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DEPARTMENT OF COMPUTER APPLICATION

TECHNICAL COMMITTEE

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Tech Dose

WELCOME TO DIGITAL AND TECHNICAL WORLD

INTEGRAL UNIVERSITY
Kursi Road, Lucknow-226026 Uttar Pradesh (India)
www.iul.ac.in

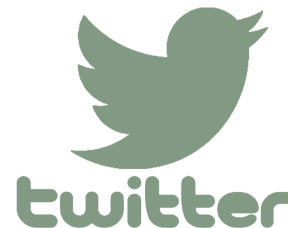|	
Syed Mohd Faisal (Convener, Technical Committee)	**Gausiya Yasmeen** (Member, Technical Committee)
Faraz Khalid (B.C.A. 2nd year) (Designer)	**Ayan Arif (B.C.A. 2nd year)** (Editor)

1
Paytm users can now book IRCTC tickets and pay for them later

Paytm users will now be able to book train tickets and pay for them later. One97 Communications Ltd, the parent company of Paytm, announced that its subsidiary Paytm Payments Services Ltd has introduced Paytm Postpaid for IRCTC customers.The digital wallet company has introduced the 'Book Now, Pay Later' feature for ticket bookings. The feature has been launched in partnership with IRCTC to let users book tickets in one single click. Booking tickets from IRCTC can sometimes be hassling, especially when your Internet is slow or weak. Paytm's new feature will let you book tickets instantly with just one click without having to pay instantly.

2
YouTube Vanced to be discontinued 'due to legal threats' from Google

After facing a legal threat from Google, the popular Vanced YouTube app is being discontinued.The developers have confirmed that they have stopped all further development of the project, and Vanced has been officially discontinued."Vanced has been discontinued. In the coming days, the download links on the website will be taken down. We know this is not something you wanted to hear but it's something we need to do. Thank you all for supporting us over the years," the brand said in a tweet.

Twitter's new feature may soon allow multiple users to co-author a tweet
03

Micro-blogging site Twitter is working on a feature that would allow multiple users to co-author a tweet, which it is referring to as "Collaborations". The option has yet to be made publicly available and only works after one user accepts a request to collaborate from another, reports TechCrunch. It also seemingly hints at a possible plan to give creators a way to partner with businesses on brand ad deals -- something that is already common on rival social networks like YouTube, instagram, TikTok and others.

MediaTek, driven by increased traction with leading Android tablet OEMs, captured 46 per cent of the Android tablet applications processors market (AP) during Q3 2021, a new report claimed.According to Strategy Analytics, the global tablet AP market declined 14 per cent in unit terms but grew 8 per cent in revenue terms in Q3 2021.Apple, Intel, MediaTek, Qualcomm and Samsung LSI captured the top-five tablet AP revenue share rankings in Q3 2021.

MediaTek captures 46% share in Android tablet apps chips
04

MEDIATEK

WhatsApp recently Bans 14.26 Lakh Indian Accounts

WhatsApp recently banned 14.26 lakh Indian accounts based on complaints received from users via grievances channel and through its own mechanism to prevent and detect violations, according to a monthly report published by the messaging platform.

05

Elon Musk warns Starlink system could be 'targeted' in Ukraine

IIT Madras, US university develop AI-powered algorithms to enhance 3D effects in phone videos

SpaceX chief Elon Musk warned there was a high chance the company's Starlink satellite broadband service could be "targeted" in Ukraine, which has been hit by the Russian invasion.The warning came days after an internet security researcher warned that devices used for satellite communications could become "beacons" that Russia could target for airstrikes."Important warning: Starlink is the only non-Russian communications system still working in some parts of Ukraine, so probability of being targeted is high. Please use with caution," Musk tweeted.

Researchers at IIT, Madras and the US-based Northwestern University have developed deep learning algorithms that can greatly enhance the depth perception and 3D effects in videos shot using smartphone cameras.
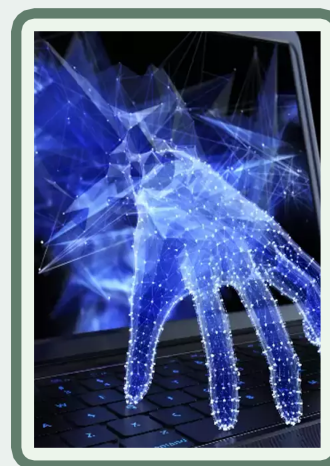
According to officials, such algorithms will prevent mobile phone images from being "flat" and impart a realistic 3D feel.It eliminates the need for fancy equipment or an array of lenses to capture videos with depth and enables us to view the same video from not just one point of view but from any of the 7x7 grid of viewpoints.

Android 13 will alert you on high app background battery usage

India's Digital Systems Could Be at Risk In The Russia-Ukraine War Fallout

Google just recently released the second developer preview build of the upcoming Android OS and also announced that Android 13 will bring a feature that will help save some battery life. The company has revealed in a blog post that Android 13 will have an alert system that will let people know if an app is draining excessive background battery. "Android 13 introduces a system notification that appears when your app consumes a large amount of device battery during a 24-hour period. This new notification appears for all apps on devices that run on Android 13, regardless of target SDK version," the company said.

It is a crisis that has hogged the world's limelight in varying degrees. If there is not enough attention towards security for the enterprises system and the large ecosystem, the crisis could hit home for companies. They could be distributed denial of service (DDoS) attacks, website defacement, and malware infection via spear phishing or more. In 2015, the electricity grid in Ukraine was disrupted by a cyberattack called BlackEnergy. Nearly 80,000 customers of a utility company in the western part of the country faced a short-term blackout after the incident. A year later, capital Kyiv reported a power cut for an hour for nearly a fifth of the city. Russia faced a barrage of charges on the attacks with the E.U. and the U.S. blaming it for being behind the cyberattacks, but it denied the charges.

10 Infosys is shutting down its Russia office

Infosys, India's second largest IT service provider by revenue, is shutting down its Russia office, the public service broadcaster BBC reported. The development follows criticism directed at UK's Chancellor of the Exchequer Rishi Sunak over his wife Akshata Murty's shareholding in the Bengaluru-based firm cofounded by her father NR Narayana Murthy. With this Infosys will become the first Indian IT company to exit Russia.

11 16-year-old behind The Lapsus$ hacking group

A hacker group has been targeting major multinational technology firms one after the other, with prominent names like Microsoft, Nvidia, Ubisoft, and Samsung already being on their victim list. A new report now indicates that the group, infamous as the Lapsus$ hacking group, is being masterminded by a teenager in England.

12 Bhopal will be first 5G-enabled smart city in India

Bhopal will be India's first 5G-enabled smart city, the government of Madhya Pradesh announced. The capital city of one of India's biggest states will pilot 5G internet services in select areas in the next four months, giving citizens access to high-speed internet. With this announcement, Bhopal joins the list of Indian cities, such as Mumbai, New Delhi, Lucknow, and Bengaluru, that the Department of Telecom said will get 5G services first.

First 5G
Bhopal will be first 5G-enabled smart city in India

-says MP govt

13 Mark Zuckerberg planning to launch NFTs on Instagram

As NFTs are all the rage these days, Facebook chief executive officer (CEO) Mark Zuckerberg is planning to let Instagram users mint non-fungible tokens (NFTs) on the social media platform.As per The Verge, Mark made the announcement at the session at South By Southwest, but did not provide a specific date for
when NFTs might drop on Instagram.For the unversed, Non-fungible tokens (NFTs) are a digital certificate of ownership of a piece of digital asset that can be bought and sold.

14 Intel launches Arc A-series discrete graphics family

Chip maker giant Intel has officially launched the Intel Arc graphics family for laptops, completing the Intel platform.The company said these are the first discrete GPUs from the Intel Arc A-Series graphics portfolio for laptops.Intel Arc A-Series graphics will power a wide range of mobile designs, with many of the first Arc 3 graphics products going into Intel Evo devices.
These will include two initial product offerings -- the A350M for ultra-thin designs and the A370M for more performance in thin-and light designs.

15 Adoption of Artificial Intelligence to make India's roads safer

An artificial intelligence-based driver safety app could go a long way in fixing the problem. On average, 400 people die in road accidents in India every day. Between 2018 and 2020 a staggering 434,244 lives were snuffed out in road accidents, or almost 150,000 people every year.The statistics are grim — but they may be about to change, thanks to the use of artificial intelligence (AI) to make India's roads safer.