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PM to inaugurate 'Semicon India – 2025' on 2nd September Yashobhoomi, New Delhi

- Prime Minister Shri Narendra Modi will inaugurate 'Semicon India – 2025', aimed at catalysing India's Semiconductor ecosystem, on 2nd September at around 10 AM at Yashobhoomi in New Delhi. Prime Minister will also participate in the Conference on 3rd September from around 9:30 AM, in which he will participate in CEOs roundtable as well.
- The three-day Conference, from 2nd to 4th September, will focus on advancing a robust, resilient, and sustainable semiconductor ecosystem in India. It will feature sessions on the progress of the Semicon India Programme, semiconductor fab and advanced packaging projects, infrastructure readiness, smart manufacturing, innovations in R&D and artificial intelligence, investment opportunities, state-level policy implementation, among others.
- Additionally, the event will highlight initiatives under the Design Linked Incentive (DLI) scheme, the growth of the startup ecosystem, international cooperation, and the future roadmap for India's semiconductor sector.

Source :https://www.pmindia.gov.in/en/news_updates/pm-to-inaugurate-semicon-india-2025-on-2nd-september-yashobhoomi-new-delhi/

PM Modi's concludes Japan visit with focus on Tech and people-to-people exchange

- Prime Minister Narendra Modi's two-day visit to Japan reached its culmination on Saturday with a visit to a semiconductor plant in Sendai, Miyagi Prefecture, highlighting India's growing interest in deepening technological collaboration with Japan.
- Modi, accompanied by his Japanese counterpart Shigeru Ishiba, travelled by bullet train to the city, marking a symbolic and productive end to his trip, focused on elevating India-Japan ties in several key sectors.
- The highlight of the visit was the tour of Tokyo Electron Miyagi Ltd (TEL Miyagi), a major player in the semiconductor industry. During the visit, Modi was briefed on TEL's advanced manufacturing capabilities, its role in the global semiconductor supply chain, and its plans to expand collaborations with India.

Source:https://www.newindianexpress.com/nation/2025/Aug/30/pm-modis-concludes-japan-visit-with-focus-on-tech-and-people-to-people-exchange

Alibaba is developing a new AI chip — here's what we know so far

- The chip is specifically for inferencing rather than training but Alibaba will still use semiconductors from other vendors like Nvidia.
- Alibaba said it would invest at least 380 billion Chinese yuan ($53.1 billion) in AI over the next three years.
- Chinese technology firms have focused on developing homegrown chips over the last few years amid rising geopolitical tensions between the U.S. and China.

Source:https://www.cnbc.com/2025/08/29/alibaba-is-developing-a-new-ai-chip-heres-what-we-know-so-far.html

OpenAI plans India data centre with at least 1 gigawatt capacity: Report

- ChatGPT parent OpenAI is scouting local partners to set up a data centre in India with at least 1 gigawatt capacity, Bloomberg News reported on Monday, citing unidentified sources
- OpenAI did not immediately respond to a Reuters request for comment outside regular business hours.OpenAI, backed by Microsoft, has formally registered as a legal entity in India and has begun building a local team.
- The company said in August it plans to open its first India office in New Delhi later this year, expanding its presence in its second-largest market by user base.The plan to build a large new data centre could mark a major step forward in Asia for OpenAI's Stargate-branded artificial intelligence infrastructure push, Bloomberg News reported.

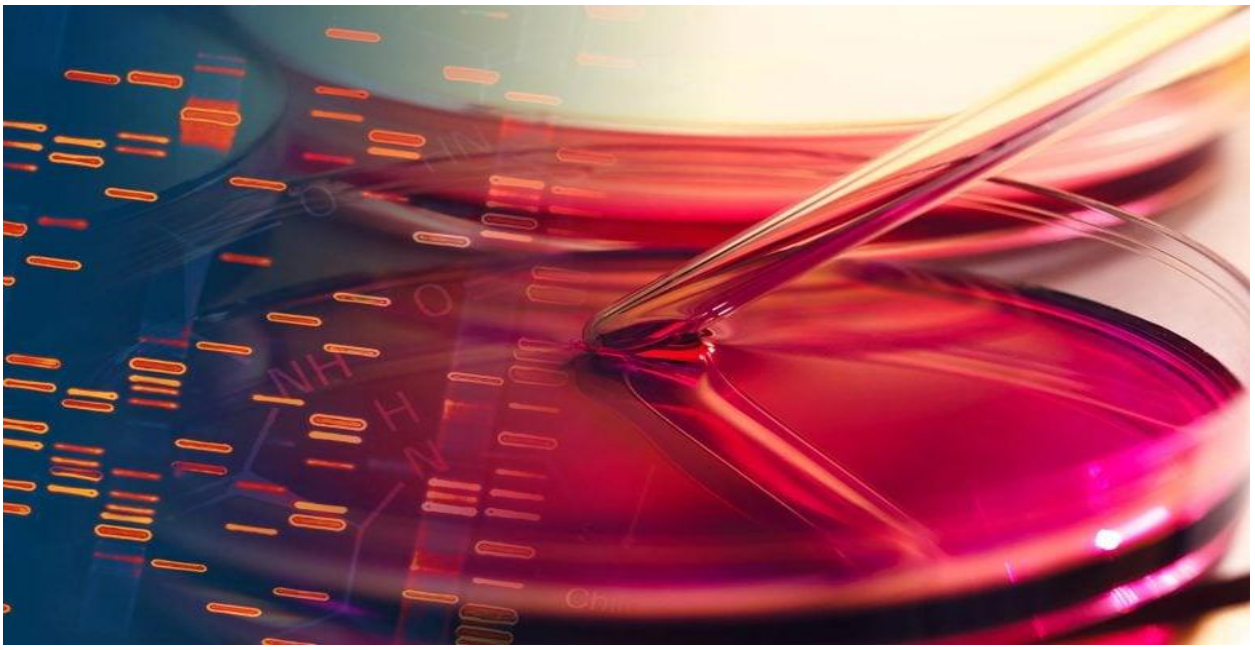
Source:https://www.thehindu.com/sci-tech/technology/openai-plans-india-data-centre-with-at-least-1-gigawatt-capacity-report/article69999300.ece

OpenAI to push the company's eventual goal of "personal superintelligence."

- A spokesperson for the company responded to reports on X saying, "We appreciate that there's outsized interest in seemingly every minute detail of our AI efforts, no matter how inconsequential or mundane, but we're just focused on doing the work to deliver personal superintelligence."
- Zuckerberg made a flurry of hires, spending billions on poaching star AI researchers from rivals like OpenAI to push the company's eventual goal of "personal superintelligence."

Source:https://www.thehindu.com/sci-tech/technology/metas-new-superintelligence-lab-plagued-by-departures-inner-turmoil-reports/article69999385.ece

This Tiny Tech Breakthrough Builds 3D Structures Using Nothing But DNA and Water



- When the Empire State Building was constructed, its 102 stories rose over Manhattan one section at a time. Piece by piece, it became the tallest structure in the world for four decades. At Columbia University, however, Oleg Gang and his chemical engineering team are working on something far smaller. Instead of towering skyscrapers, they're developing microscopic devices made from self-organizing components at the nanoscale.
- "We can build now the complexly prescribed 3D organizations from self-assembled nanocomponents, a kind of nanoscale version of the Empire State Building," said Gang, professor of chemical engineering and of applied physics and materials science at Columbia Engineering and leader of the Center for Functional Nanomaterials' Soft and Bio Nanomaterials Group at Brookhaven National Laboratory.

Source:https://scitechdaily.com/this-tiny-tech-breakthrough-builds-3d-structures-using-nothing-but-dna-and-water/