

India Successfully Test Fires Agni-4 Ballistic Missile, Latest News

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India successfully conducted a **user trial of the Agni-4 Medium-Range Ballistic Missile (MRBM)** from the **Integrated Test Range (ITR), Chandipur, Odisha**, on **6 August 2026**. The launch was carried out under the **Strategic Forces Command (SFC)** and validated all operational and technical parameters of the missile.

Agni-4 Ballistic Missile

Agni-4 is an indigenously developed, nuclear-capable medium-range ballistic missile designed by the Defence Research and Development Organisation (DRDO) to provide India with a reliable long-range strategic strike capability.

- **Developed By:** Defence Research and Development Organisation (DRDO)
- **Missile Type:** Medium-Range Ballistic Missile (MRBM)
- **Range:** Approximately **4,000 km**
- **Warhead Capability:** Can carry both **nuclear and conventional** warheads
- **Propulsion:** Two-stage solid-fuel propulsion system

- **Guidance System:** Advanced Ring Laser Gyroscope (RLG), Micro Navigation System (MINGS), and indigenous avionics for high accuracy
- **Accuracy:** High precision with advanced inertial navigation and onboard guidance systems
- **Launch Platform:** Road-mobile launcher, enabling rapid deployment and greater survivability
- **Re-entry Vehicle:** Equipped with a heat shield capable of withstanding temperatures exceeding **3,000°C** during atmospheric re-entry
- **Mission Role:** Provides long-range precision strike capability and forms an important pillar of India's strategic missile arsenal
- **Strategic Significance:** Bridges the capability gap between **Agni-2** and **Agni-5**, enhancing India's credible minimum deterrence and second-strike capability.

Also Read:- [Agni Missile](#)

Also Read:- [Indian Ballistic Missile Defence Programme](#)

Strategic Importance of the Agni-4 Missile for India

Agni-4 is a key component of India's strategic missile arsenal, enhancing the country's long-range strike capability and strengthening its credible minimum deterrence against potential security threats.

- **Strengthens Nuclear Deterrence:** Enhances India's credible minimum nuclear deterrence by providing a reliable long-range strike capability.
- **Improves Strategic Reach:** With a range of about **4,000 km**, it can engage strategic targets across a wide geographical area.
- **Supports Second-Strike Capability:** Contributes to India's assured retaliation capability, a key pillar of its nuclear doctrine.
- **Enhances National Security:** Improves India's preparedness to address evolving regional and global security challenges.
- **High Operational Mobility:** Its road-mobile launch platform enables rapid deployment, flexibility, and increased survivability.
- **Promotes Indigenous Defence Technology:** Showcases India's advancements in missile technology developed by **DRDO** under the **Atmanirbhar Bharat** initiative.
- **Bridges Capability Gap:** Fills the operational gap between the **Agni-2** and **Agni-5** missile systems, strengthening the overall Agni missile series.

Also Read:- [Missiles of India](#)

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