NEWS CORNER

Date: 16. 06. 25

"A Major Shift in Global Tech Policy"

The U.S. government has announced a series of new restrictions aimed at curbing China's access to critical American technology, marking one of the most aggressive moves yet in the ongoing tech war between the two global superpowers. The decision, which was unveiled by the Biden administration, places dozens of Chinese companies on a trade blacklist, effectively cutting them off from crucial semiconductor technology, artificial intelligence (AI) software, and other advanced computing resources. These measures are being implemented under the Bureau of Industry and Security (BIS) within the U.S. Department of Commerce. The restrictions mean that U.S. firms must obtain special government approval before selling high-tech products and components to any of the newly blacklisted Chinese companies. The primary focus of these bans appears to be semiconductor manufacturing equipment, AI chips, and advanced computing systems, all of which are critical to China's ambitions in the fields of artificial intelligence, quantum computing, and next-generation communications.

STAFF INCHARGE

Ms S. DEEPIKA

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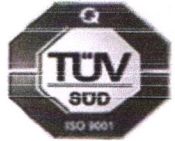## (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE (UG)
DBT STAR SPONSORED DEPARTMENT

NEWS CORNER

Date: 18·6·25

"Addressing the Growing Skills Gap"

The IT industry is facing a significant talent shortage, with businesses struggling to fill critical roles in cybersecurity, cloud computing, data science, and software development. As technology continues to evolve at a rapid pace, there is a growing demand for skilled professionals who can manage and implement new technologies. However, the supply of qualified candidates is not keeping up with the demand. To address this skills gap, companies are investing in training and development programs, offering incentives to attract and retain top talent. Collaboration with educational institutions is also key to ensuring that the next generation of IT professionals is equipped with the skills needed for the future. As the shortage continues, businesses may need to adopt new strategies, such as outsourcing or automation, to fill the gap.

STAFF INCHARGE

Ms.S.DEEPIKA
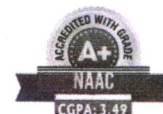
NEWS CORNER

Date: 19·06·25

"The Growing Role of IT in Sustainable Business Practices"

Sustainability has become a key priority for businesses across industries, and IT is playing a critical role in driving these efforts. From reducing energy consumption in data centers to leveraging cloud computing to minimize hardware waste, technology is helping organizations meet their environmental goals. IT solutions such as energy-efficient servers, virtualization, and software optimization can reduce the carbon footprint of IT operations. Additionally, the use of AI and data analytics is helping businesses monitor and optimize their resource usage in real time. As environmental concerns continue to rise, IT departments are tasked with finding innovative ways to integrate sustainability into their operations. By adopting green technologies, companies not only contribute to the environment but also enhance their brand reputation and appeal to eco-conscious consumers.

STAFF INCHARGE

Ms.S.DEEPIKA

NEWS CORNER

Date: 20·06·2025

"The Importance of IT Disaster Recovery Plans"

In today's digital world, IT systems are the backbone of business operations, making disaster recovery plans more critical than ever. Natural disasters, cyberattacks, and system failures can have devastating impacts on organizations, making it essential to have a solid recovery strategy in place. IT disaster recovery plans focus on minimizing downtime and ensuring business continuity by outlining clear procedures for restoring critical systems and data. This includes regular data backups, offsite storage, and the use of cloud-based recovery solutions. By testing and updating recovery plans regularly, businesses can ensure they are prepared for unexpected events. IT disaster recovery is not only a technical necessity but also a key aspect of a company's overall risk management strategy.

STAFF INCHARGE

Ms.S.DEEPIKA

KONGU ARTS AND SCIENCE COLLEGE
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NEWS CORNER

Date: 21·06·25

"Google Unveils AI-Powered Search Overhaul"

In a major update to its core service, Google has officially rolled out a fully AI-powered version of its Search engine globally. The new interface, powered by Google's advanced Gemini 1.5 models, integrates generative AI responses at the top of search results, offering summarized answers, contextual overviews, and interactive suggestions. Users can now engage in a more conversational experience, asking follow-up questions without retyping. Google calls this update the most significant overhaul since its launch in 1998. Early access users report faster access to accurate insights, especially in areas like health, tech, finance, and travel planning. The AI snapshot includes citations and real-time source links to maintain credibility. Google assures that the generative answers are constantly improving through reinforcement learning and user feedback. To support this rollout, the company has upgraded its data centers with energy-efficient TPUv5 chips optimized for large language model inference. Advertisers are being given new AI-powered tools for ad placement within AI Overviews. Concerns over misinformation and content authenticity are addressed with watermarked outputs and a fact-check overlay. Google also integrates translation, code suggestions, and summaries directly into search results. The update supports over 40 languages and is expected to reach all users by July 2025.
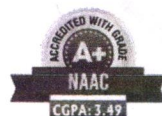
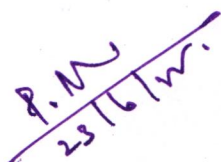STAFF INCHARGE

Ms.S.DEEPIKA

NEWS CORNER

Date: 23.06.25

"Google Offers Buyouts Amid Antitrust and AI Shifts"

Google has begun offering voluntary buyouts to employees across several divisions, including Search, Ads, Core, and Knowledge & Information, as part of a strategic shift toward artificial intelligence development and cost realignment. The move comes amid intensifying antitrust scrutiny in the U.S. and abroad, where regulators are considering structural remedies for Google's dominance in digital advertising and search. Senior VP Nick Fox informed staff that the buyouts are meant to support those who may no longer align with Google's evolving business goals. Simultaneously, the company is enforcing stricter hybrid work rules, requiring remote workers within proximity of offices to return on-site at least three days a week. This reshuffling is part of Google's broader plan to aggressively invest in its AI ecosystem, particularly the Gemini model and next-gen Search capabilities. The buyout packages reportedly include at least 14 weeks of severance pay, extended healthcare, and early equity vesting. While Google remains financially strong—with robust cloud growth and record profits—the company is restructuring to remain competitive in the fast-moving AI sector. Analysts suggest the firm is optimizing headcount to prioritize high-impact AI teams before potential legal rulings mandate broader changes. This follows prior layoffs and reorganizations seen across Big Tech as companies brace for regulatory and economic challenges. Google's capital expenditure for 2025 is expected to exceed $75 billion, primarily for AI infrastructure expansion.
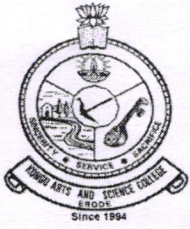
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Ms.S.DEEPIKA

IT News World

Class: III BSC CSDA

Date: 25.06.2025

IT's Europe deal momentum is up after three slow quarters:

IT industry analysts have seen an approximately 5% rise in European deals from the previous quarter even as the US market remained flat at 2% growth, as per US-based research firm HFS Group.

Publicly India's largest IT giant Tata Consultancy Services (TCS) alone signed at least six deals in Europe since March — telecom tower operator Vantage Towers, France's Schneider Electric Marathon de Paris, Netherlands-based multi-service utility provider Hanab, Council of Europe Development Bank, Denmark-based retailer Salling Group, and UK-based airline Virgin Atlantic.

for STAFF INCHARGE

Ms.S.DEVIPRIYA

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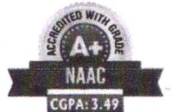SUBHASRI .D

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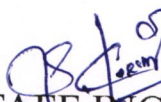
NEWS CORNER

Date: 30·06·2025

"Jensen Huang Champions "Sovereign AI" in Europe"

Nvidia CEO Jensen Huang made headlines during his recent tour of Europe, where he strongly advocated for the development of "Sovereign AI" infrastructure. Speaking at major events like London Tech Week and VivaTech in Paris, Huang emphasized that nations must build their own AI systems—including data centers, chips, models, and governance—to maintain autonomy and cultural identity in the AI age. He warned that over-reliance on foreign technologies could compromise national security, innovation, and data privacy. His visit included strategic meetings with leaders from the UK, France, Germany, and Italy, all aimed at launching or strengthening national AI initiatives. In France, he highlighted partnerships with local AI startups like Mistral to create models trained on culturally relevant data. Huang also announced plans to deploy Nvidia's latest Blackwell chips across European data centers to boost sovereign capabilities. In London, he unveiled the UK Sovereign AI Industry Forum, aiming to scale AI compute capacity with government and private collaboration. He described AI as "the greatest economic equalizer," stressing that early adopters would gain significant long-term advantages.

STAFF INCHARGE

Ms.S.DEEPIKA