

## **Robotic MULE Inducted in Indian Army**

## Source: TH

The Indian Army has recently inducted 100 robotic Multi-Utility Legged Equipment (MULE) for use in forward (combat) areas, especially in high altitudes.

- These robots can climb stairs, steep hills, and operate in extreme temperatures ranging from -40 to +55 degrees Celsius and carry a payload of 15kg.
  - Also, **logistics drones** are being tested to improve support and transport in high-altitude areas.
- The robotic mule is a durable, agile ground robot designed for all weather, equipped with electro-optics and infrared technology for object recognition. It can move through and inside rivers.
- It will help the Indian army to enhance surveillance capabilities without risking human lives and to ensure critical supplies reach frontline soldiers.
- Mules are still crucial for supply delivery in high-altitude areas, making up a significant part of the Army's animal transport. The Army expects to reduce animal transport usage by 50-60% by 2030, though it remains essential in many border regions.
- China has already integrated <u>robotic dogs</u> into its military operations, indicating a growing deployment of robotics in military settings and possibly indicative of a new arms race.



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