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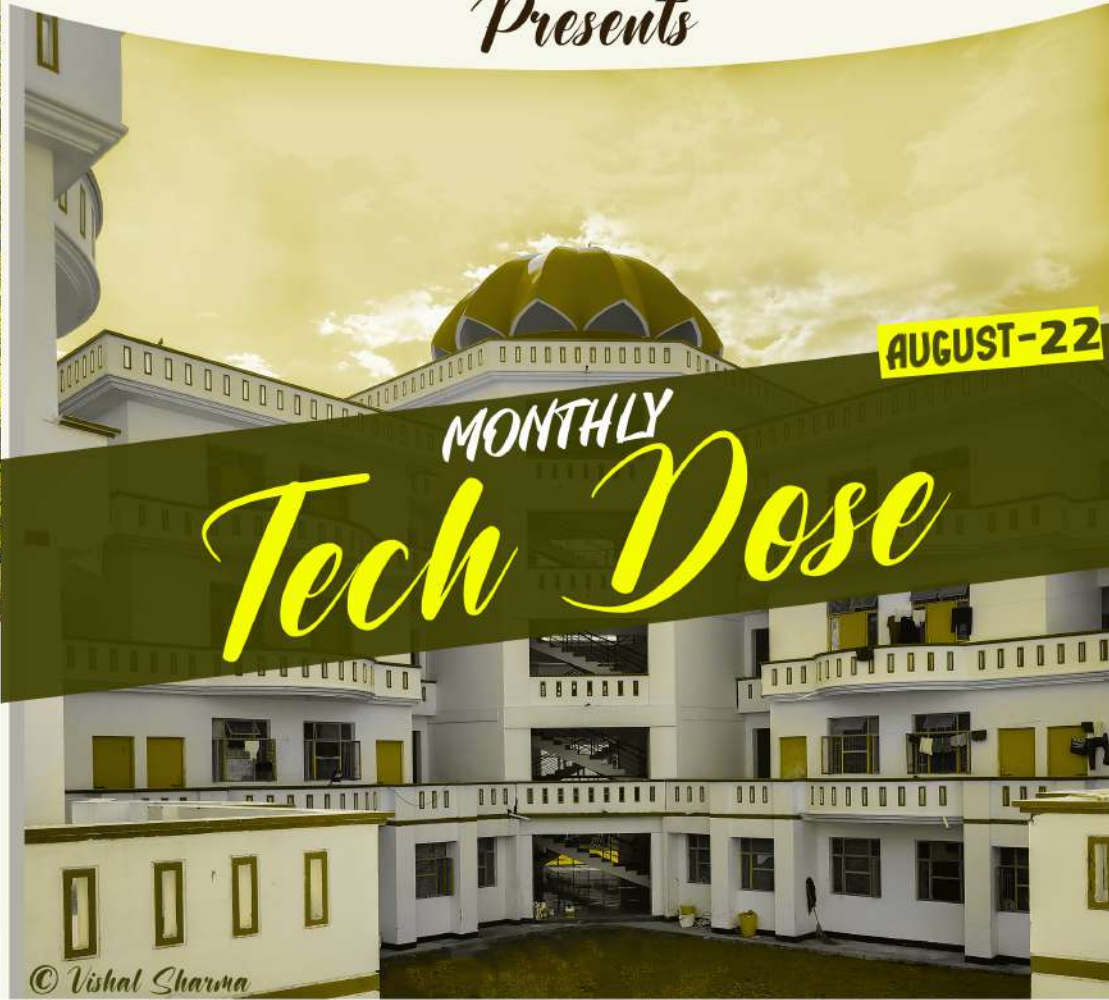


DEPARTMENT OF COMPUTER APPLICATION
TECHNICAL COMMITTEE

Presents

AUGUST-22

MONTHLY
Tech Dose



INTEGRAL UNIVERSITY

Kursi Road, Lucknow-226026 Uttar Pradesh (India)

www.iul.ac.in

Dr. Mohammad Faisal
(Mentor)

Syed Mohd Faisal
(Convener, Technical Committee)

Gausiya Yasmeen
(Member, Technical Committee)

Faraz Khalid (B.C.A. 3rd year)
(Designer)

Ayan Arif (B.C.A. 3rd year)
(Editor)

Mohd Saad Ahmad (B.C.A. 2nd year)
(Designer)

Quazi Nahied (B.C.A. 2nd year)
(Editor)

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WELCOME TO DIGITAL AND TECHNICAL WORLD

01 New WhatsApp apps for computers

WhatsApp unveiled a brand-new app for Windows users. This time, the program has been totally rebuilt utilizing native Windows technologies rather than the outdated web-based Electron technology, which should improve overall speed. Previously accessible only to beta users, the new WhatsApp for Windows is now open to all users. The native WhatsApp app also has a few more benefits over the earlier version. Users can now, for instance, send and receive messages while their phone is offline. The interface has been polished up and made to fit more consistently with the Windows Interface.



Reference - <https://theinterstate.net/2022/08/03/tech-news-august-2022/>

02 India beats China to become the second biggest smartwatch market in the world



India's smartwatch market grew by more than 347 per cent year-over-year (y-o-y) and has surpassed China to become the second largest smartwatch market in the second quarter of 2022. According to a Counterpoint Research Report, Indian homegrown brands such as Fire-Boltt and Noise have also taken top positions in the global market share. North America continues to occupy the top spot as the largest smartwatch market.

Reference - <https://www.thehindubusinessline.com/news/india-becomes-second-largest-smartwatch-market-surpasses-china-in-q2-2022/article65044803.ece>

03 Reliance Jio to Roll Out 5G Connectivity in India by October, Plans Full Coverage by 2023 End

Reliance Jio will begin rolling out 5G services in India by October, Mukesh Ambani said at Reliance Industries' 45th Annual General Meeting (AGM). The country's largest telecom operator announced a Rs. 2 lakh crore investment to deploy 5G connectivity in cities including Mumbai, Delhi, Chennai, and Kolkata by Diwali. It is confirmed the nationwide rollout of the 5G network by December 2023. It is associating with Qualcomm to develop 5G solutions for India. Jio also announced a service called Jio Air Fiber for offering



Reference - <https://gadgets360.com/news/reliance-jio-5g-rollout-october-diwali-plans-full-coverage-2023-end-3295236>

04 Delhi HC rejects WhatsApp, Facebook's appeals against CCI probe



The Delhi High Court dismissed the appeals of WhatsApp and Facebook against an order rejecting their challenge to a probe ordered by the Competition Commission of India (CCI) into the instant messaging platform's updated privacy policy as of 2021. A bench of Chief Justice Satish Chandra Sharma and Justice Subramonium Prasad said the single judge's order was well-reasoned and the appeals were devoid of merit

Reference - <https://www.thehindu.com/news/national/delhi-delhi-high-court-rejects-whatsapp-facebook-appeals-against-cci-probe/article65808787.ece>

05 Elon Musk's SpaceX and T-Mobile plan to connect mobile phones to satellites, boost cell coverage

US wireless carrier T-Mobile US Inc will use Elon Musk owned SpaceX 's Starlink satellites to provide mobile users with network access in parts of the United States, the companies announced on Thursday, outlining plans to connect users' mobile phones directly to satellites in orbit.



Reference - <https://indianexpress.com/article/technology/tech-news-technology/elon-musk-spacex-and-t-mobile-plan-to-connect-mobile-phones-to-satellites-boost-cell-coverage-802456/>

06

Asus ProArt X670E-Creator WiFi Motherboard Officially Announced

Asus has introduced a new motherboard compatible with AMD Ryzen 7000 processors. The model is called Asus ProArt X670E Creator WiFi, and according to the developers, it will be suitable for content creators. The appearance design of this new motherboard continues the ProArt design style, the design style is simple and stylish, and the I/O armor and chipset heat sink are decorated with golden lines.



Reference - <https://dailytechupdate.com/2022/08/27/asus-proart-x670e-creator-wifi7000mpavailable>

NASA's newest megarocket gets ready for its first lunar test launch



Ground teams fueled NASA's next-generation rocketship for its planned debut launch on an uncrewed, six-week test flight around the moon and back, hoping to kick off the space agency's multibillion-dollar Artemis program, successor to Apollo. The 32-story-tall, two-stage Space Launch System (SLS) rocket and its Orion crew capsule were due for blast-off from the Kennedy Space Center in Cape Canaveral, Florida, during a two-hour launch window beginning at 8:33 a.m.

Reference - <https://m.economictimes.com/news/india/nasa-next-generation-megarocket-sls-orion-set-for-debut-test-launch-to-moon/articleshow/384768.cms>

08

Over half of Bitcoin's daily trading volume fake globally, claims report

More than half of all Bitcoin daily trading volumes are reportedly fake, as the world's largest cryptocurrency nosedives again amid global economic turmoil. According to a Forbes analysis of 157 crypto exchanges and trading platforms, more than half (51%) of all reported trading volume is likely to be fake or non-economic.



Reference - <https://www.businessinsider.in/business/news/over-half-of-bitcoins-daily-trading-volume-fake-globally-report-forbes/articleshow/33949093.cms>

09

Spoofer Google Translate App Sneakily Installs Monero Mining Malware on Over 1 Lakh PCs

A crypto mining malware, disguised as a Google Translate app, has come to light recently for having forayed into thousands of computers. As per a study by Check Point Research (CPR), this malware called the 'Nitrokod' has been created by a Turkey-related entity as a desktop application for Google Translate. Several people have ended up downloading this app on their PCs in the absence of Google's official desktop app for Translate services.



Reference - <https://indianexpress.com/article/technology/tech-news-technology/google-translate-will-now-let-you-shop-directly-from-chat-8038035/>

WhatsApp announces partnership with JioMart in India for end-to-end shopping experience



Meta and Jio Platforms announced the launch of the first-ever end-to-end shopping experience on WhatsApp, where consumers can shop from JioMart right within their WhatsApp chat. A global first, JioMart on WhatsApp will enable users in India, including those who have never shopped online before, to seamlessly browse through JioMart's entire grocery catalog, add items to the cart, and make the payment to complete the purchase – all without leaving the WhatsApp chat.

Reference - <https://indianexpress.com/article/technology/tech-news-technology/whatsapp-announces-partnership-with-jiomart-in-india-for-end-to-end-shopping-experience-8118779/>

11

Samsung is reportedly working on a dual screen phone.

Samsung is reportedly working on a dual screen phone that will come with a rear-facing transparent display in addition to the primary display. The patent application for the dual screen handset from Samsung is said to have been discovered at the World Intellectual Property Office (WIPO) and was filed in January. The latest foldable smartphones from Samsung, the Galaxy Z Fold 4 and the Galaxy Z Flip 4, were launched earlier this month.



Reference - <https://gadgets360.com/mobiles/news/samsung-dual-screen-rear-transparent-display-phone-319477>

12

Android 13 Lets Users Change Language For Each App

Android 13 is available on select devices right now, but its feature set means that users will get a lot of options and customisation tools on their smartphones. Google has already shared the details and code for Android 13, and brands have rolled out their respective Android 13 beta versions as well. As you might be aware Android 13 is currently available on select Samsung Galaxy phones, and the Google Pixel lineup, which includes the Pixel 4a and the latest Pixel 6a as well



Reference - <https://www.news18.com/news/tech/android-13-lets-users-change-language-for-each-app-how-it-works-5838427.html>

Boeing targets early 2023 for first Starliner mission carrying astronauts



Boeing's first astronaut mission for the National Aeronautics and Space Administration (NASA) is expected to lift off early next year in February. The exact launch date has not been finalised yet. Boeing's first astronaut mission for the National Aeronautics and Space Administration (NASA) is expected to lift off early next year. The company is targeting February 2023 to fly its first crewed Starliner mission to the International Space Station. The development was confirmed by NASA and Boeing officials on Thursday.

Reference - <https://www.timesnownews.com/technology-science/boeing-targets-february-2023-for-starliner-1st-crewed-mission-for-nasa-article-93787013>

14

Meta now lets you post your NFTs on both Facebook and Instagram

Meta announced that it will now let users post their NFTs across both Instagram and Facebook. Users can connect their wallets like Rainbow, MetaMask, Trust Wallet, Coinbase Wallet and Dapper Wallet to post digital collectibles minted on Ethereum, Polygon and Flow.



Reference - <https://techcrunch.com/2022/09/09/meta-lets-users-post-nfts-on-both-facebook-and-instagram/>

15

Microsoft tests animated icons for Windows 11 Settings app

Microsoft is testing a new change for the Settings app in its latest operating system -- Windows 11. However, it's not a major change and is currently available only to some select Windows Insiders who are a part of the Dev channel of the Windows 11 beta testing program. According to a report by XDA Developers, some Windows 11 beta testers have recently noticed that Microsoft updated the settings app of the OS with animated icons. The report also mentions that a Twitter user has also noted that Microsoft has a name for these features, the tech giant calls them -- "delightful unexpected moments of joy."



Windows 11

Reference - <https://www.techradar.com/gadgets/news/microsoft-tests-animated-icons-for-windows-11-settings-app-what-to-expect/amp/article/show/33730186.cms>

Unknown Facts



The first computer mouse, constructed in 1964, was made out of wood, was made by Doug Engelbart.



The first hard drive was created in 1979 and could only hold 5 MB of data.



Sir Tim Burner Lee invented internet in 1989. By now there will be 17 billion devices connected to the internet.

