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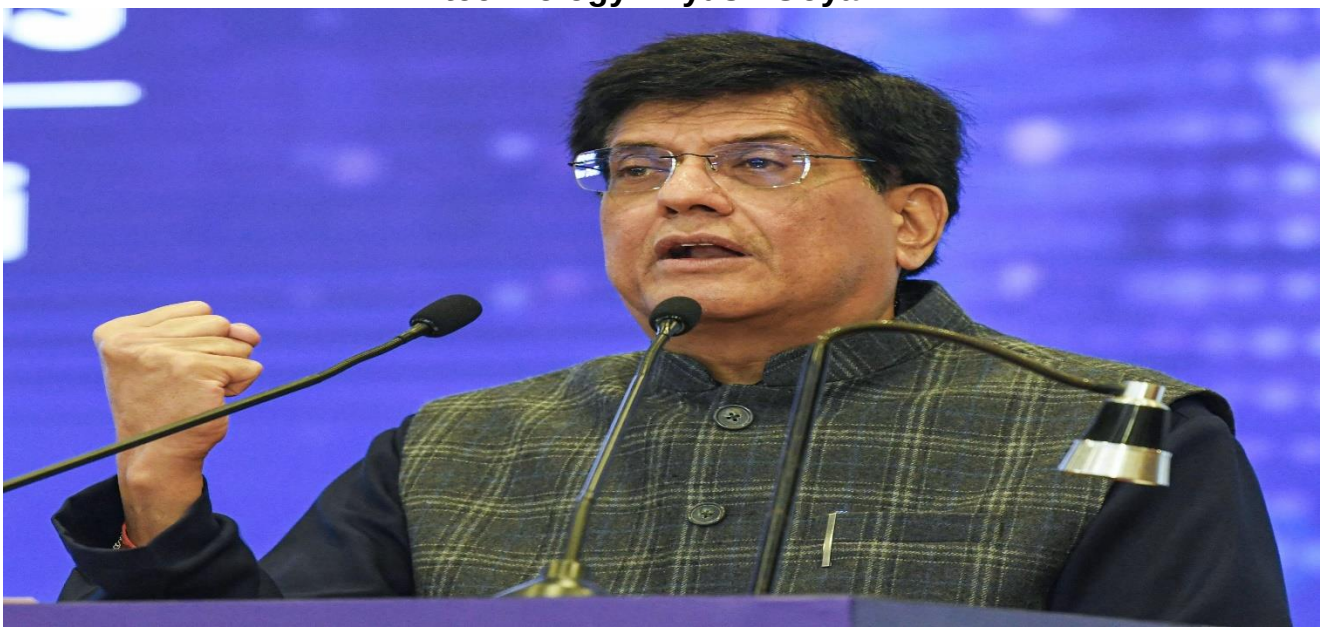
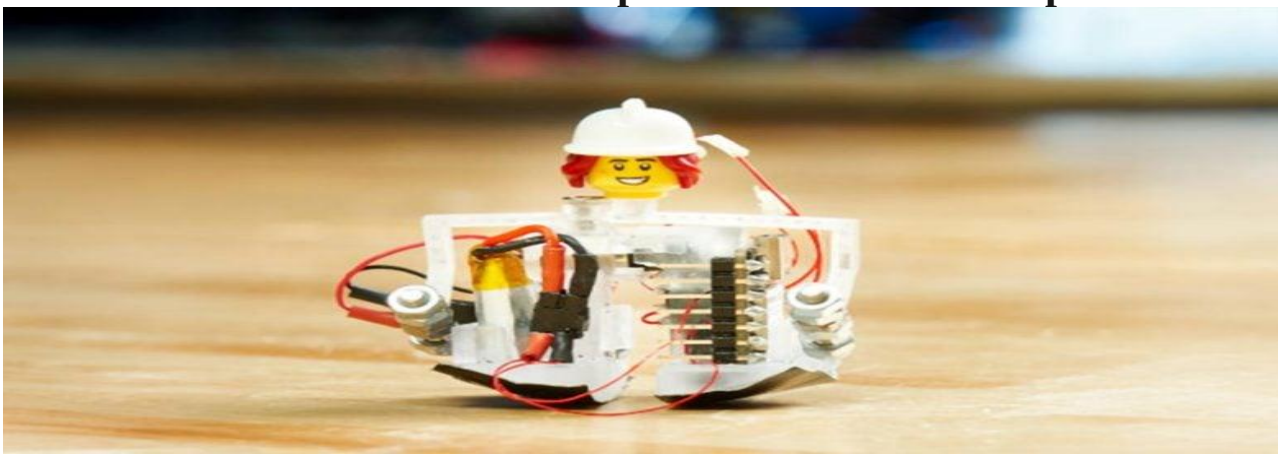
India-UK FTA paves way for actionable cooperation in trade, technology: Piyush Goyal



- Commerce and Industry Minister Piyush Goyal has reaffirmed India's commitment to transitioning the free trade agreement (FTA) from a negotiated text into a transformative economic partnership, the ministry said on Thursday.
- The minister showcased India's strategic global outlook and economic leadership at the India Global Forum (IGF) 2025 in London. His visit marked a significant moment following the historic signing of the India–UK Free Trade Agreement (FTA) in May 2025.
- Delivering the keynote address, the Union Minister described the FTA as a reflection of shared ambition between two vibrant democracies. He stated that the agreement not only enhances bilateral trade, but also demonstrates India's ability to negotiate balanced and future-oriented trade frameworks aligned with its national interests.

Source: https://ddnews.gov.in/en/india-uk-fta-paves-way-for-actionable-cooperation-in-trade-technology-piyush-goyal/

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



- At under one and a half inches tall, about the size of a LEGO minifigure, the world's smallest self-contained bipedal robot can start moving from a standstill, walk at speeds over half a mile per hour, turn, skip, and climb small steps using only its internal battery, actuator, and control system.
- Nicknamed "Zippy" by its creators, the robot is the latest achievement of a multiyear project supported by the National Science Foundation and led by Aaron Johnson and Sarah Bergbreiter at Carnegie Mellon University. The project focuses on understanding how walking works at miniature scales to develop more capable tiny robots.
- "In a world designed for humans, two-legged robots are able to navigate uneven terrains and maneuver around objects more easily than robots with wheels," explained Johnson, a professor of mechanical engineering opens in new window. "For this reason, we have been investigating how to eliminate complex walking mechanisms to make simple, two-legged robots possible."

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

Axiom-4 launch not expected before June 22 due to safety concerns: Union Minister Jitendra Singh

- Union Minister Jitendra Singh (/topic/jitendra-singh) on Wednesday said that the much-anticipated Axiom-4 space mission, which includes participation by Indian astronaut Group Captain Shubhanshu Shukla, is not expected to launch before June 22, citing safety as a key factor in finalising the launch date.

- During a press conference, Singh said, "We have been told that it won't be before 22nd June. There is a safety angle also involved here." Following the rescheduling of the launch, Axiom Space said in an official statement that NASA, Axiom Space, and SpaceX are now targeting no earlier than Sunday, June 22, for the launch of the fourth private astronaut mission to the International Space Station, Axiom Mission 4

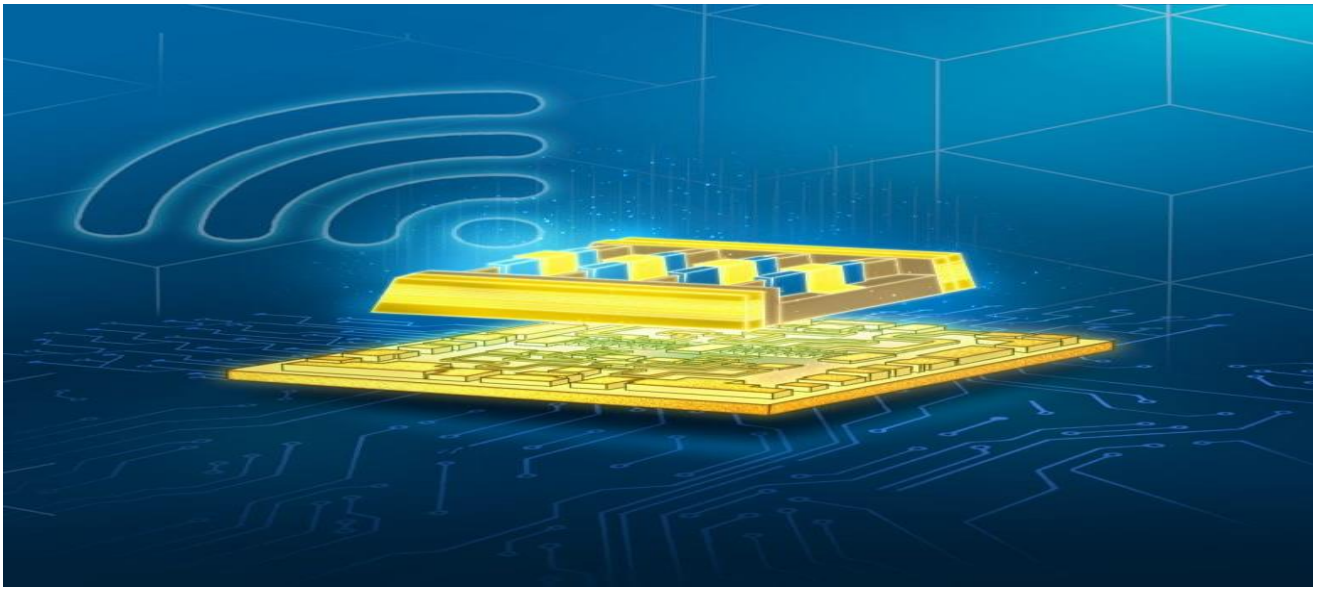
Source: https://www.aninews.in/news/national/general-news/axiom-4-launch-not-expected-before-june-22-due-to-safety-concerns-union-minister-jitendra-singh20250618135920/

Meta partners with sports eyewear brand Oakley to launch AI-powered glasses

- Meta said on Friday it has teamed up with Oakley to release AI-powered smart glasses, expanding its push into wearable tech
- Meta said on Friday it has teamed up with Oakley to release AI-powered smart glasses, expanding its push into wearable tech after the success of Ray-Ban Meta glasses.
- Meta is announcing its next pair of smart glasses with Oakley. The limited-edition Oakley Meta HSTN (pronounced "how-stuhn") model costs $499 and is available for preorder starting July 11th. Other Oakley models with Meta's tech will be available starting at $399 later this summer.
- Like the existing Meta Ray-Ban glasses, the Oakley model features a front-facing camera, along with open-ear speakers and microphones that are built into the frame. After they are paired with a phone, the glasses can be used to listen to music or podcasts, conduct phone calls, or chat with Meta AI. By utilizing the onboard camera and microphones, Meta AI can also answer questions about what someone is seeing and even translate languages.

Source: https://www.theverge.com/news/690133/meta-oakley-hstn-ai-glasses-price-date

New Semiconductor Technology Could Supercharge 6G Delivery



- Self-driving cars that eliminate traffic jams, receiving a healthcare diagnosis instantly without leaving your home, or feeling the touch of loved ones across the continent may sound like science fiction.

- However, new research led by the University of Bristol and published in the journal *Nature Electronics* could bring these possibilities closer to reality, thanks to a groundbreaking breakthrough in semiconductor technology.

- These futuristic concepts depend on the ability to communicate and transfer vast amounts of data much faster than current networks allow. To support this, physicists have developed an innovative method to speed up data transmission among many users, potentially on a global scale.

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