



KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)



DEPARTMENT OF COMPUTER SCIENCE (UG)
DBT STAR SPONSORED DEPARTMENT



News World

Class: II B.SC (CS)-A

Date: 13/06/2024

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 28, 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.

S. A. P. 13/06/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

P.T.KISHORE.





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News World

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

Date: 13.6.24

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.

S. L. A. 13/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



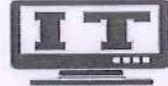
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C.GHUGAN

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News World

Class: II-B.Sc. CS with DA

Date: 13-06-24

GENERATIVE AI

Generative AI is a type of artificial intelligence technology that can produce various types of content, including text, imagery, audio and synthetic data. The recent buzz around generative AI has been driven by the simplicity of new user interfaces for creating high-quality text, graphics and videos in a matter of seconds.

The technology, it should be noted, is not brand-new. Generative AI was introduced in the 1960s in chatbots. But it was not until 2014, with the introduction of generative adversarial networks, or GANs -- a type of machine learning algorithm -- that generative AI could create convincingly authentic images, videos and audio of real people.



S. S. Devipriya

CLASS INCHARGE:

Ms.S.Devipriya

SUBMITTED BY

DHANUSRI B





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Class: III BSC CS-A

Date: 13.06.24



News World

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

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



S. L. Arun
STAFF INCHARGE

Ms.S.DEVIPRIYA



P.M
12/6/24

SUBMITTED BY

ARUN. A



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News World

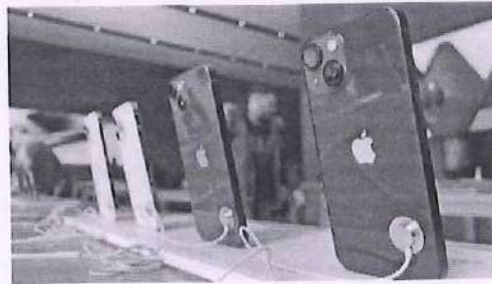
Class: III B.Sc CS – 'B'

Date: 13.6.24

APPLE AGREES TO FIRST UNION CONTRACT DEAL FOR US RETAIL EMPLOYEES

Apple has reached a tentative collective bargaining agreement with retail employees at a store in Maryland, marking the first time the company has made a retail union contract deal in the US.

The deal includes new rules about scheduling, severance, and subcontracting. Before it goes into effect, it must be approved by 85 employees in the bargaining unit. Those employees are expected to vote on Aug. 6, Bloomberg reports. The deal will also increase pay for workers by an average of 10% over three years.



S. S. 13/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



R.M. 13/6/24

SUBMITTED BY

K AKILESH





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News World

Class: III B.Sc. CS with DA

Date: 29.06.2024

Tech Mahindra posts better than expected Q1 performance, headcount increases

Tech Mahindra posted better than expected first quarter results on the back of strong cost savings measures and improved performance in BFSI and communication vertical .In Q1, Tech Mahindra posted a CC (constant currency) revenue growth of 0.7% in sequential teat \$1.55 billion.Net profit of the mid-tier firm increased 21.3% to \$102 million during April-June period. Its operating margin expanded by over 100 basis points to 8.5% from 7.35% reported in the previous quarter .Its deal pipeline improved to \$534 million, which was an increase of 7% over the previous quarter.

It is encouraging to see positive momentum in most industry verticals which has led to revenue growth and margin expansion in an otherwise seasonally weak quarter. We continue to focus on execution and are on track to achieve our stated goals for FY27.” Joshi , CEO of Tech Mahindra said in a statement.

Communication vertical, which contributed 33% to total revenue, witnessed a decline of 1.9% in sequential term. Company’s management informed in a post earnings press conference that the decelerating trend is slowing down and the telecom business is showing some improvement.

S. L. A. 13/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

M .Abinaya



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News World

Class: II -BSC(CS)-A

Date: 14.6.24

Latest Technology News and Information at Tech Revel



To keep your updating with **latest technology**, we should read latest news and information about science and technology through techrevel. Every person know about real power of science and technology and it's benefits and losses. Our scientist everyday invents latest technology for our country as well as for all over the world.

S. Mahanth

STAFF INCHARGE

Ms.S.DEVIPRIYA



S.M
14/6/24

SUBMITTED BY
Mahanth.J.V





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News World

Class: II - B.SC.CS(B)
Date: 14.06.24

- ***Jio's Freedom Offer***: Jio is introducing a Freedom Offer that provides a 30% discount on new AirFiber connections by waiving the ₹1,000 installation charge. The offer runs from July 26 to August 15, 2024.

- ***Nothing Phone (2a) Plus***: London-based tech firm Nothing has introduced its latest smartphone, the Phone (2a) Plus, equipped with the exclusive MediaTek Dimensity 7350 Pro 5G processor. Set to launch on July 31, 2024, this device promises improved performance, gaming, and connectivity.

S. L. P. 14/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

HEMAMALINI

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*P.M.
14/6/24*



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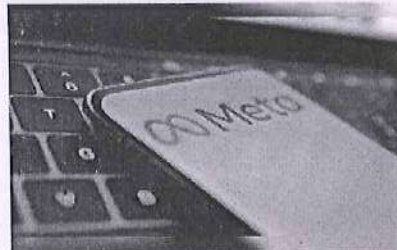


News World

Class: II B.Sc (CS&DA)

Date: 14.06.24

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.

S. L. P. 14/6/24
STAFF INCHARGE
Ms.S.Devipriya



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SUBMITTED BY
Dhanusri U

P. N. G
14/6/24



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News World

Class: III B.SC CS 'A'

Date: 14.06.24

TCS announces plans to hire 40,000 freshers this year

As the global IT sector undergoes significant transformations, India remains a pivotal hub for talent, adeptly navigating the tectonic shifts shaping the industry.

In the June quarter alone, Tata Consultancy Services (TCS) added 5,452 employees, pushing its total headcount to 606,998. The company plans to hire approximately 40,000 freshers in the current financial year, continuing its robust recruitment drive.

Milind Lakkad, TCS's CHRO, underscored India's enduring appeal for talent amidst diverse skill requirements and geopolitical challenges elsewhere. "India is the destination for talent, and that is not going to change in the near future," Lakkad affirmed. He emphasized TCS's initiatives to bridge academia-industry gaps through extensive reskilling and upskilling programs, uniquely positioned at scale. "I am very confident about a positive way forward for Indian talent," Lakkad added, optimistic about future achievements.



Addressing concerns about AI impacting employment, Lakkad reassured that while technology reshapes job landscapes, TCS employees are adept at adapting. TCS has implemented salary increments ranging from 4.5% to 7%, with high performers receiving 10-12%. The Elevate Runway program further incentivizes career growth, particularly for junior employees doubling their compensation through accelerated learning paths.

S. S. DEVI PRIYA
14/6/24
STAFF INCHARGE
Ms. S.DEVIPRIYA



SUBMITTED BY
BALAMANIKANDAN S





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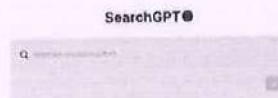


Class: III B.Sc CS – 'B'

Date: 14.6.24

CHATGPT MAKER OPENAI UNVEILS SEARCHGPT AN AI POWERED SEARCH ENGINE

Openai, the company that introduced us to chatgpt recently announced searchgpt, a new AI-powered search engine that might someday take on the likes of Google and Bing. The company says the new search features are “designed to combine the strength of our AI models with information from the web” to offer fast and time answers with clear and relevant sources.



S. 24/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



P.M
14/6/24

SUBMITTED BY

M J ANUSHREE





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Class:III BSc CS with DA

Date: 14.06.24

TCS sets 'conditions' for pay hikes and promotion for its employees

A TOI report says the IT firm has mandated that employees return to the office on all five working days, signaling an end to the work-from-home option for specific teams. The directive has specified that employees must adhere to their designated offices, rather than opting for locations closer to their residences. Some employees are reportedly willing to forego city allowances in exchange for increased flexibility. The HR department is allowing limited work-from-home opportunities on a case-by-case basis, the report added.

STAFF INCHARGE

SUBMITTED BY

Ms.S.DEVIPRIYA

CHAKRAPANI T

S. S. Devipriya
14/6/24



P.M.S
14/6/24



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News World

Class: II B.Sc (CS&DA)

Date: 15.06.24

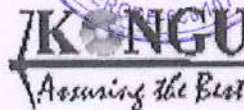
Apple reduces iPhone prices in India, here are all the new prices

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.

S. S. Devi Priya
15/6/24
STAFF INCHARGE
Ms.S.Devipriya



SUBMITTED BY
Divya Darshini S



P.M
15/6/24



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News World

Class: H - BSC(CS) - B

Date: 15.06.24

Recent developments in the IT sector include several significant advancements and strategic moves. Phaidra, a Seattle-based startup specializing in AI-driven industrial operations management, secured \$12 million in a new funding round led by Index Ventures. This highlights the growing interest in AI applications for industrial automation. Additionally, researchers have introduced a new AI tool capable of answering patient queries within electronic health records, reflecting ongoing advancements in healthcare technology.

S. L. (15/6/24)
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

G. JANASRUTHI



P.M
15/6/24



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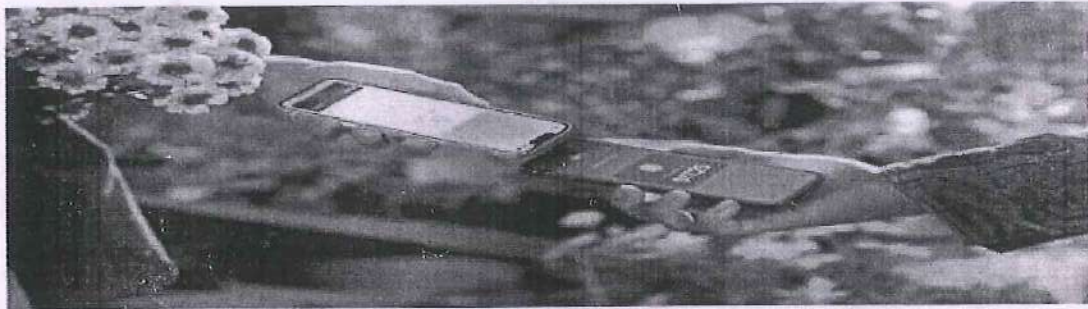


News World

Date: 15/06/2024

Class: II-B.Sc(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, Worldlier, 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.

STAFF INCHARGE

Ms.S.DEVIPRIYA

S. S. Devipriya
15/6/24

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SUBMITTED BY

M.ANISH

M. Anish
15/6/24



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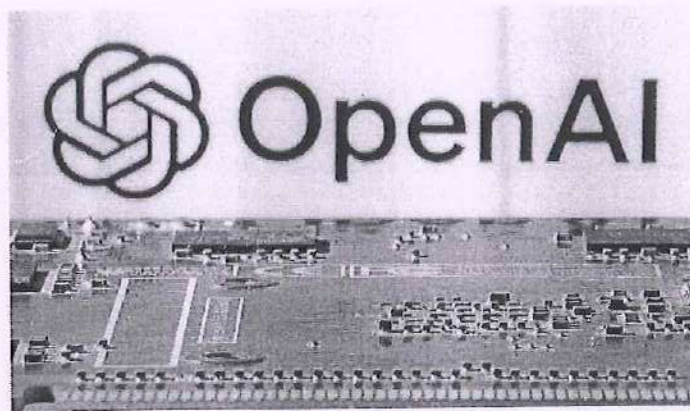


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News World

Class: 111 B.Sc CS - A'
Date: 15.06.24



OpenAI finally unveiled GPT-4o mini, a smaller and significantly cheaper version of their flagship GPT-4o large language model. This new model promises strong performance on a budget.

One of the major challenges in AI development has been the high cost associated with using powerful language models. Training and running these models require significant computational resources, making them a barrier for smaller businesses and individual developers. GPT-4o mini directly addresses this issue.

S. L. Ma
15/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

K.CHARANYA DEVI

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P.M.S
15/6/24



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Class: III B.Sc CS – 'B'

Date: 15.6.24

TAILORING UNIVERSITY ASSESSMENTS IN THE AGE OF CHATGPT

Generative AI tools such as ChatGPT are poised to make far-reaching changes to how we approach writing tasks. Among other things, they'll make some tedious and difficult parts of the writing process easier. Sam Altman, the CEO of OpenAI, has compared the release of ChatGPT to the advent of the calculator. Calculators brought about enormous benefits; ChatGPT will, Altman claims, do the same. Schools have adapted to calculators by changing how math is tested and taught; we now need to do the same for ChatGPT. Rather than comforting us, the parallel with calculators should alert us to the magnitude of the task we face.



S. A. A. 15/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

V ARUL MOZHI





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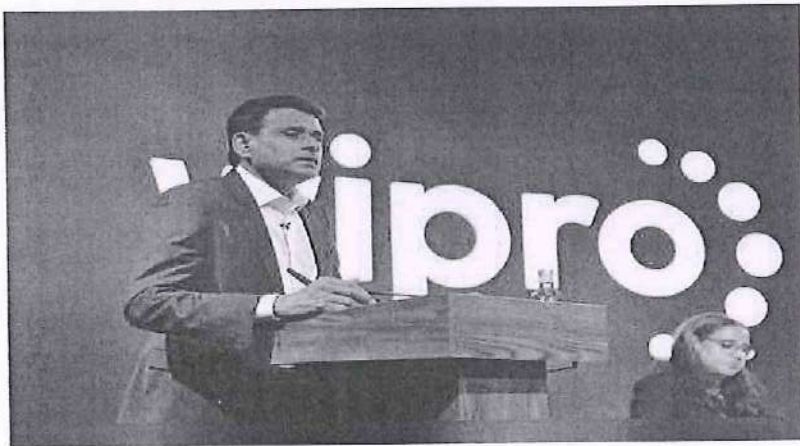


News World

Class: III- B.SC CS WITH DA

Date: 15-06-24

**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.

S. H. A. 15/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

R.DEEKSHANA

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News World

Class: II B.SC (CS)-A

Date: 17/06/2024

Google says its AI is maths wizard, gets silver in Mathematical Olympiad

Google's AI systems, AlphaProof and AlphaGeometry 2, demonstrated their prowess by achieving silver medal-level performance at the International Mathematical Olympiad.

This milestone showcases AI's potential in solving complex mathematical problems, bridging the gap between human and machine capabilities.

Google's AI has just proven it can do more than recommend cat videos or predict your next text – it's now showing off its maths muscles at an international level.

In a surprising turn of events, Google's AI systems, AlphaProof and AlphaGeometry 2, have bagged a silver medal-level performance at the International Mathematical Olympiad (IMO), one of the toughest maths competitions on the planet.

S. J. P. 17/6/24

STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

V.MAHASVIN





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News World

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

Date: 17.06.24

Statistical and mathematics

Their definition consists of three categories: techniques for processing, the application of statistical and mathematical methods to decision-making, and the simulation of higher-order thinking through computer programs. Based on the storage and processing technologies employed, it is possible to distinguish four distinct phases of IT development: pre-mechanical (3000 BC-1450 AD), mechanical (1450-1840), electromechanical (1840-1940), and electronic (1940 to present).

S. H. (17/6/24)
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

R.JEEVAPRIYAN

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Class: II B.Sc (CS&DA)

Date: 17.06.24

AWS collaborates with ShellKode to train 1 lakh women developers in GenAI

As per the company's statement, the partnership will pair aspiring women developers with experienced Gen AI mentors, who will provide them with personalized guidance, career advice, and a supportive network. This includes facilitating networking events, seminars, and fostering vibrant online communities where they can connect with each other and industry professionals.

"EmpowerHer isn't just a program, it's a revolution. We're empowering a generation of aspiring developers, particularly women, with the cutting-edge tools and knowledge of AI to transform India's innovation landscape and shape the future of enterprise," said Arun Kumar, CEO of ShellKode.

S. S. Devipriya
17/6/24

STAFF INCHARGE
Ms.S.Devipriya



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SUBMITTED BY
Gurushankar P J

G. M.
17/6/24



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News World

Class: III B.Sc CS – 'A'

Date: 17.06.24

SamBlogs: A Global SEO Agency Empowering Businesses to Thrive in Their Communities :

SamBlogs empowers businesses with the highest quality digital marketing services to help them thrive in their communities. The company provides tried and tested marketing tactics to assist businesses in realizing their marketing goals.

Hiring the digital market services of an SEO agency is often a hard investment decision for some businesses. However, understanding the urgency of hiring digital marketing services is crucial to thrive in the competitive business environment. From improving search engine rankings to generating more traffic for a business website, global SEO agencies like SamBlogs are dedicated to helping businesses achieve their goals more effectively and efficiently to flourish in their communities.

S: 4/17/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

DHANUSH.V

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P.M
17/6/24



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Class: III B.Sc CS – 'B'

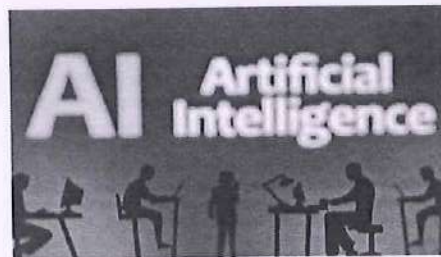
Date: 17.6.24

EX-OPENAI RESEARCHER TO START NEW COMPANY

FOCUSED ON AI TEACHING ASSISTANTS

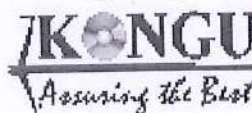
Andrej Karpathy, a former openai executive and Tesla executive, is launching a new AI education company called Eureka Labs, which will develop AI teaching assistants that can provide personalized support to students

The AI teaching assistants will work with human teachers and can even be modeled on famous personalities. The company's first product will be LLM101, an undergraduate course focused on training AI models. Eureka Labs will be "AI native," meaning that generative AI will be integrated into the education platform.



S. L. Ma
17/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY
VE ARUNPRASAATH

P.M
17/6/24



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Class: III- B.SC CS WITH DA

Date: 17.06.2024

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.

S. L. P. (17/6/24)
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

S.M.DEEPAN KUMAR

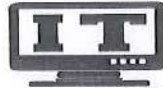




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News World

Class: II B.Sc CS-A

Date: 18.6.24

IT sector slowdown's impact being seen in overall white-collar job market

The number of open positions in the IT services sector stood at 50,000 at the end of January, down 21% from a year ago and over 60% from two years ago, according to data from LinkedIn and other top job boards put together by specialist staffing firm Xpheno. About 80% of the data sample represents entry-level hiring (0-2 years experience), indicating that the slump is mainly on account of a near freeze at the bottom of the pyramid for IT companies.

The drop in hiring comes despite an 8-9% decline in attrition at the tech services companies, reflecting the fact that not only are new jobs not created but companies are cautious about replacement hiring too, said experts. "The 67% drop in IT sector's collective talent demand over two years is primarily driven by the IT services cohort's low-to-no hiring action," said Kamal Karanth, co-founder, Xpheno

S. L. A. 18/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



P. N. J. 18/6/24

SUBMITTED BY

J.HARNI

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(AUTONOMOUS)
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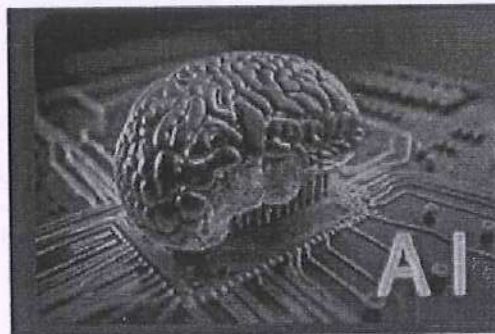
Class:II Bsc (cs) A

Date: 28.07.2024

ARTIFICIAL INTELLIGENCE

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

As the hype around AI has accelerated, vendors have scrambled to promote how their products and services incorporate it. Often, what they refer to as "AI" is a well-established technology such as machine learning.



S. S. Devipriya
18/7/24

STAFF INCHARGE
Ms.S.DEVIPRIYA

SUBMITTED BY
DHARSHINI. S

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News World

Class: II-BSC-CS'B

Date: 18.06.24

Gemini 1.5 flash

A few months ago at the Google I/O 2024, the tech giant unveiled Gemini 1.5 Flash, the newest member in the Gemini family of large language models that excels at “summarisation, chat applications, image and video captioning, extracting data from long documents and tables and more.”

- Gemini 1.5 Flash now supports over 40 languages and is accessible in more than 230 countries
- Gemini 1.5 Flash is now accessible to all users on both web and mobile platforms, supporting over 40 languages in more than 230 countries

S. H. (18/6/24)

STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY
Kailash.G

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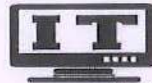
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News World

Class: II B.Sc CS&DA

Date: 18.06.24

OLA'S FOUNDER DECIDES TO SELL HIS SHARES

Ola Electric founder Bhavish Aggarwal is due to sell almost 38 million shares as part of the offer for sale (OFS), the company said. This is about 20% lower than the 47.4 million share sale indicated in the draft prospectus filed in December 2023.

In Saturday's red herring prospectus (RHP), Ola Electric said its public offering would open for institutional investors a day earlier on Thursday.

The offer for sale (OFS) component has been reduced to just under 85 million shares, as against over 95 million listed in the draft prospectus. However, the fresh issue of shares, via which it plans to raise Rs 5,500 crore, remains unchanged.

S. L. / 18/6/24
STAFF INCHARGE
Ms.S.Devipriya



SUBMITTED BY
Jaya shree S

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18/6/24



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News World

Class: III BSC CS-A

Date: 18.06.24

- 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.
- The demand for AI prompt engineers has gone up by 300% on a year-on-year basis. This comes on the back of rapid adoption of generative AI technologies such as ChatGPT, DALL-E, and other large language models (LLMs)," said Jaideep Kewalramani, COO at Team Lease Edtech.
- AI centric companies are also investing in integrating generative AI capabilities with their core business functions, thereby generating additional demand.



STAFF INCHARGE

Ms.S.DEVIPRIYA

S. S. Devipriya
18/6/24



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GOKUL. K

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News World

Class: III B.Sc CS – 'B'

Date: 18.6.24

TATA ELXSI INAUGURATES MOBILITY INNOVATION CENTRE IN BENGALURU

Tata Elxsi and Emerson's TENMIC in Bengaluru focuses on automotive innovation, emphasizing electrical/electronic architecture, electrification, and connectivity. Shaju S mentions its connection to India's R&D ecosystem and global OEMs. The centre advances software-defined vehicles, EV systems, and autonomous driving. Shitendra Bhattacharya from Emerson highlights comprehensive automated solutions and testing in India & ASEAN. Technology services provider for the automotive and transportation industry Tata Elxsi has inaugurated a mobility innovation centre in Bengaluru. Set up in collaboration with global automation firm Emerson, the Tata Elxsi + NI Mobility Innovation Centre (TENMIC), aims to accelerate automotive innovation, software solutions, and global automotive expertise, a company statement said. TENMIC brings together advanced technologies and systems from Emerson's Test & Measurement business (formerly NI), combined with Tata Elxsi's deep automotive engineering, data analytics, and digitalisation

S.A.M
18/6/24
STAFF INCHARGE
Ms.S.DEVIPRIYA



SUBMITTED BY
S BALAJI



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Class:II B.Sc CS-A

Date: 19.06.24

India can be third pillar of growth with US, UK: TCS CEO K Krithivasan

Emerging markets like India will be very important for the future growth of Tata Consultancy Services and not operating in these markets will be a lost opportunity, chief executive officer K Krithivasan said.

India's largest software exporter, which reported better than expected revenue growth in the first quarter of this fiscal, is expecting greater clarity on technology spends once the US completes its presidential elections in November and the much-anticipated interest rate cuts by its Federal Reserve kicks in by year end. In an interview with Sameer Ranjan Bakshi and Surabhi Agarwal, the 59-year-old CEO pointed to his company's deepening engagement with other Tata Group firms. The company recently inked a \$ 1 billion partnership with Tata subsidiary - JLR (Jaguar Land Rover). Edited excerpts

S. S. A
19/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY
C.INFANTA MERLIN

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News World

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

Date: 19.06.24

- ***Boy Drowns in Swimming Pool***: A five-year-old boy drowned in a swimming pool of a residential complex in Gurugram's sector 37. The incident took place yesterday in BPTP Park Serene in Gurugram.
- ***Airports Clearing Backlog***: Airports across India are still grappling with issues from yesterday's massive Microsoft outage. Although the situation has improved significantly since Friday's chaotic scenes, passengers continue to face challenges, particularly at Delhi's airport.
- ***BMW Hit-and-Run Case***: Mihir Shah, the 24-year-old son of a politician, was arrested yesterday for allegedly running his BMW over a woman in Mumbai on the morning of July 6. Shah was arrested yesterday evening after being on the run for over 72 hours

S. L. A. 19/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

KANCHANA.M

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News World

Class: II B.Sc (CS&DA)

Date: 19.06.24

US union and Apple reach tentative labour agreement



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. In June 2022, Apple workers at Maryland voted to join the International Association of Machinists and Aerospace Workers union, becoming the first retail employees of the tech giant to unionize in the United States. Apple did not immediately respond to a request for comment.

S. L. 19/6/24

STAFF INCHARGE
Ms.S.Devipriya



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SUBMITTED BY
JAYESH S N



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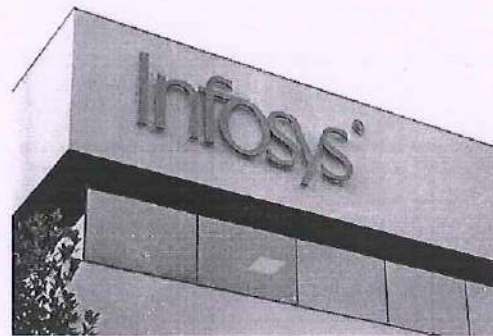
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News World

Class: *III* - BSC CS - A

Date: *19.06.24*



Total employees at Infosys for the period ending June stood at 315,332 as compared to 317,240 in the March quarter. The employee count declined by 20,962 from a year ago. Infosys said its first-quarter net profit declined 20.1% sequentially, despite seeing a revenue gain of 3.7% quarter on quarter.

S. 28/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



P.M.G
19/6/24

SUBMITTED BY

M. Gowtham





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Class: III B.Sc CS – 'B'

Date: 19.6.24

MICROSOFT OUTAGE IMPACTS MICROSOFT 365 USERS, AIRLINES, AND BANKS

Microsoft has said that a service outage is preventing Microsoft 365 users from accessing several apps and services worldwide. According to the company's Service Health Status page, a configuration change in a part of their Azure backend workloads is causing interruption between storage and compute resources. Microsoft was quick to acknowledge the issue and said they remain committed in treating this event with the highest priority and urgency while we continue to address the lingering impact for the remaining Microsoft 365 apps that are in a degraded state



S. L. P. 19/6/24

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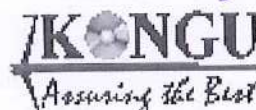
Ms.S.DEVIPRIYA



P.M. 19/6/24

SUBMITTED BY

P DARSHINI





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News World

Class: II - B.Sc - CS - A

Date: 20.06.24

Microsoft's LinkedIn settles advertisers' lawsuit over alleged overcharges

July 26 (Reuters) - LinkedIn agreed to pay \$6.625 million to settle a proposed class action accusing the Microsoft (MSFT.O) unit of overcharging advertisers by inflating how many people watched video ads on its platform.

A preliminary settlement was filed late on Thursday in San Jose, California federal court, and requires approval by U.S. Magistrate Judge Susan van Keulen in San Jose, California.

LinkedIn denied wrongdoing. It also agreed to use reasonable efforts for two years to hire an outside auditor to review its ad metrics.

Advertisers led by TopDevz of Sacramento, California and Noirefy of Chicago accused LinkedIn of inflating ad metrics by counting video ad "views" from users' LinkedIn apps, even when videos played only off-screen because users scrolled past them.

The lawsuit began two weeks after LinkedIn disclosed in November 2020, that its engineers fixed software bugs on the business-focused social media platform that may have led to more than 418,000 overcharges, most under \$25.

STAFF INCHARGE

Ms.S.DEVIPRIYA

S. S. Devipriya
20/6/24



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20/6/24

SUBMITTED BY

JAIVINISHA V K



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News World

Date: 4-B.Sc(CS)-B

Class: 20.06.24

Google Bard launches in EU, overcoming data privacy concerns in the region



Google has announced it is making its Bard chatbot available in the EU and Brazil, five months after the company opened it up for early access. To date, residents in EU countries have been unable to access the company's ChatGPT rival due to issues surrounding data privacy concerns. In addition to making Bard more widely available, Google has also introduced a host of new features including text-to-speech capabilities, shareable Bard conversation links, Google Lens compatibility, and the ability to customize Bard responses – for example, adjusting for tone and style. Bard is also now available in over 40 new languages including Arabic, simplified and traditional Chinese, German, Hindi, Spanish, according to a blog post by Jack Krawczyk, product lead for Bard. "As part of our bold and responsible approach to AI, we've proactively engaged with experts, policymakers and privacy regulators on this expansion," Krawczyk wrote. "As we bring Bard to more regions and languages over time, we'll continue to use our AI Principles as a guide, incorporate user feedback, and take steps to protect people's privacy and data." The link to the privacy and data protection guidelines details information including the length of time Bard stores user information, how users can change that timeframe, and the type of information it stores.

STAFF INCHARGE
Ms.S.DEVIPRIYA

S. L. Priya
20/6/24



SUBMITTED BY
M.KAVIN

M. Kavin
21/6/24



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News World

Class: II B.Sc (CS&DA)

Date: *20.06.24*

OpenAI enters Google-dominated search market with SearchGPT

OpenAI said it has opened sign-ups for the new tool, which is currently in the prototype stage and is being tested with a small group of users and publishers. The company plans to integrate the best features from the search tool into ChatGPT in the future. "AI-powered search tools from OpenAI and Perplexity re-affirm search as a content engagement model but pressure Google to be better at its own game," Canaccord Genuity analyst Kingsley Crane said. Google dominates the search engine market with a 91.1% share as of June, according to web analytics firm Statcounter. SearchGPT will provide summarized search results with source links in response to user queries, OpenAI said in a blog post. Users will also be able to ask follow-up questions and receive contextual responses.

The company will give publishers access to tools for managing how their content appears in SearchGPT results. News Corp and The Atlantic are publishing partners for SearchGPT. SearchGPT signals a closer collaboration between publishers and OpenAI, following content licensing agreements with major organizations like Associated Press, News Corp and Axel Springer.

S. S. Devi Priya
20/6/24

STAFF INCHARGE
Ms.S.Devipriya



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Janikaa A U



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News World

Class: II B.Sc CS -A

Date: 19.06.24



Total employees at Infosys for the period ending June stood at 315,332 as compared to 317,240 in the March quarter. The employee count declined by 20,962 from a year ago. Infosys said its first-quarter net profit declined 20.1% sequentially, despite seeing a revenue gain of 3.7% quarter on quarter.

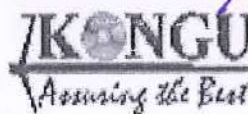
S. L. A. 19/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



*P.N.M
19/6/24*

SUBMITTED BY
Growtham.M





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News World

Class: III BSC CS A

Date: 20.06.24

OpenAI challenges Google with SearchGPT

The introduction of SearchGPT by OpenAI, an AI-powered search engine with real-time internet access, challenges Google's dominance in the search market. Announced on Thursday, the launch places OpenAI in competition not only with Google but also with its major backer, Microsoft, and emerging AI search tools like Perplexity. The announcement caused Alphabet's shares to drop by 3%.

SearchGPT is currently in its prototype stage, with a limited number of users and publishers testing it. The tool aims to provide summarised search results with source links, allowing users to ask follow-up questions for more contextual responses. OpenAI plans to integrate SearchGPT's best features into ChatGPT in the future. Publishers will have access to tools for managing their content's appearance in search results.

Google, which holds a 91.1% market share in search engines, may feel the pressure to innovate as competitors like OpenAI and Perplexity enter the arena. Perplexity is already facing legal challenges from publishers, highlighting the difficulties newer AI-powered search providers might encounter.

SearchGPT marks a closer collaboration between OpenAI and publishers, with News Corp and The Atlantic as initial partners. This follows OpenAI's content licensing agreements with major media organisations. Google did not comment on the potential impact of SearchGPT on its business.

S. L. J. a
20/6/24

STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

A.HARSHNI





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Class: III B.Sc CS – 'B'

Date: 20.6.24

**TESLA FINALLY WARNS EV OWNERS NOT TO ATTEMPT THE WET TOWEL
CHARGING TRICK**

Tesla owners have been officially warned off using the famed wet towel trick. It only took the automaker two months to make the announcement. The trick, in case you don't know, involves dampening a towel and then wrapping it around a Tesla Supercharger handle. This cools down the handle on hot days and allegedly allows the car to charge faster since it doesn't heat up as much as it would in open air.



S. J. 20/6/24
STAFF INCHARGE
Ms.S.DEVIPRIYA



SUBMITTED BY
S DHANUSURAM





KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
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Class: III-B.sc CS WITH DA

Date: 20.06.24



News World

ECB's cyber security test shows 'room for improvement' for banks

FRANKFURT, July 26 (Reuters) - Euro zone banks have "room for improvement" in their cyber security, starting with how they would keep their business running after a hack, the European Central Bank said on Friday.

The ECB's first ever cyber risk stress test was launched in response to a surge in attacks, some with possible geopolitical motives, and its results came a week after a global tech outage that disrupted sectors including finance.

As part of the exercise, 109 banks were told to detail how they would respond to and recover from a successful cyber-attack, such as activating emergency procedures and restoring normal operations.

S. L. P. 20/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY
HARIPRAKASH.K

P.M. 20/6/24



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Class: II B.Sc CS - A

Date: 21.06.24

Amazon racing to develop AI chips cheaper, faster than Nvidia's

The server was packed with Amazon's artificial intelligence chips that compete with those from market leader Nvidia. Amazon is developing its own processors to limit its reliance on costly Nvidia chips - the so-called Nvidia tax - that power some of the artificial intelligence cloud business at its Amazon Web Services, the main growth driver.

Through its homegrown chips, Amazon wants to help customers compute complex calculations and process enormous amounts of data more cheaply. Its rivals Microsoft and Alphabet are doing the same.

While the company's AI chip efforts are nascent, Amazon's workhorse chip Graviton that performs non-AI computing has been under development for nearly a decade and is on its fourth generation. The AI chips, Trainium and Inferentia, are newer designs.

So the offering of up to 40%, 50% in some cases of improved price (and) performance - so it should be half as expensive as running that same model with Nvidia. Sales at AWS, which accounts for just under a fifth of Amazon's overall revenue, surged 17% to \$25 billion in the January-March quarter, compared with a year earlier. AWS controls roughly a third of the cloud computing market, with Microsoft's Azure holding about 25%. During its recent Prime Day, Amazon deployed a quarter million Graviton chips and 80,000 of its custom AI chips to handle the surge in activity across its platforms.

S. S. S. 21/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

MONIKA SRI P S

P.M.S
21/6/24





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Class: II - BSC(CS)-B

Date: 21.06.24

- *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.

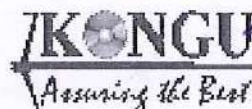
S. Keerthana
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

S. Keerthana





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News World

Class: II-BSC(Computer science with Data Analytics)

Date: 21.06.24

Software,hardware firms hiring talented freshers with highest salaries in India.

As per data, new graduates in the IT–software and hardware industries earn the highest salaries, with averages ranging from Rs 4.07 lakh-Rs 7.49 lakh per annum (LPA), according to the report by talent platform foundit (formerly Monster APAC & ME).

S. S. 21/6/24

STAFF INCHARGE

Ms.S.DEVIPRIYA



*P.M.G
21/6/24*

**SUBMITTED BY
S. KARSHANA**





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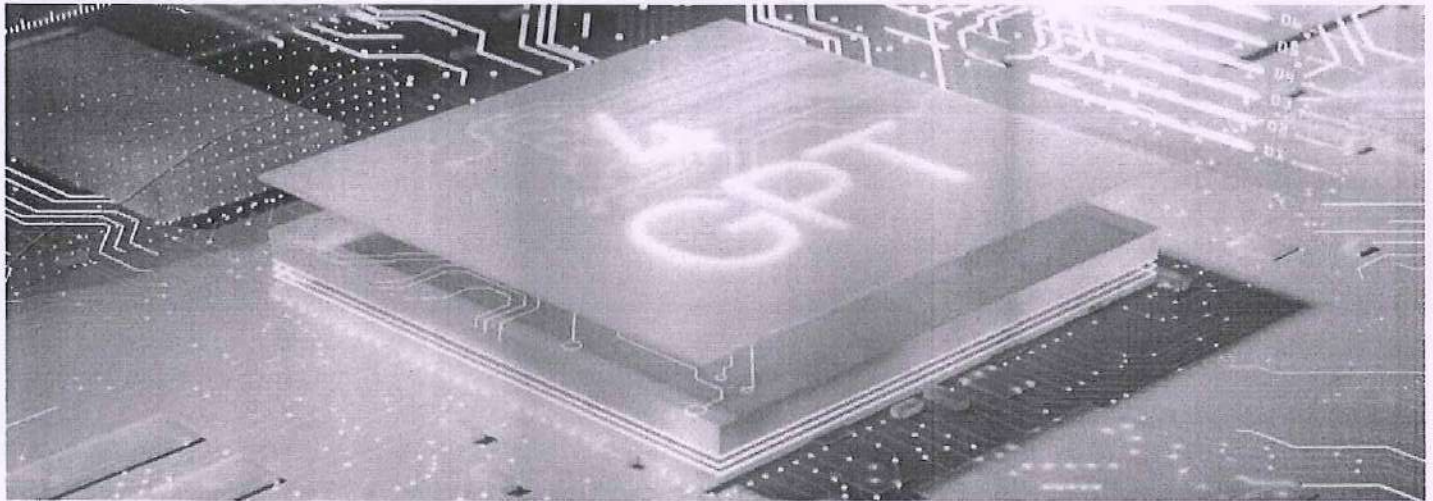
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News World

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

Date: 21.06.24



Small AI models like Phi-3 are gaining traction for their cost-effectiveness and suitability for personal devices, offering optimal performance without compromising on functionality

Microsoft has introduced Phi-3 Mini, the latest addition to its lineup of lightweight AI models. Phi-3 Mini, with 3.8 billion parameters, offers a streamlined alternative to larger language models like GPT-4, catering to users' diverse needs. It is engineered to provide high-quality AI capabilities on local devices, bypassing the need for extensive computing power typically associated with large language models (LLMs) like GPT-4.

STAFF INCHARGE

SUBMITTED BY

Ms.S.DEVIPRIYA

M.INIKA

S. S. Devipriya
21/6/24

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M. Inika
21/6/24



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Class: III B.Sc CS – 'B'

Date: 21.06.24

ELON MUSK STARTS TRAINING WORLD'S MOST POWERFUL AI

Elon Musk's AI venture, xai, has commenced training its large language model (LLM), Grok, on what he claims is the world's most powerful AI training cluster. Located in Memphis, Tennessee, the system is equipped with 1,00,000 Nvidia H100 AI chips. Musk made the announcement on X (formerly Twitter), his other company. Nice work by @xai team, @X team, @Nvidia & supporting companies getting Memphis Supercluster training started at ~4:20am local time," he said in a post. "With 100k liquid-cooled H100s on a single RDMA fabric, it's the most powerful AI training cluster in the world!"



S. S. Devipriya
21/6/24
STAFF INCHARGE

Ms.S.DEVIPRIYA



SUBMITTED BY

V EVELINE JEFFINA





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Class: III B.SC CSDA

Date: 21.06.24

Cyber as a strategic function

While other risks may now feature as top concerns for global CEOs, the cyber environment is evolving quickly – and 77 percent see information security as a strategic function and a potential competitive advantage. Geopolitical uncertainty is increasing worries over corporate cyber attacks for many CEOs (73 percent) compared to previous years (61 percent in 2021). In fact, three out of four CEOs (76 percent) say that protecting their partner ecosystem and supply chain is just as important as building their own organization's cyber defenses.

Growing experience of the challenges of cyber security is also giving CEOs a clearer picture of how prepared – or underprepared – they may be. More CEOs recognize they're underprepared for a cyber attack, with 24 percent admitting so in 2022, compared to 13 percent in 2021; this year, 56 percent say they're prepared, about level with last year. And nearly three-quarters (72 percent) say their organization has a plan in place to deal with a ransomware attack, compared to 65 percent in 2021.

**STAFF INCHARGE
MS.S.DEVIPRIYA**

S. S. Devipriya
21/6/24



**SUBMITTED BY
JAYAKUMAR.B**

J. Jayakumar
21/6/24