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INTEGRAL UNIVERSITY
LUCKNOW (INDIA)



DEPARTMENT OF COMPUTER APPLICATION
TECHNICAL COMMITTEE

Presents

DECEMBER-22

MONTHLY
Tech Dose



WELCOME TO DIGITAL AND TECHNICAL WORLD



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01

Whatsapp bans over 37 lakhs accounts in November 2022

Meta's instant messaging service Whatsapp on Wednesday 21st December, 2022 said that it banned over 37.16 lakhs bad accounts between 1st November and 30th November, reporting a spike of over nearly 60% when compared to the preceeding month. Of the total accounts banned in November , Whatsapp said almost 10 lakhs accounts were proactively banned which means it was done before any reports from users. Whatsapp published these numbers as a part of guidelines under the new IT Rules 2021 that mandates big digital and social media platforms , with more than 5 million users , to publish monthly compliance reports.



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

02

Insta launches 'hacked' hub to resolve access issues



Instagram has launched a new feature recently which can help resolve problems related to accessing accounts. The public app on December 15 , 2022 informed that they were launching a "hacked" hub to assist accounts that have been experiencing access issues. According to a report, Instagram is additionally expanding access to a feature which can provide users with numerous ways to regain their account if they lose access.

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

03

Telegram wants to allow users to store and trade Cryptocurrencies

Telegram's next step is to build a set of decentralised tools ,including a non-custodial wallets and decentralised exchanges for millions of people to securely trade and store cryptocurrencies,its Founder and CEO Pavel Durov has said. He said that this can fix the wrongs caused by excessive centralisation, which let down thousand of cryptocurrency users.



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

Twitter to hike Blue pricing to \$11 for iPhone app users



Twitter Inc. plans to change the pricing of its twitter blue subscription product to \$11 from \$7.99, if paid through its iPhone app and \$7 if paid using website, the informtaion reported on Wednesday, December 7. The lower pricing on the website was also likely to drive more users to that platform as opposed to signing up on their iPhones , the report said.

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

05

Windows 11 finally gets screen recording tool

Microsoft has started rolling out a built-in screen recording tool for Windows 11 users. Announced by the company via a blog post, Snipping Tool in Windows 11 will soon be updated to version 11.2211.35.0. The update will bring screen recording ability for Windows 11 laptops, thus reducing the dependence on third-party apps for recording the computer's screen.



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

04

06

Elon Musk to quit as Twitter CEO when replacement found

Elon Musk has said he will resign as Twitter's chief executive officer when he finds someone "foolish enough to take the job". The billionaire had promised to abide by the result of a Twitter poll which saw 57.5% of users vote "yes" to him quitting the role. He says he will still run the software and servers teams after his replacement is found. Changes on the platform since his takeover have been much criticised.



<https://www.outlookindia.com/business/rbi-launches-concept-note-to-create-awareness-about-central-bank-digital-currency-cbdc--news-228283>

09

Google Chrome introduces price drop notifications feature

Google has introduced a price drop notifications feature on its web browser Chrome. Users will not have to refresh the page every day to check the price of any product. In a blog post on Thursday, December 22, Google said users can opt-in to receive an e-mail or mobile notification from Chrome if there is a price drop. This feature is currently available on desktops and Android devices in the United States.



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

Meghalaya becomes the first state in the country to deliver medicines via drones



Meghalaya has become the first northeast state in the country to deliver medicines via drone services. The medicines were supplied to primary health center in Pedaldoba, Meghalaya. The Ministry of Civil Aviation on December 6 took to its social media handle to share the major development.

<https://www.hindustantimes.com/technology/modi-govt-s-warning-for-zoom-users-shouldn-t-be-ignored-at-any-cost-101665656226524.html>

07

Scientists developed AI that can predict your 10-year risk of a heart attack



An AI Machine learning is being used to discover new information from X-rays. An artificial intelligence (AI) model can predict your risk of dying from a heart attack or stroke over a 10-year period from just a single chest X-ray. Researchers trained the deep learning AI to search the X-ray images for patterns associated with atherosclerosis, the dominant cause of cardiovascular heart disease.

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

10

08

Truecaller announces government directory support system to protect Indian users from scams

Truecaller is making it easier for Indian citizens to contact government officials through a digital government directory. This directory provides Truecaller users access to all government helplines, educational institutions, law enforcement agencies, hospitals and other key departments across 23 states and union territories.



<https://economictimes.indiatimes.com/tech/information-tech/wipro-infosys-tech-mahindra-revoke-offer-letters-given-to-freshers-reports/articleshow/94624440.cms?from=mdr>

11

Meta is expanding its use of AI face scanning to verify user's age on Facebook Dating

Facebook is testing ways for people to verify their age when using the platform's dating app, including using an AI face scanning tool. Meta announced it would prompting users on Facebook Dating to verify that they are over 18 if the platform suspects that the user is underage, which in result would help stopping underage childrens from accessing features meant for adults.



<https://timesofindia.indiatimes.com/business/india-business/meta-power-hit-by-cyber-attack-says-company/articleshow/94865348.cms>

12

Tata group company Nelco applies for licence to offer satellite broadband services



Tata group company Nelco has applied licence for a global mobile personal communication by satellite licence with an eye on launching broadband - from space services , becoming the fourth company in the country to do so , The Economic Times reported. Up until now , the government has given licences to OneWeb, which is backed by Bharti Group , and Reliance Jio Infocomm's satellite arm even as SpaceX by Elon Musk awaits nod.

<https://www.indiatoday.in/technology/news/story/tired-by-elon-musk-twitter-ceo-parag-agrawal-and-policy-chief-vijaya-gadde-set-to-get-around-rs-1000-crore-2290887-2022-10-29>

OpenAI releases Point-E, which is like DALL-E but for 3D modeling

13

OpenAI, the Elon Musk-founded artificial intelligence startup behind popular DALL-E text-to-image generator, announced on Tuesday, December 21, the release of its newest picture-making machine POINT-E, which can produce 3D point clouds directly from text prompts. Whereas existing systems like Google's DreamFusion typically require multiple hours — and GPUs — to generate their images, Point-E only needs one GPU and a minute or two.

<https://economictimes.indiatimes.com/industry/banking/finance/india-saw-20-5-bn-online-transactions-worth-rs-36-trillion-in-q2/articleshow/94638319.cms?from=mdr>

14

Apple may launch iPhone Fold by 2025

Apple will reportedly launch its foldable smartphone 'iPhone Fold' by 2025, which is expected to feature a flexible OLED display. The tech giant has been working on a folding iPhone design for years, reports AppleInsider. Though it is unclear what form the smartphone might take, the technology needed to create one is still being developed.



<https://indiaexpress.com/article/technology/science/researchers-are-trying-to-learn-how-to-learn-how-to-improve-human-robot-conversations-8161917#:~:text=Researchers%20at%20the%20University%20of%20Illinois%20are%20trying%20to%20learn%20how%20to%20teach%20robots%20to%20communicate%20with%20AI>

15

Apple, Google, and Mozilla are teaming up to make a next-gen browser benchmark

Apple, Google, and Mozilla, the makers of Safari, Chrome, and Firefox, are teaming up to create a next-gen browser benchmark called Speedometer 3, according to tweets from all three companies. This means that the major players in the web browser and rendering engine space will have a say in a benchmark that's meant to test how their apps perform with the latest tech that websites may be using.



<https://www.theverge.com/2022/10/24/2342716/google-chrome-windows-7-8-1-end-support>

Unknown Facts



97% of people type words in Google to spell-check



Doug Engelbart invented the first computer mouse.



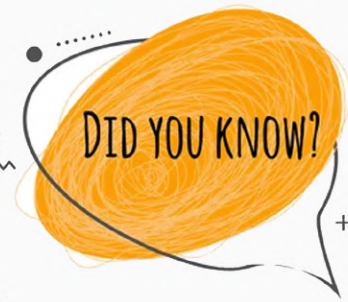
The first webpage went live on 6 August 1991 running on a NeXT computer at the European Organisation for Nuclear Research.



The Apple iPhone advertisements always have the time set to 9:41 on the phone's screen.



Google's First Tweet was in binary.



News of the Month

Google taps AI to grasp India's language diversity

Google India has teamed up with the Indian Institute of Science (IISc) for the Project Vaani initiative that would gather speech data across India and use it to create an artificial intelligence (AI)-based language model that can understand diverse Indian languages and dialects.

The project is part of Bengaluru-based IISc and AI and Robotics Technology Park's (Artpark) Bhasha AI project that includes SYSPIN (Synthesizing Speech in Indian languages) and RESPIN (Recognizing Speech in Indian languages).

Google and IISc plan to collect speech samples from 773 districts. The initiative, currently focused in 80 districts across 10 states, is expected to expand to every district over the next couple of years and boost the size and diversity of India's open-sourced language data, with over 150,000 hours of curated speech and 100 million sentences of text in Indian scripts. Artpark and IISc simultaneously plan to launch challenges for researchers and startups to build applications in areas such as health, agriculture, and financial inclusion using these datasets.



Top 10 Programming Languages

Python



Java

JavaScript



Kotlin

R



PHP

Go



C

Swift



C#

MS-WORD SHORTCUT KEYS

CTRL+SHIFT SHORTCUTS

CTRL+SHIFT+A	UPPERCASE
CTRL+SHIFT+B	BOLD
CTRL+SHIFT+C	FORMAT COPY
CTRL+SHIFT+D	DOUBLE UNDERLINE
CTRL+SHIFT+E	TRACK CHANGES
CTRL+SHIFT+F	FONT DIALOGUE BOX
CTRL+SHIFT+G	WORD COUNT
CTRL+SHIFT+H	HIDE SELECTED TEXT
CTRL+SHIFT+I	ITALIC
CTRL+SHIFT+J	FULLY JUSTIFY
CTRL+SHIFT+L	BULLET
CTRL+SHIFT+N	CLEAR FORMATTING
CTRL+SHIFT+U	UNDERLINE
CTRL+SHIFT+V	UPPERCASE
CTRL+SHIFT+A	FORMAT PASTE
CTRL+SHIFT+W	UNDERLINE ONLY TEXT
CTRL+SHIFT+Z	CLEAR FORMATTING

ALT+CTRL SHORTCUTS

ALT+CTRL+C	COPYRIGHT
ALT+CTRL+D	INSERT ENDNOTE
ALT+CTRL+E	€ SIGN
ALT+CTRL+F	FOOTNOTE
ALT+CTRL+H	TEXT HIGHLIGHT COLOR
ALT+CTRL+I	PRINT
ALT+CTRL+L	NUMBER
ALT+CTRL+M	INSERT COMMENT
ALT+CTRL+N	DRAFT VIEW
ALT+CTRL+O	OUTLINE VIEW
ALT+CTRL+P	PRINT LAYOUT
ALT+CTRL+R	REGISTERED SIGN
ALT+CTRL+S	SPLIT WINDOW
ALT+CTRL+T	TRADEMARK
ALT+CTRL+V	PASTE SPECIAL
	DIALOGUE BOX
ALT+F	OPEN THE FILE PAGE
	TO USE BACKSTAGE VIEW

MS-WORD SHORTCUT KEYS

A TO Z WORD SHORTCUTS

CTRL+A	SELECT ALL
CTRL+B	BOLD
CTRL+C	COPY
CTRL+D	DEFAULT FONT SET
CTRL+E	CENTER
CTRL+F	FIND
CTRL+G	GO TO
CTRL+H	REPLACE
CTRL+I	ITALIC
CTRL+J	JUSTIFY
CTRL+K	HYPERLINK
CTRL+L	ALIGN TEXT LEFT
CTRL+M	HANGING INDENT
CTRL+N	NEW DOCUMENT
CTRL+O	OPEN
CTRL+P	PRINT
CTRL+Q	ADD SPACE PARAGRAPH

CTRL+R	ALIGN TEXT TO RIGHT
CTRL+S	SAVE
CTRL+T	LEFT INDENT
CTRL+U	UNDERLINE
CTRL+V	PASTE
CTRL+W	CLOSE
CTRL+X	CUT
CTRL+Y	REPEAT/REDO
CTRL+Z	UNDO
CTRL+0	HIDE COLUMNS
CTRL+1	SINGLE SPACE LINES
CTRL+2	DOUBLE SPACE LINES
CTRL+5	1.5 LINE SPACING
CTRL+]	INCREASE
	SELECTED FONT
CTRL+[DECREASE
	SELECTED FONT