

ATHARVA ROBOTICS CENTER

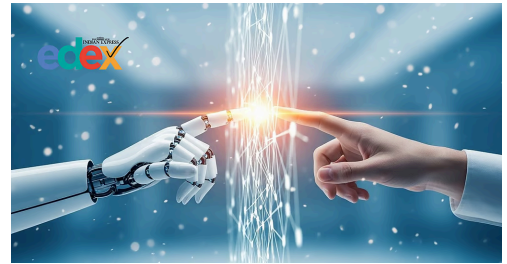
Daily News on Innovation & Technology

27th November, 2025

Advancing manufacturing and robotics: Transforming industrial productivity in India

By EdexLive Desk November 26, 2025

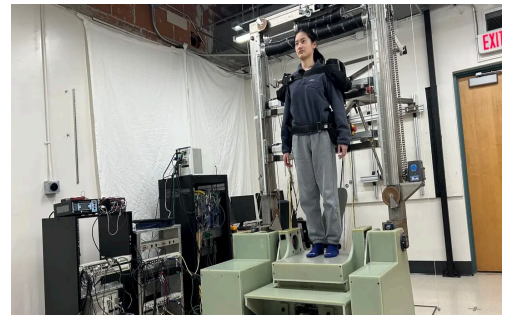
This transformation is not merely about automation—it represents the design of smarter, safer, and more sustainable production systems that meet international benchmarks while generating quality employment and economic resilience.



'Body swap' robot shows how balance slowly declines with age due to delayed signals

By Aamir Kholam, November 26, 2025

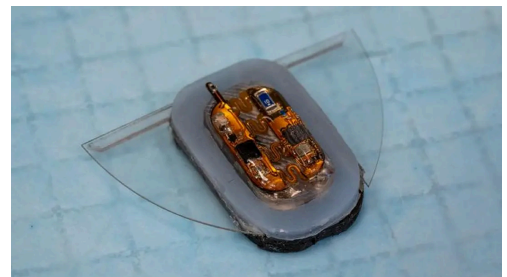
By simulating delayed neural feedback, the robot helped researchers understand why falls increase with age. UBC researchers have developed a life-sized 'body swap' robotic platform that is helping scientists understand how the brain keeps the body balanced.



Manta ray-inspired soft robot uses magnetic fields to swim and power itself autonomously

By Neetika Walter November 26, 2025

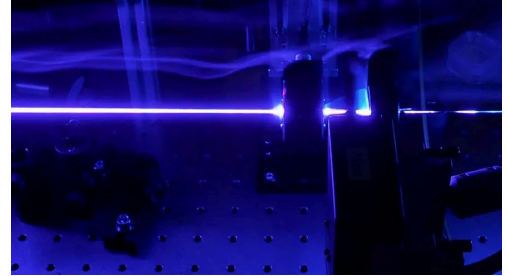
NUS researchers use magnetic fields to stabilize flexible batteries in manta ray-inspired soft robots for untethered operation. Soft robots are redefining the future of robotics with their ability to move gracefully through delicate or confined spaces.



[Quantum networks fused in first-of-its-kind demo that teleports entanglement instantly](#)

By Neetika Walter November 26, 2025

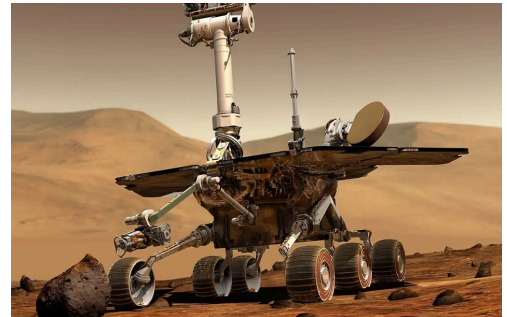
Heriot-Watt team merges two quantum networks into one reconfigurable system that routes, distributes, and teleports entanglement. For decades, scientists have chased a bold idea: a quantum internet that sends information not through electrical signals but through the eerie, invisible bonds connecting particles of light.



[Top 10 most iconic space rovers that survived harshest worlds in solar system](#)

By Atharva Gosavi November 26, 2025

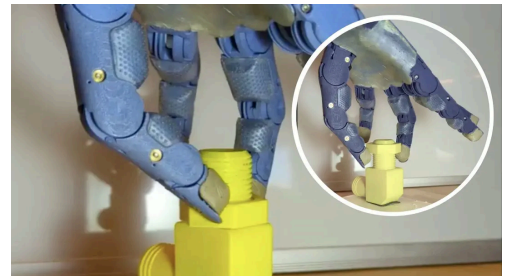
Planet exploration would be shaped by ingenious robotic rovers that have ventured across the Moon, Mars, and even asteroids. These vehicles represent humanity's determination to explore distant worlds and answer fundamental questions about our universe.



[Video: 'Backdrivable' robotic hand rotates a nut on bolt at crazy speeds](#)

By Prabhat Ranjan Mishra, November 25, 2025

The novel, low cost hardware mimics the mechanically compliant and precise functionality of humans. A New York-based company has unveiled a robotic hand that can rotate a nut on a bolt at super high speed. This is possible because it's fully backdrivable and torque transparent so it adapts naturally to the nut, according to Kyber Labs.



[US firms unveil humanoid robot head with 360-degree multi-sensory awareness](#)

By Atharva Gosavi, November 26, 2025

German company Infineon Technologies AG and HTEC have unveiled a new 360° Awareness Humanoid Robotic Head at the OktoberTech™ Silicon Valley 2025.





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