IT

News World

Class: III B.SC CS 'B'

Date: 01 /08/2022

Amazon Lawsuit Fingers Facebook Groups Recruiting Fake Reviewers

A lawsuit against the administrators of more than 10,000 Facebook groups alleged to be part of a broker network for churning out fake product reviews was filed Tuesday by Amazon.

In its lawsuit, Amazon alleges the administrators have attempted to orchestrate the placement of bogus reviews on Amazon in exchange for money or free products. It added that the groups are set up to recruit people to write fake reviews at Amazon's online stores in the United States, United Kingdom, Germany, France, Italy, Spain and Japan.

Amazon said in a statement posted online that it would be using information discovered through the lawsuit to identify bad actors and remove reviews commissioned by them from the retail website.

01/08/22

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JANANI SRI.S

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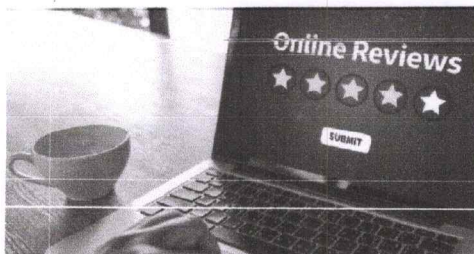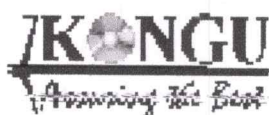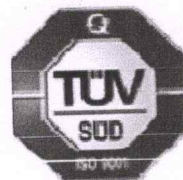
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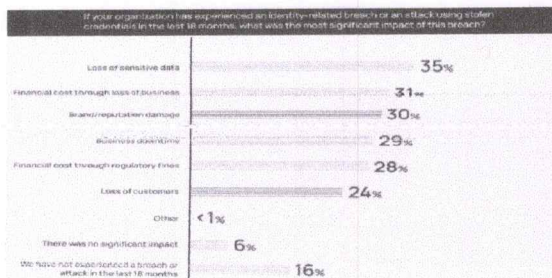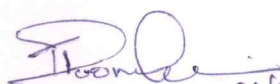
Class: III B.SC CS 'A'

Date: 01 /08/2022

Unprotected Machine Identities Newest Enterprise IT Security Concern

A new report by a privileged access management firm (PAM) warns that IT security is worsening as corporations remain bogged down on deciding what to do and what it will cost.
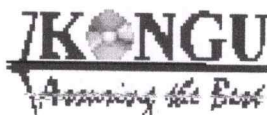
Lacking Policies Puts Machine IDs at Great Risk

Companies have a long road ahead to protect privileged identities and access, despite corporate leaders' good intentions. Less than half (44%) of the organizations surveyed have implemented ongoing security policies and processes for privileged access management, according to the report.

If your organization has experienced an identity-related breach or an attack using stolen credentials in the last 18 months, what was the most significant impact of this breach?	
Loss of sensitive data	35%
Financial cost through loss of business	31%
Brand/reputation damage	30%
Business downtime	29%
Financial cost through regulatory fines	28%
Loss of customers	24%
Other	<1%
There was no significant impact	6%
We have not experienced a breach or attack in the last 18 months	16%

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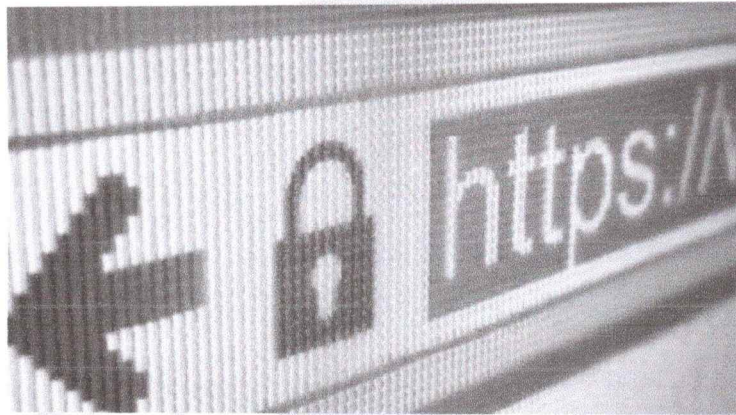
IT

News World

Date:1/08/2022

Class:ll B.sc(cs) "B"

1482 websites were blocked by IT Ministry in 2022, RTI reveals

A total of 1,482 websites or URLs were blocked by the Ministry of Electronics and Information Technology (MeiTY) from January to March 2022, revealed an RTI query filed by Software Freedom Legal Central (SFLC.in), a legal policy firm. The blocked sites include all types of URLs such as webpages, websites and pages on social media platforms.These websites were blocked citing Section 69A of the Information Technology (IT) Act, 2000. The Section states that any agency of the government or any intermediary can be asked to block the access of information for the public "in the interest of sovereignty and integrity of India, defense of India, security of the State, friendly relations with foreign states or public order or for preventing incitement to the commission of any cognisable offence relating to above". "Section 69A of the Information Technology Act has been used time and again by the Government to censor content, often in violation of the provisions of the section which mention limited grounds for blocking of access to any information," said Prasanth Sugathan, Legal Director at SFLC.in.

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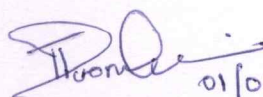
CLASS: II BSC (CS) A

DATE: 01/08/2022

IT networking hardware and storage market segments, HP has made acquisitions worth over US$15 billion, the largest one being 3PAR and 3COM acquisitions made in 2010, totaling over $5 billion. The most recent acquisition in the enterprise networking segment is Aruba Networks in March 2015 for US$3 billion. On the IT services and consulting side, the largest acquisition made so far is Electronic Data Systems, in 2008 for US$13.9 billion.
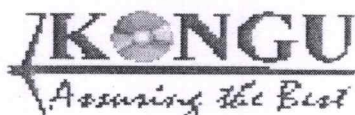
In the software products market segment, a stream of acquisitions has helped strengthen HP's position .The largest software company purchased prior to 2011 was Mercury Interactive for US$4.5 billion. This acquisition doubled the size of HP's software business to more than US$2 billion in annual revenue.

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Date: 02/08/2022

Class: III-B.Sc CS-B

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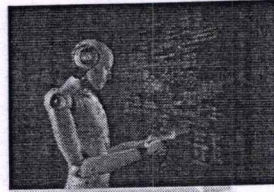
Artifical Intelligence

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision..

In general, AI systems work by ingesting large amounts of labeled training data, analyzing the data for correlations and patterns, and using these patterns to make predictions about future states. In this way, a chatbot that is fed examples of text chats can learn to produce lifelike exchanges with people, or an image recognition tool can learn to identify and describe objects in images by reviewing millions of examples.

AI is important because it can give enterprises insights into their operations that they may not have been aware of previously and because, in some cases, AI can perform tasks better than humans. Particularly when it comes to repetitive, detail-oriented tasks like analyzing large numbers of legal documents to ensure relevant fields are filled in properly, AI tools often complete jobs quickly and with relatively few errors. Today's largest and most successful enterprises have used AI to improve their operations and gain advantage on their competitors.

02/08/22

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News World

Date:02/08/22

Class: III-B.Sc CS-A

RIP Internet Explorer

A South Korean engineer who built a grave for Internet Explorer—photos of which quickly went viral—told AFP Friday that the now-defunct web browser had made his life a misery.South Korea, which has some of the world's fastest average internet speeds, remained bizarrely wedded to Microsoft's Internet Explorer, which was retired by the company earlier this week after 27 years.In honour of the browser's "death", a gravestone marked with its signature "e" logo was set up on the rooftop of a café in South Korea's southern city of Gyeongju by engineer Kiyoung Jung, 38.

"He was a good tool to use to download other browsers," the gravestone's inscription reads.

Once dominant globally, Internet Explorer was widely reviled in recent years due to its slowness and glitches.

02/08/22

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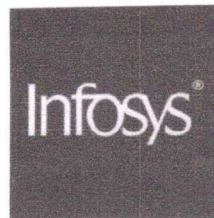
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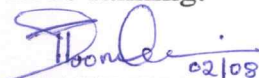
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News World

Class: II B.SC CS 'A'

Date: 02/08/2022

Infosys

Infosys Limited is an Indian multinational information technology company that provides business consulting, information technology and outsourcing services. The company was founded in Pune and is headquartered in Bangalore.[5] Infosys is the second-largest Indian IT company after Tata Consultancy Services by 2020 revenue figures and the 602nd largest public company in the world according to Forbes Global 2000 ranking.

02|08|22

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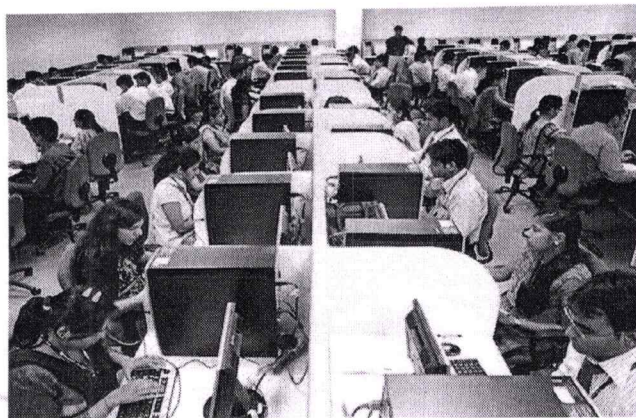M.Harini

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News World

Date: 02/08/2022

Class: II B.sc (cs) "B"

IT companies' margins decline to decade-low of 23.2% in June quarter

After a big jump in the margins and profits in the quarters immediately after the break-out of the Covid-19 pandemic in March 2020, the export-driven IT services companies are now facing their biggest earnings challenge in more than a decade. The operating or EBITDA (earnings before interest, tax, depreciation and amortisation) margin of the industry declined to more than a decade low of 23.2 per cent in the first quarter of the 2022-23 financial year (Q1FY23) as operating expenses raced ahead of revenue growth or the firms. The industry operating margins had reached a seven-year high of 28.8 per cent of the total income or revenues during Q3FY21. Margins have been on a downhill since, despite double-digit growth in revenues .The industry's average operating margins was down 360 basis points on the year-on-year (YoY) basis in the first quarter while it was down 190 basis points quarter-on-quarter (QoQ). The combined net profit for the 17 firms, including Tata Consultancy Services, Infosys, Wipro, HCL Tech and Tech Mahindra was up just 0.1 per cent YoY to Rs 23,696 crore in Q1FY23, the slowest growth in earnings in the last five-years. The combined earnings were down 8.3 per cent QoQ in the first quarter.

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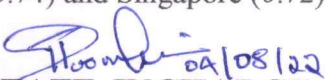P.GOPIKA

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News World

Class: III B.SC CS 'B'

Date: 04/08/2022

### Denmark Tops in Digital Quality of Life, US in Fifth Place

According to a study released Monday by VPN provider Surf shark, Hamlet's homeland finished first among 110 nations based on five "pillars" of measurement: internet affordability, internet quality, infrastructure, security and government.

Within the pillars are 14 "indicators" that further refine the quality of life measurement. For example, within the infrastructure pillar there are two indicators: individuals using the internet and network readiness.

Countries were graded based on index points with the best possible value equal to one. Denmark had the top score with a 0.83, followed by South Korea (0.76), Finland (0.76), Israel (0.74), USA (0.74) and Singapore (0.72).

04/08/22

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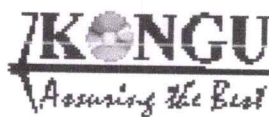
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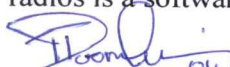
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News World

Class: II B.SC CS 'A'

Date: 4/08/2022

5G TECHNOLOGY

5G technology has a theoretical peak speed of 20 Gbps, while the peak speed of 4G is only 1 Gbps. 5G also promises lower latency, which can improve the performance of business applications as well as other digital experiences (such as online gaming, videoconferencing, and self-driving cars). 5G takes connectivity to the next level by delivering connected experiences from the cloud to clients. 5G networks are virtualized and software-driven, and they exploit cloud technologies.The 5G network will also simplify mobility, with seamless open roaming capabilities between cellular and Wi-Fi access. Mobile users can stay connected as they move between outdoor wireless connections and wireless networks inside buildings without user intervention or the need for users to reauthenticate. Wi-Fi 6 radios can be placed where users need them to provide better geographical coverage and lower cost. Underlying these Wi-Fi 6 radios is a software-based network with advanced automation.

04/08/22

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Class: III B.SC CS 'A'

Date: 04/08/2022

Cybersecurity Pros Preach Constant ID Challenging, Attack Readiness To Defeat Threats

A recent gathering of global cybersecurity pros explored the latest attack scenarios hackers use to infiltrate corporate networks. But unlike the hopes of misguided potential victims, no silver bullet or software guarantee will fully protect them.

The RSA Conference (RSAC) presenters focused on the surge in demand for implementing a Zero-Trust philosophy. Presenters urged network managers to educate their employees to spot digital identity proofing. This involves securing the data points needed to feasibly proliferate digital ID proofing solutions.

Another leading cause of network breaches is organizations integrating their on-premises environments into their cloud environment. That makes the cloud prone to various on-premises originated attacks.

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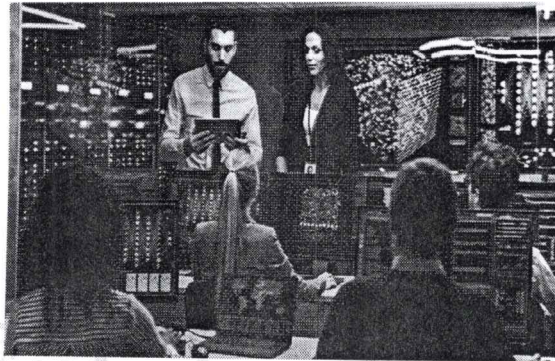
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News World

Date:4/08/2022

Class:ll B.sc(cs) "B"

Unprotected Machine Identities Newest Enterprise IT Security Concern

A new report by a privileged access management firm (PAM) warns that IT security is worsening as corporations remain bogged down on deciding what to do and what it will cost.Delinea, formerly Thycotic and Centrify, on Tuesday released the research based on 2,100 security decision-makers internationally, revealing that 84% of organizations experienced an identity-related security breach in the past 18 months.This revelation comes as enterprises continue to grapple with expanding entry points and more persistent and advanced attack methods from cybercriminals. It also highlights differences between the perceived and actual effectiveness of security strategies. Despite the high percentage of admitted breaches, 40% of respondents believe they have the right strategy in place. Numerous studies found credentials are the most common attack vector. Delinea wanted to know what IT security leaders are doing to reduce the risk of an attack. The study focused on learning about organizations' adoption of privileged access management as a security strategy.

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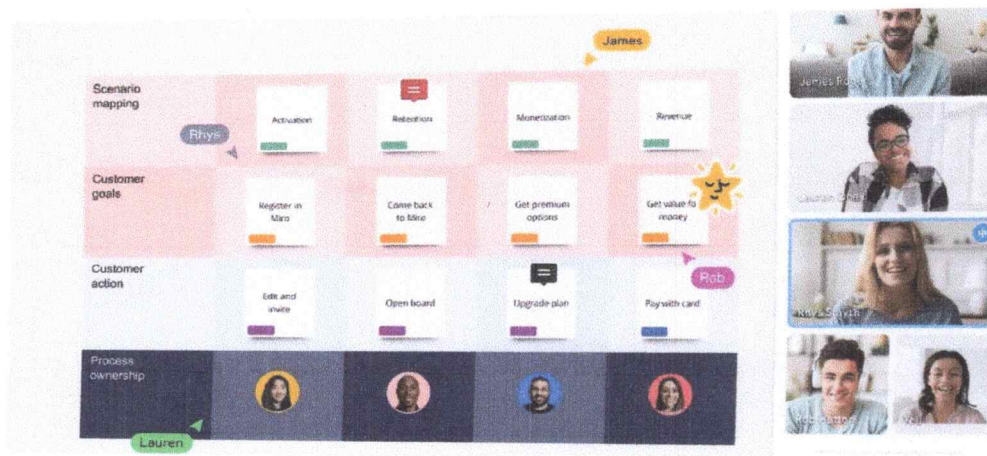
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Class: II B.SC CS 'A'

Date:05/08/2022

Miro integrates with Google Meet to boost hybrid collaboration

Miro is extending its partnership with Google Workspace by offering access to new and existing Miro boards directly inside the Google Meet platform.Building a best of-breed stack. Building a best-of-breed stack Both Miro and Google Workspace have seen their customer bases grow as a result of the pandemic. Now, Parmar said that irrespective of the working model organizations have chosen to adopt, workplaces need to ensure they're rolling out the right tools to allow employees to collaborate and get work done.

05/08/22

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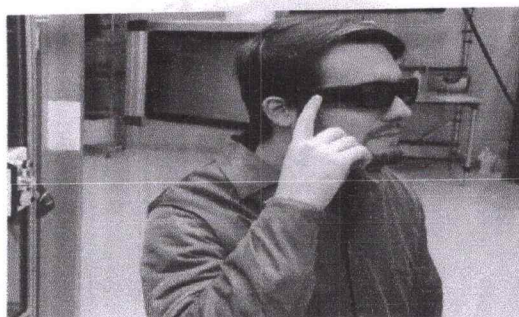DIBESH.R

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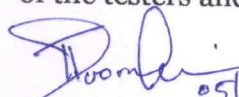
Date:5/08/2022

Class: II-B.Sc CS-B

Google plans to test AR glasses in public from August to 'help users'

With an aim to help users, tech giant Google has announced that it is planning to test augmented reality (AR) glasses in public beginning next month. The company said that testing AR prototypes only in a lab environment has its limitations. Starting next month, we plan to test AR prototypes in the real world. This will allow us to better understand how these devices can help people in their everyday lives," the company said in a blogpost. "And as we develop experiences like AR navigation, it will help us take factors such as weather and busy intersections into account – which can be difficult, sometimes impossible, to fully recreate indoors," it added. The company said it will begin small-scale testing in public settings with AR prototypes worn by a few dozen Googlers and select trusted testers. These prototypes will include in-lens displays, microphones and cameras -- but they will have strict limitations on what they can do. "For example, our AR prototypes do not support photography and videography, though image data will be used to enable experiences like translating the menu in front of you or showing you directions to a nearby coffee shop," the company said." It is early, and we want to get this right, so we are taking it slow, with a strong focus on ensuring the privacy of the testers and those around them,".

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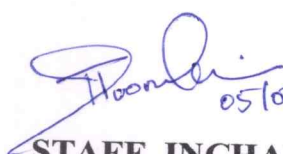*News World*

Class: III B.SC CS 'B'

Date: 05/08/2022

ANIMATION

Original, Brand-Compliant Content

Animation has become increasingly popular for the enterprise for many reasons. And while its ability to capture attention is key, there are some other compelling benefits to consider.

It's no secret that technology has changed the way we learn and work. We are now in the age of visual information where graphical content plays a role in every part of most people's lives. Considering visuals can help learners with better recall, graphics are key to engaging employees in training and development strategies.

Finding solutions to engage and optimize the screen-based learning experience is a vital concern. Simply put, companies need cost-effective, agile solutions that allow them to implement scenario-based learning modules with little effort.
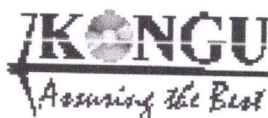
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Class: III B.SC CS 'A'

Date: 05/08/2022

Home Security Market Thriving Despite Dread of False Alarms

The market for home security systems continues to grow despite concerns about false alerts, according to a new report from Parks Associates.

Security system ownership is at an all-time high in multiple sectors, the report noted, with more than a third of U.S. broadband households (36%) having home security systems and 41% of multi-dwelling unit managers installing systems in their common areas and parking garages.

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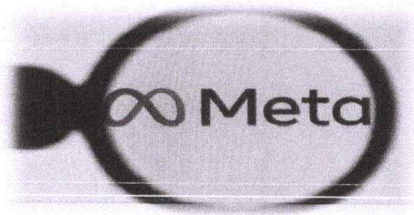**IT News World**

Class: III B.SC CS 'B'

Date: 06 /08/2022

Meta

Meta brings its latest AI chat bot on web:

Meta's AI research labs have reportedly created a new state-of-the-art chatbot and the tech gaint is letting members of the public talk to the system to collect feedback on its capabilities.

Accorinding to the verge, the bot is called blenderbot 3 an can be accessed on the web. Though, right now, it seems only residents in the US can do so.

"we are commited to publicly releasing all the data we collect in the demo in the hopes that we can improve conversational AI, "kurt Shuster, a research engineer at meta who helped create blenderbot 3.

∞ Meta

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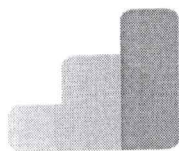
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News World

Class: II B.SC CS 'A'

Date:04/08/2022

Google Analytics

Google Analytics

Google Analytics is a web analytics service offered by Google that tracks and reports website traffic, currently as a platform inside the Google Marketing Platform brand.Google launched the service in November 2005 after acquiring Urchin.

As of 2019, Google Analytics is the most widely used web analytics service on the web. Google Analytics provides an SDK that allows gathering usage data from iOS and Android app, known as Google Analytics for Mobile Apps Google Analytics can be blocked by browsers, browser extensions, firewalls and other means.

Google Analytics has undergone many updates since its inception and is currently on its 4th iteration — GA4.GA4 is the default Google Analytics installation, and is the renamed version for the (App + Web) Property that Google released in 2019 in a Beta form. GA4 has also replaced Universal Analytics (UA).
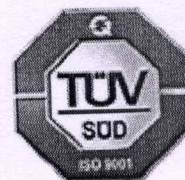
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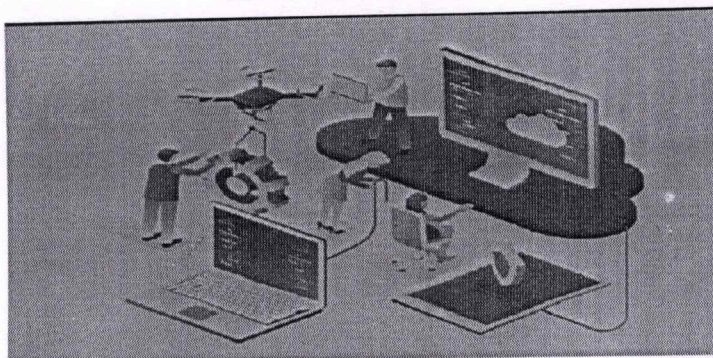Dr.T.POONKODI

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News World

Date:6/08/2022

Class: II BSC CS B

CLOUD COMPUTING

Cloud Computing is rather old technology and has been around for some years now, yet we decided to include it in our list of the top 10 high-potential technologies for 2022 because we believe cloud computing is a futuristic technology and still has miles to go. Cloud Computing refers to the availability and use of computer resources over the internet(cloud).It allows users to access and use state-of-the-art computing facilities without the hassle of managing them. It's like renting the computer power on the cloud for a fee . Besides data storage, cloud computing can be used for a range of purposes, including easy & secure communication, team meetings, live training, distance learning, real-time collaboration, social marketing, and more. If you have an idea for a business that can run on the internet and will benefit from secure, low-cost cloud computing or storage, Cloud Computing is for you.

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News World

Class: III B.SC CS 'A'

Date: 06/08/2022

Lucid, Nvidia and the Rapidly Changing Future of Electric Cars

Last week I listened to a podcast from Lucid Motors SVP Mike Bell (ex-Apple, ex-Rivian) on what makes the Lucid Air and the coming Lucid SUV code named Gravity, due in 2024, so very different from every other car on the road, including Tesla.

Given Tesla was heavily influenced by Apple, as well, it will be interesting to see the differences Apple brings to this market when it finally announces its electric car.
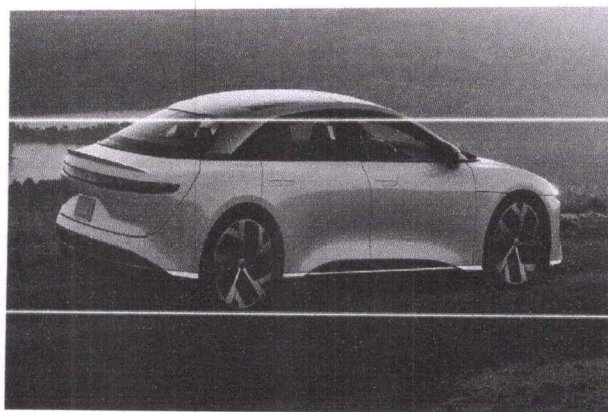
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News World

Date:8/08/2022

Class: II-B.Sc CS-B

Twitter likely to allow posting images, videos in one tweet soon

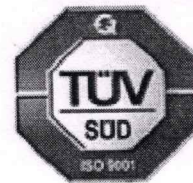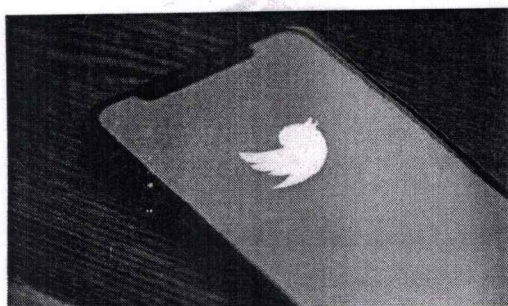Twitter has confirmed that it is testing a new feature that will allow users to post images, videos and GIFs in one multimedia tweet.The company confirmed the test and said it is available to some users for a limited time, adding that accounts can add tags to both photos and videos in the tweet, reports TechCrunch."We are testing a new feature with select accounts for a limited time that will allow people to mix up to four media assets into a single tweet, regardless of format," the microblogging site was quoted as saying in a statement.While some users have tweeted about the feature, it is not clear how different media would look like in a single tweet."We are seeing people have more visual conversations on Twitter and are using images, GIFS and videos to make these conversations more exciting," the company said."With this test, we are hoping to learn how people combine these different media formats to express themselves more creatively on Twitter beyond 280 characters," it added.Recently, Twitter confirmed that it is testing a new status feature that lets users tag posts with pre-defined labels, much like the statuses that the previous LiveJournal and MySpace systems permitted.Some of these statuses include "Spoiler alert", "Shower thoughts", "Picture of the day" and for some reason, the very redundant "Current status".

08/08/22

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B.JAWAHAR

IT
News World

Class: I B.SC CS 'B'

Date: 08 /08/2022

IT & BPM INDUSTRY REPORT

The global sourcing market in India continues to grow at a higher pace compared to the IT-BPM industry. India is the leading sourcing destination across the world, accounting for approximately 55% market share of the US$ 200-250 billion global services sourcing business in 2019-20.India's rankings improved four places to 46th position in the 2021 edition of the Global Innovation Index (GII).The IT industry accounted for 8% of India's GDP in 2020. According to STPI (Software Technology Park of India), software exports by the companies connected to it, stood at Rs. 1.20 lakh crore (US$ 16.29 billion) in the first quarter of FY22

08|08|22

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IT

News World

Class: I B.Sc CS A

Date:08.08.2022

IBM opens cyber security hub in India

IBM has opened the cyber security hub, situated in bangalore comprising a **cyber range**, software development facilities and a **security operations centre** (SOC), will serve IBM customers in India and across the Asia-Pacific region.It will provide 24/7 security response services to clients and is staffed by IBM managed security service experts who are part of the global network that manages more than two million endpoints and 150 billion potential security events on a daily basis .

CyberSec Hub

08/08/22

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News World

Class: I B.SC CS 'B'

Date: 08/2022

IT Industry facing a perfect storm in terms of talent issues: Rishad Premji

Premji's remarks have come at a time when the it industry has witnessed high levels of attrition in the quarter ended in june 30. Among the top four it firms, wipro was the only exception with an attrition rate of 23.3% in the April – June period, improving 50 basis points quarter on quarter.

22/08/22

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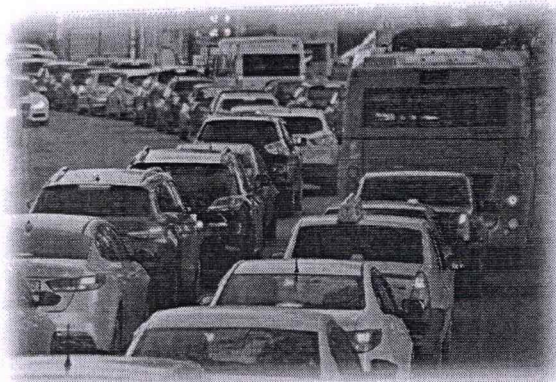**DBT STAR-SPONSORED DEPARTMENT**

IT

News World

Autonomous Driving Feature

Date: 10 / 08 / 2022

Class: III - B.Sc CS- B

In recent years, more vehicles include partially autonomous driving features, such as blind spot detectors, automatic braking, and lane sensing, which are said to increase safety. However, a recent study by researchers from The University of Texas at Austin finds that some of that safety benefit may be offset by people driving more, thereby clogging up roads and exposing themselves to more potential crashes.

The study, published recently in *Transportation Research Part A—Policy and Practice*, found that drivers with one or more of these autonomous features reported higher miles traveled than those of similar profiles who didn't have them. This is important because miles traveled is one of the most—if not the most—significant predictor of crashes. The more you drive, the more likely you are to crash.

"What we showed, without any ambiguity in our results, is that after embracing autonomous features, people tend to drive more," said Chandra Bhat, one of the authors of the project and professor in the Cockrell School of Engineering's Department of Civil, Architectural and Environmental Engineering. "There are certainly engineering benefits to these safety features, but they are offset to a good extent because people are driving more and exposed more." Surely, there will be safety improvements due to autonomous vehicles, Bhat said. But all these proclamations of massive improvements to traffic because of autonomous vehicles remain purely speculative.

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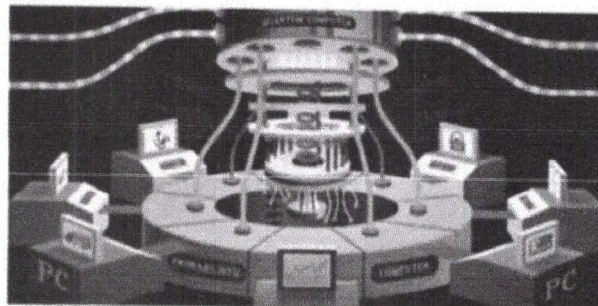## DEPARTMENT OF COMPUTER SCIENCE (UG)
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IT

Date: 10/08/22

Class: III-B.Sc CS-A

News World

The potential of probabilistic computers

The rise of artificial intelligence (AI) and machine learning (ML) has created a crisis in computing and a significant need for more hardware that is both energy-efficient and scalable. A key step in both AI and ML is making decisions based on incomplete data, the best approach for which is to output a probability for each possible answer. Current classical computers are not able to do that in an energy-efficient way, a limitation that has led to a search for novel approaches to computing. Quantum computers, which operate on qubits, may help meet these challenges, but they are extremely sensitive to their surroundings, must be kept at extremely low temperatures and are still in the early stages of development. Kerem Camsari, an assistant professor of electrical and computer engineering (ECE) at UC Santa Barbara, believes that probabilistic computers (p-computers) are the solution. P-computers are powered by probabilistic bits (p-bits), which interact with other p-bits in the same system. Unlike the bits in classical computers, which are in a 0 or a 1 state, or qubits, which can be in more than one state at a time, p-bits fluctuate between positions and operate at room temperature. In an article published in Nature Electronics, Camsari and his collaborators discuss their project that demonstrated the promise of p-computers."We showed that inherently probabilistic computers, built out of p-bits, can outperform state-of-the-art software that has been in development for decades," said Camsari, who received a Young Investigator Award from the Office of Naval Research earlier this year.

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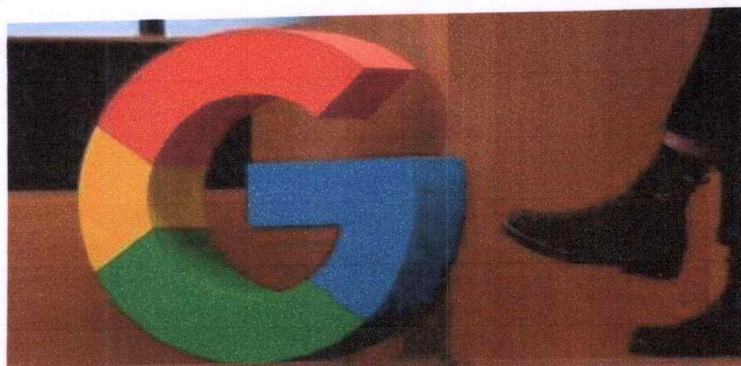ASHIK AHMED S

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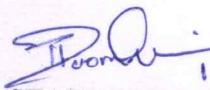#### DBT STAR SPONSOREDDEPARTMENT

IT

News World

CLASS: II BSC (CS) A

DATE: 10/08/2022

Google, Google Maps, YouTube and other services recover after global outage

Alphabet Inc's Google was down for thousands of users on Monday, according to outage tracking website Downdetector.com. Google search was not the only service impacted. The outage also impacted a range of other Google products such as YouTube, Google Photos, Google Maps, Google Drive, Google Duo, etc. The services appear to be back now.According to Google's own appstatus dashboard there's no reflection of an outage. Google has not yet issued a statement on the same.

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IT

News World

Date:10/08/2022

Class:II BSC(CS)-B

Microsoft boosts threat intelligence with new Defender programs

Drawing from last year's acquisition of RiskIQ, Microsoft is adding two new threat-intelligence applications to its Defender product family, and separately offering new detection and response capabilities for SAP ERP systems to its Sentinel SIEM (security information and event management) product. Combining intelligence from the security research team at RiskIQ with existing in-house securityfindings, Microsoft has developed Microsoft Defender Threat Intelligence, a standalone library of raw adversary data. Microsoft says it is offering the library for free, accessible directly by all users, or from within its existing Defender family of security products, according to a blog post from Vasu Jakkal, a Microsoft vice president for security, compliance, identity, and management.Microsoft has also released Microsoft Defender External Attack Surface Management, designed to scan users' computing environments and connections to provide security teams with the same view an attacker has of their organization while selecting a target.
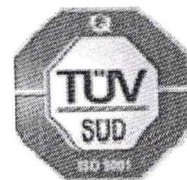
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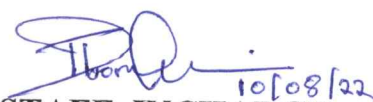
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News World

Class: IBsc(cs)-B

Date: 10.08.2022

GOOGLE SEARCH DOWN FOR THOUSANDS OF USERRS WORLDWIDE, SHOWIND 'ERROR 500'

Google Search is down for thousands of users across the globe on Tuesday morning, according to outage tracking website Downdetector. Several users took to twitter to share that they are being shown an 'Error 500(server Error)' message while using Google Search. "The server encountered an error and could not complete your request," the message further says.

5G SERVICES WILL ROLL OUT IN A MONTH, 6G STACK DEVELOPMENT IN PROGRESS: MINISTER

Minister of State for Telecom Devusinh Chauhan on Monday said 5G services will be rolled out in about a month and the 6G Technology Innovations Group is working towards the development of indigenous 6G stack. India is likely to deploy indigenously developed and manufactured 5G telecom gears by end-2022, he said. "We've developed fully indigenous 5G test bed," he added.

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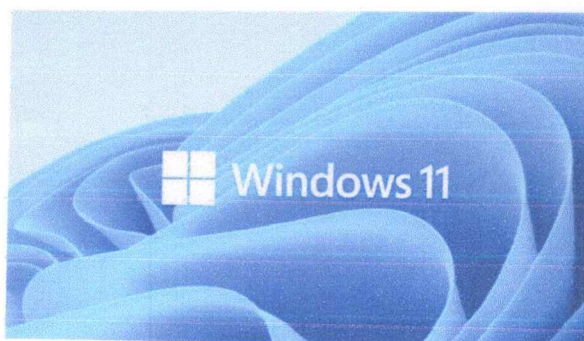#### DBT STAR SPONSORED DEPARTMENT

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News World

Class: I B.SC CS 'A'

Date: 10 /08/2022

Microsoft to introduce some Windows 11 features in Windows 10

According to a recent report by Windows Latest, Microsoft is bringing the printing capabilities of Windows 11 to Windows 10, as a part of its Windows 10 version 22H2 update. This is said to include features that were exclusive to Windows 11, including the option to add a PIN to a print job.

As mentioned earlier, Microsoft was reportedly switching to a new development schedule for Windows operating system. This version could be Windows 12 if the company chooses to stick with its current naming trend, as per the report. Microsoft is also expected to double down on releasing new features for the current version of Windows.

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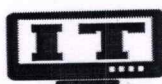
IT
News World

Class: I B.SC CS 'B'

Date: 11/08/2022

Microsoft Is Laying Off 200 More Employees After Firing 1800 People Last Month

Microsoft is reportedly laying off 200 more employees from its team focused on winning back consumers. According to Business Insider, the tech giant is asking some of its employees to find another position at the company or take severance pay. To recall, Microsoft recently fired 1800 employees as part of a restructuring process, but back then the company said that it would hire more people soon.

Last month, Microsoft laid off 1800 employees across different regions as a part of its structural adjustments. "Today we had a small number of role eliminations. Like all companies, we evaluate our business priorities on a regular basis, and make structural adjustments accordingly," Microsoft said in an official statement. It should be noted that the layoffs account for less than 1 per cent of Microsoft's total workforce of over 1.8 lakh employees.

11 /08/22

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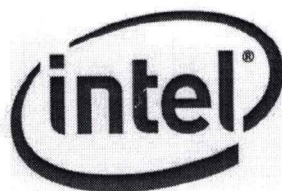ANUSHREE

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Class: II B.SC CS 'A'

Date:11/08/2022

IT

News World

intel

Intel Corporation, commonly known as **Intel**, is an American multinational corporation and technology company headquartered in Santa Clara, California. It is the world's largest semiconductor chip manufacturer by revenue and is one of the developer of the x86 series of instruction sets, the instruction sets found in most personal computers (PCs). Incorporated in Delaware, Intel ranked No. 45 in the 2020 *Fortune* 500 list of the largest United States corporations by total revenue for nearly a decade, from 2007 to 2016 fiscal years. as Acer, Lenovo, HP,and Dell.

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News World

Date: 11/08/2022

Class: II BSC(CS)-B

Microsoft boosts threat intelligence with new Defender programs

Drawing from last year's acquisition of RiskIQ, Microsoft is adding two new threat-intelligence applications to its Defender product family, and separately offering new detection and response capabilities for SAP ERP systems to its Sentinel SIEM product. Combining intelligence from the security research team at RiskIQ with existing in-house security findings, Microsoft has developed Microsoft Defender Threat Intelligence, a standalone library of raw adversary data. Microsoft says it is offering the library for free, accessible directly by all users, or from within its existing Defender family of security products, according to a blog post from Vasu Jakkal, a Microsoft vice president for security, compliance, identity, and management. Microsoft has also released Microsoft Defender External Attack Surface Management, designed to scan users' computing environments and connections to provide security teams with the same view an attacker has of their organization while selecting a target.

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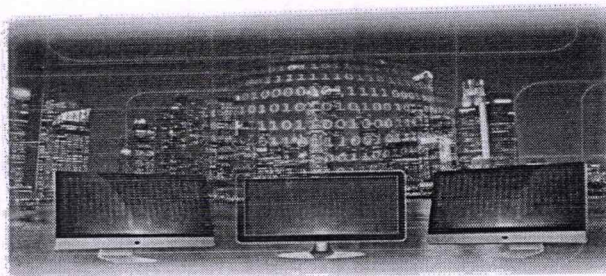**DBT STAR-SPONSORED DEPARTMENT**

IT

News World

Date: 11 / 08 / 2022

Class: III - B.Sc CS- B

Processing social media with fuzzy logic

Fuzzy logic processing has been used to carry out an analysis of performance in social media networking. Details can be found in the *International Journal of Fuzzy Computation and Modelling*.

Ridhima Mehta of the School of Computer and Systems Sciences at the Jawaharlal Nehru University in New Delhi, India, explains how fuzzy logic, with its roots in 1960s computer science, can be used to help us solve a very modern problem: handling the huge streams of data from social networking sites such as Facebook, YouTube, LinkedIn, and finding ways to analyze and interpret connectivity and sentiment in those streams.

Social media has become almost ubiquitous in many parts of the world, hundreds of millions, if not billions, of people, rely on it for entertainment, news, business, communication with friends, family, colleagues, and more. The huge quantities of information shuttled around the various networks are almost impossible to process given how disparate messages and updates, content, and context can be. Fuzzy logic, an extension of the far more conventional Boolean logic, offers a tool to process datasets in a more useful manner than attempting to analyze word-by-word or sentence-by-sentence. The team demonstrated proof of principle with a multiple-input multiple-output (MIMO) fuzzy inference system. The inputs, Mehta explains, are processed based on the concepts and operations associated with the fuzzy set theory coupled with the stored knowledge in the form of a rule base. Outputs are based on these inputs. Error rates were at least 90% improved on existing methods, Mehta found.

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News World

Class: I B.SC CS 'A'

Date: 11:08:2022

India's Q1 corporate earnings growth led by BFSI sector: Motilal Oswal

According to Motilal Oswal, the first quarter was a mixed bag for IT companies under its coverage universe reporting an overall revenue growth of 1.9 per cent quarter-on-quarter (QoQ). The corporate earnings growth during the first quarter of the current fiscal is largely led by the banking, financial services and insurance (BFSI) sector and also helped by credit cost moderation, Motilal Oswal Financial Services Ltd said in a report.On the banking sector, the report said that the growth momentum has remained strong over 1QFY23 propelled by healthy trends in the corporate portfolio, while growth in retail, business banking, and the SME segments continued to shine.The topline of automobile companies were largely above or in-line, so far, driven by price hikes, improved mix and favorable forex (for exporters).

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News World

Class: I B.SC CS 'A'

Date: 12/08/2022

Google fiber plans to bring high-speed internet service to several US cities:

Google Fiber plans to bring its high-speed Internet service to multiple cities in Arizona, Colorado, Idaho, Nebraska, and Nevada over the next several years in its first big expansion since it spun out as an independent Alphabet unit in 2015.

In his first media interview since becoming chief executive of **Google Fiber** in February 2018, Dinni Jain told Reuters on Wednesday that his team was finally prepared to "add a little bit more build velocity" after over four years of sharpening operations.

Google Fiber

12/08/22

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News World

CLASS: II BSC (CS) A

DATE: 12/08/2022

In a hybrid workforce world, what happens to all that office space?

Just 11% of businesses use all of the office space they own or lease, and nearly 45% use half their available space or less, according to a new study. As companies come to grips with a more hybrid and remote workforce, their office footprint is changing drastically. Offices are getting smaller or at least companies that own or lease office space are now using less of it, according to the 2022 Office Space Report compiled by workplace management software maker Robin Powered. The company surveyed 247 business owners, facilities managers and those in charge of office space to get a better idea of what companies plan to do with their all their cubicles, meeting rooms and offices in the aftermath of workplace changes brought about by the COVID-19 pandemic, the move to remote and hybrid work, and the Great Resignation.

12/08/22

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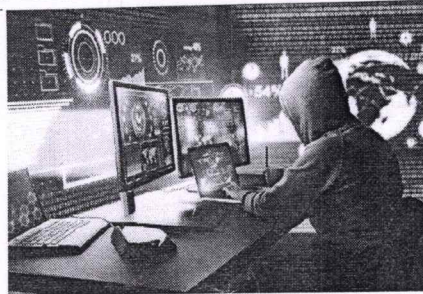
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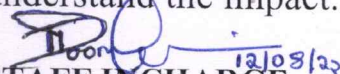*Assuring the Best*

IT

News World

Date: 12/08/22

Class: III-B Sc CS-A

NHS IT supplier held to ransom by hackers

A cyber-attack on a major IT provider of the NHS has been confirmed as a ransomware attack.

Advanced, which provides digital services like patient check-in and NHS 111, says it may take three to four weeks to fully recover. Ransomware hackers take control of IT systems, steal data and demand a payment from victims to recover. The NHS insists that disruption is minimal, but Advanced would not say whether NHS data had been stolen. The Birmingham-based firm says it first spotted the hack at 07:00 BST on 4 August and immediately took steps to contain the hackers. It is now working to restore services. The company refused to say if it was in negotiations with hackers or paying a ransom to them. An NHS England spokesperson said: "While Advanced has confirmed that the incident impacting their software is ransomware, the NHS has tried and tested contingency plans in place including robust defences to protect our own networks, as we work with the National Cyber Security Centre to fully understand the impact.

12/08/22

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News World

Date: 12/ 08 / 2022

Class: III - B.Sc CS- B
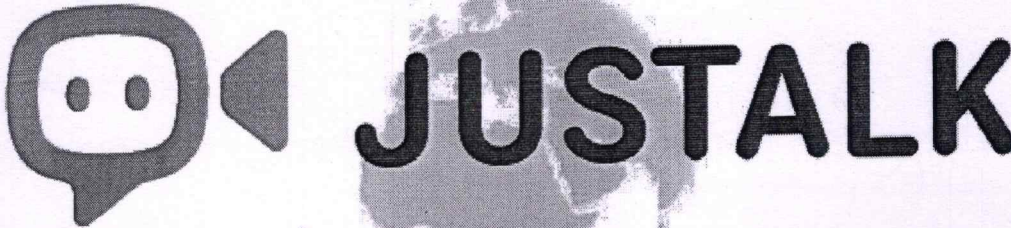
JusTalk

JUSTALK

A major chat log database belonging to popular messaging app JusTalk was left unprotected on the web for months, accessible to anyone who knew where to look.

Cybersecurity researcher Anurag Sen uncovered the database, which did not have a password, storing unencrypted data including plenty of personally identifiable information, useful for cybercriminals looking to engage in identity theft(opens in new tab), social engineering, or other forms of cybercrime. The data included the messages themselves, user phone numbers (both sender and receiver), and call logs, all sorted out just enough to be able to identify specific people and specific conversations.

In fact, while going through the logs, *TechCrunch* says it managed to find a pastor soliciting a sex worker who listed their phone number publicly. The log included the time, location, and price of the meeting. The database itself is "hundreds of gigabytes" large, and hosted on a Huawei server in China. In order to access it, the only thing a person would need is a browser and its IP address. With the help of database search engine Shodan, the researcher discovered that the server was storing new data in the database as early as January this year when it was first exposed.

It's impossible to know exactly how many people have had their sensitive data exposed in this blunder, but we do know that JusTalk has roughly 20 million users. It also has JusTalk Kids, a separate app for minors, with more than a million downloads on Android.

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Date: 12 / 08 / 2022

Class: III - B.Sc CS- B

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HTTPS - IT Ministry
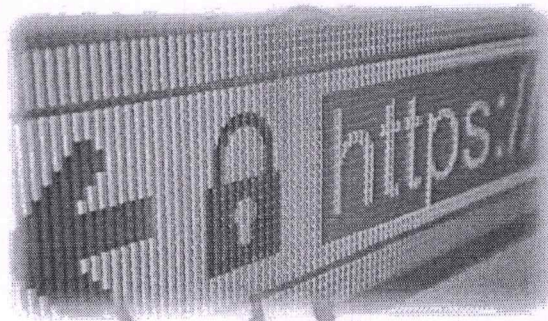
A total of 1,482 websites or URLs were blocked by the Ministry of Electronics and Information Technology (MeiTY) from January to March 2022, revealed an RTI query filed by Software Freedom Legal Central (SFLC.in), a legal policy firm. The blocked sites include all types of URLs such as webpages, websites and pages on social media platforms.

These websites were blocked citing Section 69A of the Information Technology (IT) Act, 2000. The Section states that any agency of the government or any intermediary can be asked to block the access of information for the public "in the interest of sovereignty and integrity of India, defence of India, security of the State, friendly relations with foreign states or public order or for preventing incitement to the commission of any cognisable offence relating to above".

"Section 69A of the Information Technology Act has been used time and again by the Government to censor content, often in violation of the provisions of the section which mention limited grounds for blocking of access to any information," said Prasanth Sugathan, Legal Director at SFLC.in.

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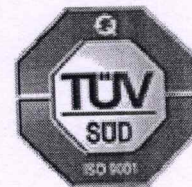A.R. HARIVARSHINI

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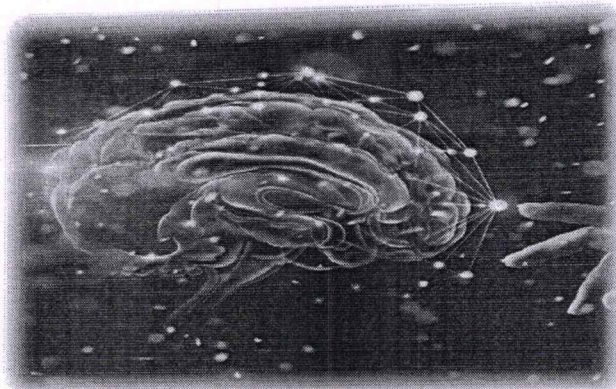
IT

News World

Date: 17/ 08 / 2022

Class: III - B.Sc CS- B

Advancing dynamic brain imaging with AI

MRI, electroencephalography (EEG), and magnetoencephalography have long served as the tools to study brain activity, but new research from Carnegie Mellon University introduces a novel, AI-based dynamic brain imaging technology which could map out rapidly changing electrical activity in the brain with high-speed, high resolution, and low cost. The advancement comes on the heels of more than thirty years of research that Bin He has undertaken, focused on ways to improve non-invasive dynamic brain imaging technology.

Brain electrical activity is distributed over the three-dimensional brain and rapidly changes over time. Many efforts have been made to image brain function and dysfunction, and each method bears pros and cons. For example, MRI has commonly been used to study brain activity but is not fast enough to capture brain dynamics. EEG is a favorable alternative to MRI technology however, its less-than-optimal spatial resolution has been a major hindrance to its wide utility for imaging.

Electrophysiological source imaging has also been pursued, in which scalp EEG recordings are translated back to the brain using signal processing and machine learning to reconstruct dynamic pictures of brain activity over time. While EEG source imaging is generally cheaper and faster, specific training and expertise are needed for users to select and tune parameters for every recording. In a newly published work, He and his group introduce a first-of-its-kind AI-based dynamic brain imaging methodology, that has the potential of imagine the dynamics of neural circuits with precision and speed.

17/08/22

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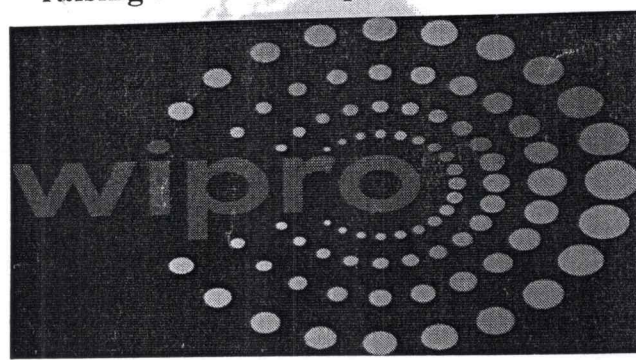#### DBT STAR SPONSOREDDEPARTMENT

IT

News World

Date:17/08/2022

Class: II-B.Sc CS-B

India's fourth largest software firm plans to offers employees promotion and raising salaries in September 2022

Wipro is expected to roll out the hikes in September, and there are large-scale promotions to be rolled out in July. The company has decided to offer quarterly promotions to top performers, who are not in the leadership team," said a company executive aware of the development in an interview with Livemint. A spokesperson for the company also confirmed the plan and added that the rolling out of several promotions for employees will begin in July.IT giant recorded attrition of 23.8 per cent in the March quarter and the company is slated to announce results for the first fiscal quarter on July 19. The early announcement of promotions is yet another step that Wipro will take to hold onto its employees. Those receiving quarterly promotions are likely to   see a bigger jump in their salaries, said an executive. Wipro is expected to roll out the hikes in September, and there are large-scale promotions to be rolled out in July. The company has decided to offer quarterly promotions to top performers, who are not in the leadership team," said a company executive aware of the development in an interview with Livemint.

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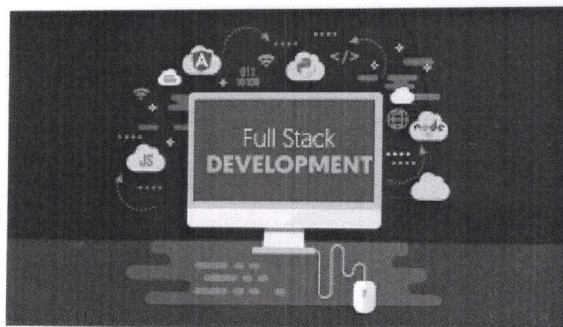DBT STAR SPONSORED DEPARTMENT

I T
News World

Class: I B.SC CS 'A'

Date:17/08/2022

Deciding on a development stack

A development stack is an integral resource for any software developer, and it's no different for Web3. A development stack is a plethora of tools that developers use to bring their projects to life. A Web3 stack is typically composed of a Web3 library, smart contracts, nodes, and wallets. Additionally, developers can utilize a purpose-built development stack like radix to avoid having to find and curate a stack themselves. DLT is known to create an environment that fosters transparency and traceability, while also increasing the speed of transactions (or in this case, Web searches) and keeping costs low.

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17/08/22

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IT

News World

CLASS: II BSC (CS) A

DATE: 17/08/2022

Zoom expands end-to-end encryption for Phone and breakout rooms.
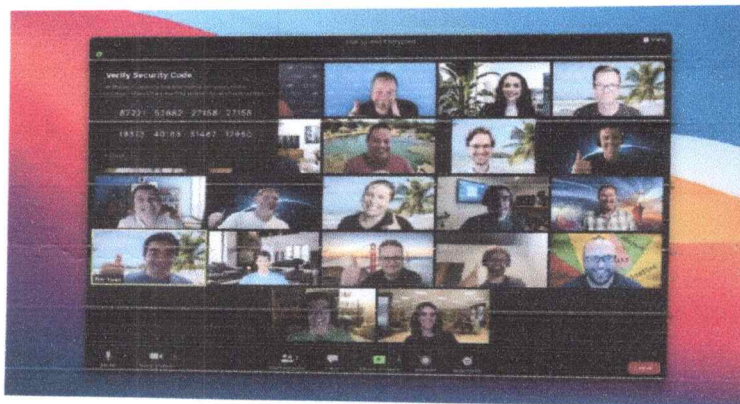
The popular videoconferencing software is adding enhanced encryption to its phone service and individual breakout rooms. Zoom has announced it is expanding end-to-end encryption (E2EE) capabilities to Zoom Phone, with breakout rooms to be given the same level of encryption in the near future.Zoom Phone customers now have the option to upgrade to E2EE during one-on-one Zoom Phone calls between users on the same Zoom account that occur via the Zoom client.Users will also have the option to verify E2EE status by providing a unique security code to one another.

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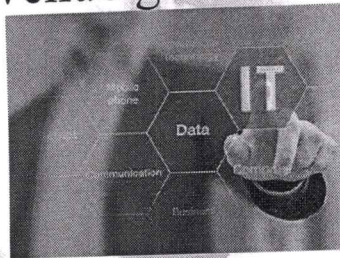#### DBT STAR SPONSOREDDEPARTMENT

IT

News World

Date: 17/08/22

Class: III-B Sc CS-A

IT firms' revenue growth to fall sharply

The information technology services sector will see a sharp fall in revenue growth to 12-13 per cent in FY23 from 19 per cent in FY22, ratings agency Crisil said on Thursday. However, the current depreciation in the rupee, strong demand for new age technologies like artificial intelligence, cloud computing and Internet of Things will help the over USD 220-billion sector maintain a double digit growth, it said in a report.

The moderation from 19 per cent to 12-13 per cent will be the highest in the last eight years, it said and attributed the decline to expected tightening of IT expenditure .

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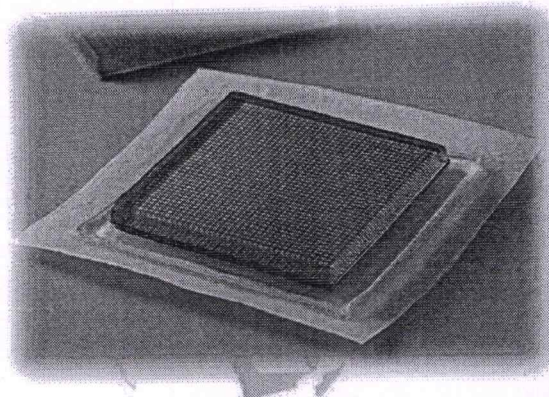#### DBT STAR-SPONSORED DEPARTMENT

IT

News World

Date: 18 / 08 / 2022

Class: III - B.Sc CS- B

Engineers develop stickers that can see inside the body

Ultrasound imaging is a safe and noninvasive window into the body's workings, providing clinicians with live images of a patient's internal organs. To capture these images, trained technicians manipulate ultrasound wands and probes to direct sound waves into the body. These waves reflect back out to produce high-resolution images of a patient's heart, lungs, and other deep organs.

Currently, ultrasound imaging requires bulky and specialized equipment available only in hospitals and doctor's offices. But a new design by MIT engineers might make the technology as wearable and accessible as buying Band-Aids at the pharmacy.

In a paper appearing today in *Science*, the engineers present the design for a new ultrasound sticker—a stamp-sized device that sticks to the skin and can provide continuous ultrasound imaging of internal organs for 48 hours. The researchers applied the stickers to volunteers and showed the devices produced live, high-resolution images of major blood vessels and deeper organs such as the heart, lungs, and stomach. The stickers maintained a strong adhesion and captured changes in underlying organs as volunteers performed various activities, including sitting, standing, jogging, and biking.

18|08|22

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News World

THE BORING COMPANY

The Boring Company (TBC)is an American infrastructure and tunnel construction services company founded by Elon Musk. Its ongoing and proposed projects are designed for intra-city ("loop") transit systems.While the Boring Company unveiled its first tunnel in late 2018 inCalifornia, this is the first Loop that is fully operational and open to the public (although passengers need to be attending a convention at the LVCC to be able to ride).TBC has completed two tunnels in Las Vegas for loop travel

18/08/22

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News World

Class: IBsc(cs)-B

Date:18/08/2022

INDIA CONSIDERING BANNING CHINESE FIRMS FROM SELLING SMARTPHONES UNDER $12,000: REPORTS

The Indian government is reportedly considering banning Chinese smart phone makes from selling devices cheaper than $12,000. The move is reportedly aimed at giving a boost to homegrown brands. As per a report, smart phone under $12,000 contributed to a third of India's sales volume for this financial year's second quarter, with Chinese firms accounting for around 80% of those shipments.

SOFTBANK PLANNING JOB CUTS AT VISION FUND AFTER RECORD NET LOSS: CEO

Soft Bank CEO Masayoshi Son said the firm is planning to cut headcount at its Vision Fund investing arm after the conglomerate reported a record quarterly net loss. Vision Fund reported a $23.1 billion loss in the April-June quarter. It had approved just $600 million in new investments in the first quarter against $20.6 billion in the same quarter last year.

18/08/22

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News World

Class: I B.SC CS 'A'

Date: 18 /08/2022

YouTube Plans to Launch Online Store for Streaming Video Services:

Alphabet's YouTube is planning to launch an online store for streaming video services, the Wall Street Journal reported on Friday.The company has renewed talks with entertainment companies about participating in the platform, which it is referring to internally as a "channel store", the report said, citing people close to the recent discussions.

The platform has been in the works for at least 18 months and could be available as early as this fall, the report added.

▶ YouTube

18/08/22

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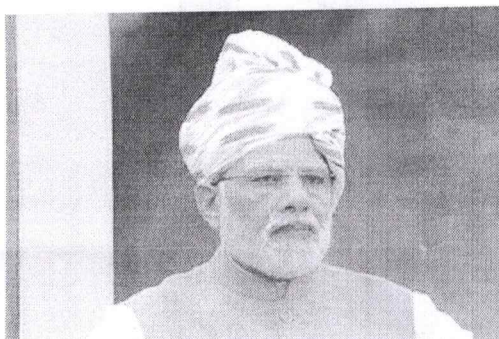
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IT

News W⬤rld

Date:18/08/2022

Class: II-B.Sc CS-B

The Wait For 5G is Over; Digital India Will Reach Every Village Now: PM Modi

Prime Minister Narendra Modi while addressing the nation from Red Fort in New Delhi as India completed its 75th year of Independence mentioned that the "wait for 5G is over, digital India will now reach every village". He also said that with the digital India push, we are now seeing digital entrepreneurs from villages. "Today, we are seeing the Digital India initiative, startups grow in the country, and a lot of talent is coming from Tier 2 & 3 cities. We have to believe in our abilities," said PM Modi. He further said, "In coming years, we've to focus on 'Panchpran'- First, to move forward with bigger resolves & resolve of developed India; Second, erase all traces of servitude; Third, be proud of our legacy; Fourth, strength of unity & Fifth, duties of citizens which includes the PM and CMs." Talking about the growth mindset of India, PM Modi said, "India is an aspirational society where changes are being powered by a collective spirit.

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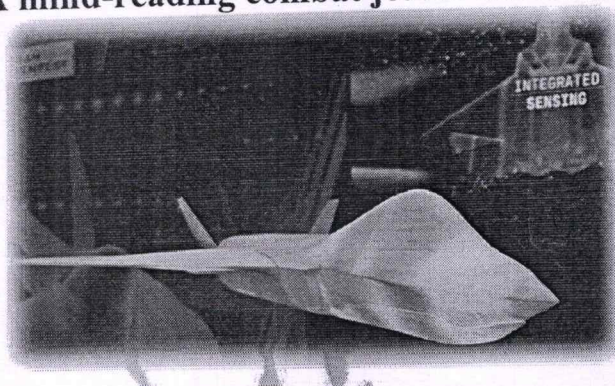#### DBT STAR-SPONSORED DEPARTMENT

IT News World

Date: 22 / 08 / 2022

Class: III - B.Sc CS- B

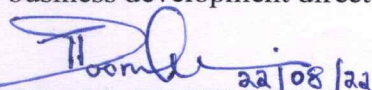## A mind-reading combat jet for the future

During World War II, Spitfire pilots described their plane as so responsive it felt like an extension of their limbs. Fighter pilots of the 2030s, however, will have an even closer relationship with their fighter jets. It will read their minds. The Tempest jet is being developed by the UK's BAE Systems, Rolls-Royce, European missiles group, MBDA, and Italy's Leonardo. One feature will be an artificial intelligence (AI) tool to assist the human pilot when they are overwhelmed, or under extreme stress.

Sensors in the pilot's helmet will monitor brain signals and other medical data. So, over successive flights, the AI will amass a huge biometric and psychometric information database. This library of the pilot's unique characteristics means the onboard AI will be able to step in and assist if the sensors indicate they may need help. For example, the AI could take over if the pilot loses consciousness due to high gravity forces. At the Farnborough Air Show, BAE Systems said that by 2027 it will be flying a demonstrator jet from its Warton plant in Lancashire that will test some of these technologies. This aircraft will be a test-bed for a host of different digital capabilities - among 60 different demonstration projects, some of which will be entirely software-based.

The appearance of the Tempest aircraft has matured since early images were first released of it in 2018. Among other things, Its weight has been reduced and its outline slimmed down. When it eventually takes to the skies, the Tempest will likely be routinely flanked by un-crewed combat drones, described as 'adjuncts' by the Tempest consortium. Such advances will require entirely new systems of monitoring and control to be built from scratch.

"We have to deal with the pace of change in technology," says John Stocker, Tempest's business development director.

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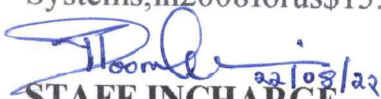
Class: II B.SC CS 'A'

Date:22/08/2022

News World

IT networking hardware and storage market segments, HP has made acquisitions worth over US$15 billion, the largest one being 3PAR and 3COM acquisitions made in 2010, totaling over $5 billion. The most recent acquisition in the enterprise networking segment is Aruba Networks in March 2015 for US$3 billion. On the IT services and consulting side, the largest acquisition made so far is Electronic Data Systems, in2008forus$13.9billion.

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IT

News World

Class: IB.SC CS 'A'

Date: 22/08/2022

Airtel pays Rs. 8.3 crore to DoT as advance instalment for recently purchased 5G spectrum :

Telecom operator Bharti Airtel has paid Rs. 8,312.4 crore to the Department of Telecom (DoT) towards dues for spectrum acquired in the recently concluded 5G auctions, the company said on Wednesday.With the payment, Airtel has paid four years of 2022 spectrum dues upfront.

Airtel said it believes that this upfront payment, coupled with the moratorium on spectrum dues and AGR (adjusted gross revenue)-related payments for four years,

airtel

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News World

Digilocker

Date: 22 / 08 / 2022

Class: III - B.Sc CS- B

We carry important documents such as Aadhaar cards, driving licenses and PAN cards in our wallets. We carry them if need to present documents at any time. It's risky since you could misplace them. It isn't just an inconvenience, your personal information can be at risk, if they fall into the wrong hands. There are apps that let you store digital copies of important documents but they may not always be government-approved. Fortunately for us, DigiLocker is. The app is operated by the Government of India and it lets you store a range of documents such as your school and college mark sheets, passports, ID proofs and many more in digital form. This means, your documents travel with you on your smartphone.

DigiLocker is easy, secure, and free for download for both, Android and iOS devices. You can access documents anytime, anywhere, Documents are issued directly by the registered issuers such as Registrar Office, Income Tax department, CBSE, etc., A range of official certificates and documents are accessible, and Built-in cloud storage space links to your Aadhaar (UIDAI) number, You can share documents online, It's simple and convenient

DigiLocker has a simple interface. The Home section has categories of documents issued by the Central Government, State Government, Education, Banking and Insurance, and other departments. One simply selects the category and enters the required details to issue documents or certificates. The Issued Documents section displays all the documents and certificates issued to you by the Government. The left menu contains two more options – Uploaded Documents and Scan QR Code. The Uploaded Documents displays all the important documents you want to keep a record in the DigiLocker. You can also manually create folders to upload documents for easy access.

22/08/22

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DBT STAR COLLEGE SCHEME

NEWS CORNER   DATE: 22/08/2022

Muted enterprise demand pushes India PC shipments

The traditional PC market in India, which includes desktops, notebooks, and workstations, fell to 3.7 million units in the April-June quarter as enterprises delayed purchases and college reopening got pushed to July, according to IDC. The notebook category continued to be the volume driver in the quarter, with 2.6 million units sold, though its growth rate declined to 7.3% YoY compared to over 30% YoY on average for the last three quarters. The desktop category managed to cross one million units for a second consecutive quarter.

Growth slows for PC shipments to enterprises

The demand for PCs was rather positive through April, but it slowed in the second half of the quarter, as the reopening of colleges got pushed to Q3 2022, IDC said in a press note. The enterprise segment grew by 14.9%, much lower than the previous three quarters as orders were delayed. Similarly, the small and medium-size business growth rate was lower than in the previous two quarters, and channel inventory increased considerably as demand tapered.

HP led the overall PC market in India by shipping over 1.15 million units during Q2 2022 and continued to lead the overall PC market with a share of 30.8%. While government deals helped its commercial desktop performance, some backlogged enterprise orders helped it perform strongly in the commercial notebook category, IDC noted.

Dell Technologies led the market in the commercial segment during the quarter with 27.1% market share and in the enterprise segment with 39.7% market share in Q2. However, it fell behind HP in overall shipments due to weakness in the consumer business.

Lenovo continued to hold its third position behind Dell in Q2 with a share of 19.6%. The vendor grew an impressive 38.8% YoY in the consumer segment but lost some momentum in the commercial segment due to delayed orders. The vendor still performed well in the small and medium-size business segment, where it grew by 51.8% YoY and was second behind HP, IDC said.

22/08/22

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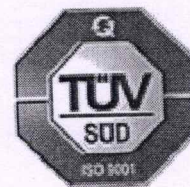Assuring the Best

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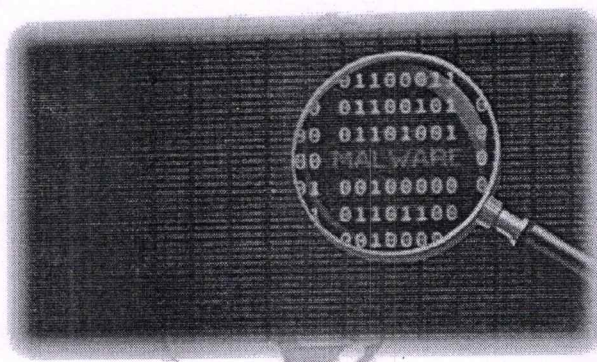#### DBT STAR-SPONSORED DEPARTMENT

News World

Date:23 / 08 / 2022

Class: III - B.Sc CS- B

Malware

From October 2021 until today, the number of macro-powered Office files used to distribute malware drooped by a whopping two-thirds (66%). On the other hand, the use of container files (ISO files, ZIP, RAR files, and similar) rose by approximately 175%. Container files are a great way to avoid antivirus solutions, and if they also come with a password, their perceived legitimacy grows that much bigger. As for shortcut files (.LNK), their use exploded in February 2022, rising by 1,675% since October the year before.

Proofpoint says that ten separate threat actors are now favoring shortcut files to distribute malware, and that includes some of the heavy-hitters like Emotet, Qbot, or IcedID.The icons of the shortcut files can be changed to virtually anything, helping crooks masquerade these files as PDFs or Word documents.

They're also quite potent, as they can execute almost any command for which the victim has permission, including the execution of PowerShell scripts which, in this particular case, the crooks use to get people to download malware from the internet. Proofpoint is also saying there's been a noticeable rise in the use of HTML attachments, as these types of files can also be used to drop malware on target endpoints(opens in a new tab) while avoiding email security systems. Still, HTML attachments have relatively low volume, especially compared to container files and shortcuts. Whether or not that changes in the future remain to be seen.

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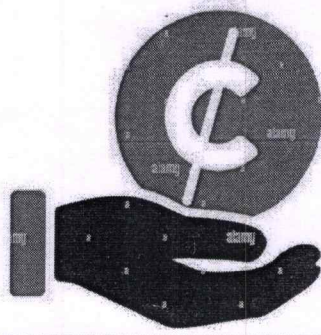DBT STAR SPONSORED DEPARTMENT

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News World

Class: I Bsc CS `A'

Date:23/08/2022

Codugh creates 'CUSD' to token for micropayments in more familiar doller prices :

Codugh,the platform that pays developers real time micropayments for the use of their code, has developed its own version of stablecoin to deal with the price volatility issues.codugh USD ,or CUSD,is a tokenized asset on the BSV blockchain in designed especially for tiny payments. It maintains a steady value of one –hundredth of a U.S, cent ($0.0001)to give codugh's users more price security.

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IT
News World

| Class : I B.Sc CS 'B' |
| Date : 23/08/2022 |

Attribution is not all that bad for the Indian IT industry

Indian IT firms are hiring more freshers to combat higher attrition rates but the result has beenlower utilization levels. While this may seem bad at face value, the flip side is that lower utilization helps contain falling operating margins.

Indian IT service providers are facing a peculiar situation these days. While these attrition rates and travel cost are trending higher unlike the early days of the covid-19 pandemic.

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IT

News World

Date:23/08/2022

Class:II B.sc(cs)"B"

Microsoft weathers the financial storm with 12% revenue growth

Microsoft announced its fourth quarter 2022 results Tuesday, posting revenue of $52 billion, up 12% year-on-year. However, the company's net income was relatively flat at $16.7 billion, at a much more modest increase of just 2%.In a call with analysts, Microsoft chief financial officer, Amy Hood, said unfavorable foreign exchange rate movement within the quarter negatively impacted revenue and diluted earnings per share, while extended production shutdowns in China and a deteriorating PC market had contributed to a negative Windows OEM revenue impact of more than $300 million.The scaling down of Microsoft's operations in Russia also led to the company recording operating expenses of $126 million related to bad debt expense, asset impairments, and severance.Microsoft's cloud business continued to go from strength to strength however, surpassing $25 billion for the first time in a quarter and growing at 28% year-on-year.

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IT
News World

Class: II B.SC CS 'A'

Date: 23/08/2022

AI Adoption Expands Across Enterprises States Juniper

Juniper Networks announced the findings of a global research project that shows an increase in enterprise artificial intelligence adoption over the last 12 months is yielding tangible benefits to organizations. However, a shortage of human talent still exists and governance policies continue to lack in maturity – both of which are needed to responsibly manage AI's growth when considering privacy issues, regulation, compliance, hacking and AI terrorism. Juniper partnered with Wakefield Research to conduct a survey of 700 senior IT leaders around the world with direct involvement in their organization's AI adoption and/or machine learning (ML) plans or deployments

23/08/22

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IT

News World

CLASS: II BSC (CS) A

DATE: 25/08/2022
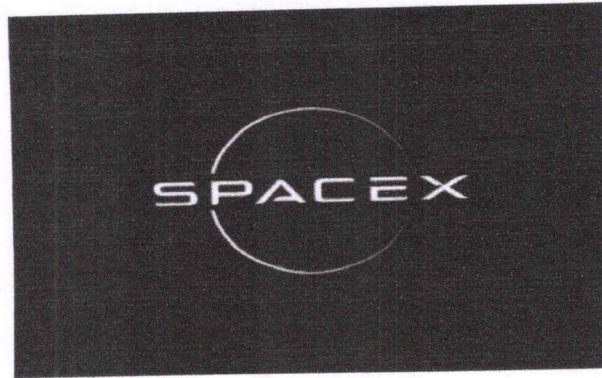
Space Exploration Technologies Corp. Is an American aerospace manufacturer, a provider of space transportation services, and a communications corporation headquartered in Hawthorne, California.

Founder: Elon Musk

Founded: 14 March 2002

Headquarters: Hawthorne,California, UniteStates

Number of employees: >9,500 (February 2021)

Subsidiary: Swarm Technologies.

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News World

Class: I B.SC CS 'A'

Date: 25/08/2022

Celsius gets clearance from court to sell newly mined bitcoin despite DOJ objection :

A New York judge has allowed crypto lender Celsius Network to mine and sell Bitcoin during its bankruptcy despite opposition from unsecured creditors. The troubled lender, which revealed on Monday that it was running low on money, also disclosed that it received several proposals for cash injection without naming parties they'd received such proposals from. Lawyers representing the exchange also claim that Celsius aims to invest in increasing its crypto mining operation as a way to expand itself out of trouble.
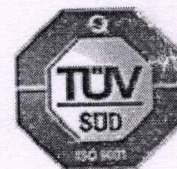

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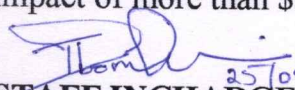**KONGU**
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News World

Class: II B.SC CS 'A'

Date:25/08/2022

Microsoft weathers the financial storm with 12% revenue growth

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News World

Class: IBsc(cs)-B

Date:25/08/2022

1,900 SIGNAL USERS' PHONE NUMBDRS EXPOSED IN TWILIO HACK

End-to-end encrypted messaging platform signal has said that phone numbers and SMS verification codes of 1,900 users may have been reveled in a phishing attack on twilio Inc, earlier this month. However, it said message history, profile information and contact lists were not revealed. Twilio disclosed the phishing attack on August 7 through a blogpost.

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News World

Class: II B.SC CS 'A'

Date: 30/08/2022

Hong Kong University of Science and Technology

The Hong Kong University of Science and Technology (HKUST) has announced plans to launch digital replicas of the institution's two campuses via a metaverse platformThe platform named MetaHKUST is set to open in September, according to a press release. It will be the first of its kind in the world and will use extended reality (XR) technology to provide an immersive study experience that will connect student and research activities across geographical locations, the release added.

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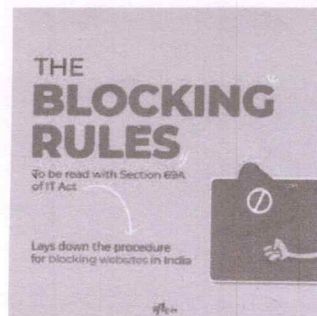
IT
News World

Class: I B.sc CS 'A'

Date: 30|08|22

Govt issued 105 blocking orders to social media firm under new IT rules

The government has issued 105 directions to social media platforms under the new IT rules that came into effect in February last year, parliament was informed on Friday. According to information shared by minister of state for electronics and IT Rajeev chandrasekhar in a written reply to rajya sabha, the directions were issued by the ministery of information and boardcasting under the new rules.

THE
BLOCKING RULES
To be read with Section 69A of IT Act

Lays down the procedure for blocking websites in India

30/08/22

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News World

Class: I B.SC CS -'B'

Date: 30/8/2022

After Wipro chief Rishad Premji, TCS COO N Ganapathy Subramaniam calls moonlighting an ethical issue

Wipro CEO Rishad Premji has strongly voiced his opinion against the concept of moonlighting and TCS COO N Ganapathy Subramaniam has also joined the troops against moonlighting. Moonlighting is becoming a major issue in tech companies. While some tech companies like Swiggy are in favour of moonlighting— the policy which allows employees to take up alternative jobs apart from their primary job. Wipro CEO Rishad Premji has strongly voiced his opinion against the concept of moonlighting and TCS COO N Ganapathy Subramaniam has also joined the troops against moonlighting. He has called it an ethical issue. Subramaniam believes that the IT sector will be at the receiving end if it permits policies like moonlighting.

30/08/22

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IT

News World

Date:30/08/2022

Class:II B.sc(cs) "B"

Meta's Facebook agrees to settle data privacy lawsuit

The four-year-old lawsuit alleged that Facebook violated consumer privacy laws by sharing personal data of users with third parties such as the now-defunct British political consultancy Cambridge Analytica. "Meta Platforms Inc's Facebook has in-principle agreed to settle a lawsuit in the San Francisco federal court seeking damages for letting third parties including Cambridge Analytica access the private data of users, a court filing showed.The financial terms were not disclosed in the filing on Friday that asked the judge to put the class action on hold for 60 days until the lawyers for both plaintiffs and Facebook finalize a written settlement.The four-year-old lawsuit alleged that Facebook violated consumer privacy laws by sharing personal data of users with third parties such as the now-defunct British political consultancy Cambridge Analytica."

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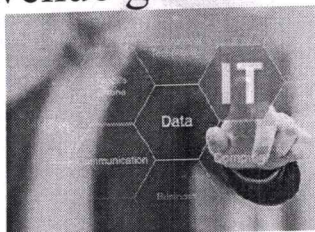#### DBT STAR SPONSOREDDEPARTMENT

IT

News World

Date: 30/08/22

Class: III-B Sc CS-A

IT firms' revenue growth to fall sharply

The information technology services sector will see a sharp fall in revenue growth to 12-13 per cent in FY23 from 19 per cent in FY22, ratings agency Crisil said on Thursday. However, the current depreciation in the rupee, strong demand for new age technologies like artificial intelligence, cloud computing and Internet of Things will help the over USD 220-billion sector maintain a double digit growth, it said in a report.

The moderation from 19 per cent to 12-13 per cent will be the highest in the last eight years, it said and attributed the decline to expected tightening of IT expenditure .

30/08/22

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