



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalaivar Kamarajar"

India's Private Defence Boost: KAL Drone & JWALA System

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India's private defence sector is growing stronger with the debut of two new indigenous systems: KAL drone and JWALA missile system at a defence event.

KAL Drone:

India's first long-range, high-endurance attack drone developed by a private company.

Can travel deep into enemy territory and strike targets.

Designed to hit:

Critical infrastructure

Radar systems

Air defence units

Uses rocket-assisted launch from a rail system.

JWALA System:

An indigenous short-range missile system for quick response.

Can be used in:

Kamaraj IAS Academy

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Surface-to-air role

Surface-to-surface role

Capable of targeting:

Fighter aircraft

Cruise missiles

Drones and precision weapons

Why is this important?

Shows India's shift towards self-reliance (Atmanirbhar Bharat) in defence

Highlights the growing role of private companies in advanced military technology

Helps strengthen India's modern warfare capabilities

Background:

Modern warfare is increasingly driven by:

Drones (UAVs) for long-range precision strikes

Multi-role missile systems for fast response and defence

Private sector innovation is becoming crucial for faster development and cost-effective solutions.

In Short:

India's private sector has introduced the KAL long-range attack drone and JWALA missile system, boosting indigenous defence capabilities and modern warfare readiness.