



**KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)**



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



*News World*

Class: *11 Bsc CS B*

Date: *02.02.2026*

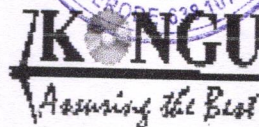
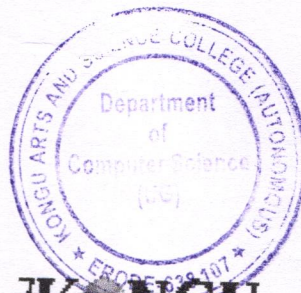
Wipro Leadership Views on AI & IT Services  
Wipro's CEO has emphasized that demand for AI-based IT services is growing globally as companies shift from experimentation to real AI deployments. He pointed out that AI can cut development costs and boost productivity, even though pricing pressure exists because AI-enabled workflows are more efficient. ♦

Reuters

Wipro's Chairman Rishad Premji also stated at the World Economic Forum in Davos 2026 that Indian IT companies, including Wipro, are not laggi

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



Class: II B.SC.CS-B

Date: 02.02.2026

### Latest IT news about Accenture:-

**OpenAI Partnership:** Accenture has teamed up with OpenAI to bring agentic AI systems into enterprise cores, equipping tens of thousands of professionals with ChatGPT Enterprise. This partnership aims to accelerate innovation and growth for clients.

**Salary Hikes:** Accenture rolled out 3-13% salary increments for employees at Level 8 and above, the first hike in over two years, with promotions for 50,000 employees globally, including 15,000 in India.

**Stock Performance:** Accenture's shares are trading around \$266.50, with a market cap of \$152.06 billion. Analysts predict a 10-11.7% upside, with an average target price of \$294.25.

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*News World*

Class: *1 BSC CS & DA*

Date: *02.02.2026*

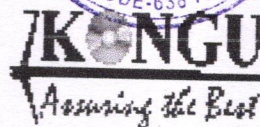
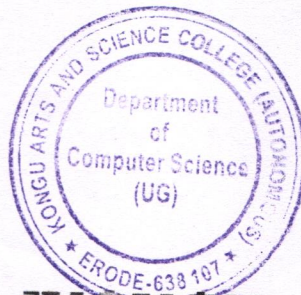
Here's today's TCS news:

- **\*TCS Share Price\***: The stock is maintaining a positive trajectory with a 3.85% return over the past three months, closing at Rs 3102.3 with a trading volume of 4,499,273 shares.
- **\*AI and Data Center Expansion\***: TCS is in talks with AWS and OpenAI to onboard them as anchor customers for its 120 MW Navi Mumbai data center, marking its entry into the standalone AI data center business.
- **\*Partnerships\***: TCS has partnered with AMD to accelerate enterprise AI adoption and

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Class: 11 BSC CS & DA

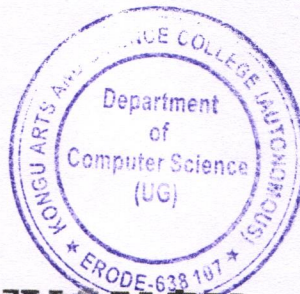
Date: 02.02.2026

**Amazon AWS Partners with Nvidia for Next-Generation AI Chips**

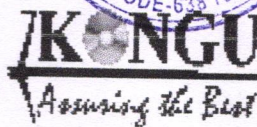
Amazon Web Services (AWS) announced a major partnership with Nvidia to integrate NVLink Fusion technology into future generations of its proprietary AI chips, specifically the upcoming Trainium4 processor. This collaboration enables AWS to build larger AI servers that can recognize and communicate with each other faster—critical for training large AI models that require thousands of interconnected machines. AWS also launched new servers powered by the Trainium3 chip, featuring 144 chips per server with over four times the computing power of previous generations while consuming 40% less energy. Additionally, Amazon unveiled updated versions of its Nova AI models with multimodal capabilities and Nova Forge, enabling businesses to customize models according to their specific data requirements.

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News World

Class: 1 BSc CS A

Date: 02.02.2026

Here's today's news about Zoho:

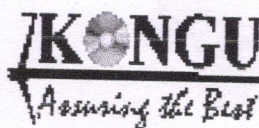
- \*Zoho's Arattai Messaging App\*: Arattai, Zoho's messaging app, is set to introduce a **payment** feature, responding to user suggestions for a robust integrated system. It's also available on Android TV, allowing users to enjoy chats and media on larger screens.
- \*AI-Powered Productivity\*: Zoho founder Sridhar Vembu revealed that the company is using AI coding tools, leading to significant productivity boosts for engineers. Experienced developers are completing ta

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Class: III BSC CSDA

Date: 03.02.2026

**Microsoft introduces AI accelerator for US Azure customers**

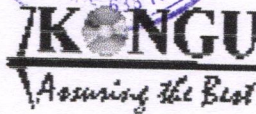
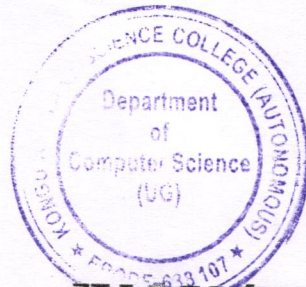
Microsoft has announced that Azure’s US central datacentre region is the first to receive a new artificial intelligence (AI) inference accelerator, Maia 200.

Microsoft describes Maia 200 as an inference powerhouse, built on TSMC 3nm process with native FP8/FP4 (floating point) tensor cores, a redesigned memory system that uses 21 6GB of the latest high-speed memory architecture (HBM3e). This is capable of transferring data at 7TB per second. Maia also provides 272MB of on-chip memory plus data movement engines, which Microsoft said is used to keep massive models fed, fast and highly utilised.

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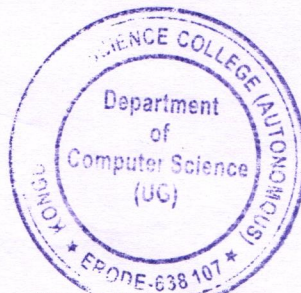
Class: II-BSC.CS-A

Date: 03.02.2026

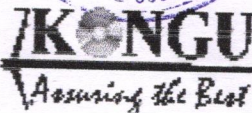
**Oppo Reno 15c Launched With Snapdragon 7 Gen 4 SoC, 6,500mAh Battery:** Price, Specifications: Oppo Reno 15c was launched in China on Monday with a Snapdragon 7 Gen 4 chipset. The newest addition to the Reno 15 series of smartphones comes in three colourways, with 12GB of RAM and up to 512GB of built-in storage. The handset features a 6.59-inch display with up to 120Hz refresh rate and has a triple rear camera unit comprising two 50-megapixel sensors.

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News World

Class: 1 Bsc CS & DA

Date: 03.02.2026

## IT NEWS ABOUT ZOHO

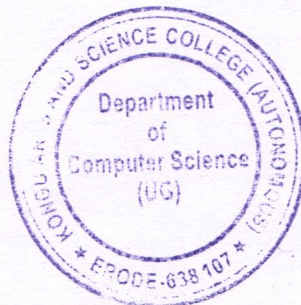


Zoho exploring clearer engineering norms: Founder Sridhar Vembu commented on the need for better terminology around "vibe-coding," a trend affecting engineering discipline - highlighting focus on quality and development practices in tech teams

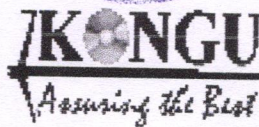
Data centre expansion plans: Zoho intends to grow its infrastructure footprint with new data centres in the Middle East and Africa to boost compliance, performance, and security for global customers.

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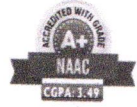
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*News World*

Class: II B.SC.CS-B

Date: 03.02.2026

## Latest IT news about Infosys:-

**Share Buyback Completed:** Infosys wrapped up its ₹18,000 crore share buyback program, with a 55% acceptance ratio for retail investors, exceeding initial expectations.

**Romanian Subsidiaries Merger:** Infosys merged its two Romanian subsidiaries, In-tech Engineering Services and ProIT, to streamline operations, cut costs, and boost efficiency in Europe's IT hub.

**Stock Performance:** Infosys' share price is currently ₹1,616.2, with a 1.42% rise in the IT sector, driven by the rupee's dip to ₹90.13 per USD.

**AI Innovations:** Infosys partnered with FFT to launch AI-powered fan experiences for Roland-Garros 2025 and unveiled its AI-First GCC Model to transform Global Capability Centers into AI hubs.

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Class: 111 B.Sc CS A

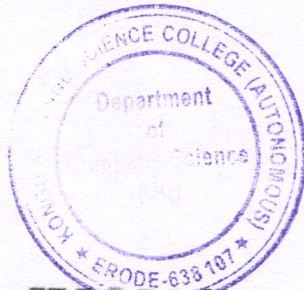
Date: 03.02.2026

### Amazon AWS Partners with Nvidia for Next-Generation AI Chips

Amazon Web Services (AWS) announced a major partnership with **Nvidia** to integrate **NVLink Fusion technology** into future generations of its proprietary AI chips, specifically the upcoming **Trainium4** processor. This collaboration enables AWS to build larger AI servers that can recognize and communicate with each other faster—critical for training large AI models that require thousands of interconnected machines. AWS also launched new servers powered by the **Trainium3 chip**, featuring 144 chips per server with over four times the computing power of previous generations while consuming 40% less energy. Additionally, Amazon unveiled updated versions of its **Nova AI models** with multimodal capabilities and **Nova Forge**, enabling businesses to customize models according to their specific data requirements.

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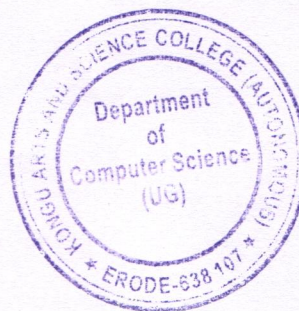
Class: I BSC CS A

Date: 03.02.2026

The Indian IT sector is expected to outperform markets in 2026, driven by the maturation of artificial intelligence (AI) and improved client sentiment. Pankaj Murarka, CIO of Renaissance Investment Managers, predicts a gradual uptick in IT spending and growth trajectory for IT companies. The sector has seen significant investments in AI, with major tech firms committing billions to AI infrastructure and software .

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*News World*

Class: 111 BSC CS B

Date: 03.02.2026

Microsoft is making waves in India with its latest investments and initiatives!

**\$17.5 Billion Investment:** Microsoft is investing \$17.5 billion in India over the next four years to boost cloud and AI infrastructure, skilling, and sovereign digital capabilities.

**AI Skilling:** The company aims to equip 20 million Indians with AI skills by 2030, doubling its previous commitment.

**New Data Center:** Microsoft's largest hyperscale data center in India, located in Hyderabad, is set to go live by mid-2026, with three availability zones.

**Partnerships:** Microsoft has partnered with the Indian government to integrate AI into e-Shram and National Career Service platforms, benefiting over 310 million informal workers.

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Class: I BSc(CS) A

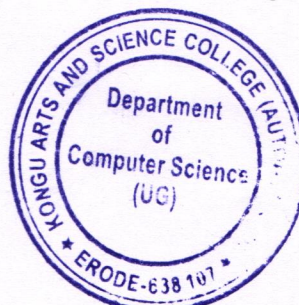
Date: 04.02.2026

## Voice Recognition Systems

Voice recognition systems convert spoken language into digital commands. They are used in virtual assistants, customer service automation, and smart devices. Advances in artificial intelligence have improved speech accuracy and language understanding. Businesses use voice systems to enhance user convenience and accessibility. Voice biometrics also strengthens authentication processes. However, background noise and accent variations remain challenges. Privacy concerns are addressed through encryption and secure data handling. Voice recognition technology continues to evolve, offering more natural human-computer interaction in modern digital environments.

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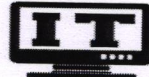
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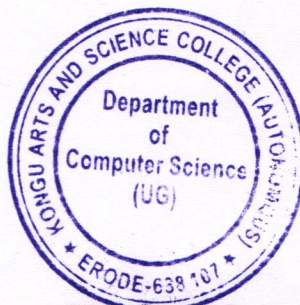
### Remote Desktop Technologies

Remote desktop technology allows users to access computers from distant locations. It supports remote work and technical troubleshooting. Businesses rely on remote access tools for flexibility. Security measures such as encryption protect connections. Recent growth in remote work increased adoption. Proper authentication prevents unauthorized access. Remote desktop systems improve productivity and collaboration.



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Class: *I BSc (CS&DA)*

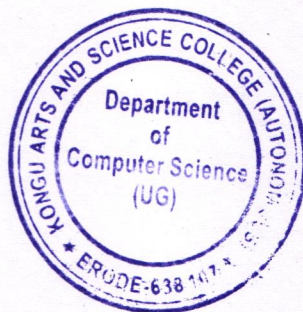
Date: *04.02.2026*

**Smart Manufacturing (Industry 4.0)**

Smart manufacturing uses automation and IoT systems. It improves production efficiency and reduces waste. Factories adopt robotics and data analytics. Real-time monitoring enhances quality control. Cybersecurity protects industrial systems. Industry 4.0 drives innovation in manufacturing sectors.

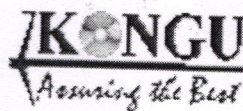
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*S. Sanjay*





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*Class : I BSC CS A*

*Date : 04.02.2026*

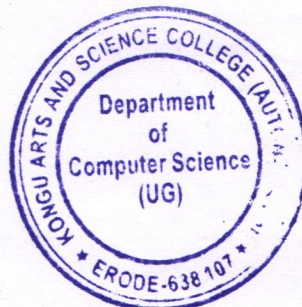
## **Apple adds a new privacy feature in iOS 26.3**

Apple has rolled out iOS 26.3, introducing a new “Limit Precise Location” setting. This feature gives users the option to restrict how much precise location data is shared with cellular carriers, enhancing privacy on iPhones with Apple modems. [9to5Mac]

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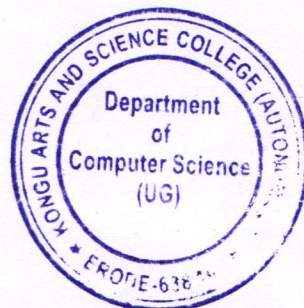
Date: 04.02.2026

Digital Rights Management (DRM)

DRM protects digital content from unauthorized copying. It secures music, videos, and software. Companies use DRM to protect intellectual property. Encryption controls access. Critics raise concerns about user freedom. DRM balances protection and accessibility.

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Class: **II BSC (CS&DA)**

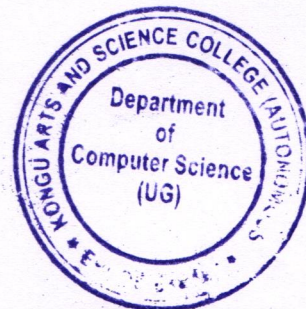
Date: **04.02.2026**

### Smart Home Technologies

Smart home technologies automate household devices. Users control appliances remotely. IoT sensors improve efficiency. Security cameras enhance safety. Energy management reduces costs. Smart homes increase convenience and connectivity.

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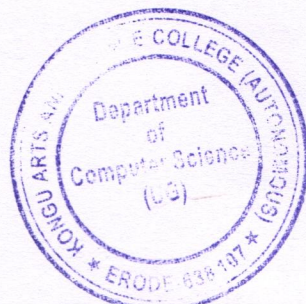
Date: 05.02.2026

**Cloud Computing**

Cloud computing allows users to store, manage, and process data over the internet instead of local systems. It provides flexibility, scalability, and cost efficiency. Popular cloud platforms include AWS, Microsoft Azure, and Google Cloud. Recent IT trends show organizations adopting hybrid and multi-cloud solutions. Cloud computing supports remote work, online education, and digital businesses.

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*News World*

Class: I B.SC CS B

Date: 05.02.2026

**DevOps**

DevOps combines software development and IT operations to improve collaboration. It speeds up software delivery and reduces errors. Recent IT trends show DevOps improving efficiency through automation tools. Continuous integration and deployment are key practices. DevOps enhances product quality and customer satisfaction. Many organizations adopt DevOps to remain competitive. DevOps culture continues to evolve with cloud and automation technologies.

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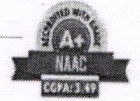


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Class: 1 B.SC CS & DA

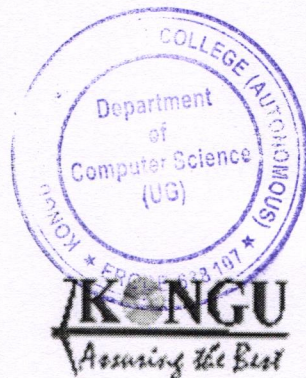
Date: 05.02.2026

**Machine Learning**

Machine learning is a subset of AI that enables systems to learn from data without explicit programming. It improves performance over time. Machine learning is used in spam detection, recommendation systems, and fraud detection. Recent developments focus on deep learning and predictive analytics. Industries rely on machine learning to automate processes and improve accuracy. However, quality data is essential for reliable results.

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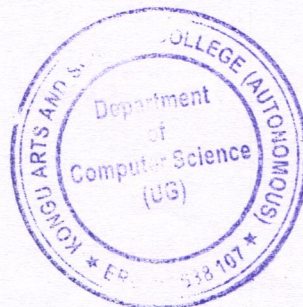
Date: 05.02.2026

### Big Tech's Trillion-Dollar AI Race

Google, Amazon, and Meta are investing unprecedented amounts in AI infrastructure for 2025. Google plans to spend \$85 billion, Amazon \$100 billion, and Meta between \$64–72 billion. This has sparked concerns about environmental sustainability and legal issues, particularly surrounding the use of copyrighted content to train AI models. Meanwhile, Adobe takes a safer path by using only licensed and public-domain data to train its Firefly AI models, along with tools to track content authenticity.

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Class: II B.SC.CS-B

Date: 05.02.2026

**Latest IT news about Microsoft:**

**AI and Cloud Push:** Microsoft is exploring a strategic partnership with Broadcom to develop custom AI chips, aiming to reduce reliance on external suppliers and boost AI capabilities. Azure's cloud revenue grew 40% in Q1 FY26, but capacity constraints remain a challenge.

**TypeScript 7 Updates:** The TypeScript team is making progress on its native code port, promising faster builds and improved performance. TypeScript 6.0 will be the last JavaScript-based release.

**Microsoft 365 Changes:** December updates include retiring the Visio Data Visualizer in Excel, rolling out Microsoft 365 Backup to GCC environments, and enhancing security features like AI-powered threat detection in Entra ID.

**Stock Performance:** Microsoft's shares are around \$483.

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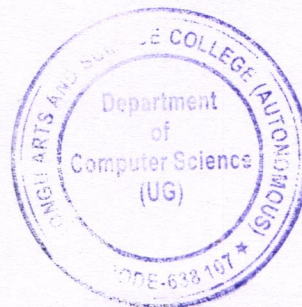
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**Big Tech's Trillion-Dollar AI Race**

Google, Amazon, and Meta are investing unprecedented amounts in AI infrastructure for 2025. Google plans to spend \$85 billion, Amazon \$100 billion, and Meta between \$64-72 billion. This has sparked concerns about environmental sustainability and legal issues, particularly surrounding the use of copyrighted content to train AI models. Meanwhile, Adobe takes a safer path by using only licensed and public-domain data to train its Firefly AI models, along with tools to track content authenticity.

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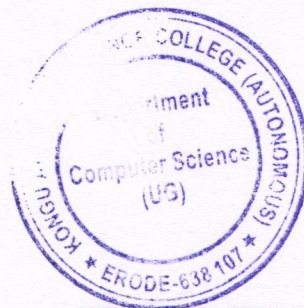
**5G Technology**

**5G** is the fifth generation of mobile network technology offering high-speed connectivity and low latency. It enhances communication and supports advanced applications. Recent IT news highlights the role of **5G** in enabling smart cities, autonomous vehicles, and remote healthcare services. Industries such as gaming and virtual reality benefit greatly from 5G networks.

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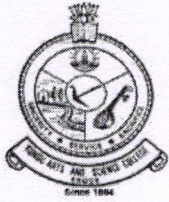


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**Artificial Intelligence (AI)**

Artificial Intelligence is transforming the IT industry by enabling machines to think, learn, and make decisions like humans. AI systems are used in speech recognition, image processing, medical diagnosis, and business analytics. Recent advancements have improved accuracy and efficiency, reducing human effort. In education, AI

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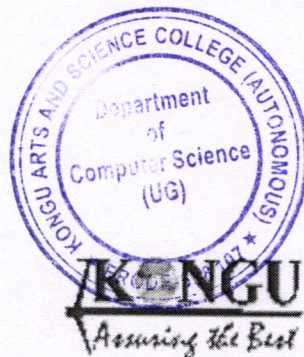
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**Generative AI**

Generative AI is an advanced technology capable of creating text, images, videos, and computer code. Tools like AI chatbots and image generators are widely used by students and professionals. This technology improves productivity by reducing time spent on repetitive tasks. Recent IT news highlights its use in software development, content creation, and customer support.

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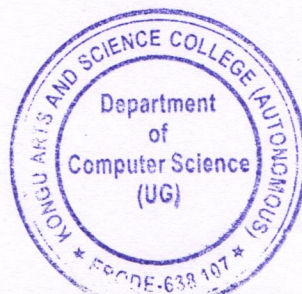
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**Low-Code and No-Code Platforms**

Low-code and no-code platforms allow users to build applications with minimal programming. These platforms are helpful for beginners and non-technical users. Recent developments show businesses adopting them to speed up application development. They reduce dependency on skilled developers and lower development costs. Low-code tools improve productivity and innovation. However, complex applications still require traditional coding. These platforms are transforming software development practices.

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## Digital Forensics

Digital forensics involves investigating cyber crimes by analyzing digital evidence. It helps identify hackers and security breaches. Recent IT news shows increased demand for digital forensic experts. Law enforcement agencies use it to solve cyber crimes. Digital forensics supports cybersecurity and legal investigations. Advanced tools improve evidence accuracy. It plays a crucial role in cyber law enforcement.

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## Software as a Service (SaaS)

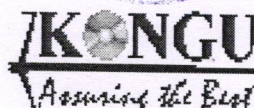
SaaS delivers software applications through the internet on a subscription basis. Users can access software without installation. Popular SaaS products include email services and project management tools. Recent IT trends show rapid SaaS adoption due to flexibility and scalability. It supports remote work and collaboration. Security and data privacy remain key concerns. SaaS continues to dominate modern software distribution.

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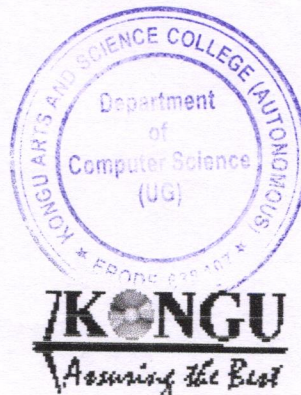
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Date: 06.02.2026

**Motorola unveils 'ultra-thin' Edge 70 in India: Price, specs, and more:** Motorola, on Monday, December 15, expanded its Edge portfolio in India with the launch of its Edge 70 smartphone. The device is powered by the Snapdragon 7 Gen 4 chip, making the Edge 70 the world's first ultra-thin phone on this platform. The device is paired with Moto AI 2.0 and Copilot, Google Gemini, and Perplexity for a smarter, more fluid experience.

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**Smart Cities**

Smart cities use IT solutions to improve urban living. Technologies include IoT, AI, and cloud computing. Recent developments focus on traffic management and energy efficiency. Smart cities enhance public services and sustainability. Data-driven decisions improve city planning. Smart city projects are expanding worldwide.

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**Digital Payments Technology**

Digital payment systems enable cashless transactions. Technologies include UPI, mobile wallets, and contactless payments. Recent IT news highlights growth in digital payments worldwide. They improve convenience and financial inclusion. Security measures protect transactions. Digital payments are reshaping the financial ecosystem.

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**Data Science**

Data science combines statistics, programming, and domain knowledge. It analyzes complex data to gain insights. Recent IT news highlights data science in healthcare prediction and business analytics. Data scientists help organizations make data-driven decisions. Tools and AI improve analysis accuracy. Data science demand is increasing globally. It plays a major role in digital innovation.

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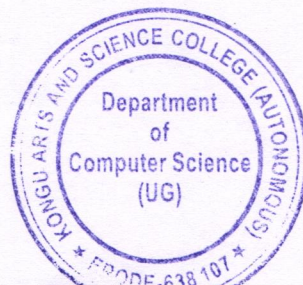
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**Biometric Authentication**

Biometric authentication uses physical characteristics like fingerprints and facial recognition. It provides stronger security than passwords. Recent IT developments show increased use in smartphones and banking systems. Biometrics improve convenience and security. Privacy concerns are addressed through encryption. This technology is becoming a standard security feature. It enhances digital identity protection.

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**E-Governance**

E-governance uses IT to deliver government services digitally. It improves transparency and efficiency. Recent initiatives include online portals and digital payments. Citizens benefit from faster services. E-governance reduces paperwork and corruption. It promotes digital inclusion. Governments continue to invest in e-governance systems.

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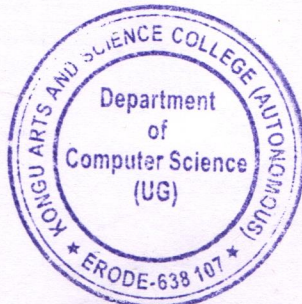
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**Digital Twins**

Digital Twin technology creates a virtual model of a physical system. It helps monitor, analyze, and predict performance in real time. Industries use digital twins in manufacturing, healthcare, and smart cities. Recent IT news highlights their role in reducing maintenance costs and improving efficiency. Engineers can test scenarios virtually before applying them in real life. This technology improves accuracy and decision-making. As computing power increases, digital twins are becoming more advanced and widely adopted across industries.

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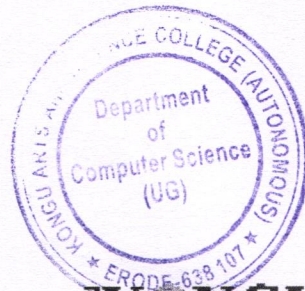
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## General Catalyst Backs AI-Enabled IT Services Roll-Up

General Catalyst has led a \$74 million investment into Titan, a firm aiming to modernize IT services via artificial intelligence. Titan recently acquired RFA, an IT services company with over 400 financial industry clients. The overarching plan is to automate approximately 30% of IT tasks using AI agents, while reinforcing staff capacity through technology upgrades. This differs from conventional private-equity approaches by focusing on long-term growth and technological transformation, with the end goal of going public.

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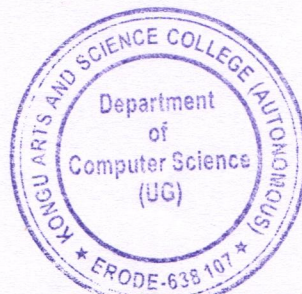
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**OpenAI Launches 'India-First Learning Accelerator' with IIT Madras**

OpenAI has unveiled a significant education initiative in India: the Learning Accelerator program—its first-of-its-kind in the country. Partnering with IIT Madras and key institutions like the Ministry of Education, AICTE, and ARISE schools, the program includes a \$500,000 research grant to IIT Madras to explore how AI can enhance learning outcomes and teaching methods. Over the next six months, OpenAI will distribute 500,000 ChatGPT licenses to educators and students across India and provide training to ensure responsible, effective use. The initiative also incorporates a "Study Mode" in ChatGPT offering step-by-step, curriculum-aligned tutoring. Positioned as one of OpenAI's largest investments in Indian education, the Learning Accelerator reinforces AI's role as a personalized learning assistant and a support tool for teachers.

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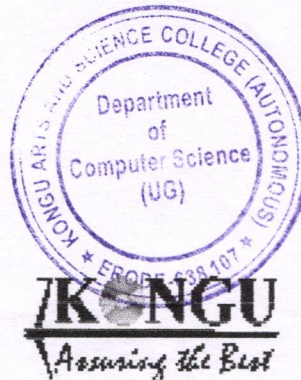
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**Croma December Sale:** iPhone 16 at Rs 40,990, Samsung Galaxy Z Fold 7 at Rs 99,999, Macbook Air M4 at Rs 55,911 and other year-end deals: Croma has announced its year-end sale called 'Cromtastic December Sale'. The sale offers discounts on a range of electronic products from smartphones, laptops, TVs, to washing machines and AC. Croma's year-end sale started December 15, 2025 and will continue till January 4, 2026.

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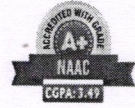


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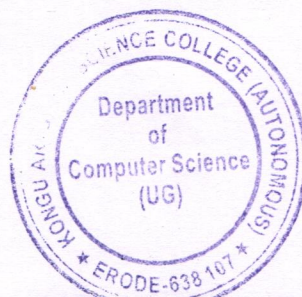
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**Embedded Systems**

Embedded systems are specialized computers designed for specific tasks. They are used in appliances, vehicles, and medical devices. Recent IT news highlights growth in smart embedded solutions. They improve automation and efficiency. Embedded systems are essential in IoT applications. Their demand continues to increase.

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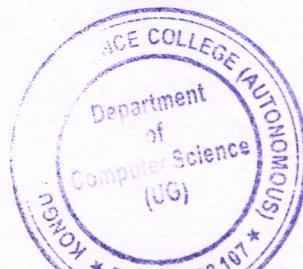
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**IT Governance**

IT governance ensures effective management of IT resources. It aligns technology with organizational goals. Recent IT trends highlight governance frameworks for risk management. Strong governance improves accountability and compliance. Organizations adopt policies to control IT investments. IT governance supports sustainable growth.

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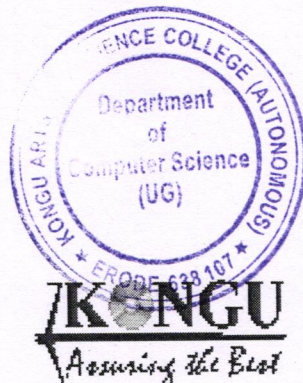
**Human-Computer Interaction (HCI)**

HCI focuses on designing user-friendly computer systems. It improves interaction between humans and machines. Recent IT news highlights HCI in mobile apps and wearable devices. Good interface design improves usability and accessibility. HCI supports inclusive technology development. It plays a key role in modern software design.

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**Virtual Assistants**

Virtual assistants use AI to perform tasks through voice or text commands. Examples include chatbots and smart assistants. Recent developments show virtual assistants improving customer service. They reduce workload and response time. Continuous learning enhances accuracy. Virtual assistants are widely used in businesses and homes.

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**Virtual Reality (VR)**

Virtual Reality creates a computer-generated environment that users can interact with. It is widely used in gaming and entertainment. Recent developments show VR being adopted in education, healthcare training, and engineering simulations. VR provides immersive learning experiences and reduces training risks. Advancements in hardware improve realism and comfort. Although cost remains a factor, VR adoption is increasing steadily. VR technology continues to evolve rapidly.

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**Blockchain Technology**

Blockchain is a decentralized digital ledger used to record transactions securely. It ensures transparency and prevents data tampering. Initially developed for cryptocurrencies, blockchain is now used in banking, supply chain management, and digital identity verification. Recent IT developments focus on improving scalability and energy efficiency. Blockchain enhances trust and security in digital transactions.

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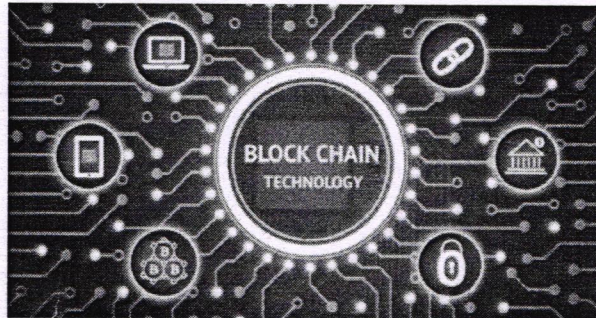


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## Blockchain Technology and Web3



Blockchain technology is a decentralized, shared digital ledger that securely records transactions across many computers (nodes) in linked "blocks," ensuring transparency and immutability without a central authority. Web3 is the vision for the next internet iteration, built on blockchain, aiming for a decentralized, user-owned web where individuals control their data and digital assets, contrasting with today's centralized platforms.

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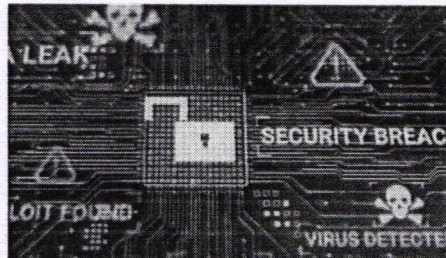
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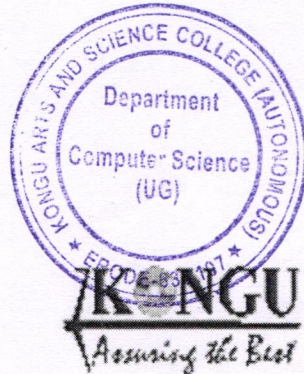
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## Cyber Attacks on Critical Infrastructure

Cyberattacks on critical infrastructure (energy, water, transport, comms) are a growing threat, targeting vital systems like SCADA/OT to cause real-world disruption, outages, and even physical damage, often using phishing, malware (ransomware, Stuxnet), and social engineering, with state-sponsored actors increasing activity. Key examples include Ukraine's power grid attacks (2015) and the Colonial Pipeline ransomware incident (2021), highlighting vulnerabilities as systems digitalize, requiring better collaboration between private and government sectors for defense.



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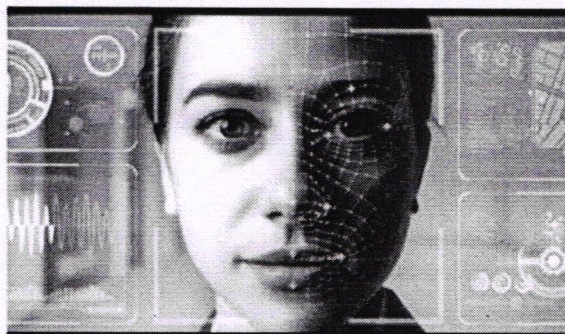
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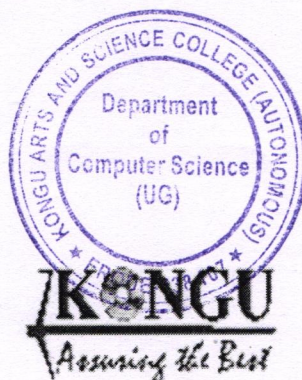
Date: 10.02.2026

**Deepfake technology**

Deepfake technology leverages artificial intelligence (AI), specifically Generative Adversarial Networks (GANs) and Diffusion Models, to create hyper-realistic but fabricated audio, video, and images. While it has legitimate uses in entertainment and education, its rapid democratization has turned it into a primary tool for fraud and disinformation.



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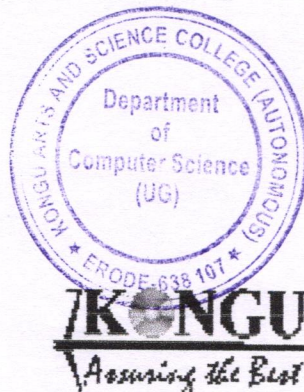
Class: II-BSC.CS-A

Date: 10.02.2026

**OnePlus 15R Price in India, Storage Configurations Leaked Days Before Launch in India:** OnePlus 15R will be launched in India and other global markets by the Chinese smartphone maker later this week. Leading up to its much-anticipated debut, the tech firm has been teasing the key specifications, features, design, and colourways of the upcoming phone. Now, a tipster has leaked the OnePlus 15R's price in India, along with details of two RAM and storage configurations.

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News World

Class: I BSC CS A

Date: 10.02.2026

## Wipro CFO hails Budget for meeting FY26 fiscal targets, focus on AI

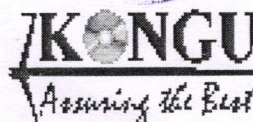
Chief Financial Officer Aparna Iyer on Sunday commended the government for meeting fiscal deficit targets for FY26 amid a volatile external environment and tax rationalisation measures. She also highlighted the Budget's focus on promoting the Indian IT services sector as a key driver of economic growth, with The Budget outlines the government's vision to position the Indian IT services sector as a key engine of the country's economic growth, with artificial intelligence (AI) serving as a vital force multiplier.

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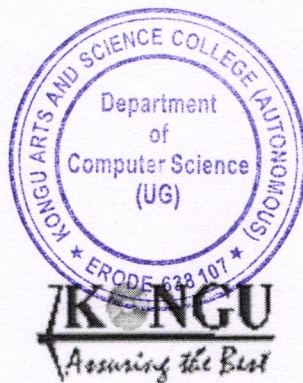
Date: 10.02.2026

### Edge Computing

Edge computing processes data closer to the source instead of centralized servers. This reduces latency and improves real-time performance. It is especially useful for IoT devices and smart systems. Recent IT trends highlight edge computing in autonomous vehicles and industrial automation. By reducing network load, edge computing enhances efficiency. Security at the edge remains a challenge. Despite this, edge computing is gaining importance in modern digital architecture.

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*News World*

Class: *I BSC CS A*

Date: *11.02.2026*

**Augmented Reality (AR)**

Augmented Reality overlays digital information onto the real world. It enhances user experience through interactive visuals. AR is used in mobile apps, navigation, retail, and education. Recent IT news highlights AR applications in training and remote assistance. AR improves learning and decision-making by providing real-time information. As devices become more powerful, AR adoption increases. AR technology bridges the gap between physical and digital environments.

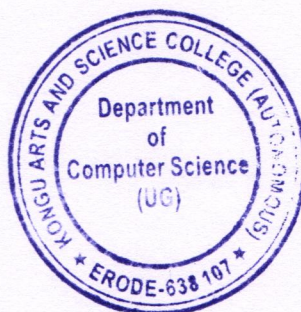
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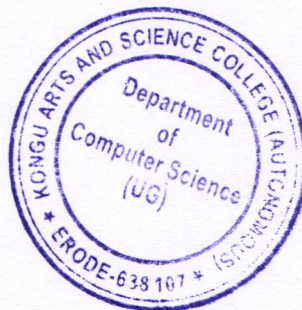
Date: *11.02.2026*

**Internet of Things (IoT)**

The Internet of Things connects physical devices such as sensors, appliances, and machines to the internet. These devices collect and share data automatically. IoT is widely used in smart homes, healthcare monitoring, agriculture, and industrial automation. Recent advancements focus on energy efficiency and real-time data analysis. IoT improves productivity and decision-making by providing accurate insights.

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Date: *11.02.2026*

**Digital Payments Technology**

Digital payment systems enable cashless transactions. Technologies include UPI, mobile wallets, and contactless payments. Recent IT news highlights growth in digital payments worldwide. They improve convenience and financial inclusion. Security measures protect transactions. Digital payments are reshaping the financial ecosystem.

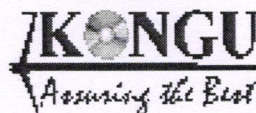
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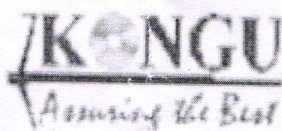
Date: 11.02.2026

**OpenAI Launches 'India-First Learning Accelerator' with IIT Madras**

OpenAI has unveiled a significant education initiative in India: the Learning Accelerator program—its first-of-its-kind in the country. Partnering with IIT Madras and key institutions like the Ministry of Education, AICTE, and ARISE schools, the program includes a \$500,000 research grant to IIT Madras to explore how AI can enhance learning outcomes and teaching methods. Over the next six months, OpenAI will distribute 500,000 ChatGPT licenses to educators and students across India and provide training to ensure responsible, effective use. The initiative also incorporates a "Study Mode" in ChatGPT offering step-by-step, curriculum-aligned tutoring. Positioned as one of OpenAI's largest investments in Indian education, the Learning Accelerator reinforces AI's role as a personalized learning assistant and a support tool for teachers.

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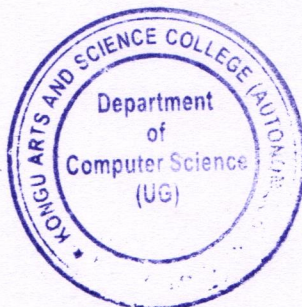
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**Big Data Analytics**

Big Data refers to extremely large and complex datasets. Big data analytics helps extract meaningful insights from such data. Organizations use big data to understand customer behavior, improve services, and make informed decisions. Recent IT news shows increased use of big data in healthcare, finance, and social media analysis. Advanced tools and AI techniques enhance data processing speed.

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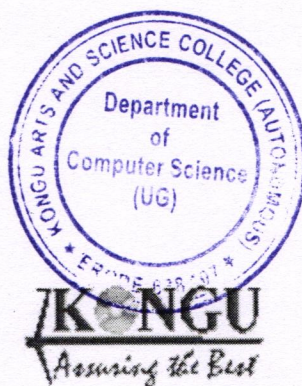
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**Automation and RPA**

Automation uses technology to perform tasks without human intervention. Robotic Process Automation handles repetitive business processes. Recent developments show automation increasing productivity in banking and customer service. It reduces errors and operational costs. Employees can focus on creative tasks. Automation plays a key role in digital transformation. Future systems will rely heavily on automation

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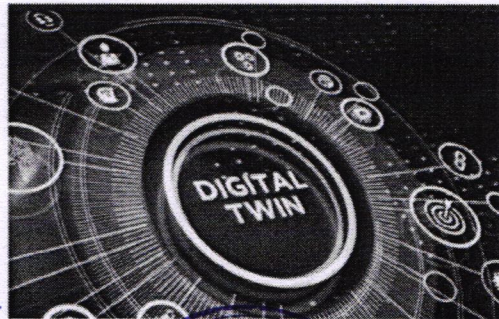
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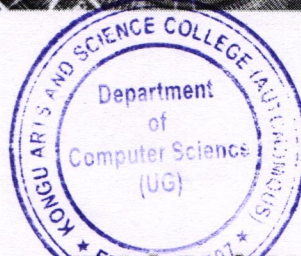
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## Digital twins

Digital twins are virtual, data-driven replicas of physical assets, systems, or processes that update in real-time using IoT sensor data, AI, and simulation to mimic, analyze, and predict performance. They enable predictive maintenance, optimized production, and reduced costs by allowing testing without risking physical assets.



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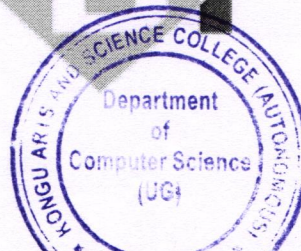
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***Bizzaro Devs***

Bizarro Devs is one my favorite newsletters out there not only because it's our own side project (curated by our word juggler, Chris Fitzgerald) but also because it provides a collection articles, tools, and websites. Even though it says "devs", it's not entirely for developers; you can still enjoy this newsletter because it features all kinds topics while remaining in the technology range. So don't worry if you're not a dev, it has links that non-coders will love too. We release Bizarro Devs weekly, so expect it every Thursday with unusual, unique, and inspiring.

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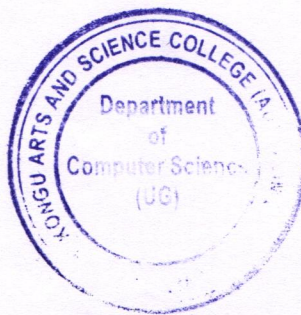


## The Semiconductor Shift

The semiconductor industry is undergoing a structural shift driven by AI-fueled demand, geopolitical realignment, and a move toward supply chain resilience. The focus is transitioning from mere node scaling to advanced, heterogeneous integration (e.g., HBM, CoWoS). Meanwhile, nations like India are emerging as new manufacturing hubs, fostering self-reliance through design-led initiatives.

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