

## **ATHARVA ROBOTICS CENTER**

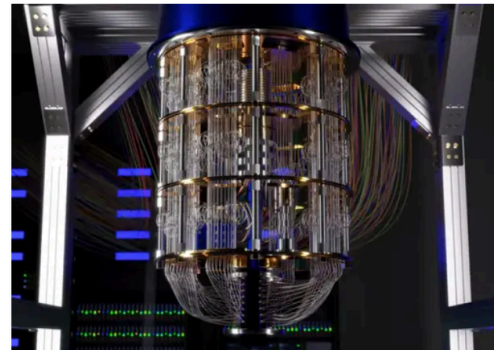
### **Daily News on Innovation & Technology**

28th October, 2025

#### **Scientists learn to control free electrons, reshaping future quantum technology**

By Aamir Kholam, Oct 27, 2025

Auburn University scientists have developed a new class of materials that lets researchers precisely control free electrons, a breakthrough that could reshape the future of computing and chemical manufacturing.



#### **Supercomputer decodes protein 'language,' offering new clues to fight cancer**

By Gavin Blackburn, Sept 30, 2025

A supercomputer has helped to create an artificial intelligence model that deciphers the "language of proteins." Scientists at the University of Glasgow used the Tursa supercomputer at the UK's DiRAC High Performance Supercomputer facility. This advanced machine is typically reserved for cosmic research, but it was used for medical purposes in this study.



#### **China unveils 'fridge-sized' AI server that slashes power use by 90%**

By Atharva Gosavi, Oct 27, 2025

Chinese scientists from the Guangdong Institute of Intelligent Science and Technology (GDIIST) unveiled an intelligent supercomputer, BIE-1, at a forum held in the Guangdong-Macao In-Depth Cooperation Zone on October 25.



## [How China built a humanoid robot that's cheaper than your phone](#)

By Kaif Shaikh Oct 27, 2025

Chinese startup Noetix Robotics is challenging assumptions about what a humanoid robot should cost. Fresh off a nearly RMB 300 million (US\$41 million) pre-B funding round led by Vertex Ventures, the company has revealed how it engineered its consumer robot Bumi to sell for just RMB 9,998 (around US\$1,380).



## [WOA Hash Launches Web3.0 AI Cloud Computing Platform – Embark on Your Intelligent Wealth Growth Journey](#)

By WOA Hash, Oct 27, 2025

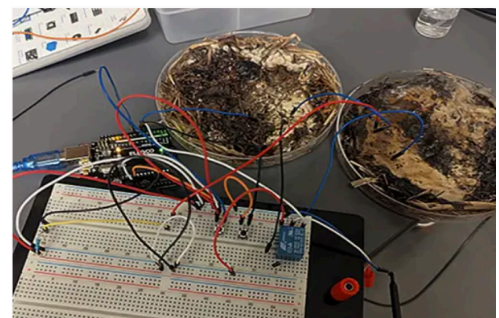
Durham, England, Oct. 27, 2025 (GLOBE NEWSWIRE) -- The convergence of artificial intelligence (AI) and Web 3.0 is ushering in a new era of intelligent productivity and decentralized value creation. WOA Hash is leading this revolution as a next-generation Web 3.0 AI cloud computing platform, enabling everyone to invest in high-quality computing power.



## [Fungi could replace silicon: Study shows mushrooms can store digital data](#)

By Mrigakshi Dixit, Oct 27, 2025

It turns out that mushrooms could become a part of future computers. Researchers at The Ohio State University are studying this possibility. They have proposed that common edible fungi could change how we process and store digital data.



### [Workshop on cloud computing, cyber security for industries held](#)

By BSS News, Oct 27, 2025

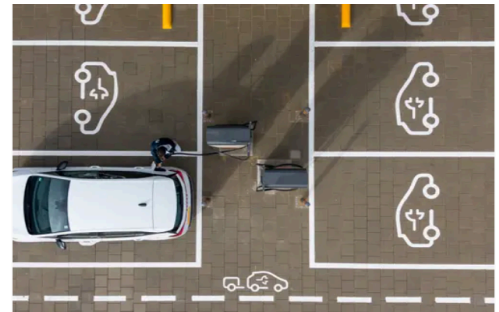
DHAKA, Oct 25, 2025 (BSS) - A training workshop on “Cloud Computing for Industry/Businesses: Driving Digital Transformation and Cyber Security Measures for Industry/Businesses” was held today at the boardroom of the Bangladesh Chamber of Industries (BCI) in the capital.



### [LG Energy Solution's B.once' can check an EV battery in just five minutes](#)

By Atharva Gosavi, Oct 27, 2025

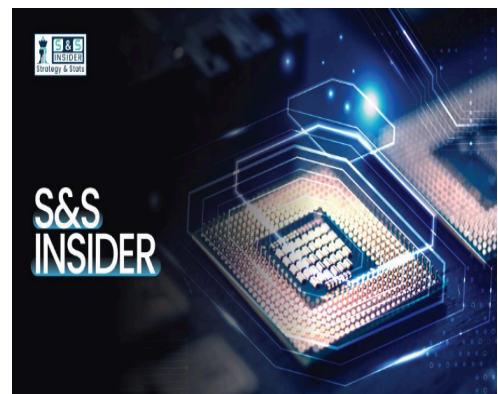
G Energy Solution (LGES) announced on October 27 the launch of B.once, a new diagnostic service that assesses the health of electric vehicle (EV) batteries by analyzing capacity, voltage, and temperature in real time.



### [Industrial Sensors Market Shows Explosive Growth Driven by Industry4.0 and Automation Trends](#)

By SNS Insider, Oct 27, 2025

In today's fast-changing industrial landscape, the industrial sensors market is frequently in the spotlight. With manufacturers and plant operators embracing digital transformation, automation and predictive maintenance, sensor technologies have become critical enablers. From monitoring pressure and temperature to tracking flow and position, sensor solutions are playing a central role in creating safer, smarter and more efficient operations.



## News Articles

### *Facebook, Reliance to invest ₹855 cr in AI joint venture*

STATESMAN NEWS SERVICE  
Mumbai, 25 October

Reliance Industries Limited (RIL) has announced incorporating a step-down subsidiary called Reliance Enterprise Intelligence Limited (REIL) to invest in enterprise-level artificial intelligence (AI) solutions.

REIL will be a 70:30 joint venture with Facebook Worldwide Inc, which will make an initial investment of Rs 855 crore in India. REIL will function as a subsidiary of Reliance Intelligence Limited, which is a wholly owned subsidiary of RIL, the company said in a regulatory filing to the stock exchanges.

"In accordance with the joint venture agreement, Reliance Intelligence will hold 70% and Facebook will



hold the balance of 30% in REIL," according to the filing.

"Reliance Intelligence and Facebook have jointly committed an initial investment of Rs 855 crore. Reliance Intelligence will invest an amount of Rs 2 crore towards the initial subscription of 20,00,000 equity shares of Rs 10 each,"

the filing made to the stock exchange mentioned.

REIL, incorporated in India as a wholly owned subsidiary of Reliance Intelligence, will become the joint venture company as per the amended and restated joint venture agreement with Facebook Overseas Inc, which is a wholly owned subsidiary of Meta Platforms

• **REIL will be a 70:30 joint venture with Facebook Worldwide Inc.**

• **The joint venture, which was first announced at RIL's AGM in August 2025, will use Meta's open source Llama models combined with Reliance's enterprise reach to offer AI tools across sectors.**

Inc, the filing stated. REIL will develop, market and distribute enterprise-level artificial intelligence (AI) services.

The joint venture, which was first announced at RIL's AGM in August 2025, will use Meta's open source Llama models combined with Reliance's enterprise

reach to offer AI tools across sectors.

The partnership will focus on two main offerings, including an enterprise AI platform-as-a-service enabling organisations to customise and deploy generative AI models, as well as a suite of pre-configured solutions for sales, marketing, IT operations, customer service and finance.

Meta will provide technical expertise in building Llama-based models, while Reliance will leverage its digital infrastructure and access to thousands of Indian enterprises and small businesses. The solutions will be deployable across cloud, on-premises and hybrid environments, with an emphasis on lowering the total cost of ownership.

**Source: The statesman, 26-10-2025**

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# Jumpers and drones make most of shutdown at Yosemite

Adventure enthusiasts have been recently spotted jumping off high peaks without permits, an illegal practice, as parks are unsupervised

GABE CASTRO-ROOT

FROM HIS PERCH on the 3,000-foot wall of El Capitan in Yosemite National Park, Charles Winstead heard the unexpected whoosh of a BASE jumper's parachute and looked up. "I turned on my camera and, there was a couple more, and then a couple more, and a couple more," said Winstead, 57, a rock climber who has been ascending El Capitan for much of this month.

And that was just on October 1, the first day of the government shutdown. In



a cellphone interview on Friday from about 1,000 feet up, he said he had seen roughly 20 jumps so far. BASE jumping, in which participants parachute off fixed objects such as buildings or cliffs, is illegal

in Yosemite and all 62 other national parks because of "the significant safety risks it poses to participants, the public and first responders," the National Park Service said in a statement.

But as the shutdown heads into its fourth week, the adventure sport has become a symbol of the chaos that park employees and other experts fear might take hold as major parks are left open to the public while much of their staff is furloughed.

Yosemite was the sixth most popular national park last year, with more than 4.1 million visitors.

BASE jumping has long happened in the park despite the rules against it, but the brazenness of jumpers during the shutdown is what struck Elisabeth Barton, a co-founder of Echo Adventure Cooperative, a guiding service in Yosemite. While in the past jumps took place mostly at dawn or dusk, when fewer people were around, now people were jumping "at noon instead of 6 in the morning," Barton said.

"Is it any more legal right now? No, not

at all," she added. "They're just less likely to get caught, or at least there's that assumption."

In a video Winstead shot from El Capitan, a voice in the background says, with an expletive, "Right in the middle of the meadow, that's insane!" as a jumper touches down in the heart of Yosemite Valley, the busiest part of the park.

The park service said there had been "three reported and documented BASE jumping complaints" in Yosemite since the shutdown began, but declined to comment further on those incidents, citing active investigations. It added that all law enforcement officers were on duty and "are responding to incidents as they normally would." BASE jumpers can face a fine of up to \$5,000 and six months in jail if they're convicted.

The permit-only hike up the cables on the back of Half Dome has emerged as an

area of concern during the shutdown. The permit requirement for that hike, a steep climb on an exposed rock face that is susceptible to sudden extreme weather, provides crowd control and helps officials understand who is on the mountain in case of an emergency. Permits are in such demand that the park uses a lottery system to distribute them.

Barton said more than a dozen customers in recent weeks had questioned whether they could get away with climbing Half Dome without a permit during the shutdown, a question "essentially nobody asked" before this month. She added that at least two people told her they made the ascent without anyone checking their permits during the first week of the shutdown.

Drones, which are illegal in the park, have also appeared more often during the shutdown, said Barton, adding that her staff had spotted them as many as seven times a day since the shutdown began, up from about once a week. —NYT

THE ADVENTURE SPORT HAS BECOME A SYMBOL OF CHAOS AS MAJOR PARKS ARE LEFT OPEN TO THE PUBLIC WHILE THEIR STAFF IS FURLOUGHED

Source: The Financial Express, 26-10-2025

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