

ATHARVA ROBOTICS CENTER

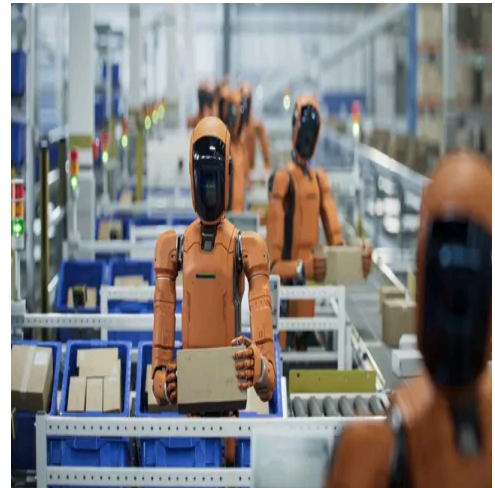
Daily News on Innovation & Technology

26th August, 2025

Japan researchers harness quantum entanglement to boost robot posture control

By Atharva Gosavi, August 25, 2025

Researchers from Shibaura Institute of Technology, Waseda University, and Fujitsu have developed a novel way to make robots move smoothly and efficiently using quantum computing. Usually, when a robot moves, its computer has to calculate how each of its joints should bend so that its hand or foot ends up in the right spot. This process, known as inverse kinematics, is extremely difficult for robots like humanoids because there are countless possible combinations.



Humanoid robots get 7.5x AI power boost with NVIDIA's Jetson Thor computer

By Neetika Walterl, August 25, 2025

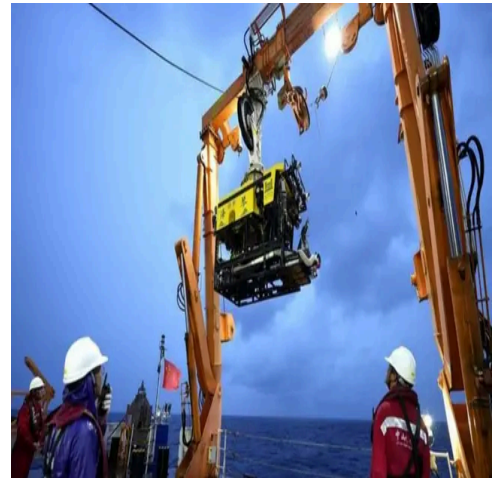
NVIDIA Jetson Thor delivers 7.5x more AI compute, powering humanoids, industrial robots and surgical machines. Generative AI is moving off the cloud and into robots as NVIDIA rolls out its Jetson Thor computer to power humanoids, surgical assistants, and industrial machines in real time. On Monday, the company announced the general availability of the Jetson AGX Thor developer kit and production modules. The system delivers up to 2,070 FP4 teraflops of AI compute and 128 gigabytes of memory while operating within a 130-watt power envelope.



[China debuts dive robot to plunge nearly 20,000 feet for deep-sea exploration](#)

By Sujita Sinha, August 25, 2025

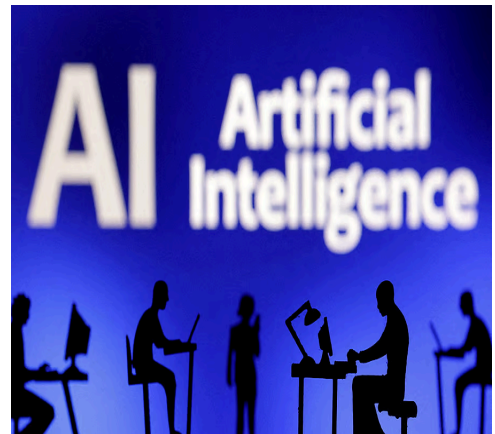
China has taken another step forward in deep-sea exploration with the successful maiden trial of its newly developed remotely operated vehicle (ROV) Haiqin. The test in the South China Sea on August 23 confirmed that the system can support future missions at depths of up to 6,000 meters (19,685 feet). The achievement adds to China's growing efforts in marine technology, as researchers prepare to use the vehicle for long-term scientific projects and discoveries beneath the ocean surface.



[India ranks seventh in global AI innovation race](#)

By Uma Kannan, August 25, 2025

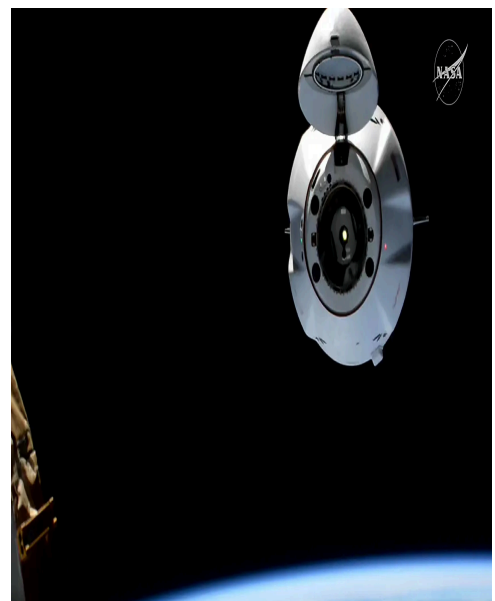
Linkee, an AI-powered link-building automation software company, conducted the study with an aim to identify the countries winning the AI innovation race. When it comes to the global Artificial Intelligence (AI) innovation race, India holds seventh place with a score of 24. The country has 29 notable AI models and investments in AI stood at \$7.25 billion. Interestingly, workforce adoption leads the ranking, with 92% of workers using AI in their daily tasks, according to a new study.



[SpaceX Dragon Docks to Station Delivering New Science, Supplies](#)

By Mark A. Garcia, August 25, 2025

At 7:05 a.m. EDT, the SpaceX Dragon spacecraft docked to the forward port of the International Space Station's Harmony module. The spacecraft carried over 5,000 pounds of scientific investigations and cargo to the orbiting laboratory on SpaceX's 33rd commercial resupply services mission for NASA. The mission launched at 2:45 a.m. on Aug. 24 atop a SpaceX Falcon 9 rocket from Space Launch Complex 40 at Cape Canaveral Space Force Station in Florida. Research conducted aboard the space station advances future space exploration – including Artemis missions to the Moon and astronaut missions Mars – and provides multiple benefits to humanity.



News Articles

Musk's xAI sues Apple, OpenAI over AI rivalry

REUTERS
August 25

ENTREPRENEUR ELON MUSK'S artificial intelligence startup xAI sued Apple and ChatGPT maker OpenAI in US federal court in Texas on Monday, accusing them of illegally conspiring to thwart competition for artificial intelligence.

Apple and OpenAI have "locked up markets to maintain their monopolies and prevent innovators like X and xAI from competing," the lawsuit said.

The complaint said Apple and OpenAI conspired to suppress xAI's products, including on the Apple App Store. "If not for its exclusive deal with OpenAI, Apple would have no reason to refrain from more prominently featuring the X app and the Grok app in its App Store," xAI said.

Apple and OpenAI did not



LEGAL BATTLE

- The complaint said Apple and OpenAI conspired to suppress xAI's products, including on the Apple App Store
- Musk threatened to sue Cupertino

immediately respond to requests for comment.

Earlier this month, Musk threatened to sue Cupertino, California-based Apple, saying in a post on his social media

platform X that Apple's behavior "makes it impossible for any AI company besides OpenAI to reach #1 in the App Store."

Apple's partnership with OpenAI has integrated its AI platform ChatGPT into iPhones, iPads and Macs.

Musk's xAI acquired

X in March for \$33 billion to enhance its chatbot training capabilities. Musk also has integrated the Grok chatbot into vehicles made by his electric automobile company Tesla.

Musk's xAI was launched less than two years ago and competes with Microsoft-backed OpenAI as well as with Chinese startup DeepSeek.

Musk is separately suing OpenAI and its chief executive Sam Altman in federal court in California to stop its conversion from a nonprofit to a for-profit business.

Source: The Financial Express, 26-08-2025

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Link: <https://drive.google.com/file/d/1ei7tlxrU98X4PuiFZnG4uZWmCKULpGOs/view>

In first, cyber cops get back loot from abroad

Cyber Security Bureau recovers ₹2.38L from Chinese

DC CORRESPONDENT
HYDERABAD, AUG. 25

In a first-of-its-kind detection where money moved abroad was successfully recovered, the Telangana Cyber Security Bureau (TGCSB) retrieved 2,703 USDT (₹2.38 lakh) siphoned off in a matrimonial fraud worth ₹89 lakh. The funds, which had been transferred to the wallet of a Chinese national through an international crypto exchange, were successfully re-acquired.

According to TGCSB director Shikha Goel, the case came to light after a complaint from an associate manager from Mancherial, who lost ₹87.58 lakh after being lured by a woman posing as Nanditha Reddy on a matrimony site. "The fraudster cheated him over WhatsApp, claiming she had moved to Malaysia with her uncle due to financial issues, and introduced him to a fake cryptocurrency trading platform. After gaining his trust by showing fabricated profits, she made him invest more than ₹40 lakh," director Goel said.

When the victim attempted to withdraw his so-called profits, shown as ₹2 crore on the app, he was extorted through fabricated charges such as tax, exchange fees, and "fraud investigation deposits." Of the total loss, 2,703 USDT was transferred via crypto channels, while the rest was diverted to multiple Indian bank accounts.

TGCSB investigators, led by investigation officer J. Krishnamurthy under the Rangareddy DSP, traced the fund trail to Jiang Chuanxuan, a Chinese national. The officer explained, "A notice was served to the

13 held from jr college for role in ₹8.5cr fraud

DC CORRESPONDENT
HYDERABAD, AUG. 25

The Bhadradri Kothagudem police on Monday arrested 13 youths from Tekulapally mandal for alleged involvement in largescale cybercrimes. Acting on a complaint lodged through the National Cyber Crime Reporting Portal, the Tekulapally police and district cyber crime police conducted raids and apprehended the accused from the Tekulapally Government Junior College.

The arrested have been identified as Boda Sridhar, Boda Rajesh, Boda Rajanna, Banoth Jagadeesh, Tejavath Nares, Polepongu Pavan Kalyan, Bhukya Vee-ranna, Jatoth Nares, Boda Jampanna, Boda Rajaram, Bhukya Praveen, Maloth Praveen and Urimalla Bharath Krishna, all aged

Police warned that anyone found directly or indirectly aiding cyber-crime will face legal action. Victims were advised to call 1930 immediately after losing money, as prompt reporting could help recover funds.

between 22 and 27 years, from Tekulapally.

Superintendent of police B. Rohit Raju said Sridhar, who runs a Mee-Seva centre, was approached by cyber-criminals through Telegram and lured with commissions for transferring money. Along with 12 others, he opened 60 current accounts using fake documents and routed fraudulent transactions.

Police said transactions worth ₹8.5 crore were carried out. More than 100 complaints have been registered against their bank accounts.



platform to freeze the wallet of this Chinese national. Subsequently, a court order was obtained directing the platform to refund 2,703 USDT to the victim's crypto wallet. The IO followed up with the platform, and the amount lost through the crypto channel was refunded to the TGCSB's official wallet. These crypto assets will be transferred to the

victim's wallet after obtaining court permission."

Officials highlighted that the recovery of cryptocurrency from a foreign national's wallet via an international exchange is a rare achievement in cyber-crime cases. TGCSB director Goel complimented the investigating team for their efforts and cautioned the public against trusting matrimonial profiles or transferring crypto assets without verification.

MAN POSES AS SOLDIER, DUPES PRIEST OF ₹6 L

DC CORRESPONDENT
HYDERABAD, AUG. 25

A 52-year-old priest from Puranapul lost ₹5,99,997 after falling victim to a cyber fraud by a caller impersonating an Army official. Cyber crime police said the priest received a call on August 23 from a man who introduced himself as Captain Aman Kumar of the Secunderabad Military Office. Claiming that a colonel was unwell, the caller said 21 priests were required for an 11-day pooja and promised an advance of ₹3 lakh.

Later, the victim received a video call from another number. The fraudster instructed him to open PhonePe and Google Pay under the pretext of transferring the advance. To gain trust, the caller first sent ₹10. Believing the claim was genuine, the priest followed the instructions and entered his credit card details and PIN.

Instead of receiving money, debits of ₹2 lakh, ₹1 lakh, ₹5,000, ₹1,99,997 and ₹95,000 were made, totalling ₹5,99,997. Realising he was cheated, the priest alerted the cyber crime helpline 1930 and a case was registered with the cyber crime police.

- Officials urged the public never to share ATM PINs, OTPs or card details on calls or video chats.
- Genuine advance payments or refunds never require entering PINs or OTPs.

Source: The DeccanChronicle Newspaper, 26-08-2025

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Link: https://drive.google.com/file/d/1JOM7HqVEJuCYm_6fPTGvl-vFmU1IERC8/view

OpenAI to enter classrooms

New Delhi: OpenAI on Monday introduced an India-first initiative that aims to empower educators with AI tools and training, as it announced partnerships with leading institutions, including a \$500,000 funding for IIT Madras.

The focus on education comes at a time when the company is gearing up to open its first India office in New Delhi later this year. Founder Sam Altman, too, is scheduled to visit the country next month.

Through the pact announced on Monday, IIT Madras will conduct studies on how AI can improve learning outcomes and innovate teaching methods aligned to insights from cognitive neuroscience.

To cement its commitment



PASSAGE TO INDIA

to education opportunities through AI in India and across the Asia Pacific, OpenAI has appointed Raghav Gupta as head of education for India and Asia Pacific.

Gupta brings over two decades of experience in education and consumer technology, most recently as managing director for India and Asia Pacific at Coursera.

Over the next six months, OpenAI plans to distribute

about half a million ChatGPT licences and training to educators and students across India through partnerships with the ministry of education, the All India Council for Technical Education (AICTE), and ARISE member schools, the company said.

OpenAI has lined up a string of initiatives developed for the Indian market, including ChatGPT Go, OpenAI Academy, and enhanced Indic language support, among others. Last week, it announced ChatGPT Go, its new subscription plan priced at ₹399 a month that packs in increased message limits, image generation, file uploads for users and UPI payment for plans.

PTI

Source: The Telegraph Newspaper, 26-08-2025

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Link: <https://drive.google.com/file/d/1H92kh2Vo09gX4qMSIFCIGq27hMRK0nbh/view>



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