master, which had \$47.96 million.



<https://finbold.com/tiktok-becomes-the-worlds-highest-grossing-social-app-with-over-2-5-million-in-daily-revenue/>

03

## Now you can zoom in, out while watching YouTube videos

YouTube has announced that it is rolling out new design elements and product features, including options to zoom in and out for videos, to enhance user experience on the platform. Using dynamic colour sampling, the ambient mode introduces a subtle effect, so the app background colour adapts to match the video. It was inspired by the light that screens cast out in a darkened room and wanted to recreate the effect so viewers were drawn right into the content and the video takes an even greater focus on our watch page. This feature will be available on the web and mobile in a dark theme.



<https://www.indiatimes.com/trending/wtf/woman-scammed-by-fake-russian-astronaut-loses-rs-24-lakh-581769.html>

## Netflix to charge extra fee from users for sharing their passwords

04



Netflix is all set to penalize users for sharing their passwords. The streaming giant has suffered huge losses in terms of revenue and witnessed a major slump in its subscription count. Netflix cited password sharing as one of the causes behind its slow growth. Now the company announced during its quarterly earnings call on Tuesday that it will charge users additional fees from users who share their login credentials. The new rule would go into effect from 2023.

<https://www.indiatoday.in/technology/news/story/netflix-to-charge-extra-fee-from-users-for-sharing-their-passwords-2287129-2022-10-19>

05

## Google Meet calls can now be transcribed into text

Tech giant Google has announced that Meet calls can now be transcribed into text, and users can further save them in a Google Doc format. According to Android Central, the saved file can be accessed from Google Drive. Before joining the Google Meet call, attendees will be notified that the call is transcribed. These transcripts are intended to capture the meeting's discussion, serves as a record, and is helpful as a follow-up to attendees or host if they want to recall a particular segment or point in the whole discussion.



<https://indianexpress.com/article/technology/tech/google-meet-true-5g-powered-wifi-launched-in-india-all-you-need-to-know-8224808/>

# 06 RBI Launches Concept Note To Create Awareness About Central Bank Digital Currency (CBDC)

The Reserve Bank of India (RBI) on October 7, 2022 released a 'Concept Note' on Central Bank Digital Currency (CBDC) for India. The 'Concept Note' discusses key considerations, such as technology and design choices, possible uses of digital rupee, issuance mechanisms, among others. "The purpose behind the issue of this Concept Note is to create awareness about CBDCs in general, and the planned features of the Digital Rupee (₹), in particular. It explains the objectives, choices, benefits, and risks of issuing a CBDC in India," the RBI said in a press release.



<https://www.outlookindia.com/business/rbi-launches-concept-note-to-create-awareness-about-central-bank-digital-currency-cbdc--news-228293>

# 09 Akasa Air uses Artificial Intelligence product to make travel affordable

Akasa Air, India's newest airline, has selected an Artificial Intelligence (AI)-powered product to make air travel affordable by leveraging accurate and real-time airfare data. AirGain by Rate Gain allows access and agility to act upon changing market dynamics and optimize air fares in real time to provide the best prices to its customers. The AI-powered platform empowers airline revenue and pricing teams with the most accurate and reliable market insights to build a competitive pricing strategy. Through an easy-to-use UI that allows faster decision making, AirGain allows the airlines to get notified whenever there is a change in the market. Additionally, the intelligence provides the user with real-time competitor insights across channels to reduce disparity and revenue losses.



[https://www.business-standard.com/article/technology/akasa-air-uses-artificial-intelligence-product-to-make-travel-affordable-122093000254\\_1.html](https://www.business-standard.com/article/technology/akasa-air-uses-artificial-intelligence-product-to-make-travel-affordable-122093000254_1.html)

# Indian government warns Zoom users

# 07



The Indian government has issued a high-risk warning to video conferencing platform Zoom users of attackers getting entry to their system and carrying out mischievous operations. "Multiple vulnerabilities have been identified in Zoom products." It added the flaws "could be exploited by an authenticated attacker to bypass security restriction, execute arbitrary code or cause denial of service conditions on the targeted system."

<https://www.hindustantimes.com/technology/modi-govt-s-warning-for-zoom-users-shouldn-t-be-ignored-at-any-cost-10166556226524.html>

# WhatsApp services affected across the world

# 10



## WhatsApp

Instant messaging app WhatsApp was down for its users on October 25, 2022 around the globe with users complaining about issues with receiving, sending messages, updating their status and calling from the United Kingdom, South Africa, India and other parts of Asia. Within 15 minutes of it being down, #whatsappdown started trending on Twitter in India and garnered over 80,000 tweets on it. WhatsApp's parent company Meta said, "We're aware that some people are currently having trouble sending messages and we're working to restore WhatsApp for everyone as quickly as possible."

<https://www.businesstoday.in/technology/news/story/whatsapp-services-affected-across-the-world-35077-2022-10-25>

# 08 Wipro, Infosys, Tech Mahindra revoke offer letters given to freshers

Top IT and tech firms, including Wipro, Infosys and Tech Mahindra, have reportedly revoked offer letters given to students after delaying their joinings by nearly three-four months. According to reports, hundreds of freshers were offered jobs by tech firms and after delaying their joining, their offer letters was revoked, BusinessLine reported, quoting emails sent by these companies to the freshers whose offer letters were rejected. Notably, the students received these offer letters after several rounds of interviews and a rigorous selection process. "It has been identified that you are not meeting our academic eligibility criteria. Hence your offer stands null and void," one of the emails read.

<https://economictimes.indiatimes.com/tech/information-tech/wipro-infosys-tech-mahindra-revoke-offer-letters-given-to-freshers-reports/articleshow/9462440.cms?from=mdr>

# 11 Tata Power hit by cyber attack, says company

Tata Power on October 14 2022, reported a cyber attack on its IT infrastructure, impacting some of its systems. However, all critical operational systems are functioning, it added. In a regulatory filing to the bourses, the company said that it has taken steps to retrieve and restore the systems. All critical operational systems are functioning; however, as a measure of abundant precaution, restricted access and preventive checks have been put in place for employee and customer facing portals and touch points," the filing said.



<https://timesofindia.indiatimes.com/business/india-business/tata-power-hit-by-cyber-attack-says-company/articleshow/9465348.cms>



# News of the Month

## Jio 5G rollout will begin from October 2022, but only for limited users

Reliance Jio has finally announced the rollout of the 5G services. The telecom company is rolling out 5G in only four cities on a trial basis, as part of the Dussehra celebrations. Jio users who are based in Mumbai, Delhi, Kolkata, and Varanasi will be able to access 5G services in India, starting October 5 2022. However, Jio isn't offering access to the latest network to everyone and it is difficult to get 5G instantly.

## Reliance Jio launches 5G services in India, but not for everyone

Reliance Jio is launching 5G in India, but it isn't available to everyone. The telecom company will be sending an invitation to select Jio users because this is a beta test and not a commercial launch. There is no way to get an invitation from anywhere and customers will be randomly selected by the company, Reliance Jio told India Today Tech. Jio also asserted that those who will get exclusive access to 5G services will get notified via SMS and other platforms. The customers will get an invitation with the name Jio Welcome Offer. Additionally, those who will get the invitation will be automatically upgraded to the Jio 5G network, which means that people won't be required to change their existing Jio SIM or 5G handset to access the latest and fastest network in India. Reliance Jio has confirmed that customers will get unlimited 5G data with up to 1Gbps speed.

Users will continue to avail of this Beta trial until the network coverage of a city is substantially complete to provide the best coverage and user experience to every customer, the company said. The telco has confirmed that the Beta trial service will be announced progressively as cities keep getting ready.



# Technological Full Forms

- PNG** - Portable Network Graphics
- IMEI** - International Mobile Equipment Identity
- GPRS** - General Packet Radio Service
- SMTP** - Simple Mail Transfer Protocol
- MPEG** - Moving Picture Experts Group
- COBOL** - Common Business Oriented Language
- ASCII** - American Standard Code for Information Interchange
- VIRUS** - Vital Information Resources Under Seize
- ENIAC** - Electronic Numerical Integrator and Computer
- JSON** - Java Script Object Notation
- FTP** - File Transfer Protocol
- JPEG** - Joint Photographic Experts Group
- PING** - Packet Internet Groper
- HTTP** - Hyper Text Transfer Protocol
- ORACLE** - Oak Ridge Analytical and Common Local Engine

# Beware of online scams

## 10 simple steps to avoid being a fraud victim

Beware of offers for cheap travel that are 'too good to be true'.



Only download files or software from trusted sources.



Consider all emails requesting personal information as suspicious.



Protect your PC, laptop, tablet and smartphones with strong passwords and with security programs such as antivirus/anti-spyware.



Protect your mobile devices when using Wi-Fi in public places - unprotected use can reveal personal information you're sending.



Only buy from trusted sources. For Internet purchases, make sure you use the Internet security protocol called 3S Secure - Verified by Visa/SecureCode/Safekey.



Check your credit card statements upon receipt - saving your card receipts will help you verify your statement.



Use HTTPS and SSL protocols when browsing over the internet, look for the padlock symbol on the URL bar.



Beware and never respond to 'phishing' emails that ask for personal details not to unsolicited proposals offering you easy money.



Keep your debit/credit cards safe. Don't store or write down your PIN codes or passwords. Protect your cards as you would your cash.

