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Affiliated to Mumbai University, Approved by AICTE- New Delhi, DTE Maharashtra (DTE Code-3539)

The Economic Times

Date: 12 Aug 2025

TCS Layoffs Signal AI-Led Disruption in \$283 Billion IT Outsourcing Sector

Tata Consultancy Services (TCS) is cutting about 12,200 middle and senior-level jobs, marking it's biggest-ever layoff. While officially attributed to skill mismatches, experts say it's the start of a wider AI-driven shift in India's \$283 billion outsourcing industry.

Key Points:

- **400,000 to 500,000 jobs at risk** over the next 2–3 years due to AI replacing roles in coding, testing, support, and middle management.
- **Most affected:** employees with 4–12 years' experience and non-technical managers.
- The sector employs **5.67 million people** and drives over **7% of India's GDP**.
- **Major IT firms like Infosys, Wipro, HCLTech, etc.** may follow TCS in downsizing.
- TCS says it's becoming "future-ready" by investing in AI and realigning its workforce.

Experts warn of broader impacts on **consumer spending, real estate, and job security**, with mid-career professionals hit hardest. The industry is at a critical point, and individuals must **re-skill to stay relevant** in the AI era.



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OpenAI makes GPT-4o available again for Plus users after complaints

Post the long-awaited launch of their latest flagship AI model a few days ago, the AI firm removed the model picker for ChatGPT users and replaced it with just GPT-5

Updated - August 11, 2025 01:04 pm IST

[OpenAI makes GPT-4o available again for Plus users after complaints - The Hindu](#)



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The architecture behind Wipro's 230,000-person AI Assistant

Wipro is revamping its internal tech with **agentic AI** to support **230,000 employees** across **65 countries**. CIO Kenny Kesar is leading the initiative to improve **productivity, governance, and employee experience**. Their **Next-gen Employee Assistant** started as a chatbot and evolved into a digital assistant. It automates tasks like **timesheet entries, HR queries, and workflow support**. Instead of one large AI model, Wipro uses **modular, skill-based AI agents**. This makes the system **flexible, scalable**, and easier to manage. The project marks a shift from small pilots to **full-scale AI deployment** across the company.

Source: https://cio.economictimes.indiatimes.com/podcast/the-architecture-behind-wipros-230000-person-aiassistant/123165163?ag=sectionListing&utm_source=exclusives_widget&utm_medium=sectionLig



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Trump opens door to sales of version of Nvidia's next-gen AI chips in China

- Trump also confirms Nvidia, AMD to give China AI chip revenues to government
- Nvidia says company follows rules set by US government
- US official says admin does not feel sale of chips compromises national security

<https://www.reuters.com/world/china/trump-opens-door-sales-version-nvidias-next-gen-ai-chips-china-2025-08-12/>



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Phones, Data Centres, Laptops – One New Alloy Could Supercharge Them All

This metal can switch magnetic states without using external magnets—a leap that could reduce the energy consumed by everything from phones to data centres. Unlike exotic materials, Ni₄W is made from abundant elements and works with standard manufacturing techniques, opening the door to faster, cheaper, and more sustainable electronics.

<https://scitechdaily.com/phones-data-centers-laptops-one-new-alloy-could-supercharge-them-all/>

World's Smallest Self-Powered Bipedal Robot Sets New Speed Record

Standing under 1.5 inches tall, the newest bipedal robot from Carnegie Mellon University's College of Engineering can move through tighter spaces than any other two-legged robot in the world.

<https://scitechdaily.com/worlds-smallest-self-powered-bipedal-robot-sets-new-speed-record/>



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Wipro, AusNet deliver energy sector transformation with SAP S/4HANA Cloud Implementation

Wipro completed a large-scale cloud ERP transformation for AusNet using RISE with SAP S/4HANA Cloud Private Edition, ahead of schedule in 18 months. The project modernized legacy systems, enhanced field efficiency with geospatial tools, ensured seamless cutover for 1,600+ users and 50+ retailers, and set a new benchmark for ERP upgrades in the utilities sector.

<https://www.moneyworks4me.com/company/news/index/id/767850>

New Semiconductor Technology Could Supercharge 6G Delivery

A team at the **University of Bristol** developed SLCFETs, a breakthrough transistor structure that leverages a latch effect in GaN materials to enhance speed and power, advancing the future of 6G.

<https://scitechdaily.com/new-semiconductor-technology-could-supercharge-6g-delivery/>



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Why ChatGPT's Essays Don't Fool the Experts – Yet

A study reveals who writes better, and it turns out, it's not the AI.

Artificial intelligence has yet to match the quality of real student writing, according to new research from the University of East Anglia (UK). In a study published in the journal *Written Communication*, researchers compared essays written by 145 students to those generated by ChatGPT.

<https://scitechdaily.com/why-chatgpts-essays-dont-fool-the-experts-yet/>