



# KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)



DEPARTMENT OF COMPUTER SCIENCE (UG)  
DBT STAR SPONSORED DEPARTMENT



*News World*

Class: I B.Sc CS-A

Date: 1.8.24

## HP launches OmniBook X, EliteBook Ultra Copilot+ PCs in India

The new computers come with a Qualcomm Snapdragon X Elite processor and a dedicated Qualcomm Hexagon Neural Processing Unit (NPU), capable of performing 45 trillion operations per second (TOPS) to run language models and generative AI locally on the device.

They also come with a dedicated Copilot button on the keyboard. It triggers ChatGPT-powered Copilot assistant to help users with tasks such as developing a presentation and editing to make fun family videos on the computer. Other key aspects of the new HP laptops include HP AI Companion, Copilot and Poly Camera Pro.

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Class: 1 Bsc cs-'B'

Date: 1.8.24

**WazirX faces flak over handling of \$230-million crypto heist**

**Synopsis**

**Cryptocurrency platform WazirX suffered the biggest cyberattack on an Indian exchange, with hackers stealing more than \$230 million worth of investor holdings, or nearly half of the platform's estimated reserves. Blockchain experts indicated possible involvement of the cybercriminal group Lazarus behind the attack. But the exchange is now facing backlash online.**

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*News World*

Class: Bsc Cs with Da

Date: 1.8.24

**Apple reduces iPhone prices in India by up to ₹6,000 after govt's  
import duty cut.**

The price of entry-level iPhone Pro Max with 256 GB storage has come down about 10% to ₹1,54,000 per unit from ₹1,59,900. The Made-in-India iPhones, including 13, 14 and 15, have also seen a decrease in prices by ₹300.

Apple has slashed iPhone prices in India in the range of ₹300-6,000 after the government reduced import duty on mobile phones.

According to the rate list issued by Apple, the imported iPhone Pro model will now cost ₹5,100-6,000 less.

Apple was earlier selling iPhone 15 Pro and iPhone 15 Pro Max at a starting price of ₹1,34,900 and ₹1,59,900 each.

The iPhone Pro model with 128 GB storage will now cost Indian buyers ₹1,29,800, which in percentage terms is a reduction of 3.7%.

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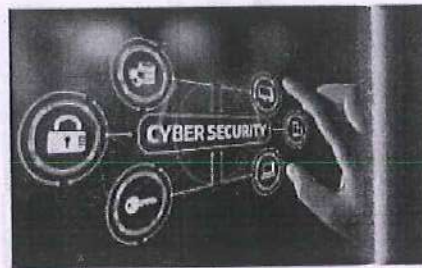
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Class: II-BSC-CS (B)

Date: 1.8.24

Advancements in Cybersecurity:



Recent advancements in cybersecurity are making the digital world safer. With the rise in cyber threats, companies are developing sophisticated tools to protect sensitive data. Innovations include AI-driven threat detection systems and blockchain-based security solutions. These technologies aim to prevent data breaches and enhance user privacy. Cybersecurity firms are also focusing on providing comprehensive training programs to equip individuals and organizations with the knowledge to defend against cyber attacks.

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*News World*

Class: II - BSC CS with DA

Date: 1.8.24

**Crowd Strike CEO 97% of Windows sensors hit by outage back up**

Crowd Strike CEO George Kutz shared that more than 97% of Windows sensors are back online on Thursday almost a week after a security update with a bug pushed by the cybersecurity company led to a global outage. The bug reportedly led to systems all over running on Windows operating system to crash and display the blue screen of death error. The firm said that their Falcon platform sensor was a security agent installed on devices such as laptops and desktops. Falcon was supposed to protect these systems from threats. On Saturday, Microsoft said that around 8.5 million devices had been impacted due to the outage across sectors like banking, aviation, with losses still piling up. An insurance company estimated the cumulative bill to be around \$5.4 billion for Fortune 500 companies. Crowd Strike will likely be investigated further about the incident. Kurtz has been summoned by Congress lawmakers to testify about it.

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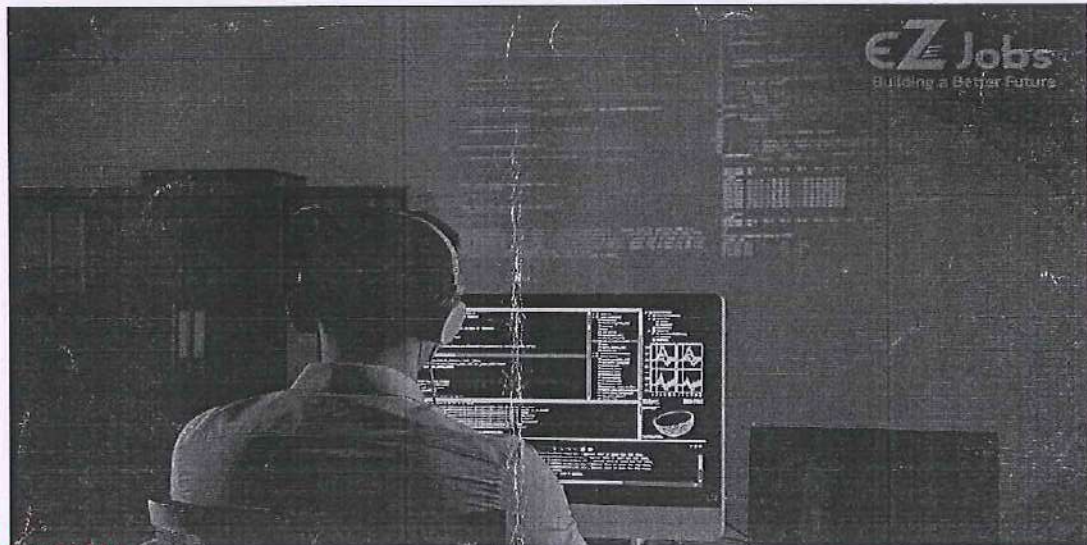
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Class: III BSC CS-A

Date: 04/08/2024

- The industry is expected to grow at a compound annual growth rate (CAGR) of 10.3% from FY 2021 to FY 2025, reaching \$350 billion by FY 2025.
- IT services provider Accenture cut its fiscal-year 2024 revenue forecast on Thursday, as an uncertain economy prompts clients to curtail spending on its consulting services, sending its shares down around 5.6 per cent in premarket trading.
- Accenture now expects full-year revenue growth in the range of 1per cent to 3per cent, from its prior forecast of 2 per cent to 5 per cent. The firm has been grappling with sluggish demand for its IT and consulting services as high-interest rates slam the brakes on an industry that benefited from breakneck growth during the pandemic.



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Class: III BSC CS WITH DA

Date: 1.8.24

**Embedded Analytics Made Easy: Go From Concept to Launch:**

Sigma Computing is excited to announce the release of its on demand webinar, "Embedded Analytics Made Easy: Go From Concept to Launch in 10 Days," a comprehensive guide to revolutionizing your data strategy and delivering actionable insights with unprecedented speed.

This webinar promises to equip organizations with the practical knowledge and strategies to harness the modern data stack, integrate advanced data security, and create highly interactive user experiences.

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# KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)



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Class: 1Bsc (cs) - A

Date: 2.8.24

## Source of IT's pain decoded: why clients are pulling back outsourced work in-house

The addressable market for third-party IT services companies is under pressure as more organisations pull their outsourced technology work back in-house. Some of the top Indian software exporters, such as Tata Consultancy Services (TCS), HCLTech, and Cognizant, along with multinationals like Atos, have lost business recently

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*News World*

Class: 1<sup>ST</sup> B.SC(CS)-B

Date: 2.8.24

**IT NEWS ABOUT JSW**

JSW Steel's Q1 net profit falls 64% due to rising steel imports.

JSW Green Mobility to manufacture electric/hybrid cars in Maharashtra with ₹27,200 crore investment.

JSW Energy's ₹25,000 crore lithium battery project to come up in Nagpur.

JSW Steel aims to expand production capacity to 50 million tonnes per annum by FY31.

JSW Steel's Q1 crude steel production reaches 6.35 million tonnes.

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Class BSC CS(DA)-I

Date: 2/8/24

OPEN AI UNVEILS SEARCHGPT, A NEW AI SEARCH  
ENGINE POWERED BY GPT-4 :

Speculations have been laid true, as OpenAI is now officially entering the competitive search market with the introduction of SearchGPT, an AI-powered search engine running on its powerful GPT-4 LLM. The launch of SearchGPT positions OpenAI in direct competition with established search engines like Google and Bing.

SearchGPT is designed with a user-friendly interface that begins with a large text box asking, "What are you looking for?" Unlike traditional search engines that return a simple list of links, SearchGPT goes a step further by summarizing and organizing search results. For example, when asked about music festivals, SearchGPT not only lists events but also provides concise descriptions of each festival, followed by attribution links.

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Class: II-B.SC.CS-A

Date: 08/08/24

VIRTUAL REALITY



Virtual Reality or VR is a digitally created 3D environment which is designed to deliver a simulated immersive experience. Users will be able to navigate, perform actions and tasks in this virtual environment. A head mounted device also called as a VR headset is necessary to experience this virtual reality. This device encloses the user's eyes and disconnects them from the real world. This completely immerses them in the virtual environment allowing the user to experience virtual reality. Virtual Reality can provide entertainment, education, training or any type of benefit desired in a specially designed environment. This environment could be an operation theatre, a factory shop floor, an oil platform, compressor deck, pumping station, an engineering lab etc. VR training is more effective than conventional training approaches and helps create a more confident workforce. VR provides simulation solutions that can be used to train personnel in operations, maintenance, safety, emergency response, customer service etc..

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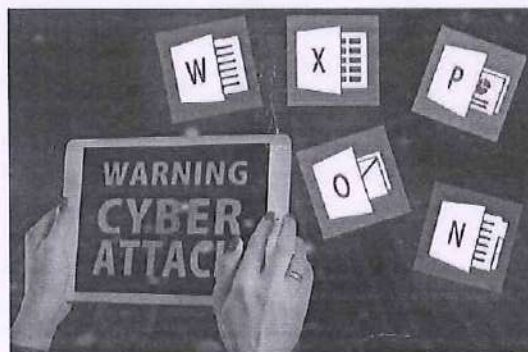
News World

Class : III BSc CS A

Date: 2.8.24

### Microsoft Office Vulnerabilities Used to Attack African Users

Russia-based internet cybersecurity firm Kaspersky says that the number of exploits for vulnerabilities in the Microsoft Office suite increased globally compared to Q1 2022. In Q2 2022 these exploits accounted for 82% of the total number of exploits across different platforms. The Microsoft Office application then downloads and executes a malicious script. To be on the safe side, it is vital to install the vendor's patch, use security solutions capable of detecting vulnerability exploitation, and to keep employees aware of modern cyber threats. Internet Explorer is part of Microsoft operating systems, as some software on Windows relies on its engine for working with online content – for instance, components of Microsoft Office.



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*News World*

Class: H-B.SC CS-'A'

Date: 5.8.24



The government accused Infosys of evading taxes and sought Rs 32,000 crore (\$3.8 billion), or almost all its revenue for the quarter ended June 30. In the last year, India's goods and services tax department has sent more than 1,000 notices to companies, including Life Insurance Corporation of India, Dr Reddy's Laboratories and Ultratech Cement.

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*News World*

Class: II B.SC (CS) B

Date: 5.8.24

**Making India an AI first nation—from classrooms to boardrooms:**

As technology advances, the governance of AI must evolve accordingly. In alignment with the 'India AI Mission' and 'Viksit Bharat 2047', it is essential for the public and private sectors to collaborate in democratising access to AI skills.

Empowering communities at the grassroots level with AI fluency can drive innovation on a large scale, ensuring that the benefits of AI are widely accessible and impactful.

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News World

Class: II B.Sc (CS&DA)

Date: 5.8.24

## Infosys cuts average bonus to 60% for Q4



The average pay-out, according to several employees, has dropped to 60% for the final quarter of fiscal 2024. It had announced a variable bonus pay-out of 73% for the October-December period, 80% for the quarter through September and 75% for the first quarter of the fiscal year. Employees at PL 4, 5 and 6 will get an average of 70%, 65% and 57%, respectively, separate communications sent to select employees said. Only in exceptional cases has the company handed a bonus between 75% and 85%.

Infosys has informed employees about the final pay-outs through individual mails and the payment will happen along with the May salary, people in the know said.

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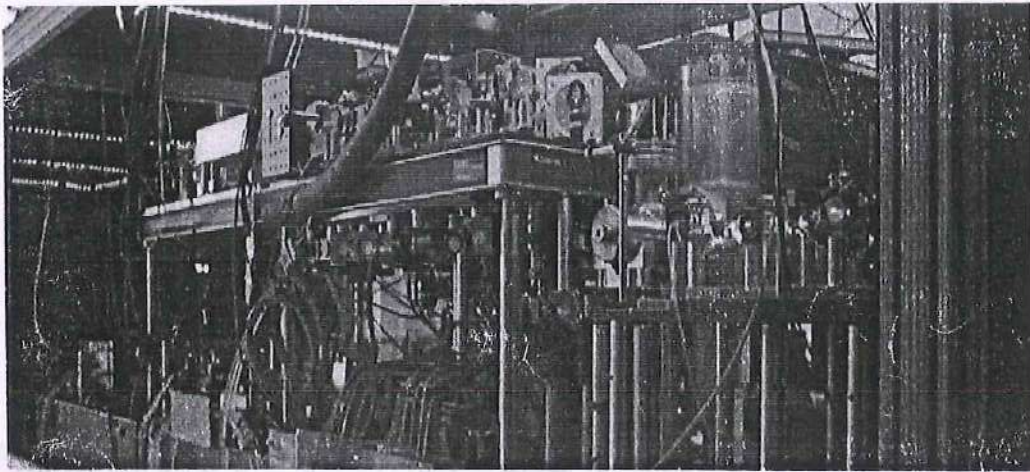


News World

Date: 05/08/2024

Class:III-B.Sc(CS)-A

## Quantum computers can now interface with power grid equipment



Atom Computing's quantum computing solution stack has been interfaced with power research equipment at the National Renewable Energy Laboratory. The interface is open source and vendor neutral, allowing other researchers to pursue their own quantum-supported studies. Credit: Atom Computing With its head-spinning size and connections, the power system is so complex that even supercomputers struggle to efficiently solve certain optimization problems. But quantum computers might fare better, and now researchers can explore that prospect thanks to a software interface between quantum computers and grid equipment.

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*News World*

Class: III BSC CS with DA

Date: 5.8.24

## Infosys McCamish facing fourth class action suit over 2023 data breach

Another class action complaint was filed against Infosys McCamish Systems LLC (IMS) this month in the US District Court for the Northern District of Georgia; the company disclosed in a filing with US Securities and Exchange Commission on Wednesday night.

This is the fourth class action complaint filed against the IT major's US subsidiary since the cyber security incident on November, 2023, that exposed approximately 6.5 million individuals' information to unauthorised access.

"On July 8, 2024, another class action complaint arising out of the same incident was filed in the same court against McCamish. The complaint was purportedly filed on behalf of all individuals residing in the United States whose private information was accessed and/or acquired by an unauthorized party as a result of the incident," Infosys said in the filing.

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Class: I BSC CS A

Date: 6.08.24

## Startups share how they are turning the gears with GenAI

The application of AI is not limited to just customer-facing chatbots and it is also being used for behind-the-scenes applications in areas such as personalised recommendations, marketing, summarization and content generation. In a global perspective, however, Indian startups have not been pioneers, unlike, say, Swedish unicorn Klarna, which used the technology to replace 700 human agents, said Rohit Pandharkar, AI partner, EY.

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## DEPARTMENT OF COMPUTER SCIENCE (UG) DBT STAR SPONSORED DEPARTMENT



News World

Class: I-B.sc(cs)-B

Date: 6.08.24

### Open AI's internal AI details stolen in 2023 breach:Reports

Open AI executives informed both employees at an all hands meeting in April 'lest year and the company 's board about the breach, according to the report but executive decided not to Shara the newe publicly as no information about customer or partners had been stolen a hacker gained access to the internet messaging systems at open AI's lest year and stole datails about the design of the company 's artificial intelligence technology the new yark timas repoted onThursdays the hacker lifted details from discussions in an online forum where employees talked about open AI's lastest technologies the report said cifying two people familiar with the incident

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*News World*

Class: I BSC CA & DA

Date: 6.08.24

Google hires top talent from startup Character.AI, signs licensing deal

In a significant move for the tech industry, Google has acquired top talent from the innovative startup Character.AI, known for its advancements in artificial intelligence and conversational agents. This strategic hire underscores Google's commitment to enhancing its AI capabilities, bringing in experts who have been at the forefront of developing sophisticated, human-like AI interactions. Alongside the talent acquisition, Google has also secured a licensing deal with Character.AI, which is expected to bolster its AI research and development efforts. This partnership promises to accelerate Google's progress in creating more advanced and intuitive AI technologies, positioning the company to lead in the rapidly evolving field of artificial intelligence.

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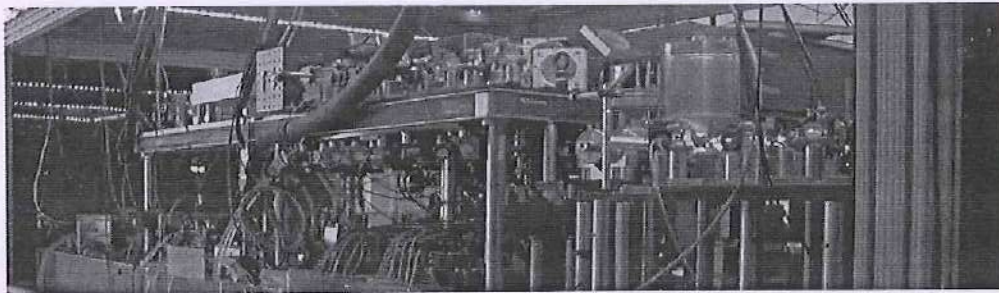


News World

Class: II B.SC (CS)-A

Date 6.08.24

## Quantum computers can now interface with power grid equipment



Atom Computing's quantum computing solution stack has been interfaced with power research equipment at the National Renewable Energy Laboratory. The interface is open source and vendor neutral, allowing other researchers to pursue their own quantum-supported studies. Credit: Atom Computing  
With its head-spinning size and connections, the power system is so complex that even supercomputers struggle to efficiently solve certain optimization problems. But quantum computers might fare better, and now researchers can explore that prospect thanks to a software interface between quantum computers and grid equipment.

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Class: || B.sc (cs) -B

Date: 6.8.24

## Communication network

IT systems play a vital role in facilitating efficient data management, enhancing communication networks, and supporting organizational processes across various industries. Successful IT projects require meticulous planning, seamless integration, and ongoing maintenance to ensure optimal functionality and alignment with organizational objectives.

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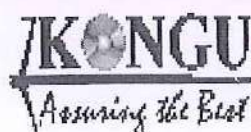
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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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*News World*

Class: II-B.Sc. CS with DA

Date: 06.08.24

**Prompt engineers wanted: tech companies hunt for people who  
speak the AI language**

Top technology companies, including Accenture, IBM and the Tata Group, are among those hiring artificial intelligence specialists in the thousands as they integrate the sunrise technology with their core functions, creating demand for a new category of workers termed as prompt engineers, talent and recruitment firms told ET. In the last six months alone, 18,000-22,000 new roles were created in the segment according to hiring firm TeamLease. Typically, college graduates with basic English language proficiency are bagging entry level jobs, while engineers with AI and machine learning certification can demand compensation of around Rs 20 lakh annually, recruiters said. At the entry level, prompt engineers could be paid around Rs 4 lakh per annum, they added

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## DEPARTMENT OF COMPUTER SCIENCE (UG) DBT STAR SPONSORED DEPARTMENT



Class: III – B.Sc CS - A

Date: 06.08.2024.

### New Meta AI Update



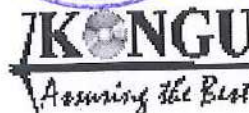
One of the most notable features introduced with this new update is “Imagine Edit,” which allows users to modify images directly within WhatsApp using Meta AI. By simply typing “imagine” and providing a detailed description of the desired changes, users can add, remove, or animate elements within an image, personalizing visuals to their liking. Initially launched in English, Meta plans to extend this feature to additional languages soon.

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*News World*

Class: III B.Sc CS – 'B'

Date: 6.08.24

**WATCH: NEURA'S 4NE-1 HUMANOID ROBOT CAN IRON YOUR  
CLOTHES PERFECTLY**

The race to create a humanoid that can be perfect assistants to humans is intensifying. A new video from German robotics manufacturer Neura shows a robot called 4NE-1 performing various day today chores. The humanoid is shown to move boxes quite efficiently, deftly ironing clothes chopping vegetables, and sorting objects. The German startup is reportedly collaborating with Nvidia to build some of the first 'cognitive robots' that are capable of performing multiple tasks. Incidentally, the video dropped at a time when Nvidia had been demonstrating a series of tools for humanoid robots at the Siggraph conference.



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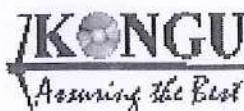
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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: III BSC CS WITH DA

Date: 6.08.24

**The Copilot+ PCs Arrive: My Initial Impressions**

I've received my first two Copilot+ PCs to review, and both are impressive products. I got a gorgeous HP EliteBook Ultra 14 and the Microsoft Surface Laptop, 7th Edition, both of which have just started shipping.

While these are nearly identical in size and weight, the HP EliteBook targets enterprise buyers and offers features like Wolf Security, which this user class highly values. Microsoft targets the Surface Laptop at people who would otherwise buy Apple.

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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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News World

I BSc (CS) - A

Class:

Date: 7.8.24

Meta the tech company behind Facebook, WhatsApp, Instagram is exploring a project that couldn't change how we interact with digital assistants. Imagine asking your visual assistant about the weather and hearing the voice of Demi Lovato or getting a humorous traffic update from comedian Keegan-Michael Key. This innovative idea is part of Meta's ongoing efforts to enhance its AI capabilities. It indicates that the technology has advanced in India nowadays.

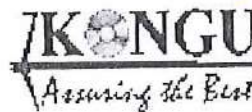
*S. S. Devipriya*  
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

*V. Nilanjana*





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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
DBT STAR SPONSORED DEPARTMENT



Class: I- BSC.CS 'B'

Date: 7.8.24

**Latest news about TCS**

TCS sets 'conditions' for pay hikes and promotion for its employees. Details inside  
The directive has specified that employees must adhere to their designated offices, rather than opting for locations closer to their residences.

TCS promotion: Hikes and promotions at TCS, India's largest IT firm, will now be reportedly linked to the firm's recent return-to-office mandate.

The company has also linked variable payouts with this policy. The rule is also applicable to freshers, who have completed assigned courses and are eligible for higher salaries beyond the

Standard annual compensation of Rs 3 lakh.

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**V.Bharath prasath**

*P.M*  
*2/8/24*





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News World

Class: I BSC .CS&DA

Date: 7.8.24

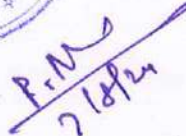
### Sonata software has set a Target to achieve

The company surpassed \$1 billion in consolidated revenue in the last fiscal year <sup>1</sup>. Sonata Software expects to add \$500 million to the revenue in three-four years <sup>1</sup>. The company has a long-term goal to achieve \$1.5 billion in revenue by fiscal year 2027 <sup>1</sup>. Sonata Software is focusing on growing faster than the industry average, with a growth rate of around 5-7% <sup>1</sup>.

  
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7/8/24

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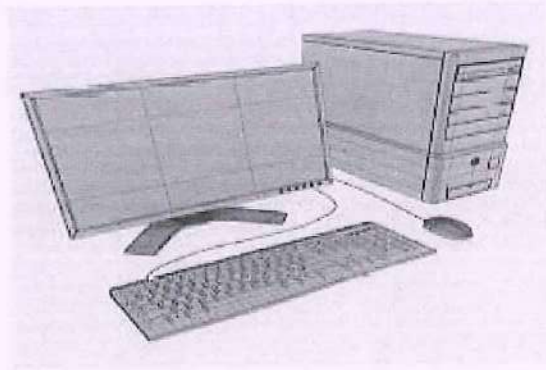
N.H Raga chandrika



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Class: ||-B.Sc CS-'B'

Date: 07.8.24

TCS Promotion: Hikes and promotions at TCS, India's largest IT firm, will now be reportedly linked to the firm's recent return-to-office mandate. The company has also linked variable payouts with this policy. The rule is also applicable to freshers, who have completed assigned courses and are eligible for higher salaries beyond the standard annual compensation of Rs 3 lakh.

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*21/8/24*





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Class: II Bsc CS with DA

Date: 07-08-2024

**IBM gets left from software, AI demand as consulting slips**

IBM beat analysts' estimates for second-quarter revenue and raised its annual growth forecast for its software business on Wednesday, riding on higher AI-linked spending by client looking to adopt the technology. The company has focused on expanding its Watsonx platform that users to deploy chatbots or enhance code for AI programs, while also making its granite family of AI model open-source to help popularize its AI services.

  
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*D. Thachina Moorthi*

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*News World*

Class: III B.Sc CS-A'

Date: 07.08.2024

**Innovation to propel Assam into global electronics supply  
chain: Tata Sons chairman: N Chandrasekaran**

Tata Group is proud to spearhead the advanced electronics ecosystem in India under the visionary leadership of prime minister Narendra Modi," Tata Sons chairman, Natarajan Chandrasekaran said in a statement. Chandrasekaran said the project would provide job opportunities to 27,000 people and will also open immense avenues for creating a future ready and knowledge-based electronics value chain. The greenfield facility in Assam will be for assembly and testing of semiconductor chips for applications across automotive, mobile devices, artificial intelligence (AI), and other key segments to serve customers globally. It is expected to be operationalized by mid-2025. Tata Electronics said the Assam facility is strategically located with access to abundant water and green power and proximity to current semiconductor packaging and test hubs in countries like Taiwan, Malaysia, Vietnam, and Singapore.

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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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*News World*

Class: III B.Sc CS – 'B'

Date: 7.8.24

**WIPRO BUCKS HEADCOUNT REDUCTION TREND, TO ADD  
UP TO 12,000 FRESHERS IN FY25**

Wipro, India's fourth largest IT major, bucked its headcount reduction trend with a marginal increase in its employee count by 337 during the first quarter ending June in the ongoing fiscal year 2025. The total employees at the end of June stood at 234,391 as compared to 234,054 employees at the end of March, during which the headcount had dropped by 6,180 employees, down for the sixth straight quarter.



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Class: B.SC I-CS A

Date: 8.8.24

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**How BFSI is playing a lead role in Indian IT services comeback**

India's \$250-billion IT services industry is experiencing a rebound, with the banking, financial services, and insurance (BFSI) sector taking on the role of a catalyst following a sluggish period of four to six quarters

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*8/8/24*



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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
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Class: I B.Sc.cs-b

Date: 8.8.24

Latest news about Infosys.

Strategic Collaboration : Infosys today announced an expanded strategic collaboration with ServiceNow to provide end-to-end managed services, leveraging AI capabilities of the Now Platform and the Infosys Enterprise Service Management Café (ESM Café) for enterprise business transformation.

Business Transformation: Infosys today announced its collaboration with TDC Net, a Danish digital infrastructure and connectivity provider, to help them transform from a traditional infrastructure company to a leading customer-centric technology company.

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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: I Bsc Cs with Da

Date: 8.8.24

**IBM gets lift from software, AI demand as consulting slips**

IBM surpassed second-quarter revenue expectations and raised its annual growth o ..

IBM beat analysts' estimates for second-quarter revenue and raised its annual gr ..

The company has focused on expanding its Watsonx platform that allows users to d ..

Meanwhile, IBM lowered its expectations for annual consulting revenue, estimatin ..

*Dr. 4H  
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News World

Class: II - BSc (cs) - B

Date: 08.8.24

Initially recognized for its software services and outsourcing excellence, the IT industry has evolved to adopt technologies like artificial intelligence (AI), cloud computing, blockchain, and the Internet of Things (IoT). In 2024, India Today reports that these IT roles will be in high demand:

**Data scientists:** Data science drives decision-making and transcends industry boundaries, finding applications across various sectors, including finance, healthcare, and e-commerce. Cities in India such as Bangalore, Delhi, Hyderabad, and Mumbai have emerged as vibrant centers for professionals in this role. As a result, the data science and analytics industry is set to reach \$3.03 billion, with 72,000+ data science job openings in 2024 and 137,500+ by 2025.

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D.K.Prüya dharshini

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*8/8/24*



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*News World*  
IT SECTOR

Class: II-BSC(CSDA)

Date: 8.8.24

The future of IT sector in India looks promising, with many opportunities for IT professionals to develop their skills and advance their careers. According to a report by Network Kings, several trends are likely to shape the future of the IT industry in India in the coming years. Some of these trends are:

- ❖ Increased adoption of digital technologies such as cloud computing, data analytics, and artificial intelligence (AI).
- ❖ Growing demand for cybersecurity professionals to protect against cyber threats.
- ❖ The rising importance of data science.
- ❖ Greater use of agile methodologies.
- ❖ Remote work and the gig economy.
- ❖ Increased focus on digital skills such as coding, data analysis, and machine learning.

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S.Udhaya raman

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Class: III B.Sc CS - 'B'

Date: 8.8.24

## JIO AIRFIBER PLANS 2024: 5G-LIKE NETWORK FOR BROADBAND-LIKE PRICE

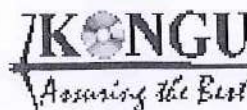
Jio introduced AirFiber last year to serve those places which don't have access to the broadband fibre network. It harnesses the power of a 5G network to deliver low-latency, high-speed internet connections even in remote locations. With different data plans with varying download speeds, one can get access to high-speed internet for as low as Rs 599 a month for a 30 Mbps plan.



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Class: III-B.SC CS WITH DA

Date: 8-8-24

**IT flags Singapore's new skilled visa framework**

The industry has flagged the narrow criteria under the points-based framework, where only eight Indian universities are eligible for points and all nationalities are given equal weightage for diversity assessment, which may not reflect the on-ground realities, industry body Nasscom told ET. It also seeks to expand which roles are listed as being in a 'shortage'.

The new framework is set to be implemented in September for visa revalidations. Starting September 1, those applying for visa renewals will have to earn at least 40 points under the new Complementarity Assessment Framework (COMPASS), on top of meeting the qualifying salary, to get an Employment Pass (EP) to work in Singapore.

  
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Class: I B.Sc CS A

Date: 9.8.24

**From sunrise to sunset: India's IT sector loses shine as jobs dry up**

In her interim budget speech this year, Finance Minister Nirmala Sitharaman announced the establishment of a Rs.1 trillion corpus to boost innovation and research in sunrise domains, that is the start-up and tech industries. "For our tech-savvy youth, this will be a golden era," Sitharaman said. What may have dulled the sheen of this golden era is the jobs drought that India's prized tech sector is now witnessing. From a fairly impressive comeback following the COVID-19 pandemic, the hiring slump in the IT sector is being referred to by white-collar job portals as "unprecedented" and "a near freeze" at the bottom of the pyramid. Infosys and Tata Consultancy Services (TCS) have given campus hiring a skip for a second year running and the tech industry has a talent glut from successive batches of graduating

**STARTUP ENGINEERING STUDENTS.**

Ms.S.DEVIPRIYA

*S. Devipriya*



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Sasireka Palanisamy**

*S. Sasireka*  
9/8/24



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*News World*

Class: II B.SC (CS)-A

Date 9.8.24

## Google loses massive antitrust case over its search dominance

Google almost certainly will appeal the decision in a process that ultimately may land in the U.S. Supreme Court

The highly anticipated decision issued by U.S. District Judge Amit Mehta comes nearly a year after the start of a trial pitting the U.S. Justice Department against Google in the country's biggest antitrust showdown in a quarter century. After reviewing reams of evidence that included testimony from top executives at Google, Microsoft and Apple during last year's 10-week trial, Mr. Mehta issued his potentially market-shifting decision three months after the two sides presented their closing arguments in early May

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*V. Vishnu Prayan.*

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*9/8/24*



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Class: II - Bsc.cs - "B"

Date: 9.08.24

**Prowess Consulting Scales Remote Work:**

Prowess turns to the Intel vPro® platform for out-of-the-box, hardware-based security, and support for limited IT resources.

**TKC Enables Hybrid Workforce:**

The Intel vPro® platform, Intune, and zero trust architecture creates an environment where engineers can focus on development.

**PCs Designed for Business Users**

To get the most out of each workday, you need PCs that stand up to the demands of business. By investing in built-for-business Intel vPro® platform-based PCs, you can help keep employees working with fewer interruptions and streamline device management.

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9/8/24



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R.C. Aishwarya

*R.C. Aishwarya*  
9/8/24



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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: II - BSCCS & DA)

Date: 9.8.24

**“AI IN THERMAL INDUSTRY”**

AI method radically speeds predictions of materials' thermal properties Researchers developed a machine-learning framework that can predict a key property of heat dispersion in materials that is up to 1,000 times faster than other AI methods, and could enable scientists to improve the efficiency of power generation systems and microelectronics. This method could help engineers design energy generation systems that produce more power, more efficiently. It could also be used to develop more efficient microelectronics, since managing heat remains a major bottleneck to speeding up electronics. "Phonons are the culprit for the thermal loss, yet obtaining their criteria is notoriously challenging, either computationally or experimentally," says Mingda Li, associate professor of nuclear science and engineering and senior author of a paper on this technique.

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*9/8/24*



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Class: III B.Sc(CS)-A

Date: 9.8.24

**Battle for tech talent now shifts to hinterlands on reverse migration;**



As tech employees returned to their hometowns during Covid-19, the IT talent hunt has shifted to tier-2 and smaller cities, which hold the default advantage of lower operational costs and low attrition rates. The Bengaluru-based firm sent out another statement Thursday evening, saying that the pre-show-cause notice by the state authority had been withdrawn, and it had been directed to submit a response to the GST intelligence directorate in New Delhi.

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SANJAYKUMAR.P

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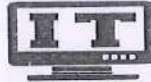
*S.M.*  
9/8/24



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*News World*

Class: I B.Sc.Cs - A

Date: 12.08.24

**HCLTech's arm to acquire French software firm Zeenea for 24 million euros**

HCLSoftware, the software business division of HCLTech, has agreed to wholly acquire Zeenea, a French data catalog and governance solutions company, for 24 million euros (about Rs 220 crore). The acquisition will be made by HCL Technologies UK Ltd, a wholly owned subsidiary of HCLTech. The deal is expected to close in September. In addition to enhancing the company's data and analytics business (Actian), the acquisition "will enable HCLSoftware to accelerate the GenAI and Data Engineering roadmap of its customers by adding powerful data catalog, lineage and governance solutions," HCLTech said in a regulatory filing on Friday.

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*P.M  
12/8/24*



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DBT STAR SPONSORE



Class: 1st bsc(cs), "B"

Date: 12.08.24



**Larest news about HCLTech**

HCLTech wins top honors at AWS GenAI Hackathons: HCLTech's GenAI-powered solutions Virtual Recruiter, Intelligent Insurance Claims Processing solution and Financial Assist were declared winners.

HCLTech recognized as Microsoft Partner of the Year for Dynamics 365 Service: This exemplifies HCLTech's dedication to advancing innovation by delivering AI-powered solutions and enhancing customer experiences for clients.

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12/8/24



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Date: 12.08.24

Class: II-B.Sc(cs)-A

News World

## Apple launches Tap to Pay on iPhone for UK business



Apple's Tap to Pay service for the iPhone has finally arrived in the UK, allowing smaller UK merchants and other enterprises to replace traditional payment terminals at the point of sale. In a surprise announcement, the company extended the service to UK businesses on July 13. It lets them accept Apple Pay and other contactless payments using an iPhone and a partner-enabled app and is the logical extension of Apple's original plan to make the iPhone (and Watch) replace the contents of your wallet. First UK payment partners coming on stream. There are numerous payment partners coming online in the UK, including Revolut and Tyl by NatWest. Adyen, Dojo, myPOS, Stripe, SumUp, Viva Wallet, Worldline, and Zettle by PayPal are all on the way. The service will be made available across the company's UK stores during the next few weeks. Otherwise, the system works with digital wallets and contactless credit and debit cards from the likes of American Express, Mastercard, and Visa. The rollout of the service in the UK could suggest plans to introduce Apple Pay Later services in the country later on. While expectations of an international release for Apple Card remain low, acceptance of Apple's technologies across every arm of business is rapidly accelerating. Tap to Pay on iPhone is already available in the US and Taiwan. How Tap to Pay on iPhone works The system is iPhone simple.

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*12/8/24*





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Date: 12.08.24

class:II Bsc(CSDA)

## Data Analytics

in data analytics for IT news, focus the several key areas. Start tracking trending topics using platforms like Google Trends the identify what's currently hot in the IT sector. Monitor the volume of has news coverage through media monitoring tools see how frequently topics are discussed. Perform sentiment analysis an news articles to determine public opinion, using natural language processing tools to classify sentiments as positives, negative, or neutral. That Evaluate the credibility of news sources to gauge their an influence. Track engagement metrics such as clicks,shares, and comments to understand audience interaction. There Additionally, analyze competitor coverage to see how find different companies are represented. This multifaceted is approach helps in gaining comprehensive a insights into IT news trends and industry dynamics.

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Class: 1Bsc (cs)A

Date: 13.8.24

**Wipro elevates three company veterans**

Continuing its **restructuring** spree under new CEO **Srini Pallia**, IT major **Wipro** has elevated three veterans, as per an internal email seen by ET. Meanwhile, a senior executive who joined under ex-CEO Thierry Delaporte's watch has decided to exit the firm. **Wipro** has appointed **Nanda Kishore**, who has served the company for 30 years, as chief of delivery and operational excellence. He is currently the chief operating officer (COO) of **Americas One**.

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*News World*

Class: I B.SC(CS)-B

Date: 13.8.24

**Latest news about Meta :**

**Meta AI Usage:** India is the largest market for Meta AI usage, with billions of queries since its launch.

**Meta Earnings:** Meta reported a decline in profits in the fourth quarter of 2021, with a 27% reduction in share price.

**Threads App:** Meta launched a new app, Threads, a competitor to Twitter, in July 2023.

**AI Investments:** Mark Zuckerberg said that AI would be Meta's biggest investment area in 2024.

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News World

Class: II B.Sc CS-A  
Date: 13.8.24

Infosys McCamish facing  
fourth class action suit over  
2023 data breach



This is the fourth class action complaint filed against the IT major's US subsidiary since the cyber security incident on November, 2023, that exposed approximately 6.5million individuals' information to unauthorised access.

Another class action complaint was filed against Infosys McCamish Systems LLC (IMS) this month in the US District Court for the Northern District of Georgia, the company disclosed in a filing with US Securities and Exchange Commission on Wednesday night

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*News World*

Class: II - BSc (CS) - B.

Date: 13.8.24

- **\*Naidu Unveils White Paper\***: Andhra Pradesh Chief Minister N Chandrababu Naidu has released a white paper on the state of finances to expose fiscal mismanagement under his predecessor YS Jaganmohan Reddy.

- **\*Akhilesh Yadav vs Keshav Maurya\***: Akhilesh Yadav took a dig at Keshav Maurya amid speculations of a rift in the UP BJP, but Maurya hit back at Yadav for his comments, calling him a 'Congress' pawn'.

- **\*Healthcare Failures\***: The Congress has targeted the government, claiming that cases of waterborne and vector-borne diseases are on the rise and the government is unable to contain it. - **\*Kamala Harris Fundraiser\***: Over 164,000 white women gathered online to raise nearly \$2 million for Kamala Harris.

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13/8/24



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class: I - Bsc (CS) - B.

Date: 14.8.24

An IT job can range from an IT support specialist, project manager, or software designer. Positions in this field cover a broad variety of roles that can vary depending on the company. An IT position generally involves managing and storing data using computers, software, databases, networks, and servers.

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SUBMITTED BY

k.Madhan

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*P.M*  
*14/8/24*



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(AUTONOMOUS)



DEPARTMENT OF COMPUTER SCIENCE (UG)  
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News World

Class: I-BSC CS(DA)

Date: 14.8.24

## IT HIRING LIKELY TO GROW BY 8.5% BY NEXT YEAR AS DEMAND GROWS

Mumbai, With IT companies gradually coming out of the slump and actively ramping up their hiring efforts, a report on Thursday said that recruitment is set to surge with an estimated 8.5 per cent increase in job roles within the industry by next year. The demand for skilled IT talent is growing after a slow period late last year and early this year. Hiring is set to surge, with an estimated 8.5 per cent increase in job roles within the industry by next year, according to a report by Indeed, a global job matching and hiring platform and a subsidiary of Recruit Holdings. This data from Indeed has been compiled from Indeed Hiring Tracker and Indeedas platform data. Indeed Hiring Tracker is a quarterly report that explores the employment landscape and job market. The report further revealed that almost 70 per cent of all tech jobs currently on the Indeed platform are for software roles. The IT sector has consistently stood as a major employment powerhouse.

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Class: II - Bsc (cs) - B

Date: 14.8.24

## FIRMWARE IN IT

Firmware in IoT is an essential component of an IoT device that enables it to operate as intended. Firmware ensures seamless communication, data processing, and operational control for IoT devices. In the Internet of things, firmware is specialised software embedded within IoT devices to control their functions and enable connectivity. It operates at a low level, directly interacting with the hardware to manage device operations, data collection, and communication with other systems. In this blog, you can understand the essential role of firmware in IoT. What is firmware in IoT? Firmware is a type of software that is embedded directly into the of IoT devices.

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14/8/24





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Class: II-BSc.C.S WITH DA

Date: 14.8.24

## INFORMATION TECHNOLOGY

### Wipro CTO Subha Tatavarti resigns, fourth big departure from 'Delaporte camp'

Senior executive churn continued at IT giant Wipro Ltd which said its chief technology officer (CTO) Subha Tatavarti resigned on Monday and will be leaving with effect from close of business hours of August 16, 2024.



Tatavarti had joined Wipro in March 2021 under its former CEO Thierry Delaporte and operated out of San Francisco Bay Area. Tatavarti is the fourth big departure from the "Delaporte camp" since the appointment of new CEO Srini Pallia in April this year.

The CTO resignation comes following at least three senior executives quitting the company including the latest being Ajit Mahale who was the chief delivery officer.

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14/8/24



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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
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Class: I B.sc.cs-B

Date: 17.8.24

Zoho, a privately held and profitable company, has recently surpassed 10 crore users globally <sup>1</sup>. The company has also announced that it will not be laying off any employees, but instead will be adopting a prudent approach involving a hiring freeze for engineering roles and reducing marketing spending <sup>1</sup>. Additionally, Zoho has launched a unified communications platform called 'Trident' that brings collaboration and productivity tools together in one place

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17/8/24

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*17/8/24*



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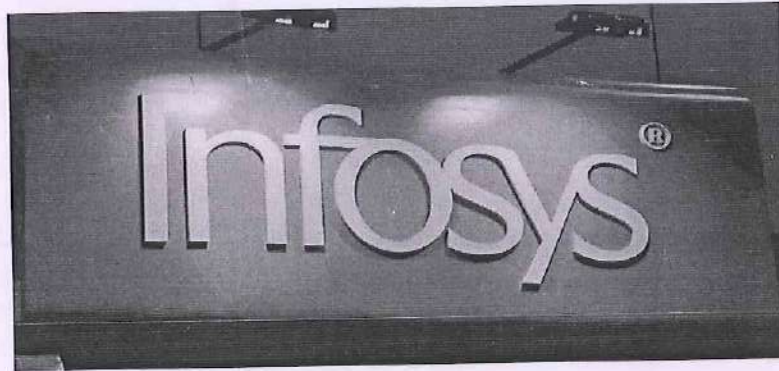


News World

Class: II B.SC (CS)-A

Date 17.8.24

## Infosys wins \$454-million deal from Danske Bank



Infosys has bagged a \$454-million deal for the digital transformation of Denmark's Danske Bank, the firm said on June 26, the latest IT services company to win a mega deal amid a slowdown in the sector. The deal is for a period of five years, which could be ramped up to \$900 million and also renewed for up to another three years, the company said in an exchange filing. Infosys will collaborate with Danske Bank to strengthen their core business with greater digital, cloud and data capabilities. This will help Danske Bank create more value for their customers using powerful advances in AI, including generative AI," Infosys Chief Executive Officer Salil Parekh said in a statement

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*17/8/24*



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Class: II BSC (COMPUTER  
SCIENCE - B)

DATE: 17.8.24

The IT sector has finally broken its 18-month slump, with Persistent reporting a 33.9% year-on-year rise in net profit. Wipro is set to hire up to 12,000 freshers in FY25, a move that indicates a positive turnaround in the industry. Tata Communications is also experiencing a boost, with its overseas revenues outperforming those in India. Meanwhile, Infosys has beaten PAT and revenue estimates, leading to an optimistic outlook for the company. These developments signal a renewed sense of growth and optimism in the IT industry, bringing relief to investors and professionals alike.

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17/8/24



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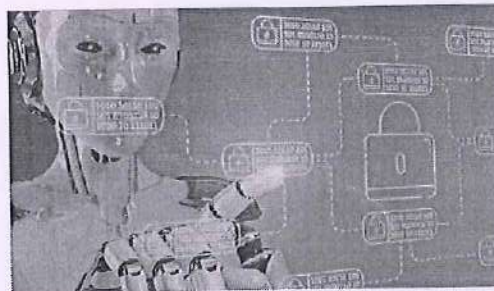
**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
DBT STAR SPONSORED DEPARTMENT



Class: III B.Sc CS -A

Date: 17.8.24

AI hardware, software market may touch \$990 BILLION by 2027



The global market for AI-related hardware and software is likely to reach between 40 per cent and 55 per cent annually, according to a report on Wednesday. New Delhi, The global market for AI-related hardware and software is likely to reach between \$780 billion and \$990 billion by 2027, growing between 40 per cent on Wednesday.

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Class: I B. Sc CS A

Date: 19.8.24

## Samsung's Latest Foldables and Wearables with Galaxy AI Now Available In Stores

Samsung Electronics South Africa is thrilled to announce that the latest Galaxy Foldables and Wearables are available in stores nationwide from 1 August 2024, following their recent global launch. The new line-up features advanced, AI-powered technology in the Galaxy Z Fold6 and Galaxy Z Flip6, alongside a suite of innovative wearables including the Galaxy Watch Ultra, Galaxy Watch7 (44mm and 40mm), Galaxy Buds3 Pro, and Galaxy Buds3. The wait is over, and consumers can get their hands on the new devices, all designed to integrate seamlessly with Samsung's ecosystem of products, providing them with the best-ever connectivity and performance from Galaxy.

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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
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Class: B sc(cs)-B

Date: 19.8.24

## Current Situation of IT Sector in India

The IT industry in India accounted for 7.5% of the country's GDP in the financial year 2023. The industry has played a significant role in India's socio-economic growth, so much so that it could be the future driver of modern India

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Class: I EBC CSDA

Date: 19.8.24

## Made by Google keynote '24: what to expect :

It's a big day for Google tomorrow as its embarks on a new Pixel product launch. Google is set to unveil its Pixel 9 series alongside its latest Pixel Watch and Pixel Buds. The keynote is set to start at 10 AM PT/ 1PM ET/ 6PM BST/ 10:30PM IST time and as usual, we've prepared a summary of all the leaks and rumors from the past months to catch you up to speed. To no one's surprise, Pixel device leaks were plenty over the last months and we have virtually all the key details about the new devices including their specs and regional pricing. Here's what you can expect from tomorrow's Made by Google Keynote '24:

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19/8/24





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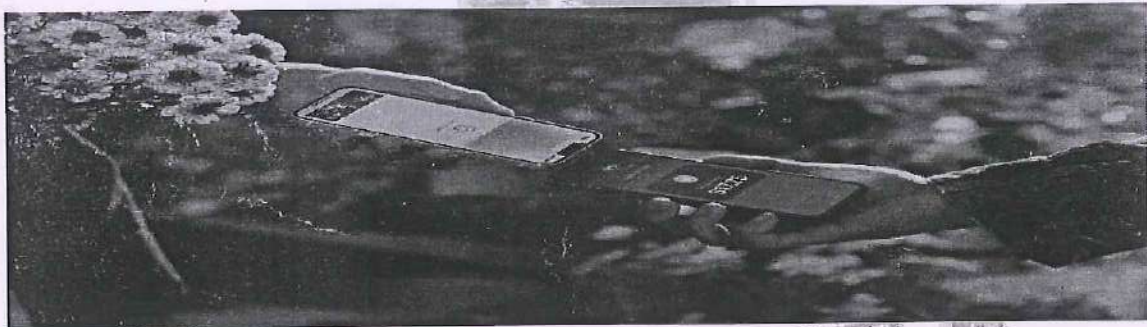


*News World*

Date: 19.8.24

Class: II BSc CS -A

## APPLE LAUNCHES TAP TO PAY ON IPHONE FOR UK BUSINESS



Apple's Tap to Pay service for the iPhone has finally arrived in the UK, allowing smaller UK merchants and other enterprises to replace traditional payment terminals at the point of sale. In a surprise announcement, the company extended the service to UK businesses on July 13. It lets them accept Apple Pay and other contactless payments using an iPhone and a partner-enabled app and is the logical extension of Apple's original plan to make the iPhone (and Watch) replace the contents of your wallet. First UK payment partners coming on stream. There are numerous payment partners coming online in the UK, including Revolut and Tyl by NatWest. Adyen, Dojo, myPOS, Stripe, SumUp, Viva Wallet, Worldline, and Zettle by PayPal are all on the way. The service will be made available across the company's UK stores during the next few weeks. Otherwise, the system works with digital wallets and contactless credit and debit cards from the likes of American Express, Mastercard, and Visa. The rollout of the service in the UK could suggest plans to introduce Apple Pay Later services in the country later on. While expectations of an international release for Apple Card remain low, acceptance of Apple's technologies across every arm of business is rapidly accelerating. Tap to Pay on iPhone is already available in the US and Taiwan. How Tap to Pay on iPhone works The system is iPhone simple.

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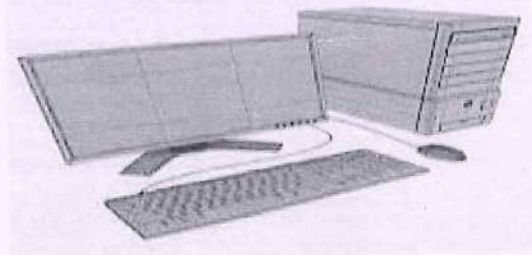
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Class: II-B.Sc CS'B'

Date: 19.8.24

TCS:-

More than half of TCS' employees are now skilled in AI. TCS also reported an all-time high order book of \$13.2 billion in Q4. However, the company's employee attrition rate increased from 12.5% to 13.1%.

Infosys

Infosys CEO Salil Parekh says that the company's 3 million lines of code generated through LLMs in Gen AI is "industry leading". Goldman Sachs also recommends buying Infosys, with a 12 month target price of Rs 1369.

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News World

Class:II-BSC(CSI

Date: 19.8.24

## IT SECTOR

The IT industry in India accounted for 7.5% of the country's GDP in the financial year 2023. The industry has played a significant role in India's socio-economic growth, so much so that it could be the future driver of modern India. However, the industry is currently facing a staffing crisis as the number of skilled people entering the workforce is failing to keep pace with demand. Despite this, India remains the largest explorer of IT in the world economy. Future of IT sector in India The future of IT sector in India looks promising, with many opportunities for IT professionals to develop their skills and advance their careers. According to a report by Network Kings, several trends are likely to shape the future of the IT industry in India in the coming years.

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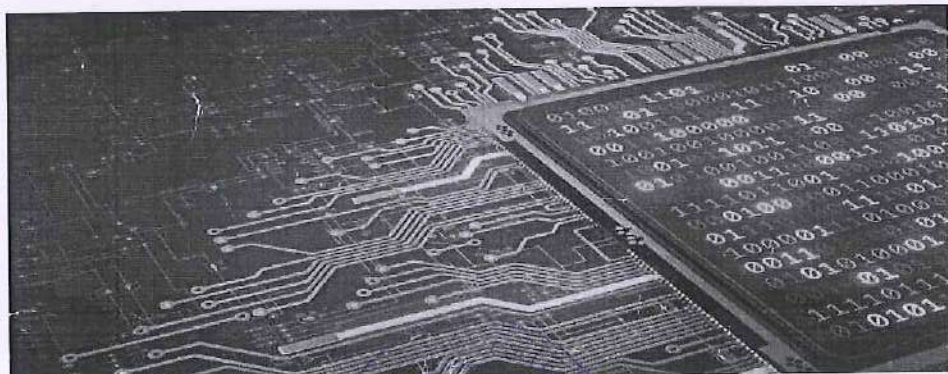


News World

Class: III BSC CS-A.

Date: 19/08/2024

- The wave of layoffs has been continuing in July. However, there is a marginal decrease in the number of people laid off and companies axing jobs compared to June. As of now, 8,383 professionals have been laid off from across 34 companies in the technology sector according to layoffs.fyi, a website that tracks layoffs from around the world in real-time. In 2024, as of July 30, as many as 1,90,049 people have been laid off from 380 companies worldwide.
- July has been dominated by layoffs in the tech sector across India. The month began with the news of microblogging site Koo, an Indian rival to X shutting down after talks over an acquisition by Daily hunt fell through. Reportedly, the company employed close to 200 staff as of September 2021. Indian edtech giant Unacademy announced that it was laying off around 250 of its staff. As part of a restructuring exercise, Unacademy let off 100 people in marketing, business, and product, and around 150 people in sales.



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News World

Class: III BSC CSDA

Date 19/8/24

## QUANTUM COMPUTING

Quantum computing a notable technology trend, is an emerging technology that uses quantum-mechanical phenomena to process data. It is different from classical computing which uses bits; quantum computers use qubits. In comparison to classical computers, they are much faster at performing some tasks.

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Class:1st B.Sc C.S 'A'

Date: 20/8/24

**Mobile App Developmen**

Mobile app development has become crucial for businesses aiming to enhance customer engagement and streamline operations. As a critical component of modern technology, mobile apps offer personalized experiences, convenience, and accessibility to users. If you're continuously searching for app developers near me then this article explores the top mobile app development companies in the United States, highlighting their innovative solutions and unparalleled expertise.

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*News World*

Class: I B.SC(CS)-B

Date: 28.8.24

**Latest news updates about IBM :**

**IBM and Microsoft Collaboration:** IBM and Microsoft have opened three new experience zones to provide global clients with more hands-on access to cloud and generative AI solutions.

**Launch of GenAI Innovation Center:** IBM has launched its GenAI Innovation Center in Kochi, India, to accelerate AI innovation, boost productivity, and strengthen GenAI expertise .

**New AI Foundation Model:** IBM has announced a new AI foundation model that offers insights beyond forecasting for scientists, developers, and businesses to better understand and analyze weather and climate data .

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Class:I-Bsc. CSDA

Date: 20.08.2024

## INFOSYS SHARE MARKET NEWS

Shares of Infosys Ltd on Monday closed 0.26 per cent higher at Rs 1,864.10. Considering today's closing price, the stock has climbed 20.17 per cent on a year-to-date (YTD) basis. Despite the mentioned rise, the scrip was down 2.04 per cent from its all-time high price of Rs 1,903, a level seen on July 29, 2024

Shares of Tata Consultancy Services (TCS) Ltd on Monday extended their upward run for the third consecutive session. The stock rose 1.73 per cent to hit an all-time high of Rs 4,493. It eventually settled 1.65 per cent higher at Rs 4,489.35. At this price, the IT major's scrip has gained 7.02 per cent in three trading days.

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20/8/24





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Class: II B.Sc.CS-B

Date: 20/08/2024.

A Seattle-based startup, Phaidra, has raised \$12 million to enhance its AI-driven "virtual plant operator" technology, which aims to optimize industrial operations. This investment, led by Index Ventures, highlights the growing interest in AI solutions for industrial efficiency (GeekWire).

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20/8/24



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Class: III B.Sc (cs) -A

Date: 20/8/24

## Meta Business Suite

Meta Business Suite is a one-stop shop where you can manage all of your marketing and advertising activities on Facebook and Instagram. It centralises tools that help you connect with your customers on all apps and get better business results.



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20/8/24



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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: III-B

Date: 20/08/2024

## Google's New Pixel Tablet: AI-Powered Features Take Center Stage :

Google has unveiled its latest innovation in the tablet market: the Pixel Tablet. This new device is powered by Google's Tensor G3 chip, which delivers impressive performance and advanced AI capabilities. One of the standout features of the Pixel Tablet is its real-time translation functionality, allowing users to communicate across different languages effortlessly. The Tensor G3 chip also enhances photo editing with intelligent algorithms that automatically adjust lighting and color, and improves voice recognition for more accurate and responsive interactions with Google Assistant.

The Pixel Tablet offers a refined stylus experience, making it ideal for both creative professionals and casual users. The device's integration with Google's ecosystem ensures seamless access to apps and services, such as Google Photos and Google Keep, enhancing productivity and convenience. With its AI-driven features, the Pixel Tablet is designed to cater to users who seek both high performance and intuitive technology in their everyday tasks.

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*News World*

Class: I Bsc (cs) - B

Date: 21.8.24

**LATEST NEWS ON WIPRO**

Wipro Ltd is currently trading at ₹521.25, up 0.29% from the previous day <sup>1</sup>. The company has seen a 25.72% growth in the last year, with a 3.05% increase in the last month <sup>1</sup>. Wipro has also announced plans to invest \$1 billion in AI technology over the next three years, with a focus on developing new solutions and enhancing existing capabilities .

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Class: B.sc.cs&da

Date: 21.8.24

## Nifty 50, Sensex today: What to expect from Indian stock market in trade on August 20

The **Sensex** eased 12.16 points to close at 80,424.68, while the Nifty 50 settled 31.50 points, or 0.13%, to close at 24,572.65.

Nifty 50 formed a small negative candle on the daily chart with minor lower shadow.

"Technically, this pattern indicates consolidation movement post decisive upside breakout of Friday. Nifty is currently placed at the hurdle of the upper area of previous down gap of 5th August at 24,685 levels," said Nagaraj Shetti, Senior Technical Research Analyst at HDFC Securities. He believes the short-term trend of Nifty continues to be positive. Having placed at the key overhead resistance around 24,700, there is a possibility of some more consolidation or minor dip in the next 1-2 sessions, before showing another round of upside breakout, he added.

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Date: 21.8.24

Class:II-B.Sc(CS)-A

*News World*  
Networking

Networking is the exchange of information and ideas among people with a common profession or special interest, usually in a formal social setting. Networks connect nodes like computers, routers, and switches using cables, fiber, or wireless signals. These connections allow devices in a network to communicate and share information and resources. Networks follow protocols, which define how communications are sent and received.

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*News World*

Class: II B.SC CS - B

Date: 21.8.24

## Security Flaws in Microsoft MacOS Apps could allow unauthorized access to Microphone and Camera

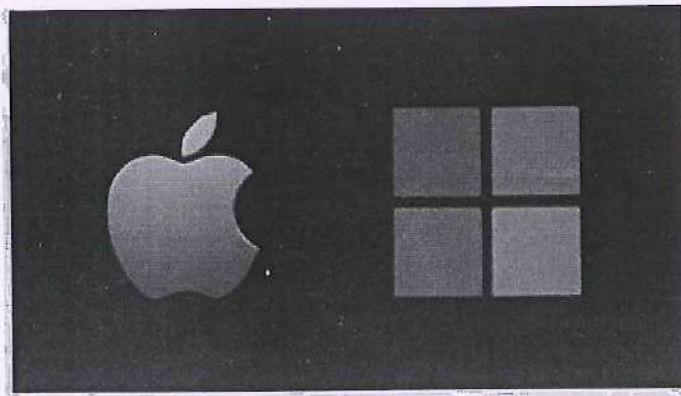
A vulnerability in Microsoft apps for macOS allowed hackers to spy on Mac users by accessing the microphone and camera without consent.

The exploit involved injecting malicious libraries into Microsoft apps to gain user-granted permissions.

Microsoft has updated Teams and OneNote to address the issue

The following Apps are still affected:

- Excel
- PowerPoint
- Word
- Outlook



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*News World*

Class: U - BSC(CS-DA)

Date: 21.8.24

**PALO ALTO FORECASTS ANNUAL RESULTS**

Aug 19 (Reuters) - Palo Alto Networks (PANW.O), opens new tab forecast fiscal 2025 revenue and profit above Wall Street estimates on Monday, a sign of growing demand for its cybersecurity products as the digital threat landscape evolves.

Its shares rose about 2% in extended trading, as the company announced an additional \$500 million for share repurchases. They dipped briefly during the post-earnings call after CEO Nikesh Arora said the recent global IT outage has caused several customers to reevaluate their options.

A surge in online threats have triggered demand for companies such as Palo Alto offering cybersecurity products. However, analysts have said the July 19 outage, linked to CrowdStrike's (CRWD.O), opens new tab software update, has exposed risks of dependence on a single vendor.

Beginning this quarter, the company will give next-generation security annual recurring revenue as the key financial metric for revenue projections both quarterly and annually, CFO Dipak Golechha said.

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**S.Abdul Eid Fasith**





# KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)



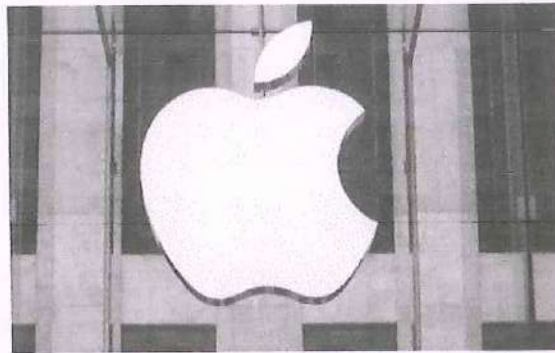
DEPARTMENT OF COMPUTER SCIENCE (UG).  
DBT STAR SPONSORED DEPARTMENT



News World

Class: III-BSC(CS)-A

Date: 21/8/24



Apple's market share in China has shrunk to 14% in the second quarter of 2024, a decrease from 15% in the first quarter and 16% during the same period in the previous year. This decline has resulted in Apple falling to the sixth position in the market, with approximately 9.7 million iPhone units shipped.

This marks a significant drop from its previous status as the third-largest smartphone vendor in China during the same period last year. The country's economy has also contributed to the slowdown in iPhone sales

*S. L. A.*  
21/8/24  
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K.Senthilnathan**

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*P.M.*  
21/8/24



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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: III- B.SC CS WITH DA

Date: 21.8.24

## Behind the revival of fresher hiring at India's top IT firms

Specialist staffing firm Xpheno data shows the IT sector collectively had a sub-70,000 intake of entry level talent over the last fiscal ending March 2024, its lowest fresher intake year over two decades. TCS reiterated its ambitious target of hiring 40,000 freshers this year. While Infosys did not share fresher additions, its net headcount declined by 1,908 employees.

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S.DEEPABHARINI



*S.D*  
21/8/24



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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
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*News World*

Class: I Bsc Cs 'A'

Date: 22.8.24

**Happiest Minds Q1 Profit Down 13% to Rs 51 cr:**

New Delhi, Aug 13 (PTI) IT company Happiest Minds Technologies has reported 12.5 per cent decline in consolidated net profit at Rs 51.03 crore for June quarter FY25. It posted a net profit of Rs 58.33 crore for the year-ago period. Revenue from operations came in at Rs 463.82 crore, up 18.7 per cent from Rs 390.87 crore in Q1FY24. "Variation in PBT and PAT is primarily on account of non-recurring expenses in the current quarter versus a large exceptional write-back in the previous, and increased amortization and financing costs arising from acquisitions," said MD and CFO Venkatraman Narayanan. During the quarter, Happiest Minds signed definitive agreements to acquire 100 per cent of equity share capital of PureSoftware Technologies for Rs 779 crore.

*S. L. A. 22/8/24*

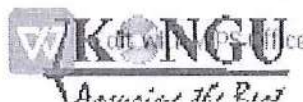
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*P.M. 22/8/24*





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## DEPARTMENT OF COMPUTER SCIENCE (UG) DBT STAR SPONSORED DEPARTMENT



Class: 1-BSC CS-B

Date: 22.8.24

Information technology (IT) is the use of computer systems or devices to access information. Information technology is responsible for such a large portion of our workforce, business operations and personal access to information that it comprises much of our daily activities. Whether you are storing, retrieving, accessing or manipulating information, IT greatly impacts our everyday lives.

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22/8/24



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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
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Class: I Bsc.cs&da

Date: 22.8.24

**Unimech Aerospace and Manufacturing Limited files draft papers for ₹500 crore IPO**

Latest Market News Today highlights: Catch today's market wrap-up! Track Nifty 50 and Sensex movements, along with top gainers and losers. See how Asian and US markets fared and which sectors led the charge (or declined). Summary: Follow Mint's market blog for real-time updates on your favourite companies. This blog keeps you informed on all things Dalal Street and global markets.

Unimech Aerospace and Manufacturing IPO, priced at ₹5 per equity share, consists of a fresh issue of up to ₹250 crore and an offer for sale of up to ₹250 crore by Promoter and Promoter Group Selling Shareholders.

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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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News World

Class: II B.SC (CS)-A

Date 28.8.24

## Gen AI's next frontier: How Apple, Google and others are closing in on AI-infused hardware

Artificial Intelligence (AI) has been disrupting almost every industry with super apps, chatbots, and data analytics. Now, everyday gadgets are becoming even more smarter with a dose of AI.

This year's Apple Worldwide Developers Conference (WWDC) 2024 was expected to be all about AI and it was. The tech giant announced the recently rumoured Apple-OpenAI partnership. This means Apple is putting GPT-4o directly into its iOS operating system, which can be connected with its Siri virtual assistant.

"Generative AI can drive the development of more powerful and efficient chipsets, as seen in Apple's hardware. For example, integrating AI-specific processors or optimizing existing ones to handle AI tasks more effectively enhances overall device performance and user experience," Souradip Chakraborty, a PhD grad student at University of Maryland

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22/8/24

*Adhithya*





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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
DBT STAR SPONSORED DEPARTMENT**



Class: **11-BSC(CS)-B**  
Date: **22.8.24**

- **\*Bigamy Case\***: The Supreme Court sentenced a woman and her second husband to six months in jail for committing bigamy.
- **\*Trump Rally Shooting\***: Joe Biden called for unity after the Trump rally shooting in Pennsylvania.
- **\*SpiceJet Employee Arrested\***: A SpiceJet employee was arrested for slapping a CISF personnel.
- **\*BMW Hit-and-Run Case\***: Mihir Shah, the main accused in the Mumbai BMW hit-and-run case, was sent to police custody till July 16.
- **\*Kathua Ambush\***: Five Armymen were killed in a terror attack in Jammu and Kashmir's Kathua

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*S. H. 22/8/24*



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*P.M. 22/8/24*



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DEPARTMENT OF COMPUTER SCIENCE (UG)**



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Class: III-B.Sc(CS)-A  
Date: 22.8.24

## Amazon's Twitch Introduce Streamer Achievement Program

The Amazon-owned platform Twitch says the Bleed Purple Statue is presented to streamers who achieve 5M, 50M, and 250M hours watched in Streamers Achievement Program.

Introducing the Bleed Purple Statue. Inspired by the Bleed Purple emote and presented to streamers who have achieved 5M, 50M and 250M hours watched, it's heavy, shiny, and represents the incredible dedication and passion that you pour into building community on Twitch.

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*22/8/24*





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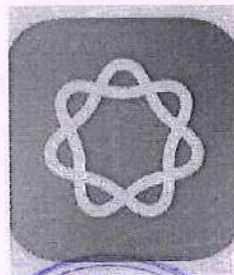


Class: III B.Sc CS – 'B'

Date: 22.8.24

## APPLE INTELLIGENCE TALKS ONGOING WITH EU AND CHINA REGULATORS

Apple Intelligence features have started to roll out in preview with the ios 18.1 developer beta update. As per the Cupertino-based tech giant, these features are first rolling out in the US in English and will be expanded to other regions later. However, the European Union (EU) and China will be two regions where these features are not likely to debut anytime soon. During a quarterly earnings call on Thursday, Apple CEO Tim Cook was reportedly asked about a release timeline, but he did not provide any conclusive response.



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*22/8/24*



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Class: III- B.SC CS WITH D/

Date: 22.8.2024

## TSMC second-quarter profit seen jumping 30% on surging AI chip demand

Taiwan Semiconductor Manufacturing Co (TSMC), the world's largest contract chipmaker is set to report a net profit of T\$236.1 billion (\$7.25 billion) for the quarter that ended June 30, according to a LSEG Smart Estimate drawn from 20 analysts. TSMC customer includes Apple and Nvidia. TSMC is spending billions building new factories overseas as well.

Taiwan Semiconductor Manufacturing Co, the main producer of advanced chips used in artificial intelligence applications, is expected to report a 30% rise in second-quarter profit on Thursday thanks to soaring demand.

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22/8/2024

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22/8/2024



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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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News World

Class: I BSC CS A

Date: 27.8.24

## More Apple intelligence features coming to upcoming iOS 18.1 beta releases

At the end of July, Apple released iOS 18.1 Developer Beta 1 which included the first Beta release for Apple Intelligence. The latter is Apple's AI initiative and while the Beta is missing some of the tastier AI features expected from Apple, it does offer some AI capabilities including Writing Tools which allows users to have an email, text, or letter rewritten using a different tone. Writing Tools will also proofread your content, summarize it, add a table or bullet points.

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27/8/24



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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class : I B.Sc., CS - B

Date: 27.8.24

Information Technology (IT) is a term that encompasses a broad domain within computing and computer science, including things like computer hardware, software, networking, and security systems that form the backbone of our digital world. IT is something that has its roots embedded in the very basic computing machines of the past like Charles Babbage's Difference Engine. In 2024, IT has evolved into a multidimensional commodity integral to almost every aspect of modern life.

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*News World*

Class: Bsc Cs with Da

Date: 27.8.24

**Sony PS5 Beta update brings personalised 3D audio, remote play restrictions, and adaptive charging**

Sony's latest PS5 Beta update introduces several exciting features designed to enhance the gaming experience. One of the standout additions is personalized 3D audio, which tailors sound profiles to individual users for a more immersive audio experience. This update also includes new restrictions for Remote Play, aiming to improve connectivity and performance but potentially limiting access for some users. Additionally, the update introduces adaptive charging, a feature that optimizes battery health by adjusting charging patterns based on usage habits. These improvements reflect Sony's ongoing commitment to refining and expanding the functionality of the PS5 console.

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*27/8/24*



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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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*News World*

Class: *II Bsc cs - B*

Date: *27.8.24*

- **\*Bigamy Case\***: The Supreme Court sentenced a woman and her second husband to six months in jail for committing bigamy.
- **\*Trump Rally Shooting\***: Joe Biden called for unity after the Trump rally shooting in Pennsylvania.
- **\*SpiceJet Employee Arrested\***: A SpiceJet employee was arrested for slapping a CISF personnel.
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- **\*Kathua Ambush\***: Five Armymen were killed in a terror attack in Jammu and Kashmir's Kathua

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## DEPARTMENT OF COMPUTER SCIENCE (UG) DBT STAR SPONSORED DEPARTMENT



News World

Class: II B.Sc (CS&DA)

Date: 27.8.24

### Meta content moderation vendors hit by global cyber outage



Like most social media companies, Meta relies on a mix of artificial intelligence and human review to moderate the billions of posts made to its platforms, which also include Instagram, WhatsApp and Threads. Some of that human review is performed by Meta staffers, but most is outsourced to business services vendors employing armies of low-paid workers who assess whether the posts contain hate speech, violence and other violations of the company's rules. Friday's alert involved vendor access to two of the systems Meta uses to route content flagged for review to moderators, called SRT and HumanOps, the source told Reuters.

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27/8/24



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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
DBT STAR SPONSORED DEPARTMENT



*News World*

Class: II B-Sc CS - A

Date: 27.08-2024

## AI Developing in IT Field

The rise of generative AI (GenAI) is expected to play a significant role in increasing Indian IT spending. GenAI remains a key priority for over 95% of organisations over the next 6-12 months. This indicates that Indian IT companies will need to invest heavily in developing and integrating GenAI capabilities to meet the growing demand from their clients.

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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: III-B.SC CS WITH DA

Date: 27/08/24

## IT flags Singapore's new skilled visa framework

The industry has flagged the narrow criteria under the points-based framework, where only eight Indian universities are eligible for points and all nationalities are given equal weightage for diversity assessment, which may not reflect the on-ground realities, industry body Nasscom told ET. It also seeks to expand which roles are listed as being in a 'shortage'.

The new framework is set to be implemented in September for visa revalidations. Starting September 1, those applying for visa renewals will have to earn at least 40 points under the new Complementarity Assessment Framework (COMPASS), on top of meeting the qualifying salary, to get an Employment Pass (EP) to work in Singapore.

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27/08/24

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JOTHISH.R



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*27/08/24*



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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: I-BSC-CS-A

Date: 28.8.24

## Microsoft Security Updates and AI Workforce Demand:

Microsoft has released its August 2024 security updates, addressing multiple vulnerabilities across various products. These updates are critical as they include patches that prevent potential exploits, which could allow attackers to gain control over affected systems. IT administrators are advised to apply these updates promptly to ensure their systems remain secure. The rapid advancements in AI, particularly generative AI, are driving a demand for new skills in the workforce. Despite the overall decline in job postings in the tech industry, there has been a notable increase in positions related to AI and machine learning.

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Class: I B.Sc.cs-B

Date: 28/8/24

Latest news about Zoho :

Zoho and Mastercard have expanded their partnership to benefit small businesses.

Zoho has launched a flexible billing platform.

Zoho has introduced an email client for salespeople.

Zoho has launched a new unified communications platform.

Zoho has launched Zoho Practice for accountants.

Zoho has announced a 65% year-over-year upmarket growth.

Zoho has launched Ulaa, a homegrown privacy-centered web browser.

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Class: 1-Bsc CSDA

Date: 28/8/24

**IBM to close China R&D department, affecting over 1,000 jobs**

IBM to completely shut down its China R&D operation, impacting over 1,000 jobs. IBM opens new tab will completely shut its China R&D operation, affecting more than 1,000 jobs, the U.S. technology company said on Monday. A spokesperson for IBM, currently the world's biggest technology services company, confirmed earlier media reports in a statement to Reuters, saying " these changes will not impact our ability to support clients across the Greater China region.

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DEPARTMENT OF COMPUTER SCIENCE (UG)  
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*News World*

Class: II B.SC (CS)-A

Date 28/8/24

## Google reveals Android 15 rollout timeline and it is not arriving as early as you would hope

Google shifted its strategy this time. Usually, the Pixels are launched with the latest Android iteration. Just like Apple does for its iPhones. However, this time, Google launched the Pixel 9 series two months earlier than its regular timeline (August instead of October), but there has been no confirmation on the timeline for the rollout of the Android 15. Until now. Google has confirmed the rollout timeline for its latest iteration of Android. But if you were hoping Android will also be released early this year because the Pixels came out early, then you may be in for a disappointment. Google has revealed that Android 15 will be available in October.

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*J. A. Dilip*

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*P.M. 29/8/24*



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*News World*

Class: II-B.Sc. CS with DA

Date: 28/8/24

**PROGRESSIVE WEB APPLICATION**

A **progressive web application (PWA)**, or **progressive web app**, is a type of application software delivered through the web, built using common web technologies including HTML, CSS, JavaScript, and WebAssembly. It is intended to work on any platform with a standards-compliant browser, including desktop and mobile devices.

Since a progressive web app is a type of webpage or website known as a web application, it does not require separate bundling or distribution. Developers can simply publish the web application online, ensure that it meets baseline installation requirements and ensure that users will be able to add the application to their home screen.



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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: B.sc(cs)III-A

Date: 28.9.24

Apple announces "It's Glowtime" iPhone 16 launch event for September

Apple has officially set the stage for its upcoming annual iPhone event, with an event scheduled for September 9. This is set to take place at the Steve Jobs Theater located within the company's Apple Park campus in Cupertino, California. Initially, the launch was expected to occur on September 10, but the company has opted to advance it by one day in order to avoid a potential overlap with the first presidential debate between Vice President Kamala Harris and Republican nominee Donald Trump. The event – titled "It's Glowtime"- will be streamed live across Apple's official channels, including its website, TV app, and YouTube channel, at 10:00 AM Pacific Time (1:00 PM Eastern Time, 10:30 PM Indian Standard Time).



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**Ms.S.DEVIPRIYA**



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**D.sneha**

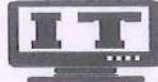
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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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*News World*

Class: I BSC(CS)A

Date: 29/8/24

**NITES approaches labour department over delay in fresher onboarding at Infosys**

We have filed a formal complaint against Infosys for the ongoing exploitation and unprofessional treatment of over 2,000 young engineering graduates who were selected for system engineer (SE) and digital specialist engineer (DSE) roles during the 2022-23 recruitment drive," Harpreet Singh Saluja, president of Nascent Information Technology Employees Senate (NITES) said in a statement on Tuesday.

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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: I B.Sc.cs-B

Date: 29/8/24

**Latest news about Infosys:**

Infosys has announced an expanded strategic collaboration with ServiceNow to provide end-to-end managed services.

Infosys has launched a new initiative for Infosys Springboard with Table Tennis Victoria to nurture young leaders from within the sport.

Infosys has launched a new proximity center in Sofia, Bulgaria as part of its continued growth in Europe.

Infosys has announced a strategic long-term collaboration with TK Elevator, one of the world's leading urban mobility companies.

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*29/8/24*



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DEPARTMENT OF COMPUTER SCIENCE (UG)  
DBT STAR SPONSORED DEPARTMENT



Class: I - BSC CS (DA)

Date: 29/8/24

## Google competitor: OpenAI tests AI search engine SearchGPT

The announcement is unlikely to generate much enthusiasm in Mountain View: OpenAI has announced its own search engine, SearchGPT, thereby further increasing the pressure on Google.

OpenAI is working on SearchGPT, a prototype of an AI search engine. The company is currently testing the tool in a small group of users and publishers to get initial feedback, as it says in its own blog. In the future, the function will then be integrated directly into ChatGPT.

SearchGPT will not only provide links to relevant pages, but also basic answers/information on search queries and the opportunity to ask follow-up questions, similar to a natural conversation. Results will always be provided with references or links to the source of the respective information. In principle, OpenAI promises close cooperation with the content suppliers - and certainly wants to anticipate critics who have criticized the company's previous handling of freely accessible data in the context of training AI models.

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(AUTONOMOUS)



**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
DBT STAR SPONSORED DEPARTMENT



*News World*

Class: II B.SC (CS)-A

Date *29/8/24*

**Social platform X edits AI chatbot after election officials warn that it spreads misinformation**

Top election officials sent a letter to Elon Musk complaining that the platform's AI chatbot, Grok, produced false information about state ballot deadlines.

Social media platform X has made a change to its AI chatbot after five secretaries of state warned it was spreading election misinformation.

Top election officials from Michigan, Minnesota, New Mexico, Pennsylvania and Washington sent a letter this month to Elon Musk complaining that the platform's AI chatbot, Grok, produced false information about state ballot deadlines shortly after President Joe Biden dropped out of the 2024 presidential race.

*S. S. Devi Priya*  
*29/8/24*

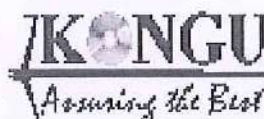
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*29/8/24*



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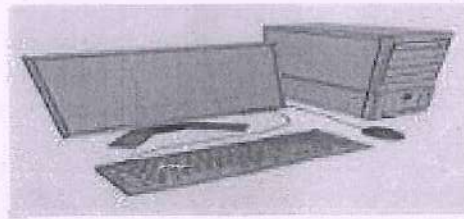
**DEPARTMENT OF COMPUTER SCIENCE (UG)  
DBT STAR SPONSORED DEPARTMENT**



*News World*

Class: II-Bsc-CS -B

Date: 29/8/24



- India's Gen AI investment surges, but funding dips: Nasscom.
- GCCs on the hunt: IT companies becoming hotspots for senior talent.
- Location intelligence is accelerating industries towards smarter and more productive goals.
- IT companies go startups way, appoint chief growth officers.
- What will be the future of IT companies?

By the year 2025, the Indian business services and IT sector is expected to reach US\$ 19.93 billion. The rise and prevalence of cloud is creating a plethora of jobs in the IT industry and is expected to create jobs for about 14 million people by 2026. This can boost India's GDP by US\$380

*S. L. 29/8/24*

**STAFF INCHARGE**

**Ms.S.DEVIPRIYA**



**SUBMITTED BY**

**K. INDHU SRI**

*P.M. 29/8/24*



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**DEPARTMENT OF COMPUTER SCIENCE (UG)  
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Class: II B.Sc (CS&DA)

Date: 29/8/24

**Apple reduces iPhone prices in India, here are all the new prices**

iPhone sales fell on account of a sales decline in its Greater **China region**, which includes Mainland China, Taiwan, Singapore, and Hong Kong, where sales slid 8% year-on-year, due to strong competition from Huawei, according to analysts. Apple chief financial officer, Luca Maestri added that the company also set a six-month revenue record in India, among other **emerging markets**. "We were particularly pleased with our strong momentum in emerging markets, as we set first-half revenue records in several countries and regions including Latin America, the Middle East, India, Indonesia, the Philippines, and Turkey," Maestri said. Cook said that Apple is producing iPhone in India to stay competitive, and the company's growth in the India market is linked to its operational expansion. "From a pragmatic point of view, you need to produce there to be competitive, and so, yes, the two things are linked from that point of view, but we have both operational things going on and we have go to market and initiatives going on," the executive said. He said Apple sees enormous opportunities from the India market, after opening two stores last year. Apple continues to expand its channels and is also working with the developer ecosystem, resulting in a rapid growth in the base of developers.

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## DEPARTMENT OF COMPUTER SCIENCE (UG) DBT STAR SPONSORED DEPARTMENT

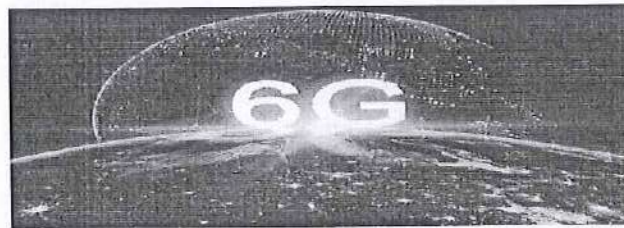


News World

Class: III B.Sc CS- 'A'

Date: 29.8.24

### 6G AND THE PLAN TO CONNECT THE WORLD INTELLIGENTLY



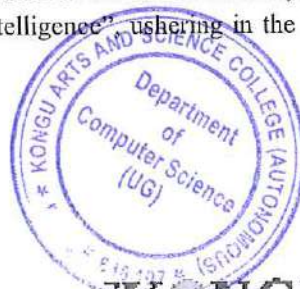
The most intuitive upgrade to 6G is probably a qualitative leap in data transmission speed. In theory, 6G can increase data transmission rates to over 100 times that of 5G, reaching tens of gigabytes or even terabytes per second, "said Liu Guangyi, chief expert of China Mobile Research Institute. Downloading a 1GB movie in a 5G network environment takes at least 3 seconds. In the 6G era, this time will be compressed to less than 1 second or even 0.03 seconds. Compared to 5G, the number of connected nodes in 6G networks has greatly expanded, and the number of connected terminal devices will also increase exponentially. In the future, the objects connected by 6G will not only be humans, but also ubiquitous intelligent agents, robots, etc. "Liu Guangyi further explained that 6G networks, with their ultra-high connection density, can connect hundreds of devices per square meter, thus achieving deep interaction between the physical world and the virtual world.

In the 6G era, we will witness an unprecedented, anytime, anywhere connectivity that reshapes our world, which we call the IoT. With such a connection method, human society is expected to move towards "digital twins" and "ubiquitous intelligence" ushering in the interaction and integration of the physical world and the virtual world.

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*News World*

Class: III- B.SC CS WITH DA

Date: 29/8/24

**Wipro bucks headcount reduction trend, to add  
up to 12,000 freshers in FY25**



Wipro CEO Srinivas Pallia

In March quarter, headcount had dropped by 6,180, down for the sixth straight quarter. The total employees at the end of June stood at 234,391 as compared to 234,054 employees at the end of March.

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*News World*

Class: 1-Bsc CS B

Date: 30.8.20

- **Power program occuring freshers up to 9 lakh of the year**

As part of the campus placement drive, IT services major Infosys has launched a 'power programme' for colleges with differential hiring, offering packages of up to Rs 9 lakh per annum, two people aware of the development told ET. This is substantially higher than the entry-level fresher pay packages of Rs 3-3.5 lakh offered by the Bengaluru-based company.

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Class: I BSC CSDA

Date: 30/8/24

**Reddit faces outage with community site experiencing widespread error, company says 'issue resolved'**

According to The Verge, the status page of the social media site suggested that the website was experiencing a "degraded performance" at 4:16PM ET and it was later acknowledged by the Reddit team around 4:45PM ET and the company said, "A fix has been implemented and we are monitoring the results."

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Class: II - BSc(ES) - B  
Date: 30/8/24

**INFOSYS**

Based on data reported through CDP's 2022 Climate Change questionnaire, Infosys is one of a small number of companies that achieved an 'A' out of nearly 15,000 companies scored.

In 2024, the software development landscape will constantly evolve with the latest technologies in software taking center stage. Startups, businesses, and companies must understand the significance of staying ahead in this dynamic field. The latest software technologies not only drive innovation but also hold the potential to transform industries. It is crucial to embrace these advancements to remain competitive and relevant in the IT industry. Aloa, an expert in software outsourcing, brings expertise and experience to the software industry. With a deep understanding of software development trends, Aloa is well-equipped to guide businesses in harnessing the power of the latest technologies. Aloa's knowledge and insights are invaluable for startups and established companies in this ever-changing digital landscape.

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**DEPARTMENT OF COMPUTER SCIENCE (UG)**  
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Class: III B.Sc CS - A

Date: 30.8.24

**Nasscom announces cohort of 37 GenAI startups for its foundry programme**



Technology industry association Nasscom on Thursday announced the selection of 37 Generative AI startups for the second cohort of its Generative AI Foundry programme. On average, startups in the cohort are two years old and have already raised \$750,000 from institutional investors, Nasscom said. The selected startups include Fluid AI, Sivi, DaveAI, and OnFinance and 30% of them have women in their founding teams, it said.

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DEPARTMENT OF COMPUTER SCIENCE (UG)  
DBT STAR SPONSORED DEPARTMENT



Class: III-B.Sc CS with DA

Date: 30/8/24

## US union and Apple reach tentative labor agreement

The International Association of Machinists and Aerospace Workers (IAM) Coalition of Organized Retail Employees (IAM CORE) reached a tentative agreement with tech giant Apple (AAPL.O), opens new tab on Friday over improvement in work-life balance, pay raises and job security.

Workers at the Towson, Maryland, Apple retail store will vote on the tentative agreement on Aug. 6.

The tentative three-year agreement includes an average pay raise of 10%, limits on contracted employees and a severance clause, improvement in work-life balance and rules on transparency. The deal will maintain all current benefits and an agreement to bargain over any future additions.

Workers at Apple's Towson store voted in favor of authorizing a strike in May.

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