



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

# DRDO Successfully Conducts Three Consecutive Flight Tests Demonstrating Multi-Layered Ballistic Missile Defence Capability

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The Defence Research and Development Organisation (DRDO) successfully conducted three consecutive flight tests, demonstrating India's capability to defend against long-range ballistic missile threats through a multi-layered Ballistic Missile Defence (BMD) system. The tests also validated anti-ship missile defence capabilities and showcased the effectiveness of indigenous defence technologies.?

Defence Minister Rajnath Singh stated that the successful trials have placed India among a select group of nations possessing advanced ballistic missile interception capabilities. The tests confirmed the operational effectiveness of India's layered defence architecture against evolving aerial and missile threats.

## **The trials demonstrated:**

Capability to intercept and neutralize ballistic missile threats.

Integration of multiple layers of missile defence systems.

Enhanced protection against long-range missile attacks.

Improved anti-ship missile defence capability.

Greater self-reliance in strategic defence technologies.

The achievement marks a significant milestone in India's efforts to build a robust indigenous missile shield and strengthen national security.

## **Additional Key Facts:**

### **Kamaraj IAS Academy**

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## Indian Ballistic Missile Defence (BMD) Programme

Launched after the Kargil War (1999).

Developed by DRDO.

Designed to provide a multi-layered shield against ballistic missile attacks.

Includes both exo-atmospheric and endo-atmospheric interception capabilities.

### About DRDO

Established in 1958.

Functions under the Ministry of Defence.

Headquarters: New Delhi.

Chairman: Dr. Samir V. Kamat.

### Key Components of India's Missile Defence System

Long-range tracking radars.

Command and control centres.

Interceptor missiles.

Integrated battle management systems.

### Countries with Advanced Ballistic Missile Defence Capabilities

India

United States

Russia

Israel

China

India is among the few countries to have successfully demonstrated indigenous ballistic missile interception technology.

### Related Defence Developments

DRDO successfully tested the indigenous VSHORADS (Very Short-Range Air Defence System) in February 2026.

DRDO and the Indian Air Force successfully flight-tested the RudraM-II Air-to-Surface Missile in June 2026.

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## **Exam Focus Points (Quick Revision Notes)**

Organisation ? DRDO

Achievement ? Three Consecutive Flight Tests of Multi-Layered Ballistic Missile Defence System

Date ? June 2026

Objective ? Demonstrate Ballistic Missile Interception Capability

Defence Minister ? Rajnath Singh

Programme ? Indian Ballistic Missile Defence (BMD) Programme

DRDO Established ? 1958

Headquarters ? New Delhi

Significance ? Strengthens India's Missile Shield and Strategic Defence Capability

Concept Highlighted ? Aatmanirbhar Bharat in Defence