

**PRESS INFORMATION BUREAU (DEFENCE WING)  
GOVERNMENT OF INDIA**

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‘हर काम देश के नाम’

**New Delhi, Kartika 11, 1944**  
**Wednesday, November 02, 2022**

**DRDO conducts successful maiden flight-test of Phase-II Ballistic  
Missile Defence interceptor off Odishacoast**

Defence Research & Development Organisation (DRDO) conducted a successful maiden flight-test of Phase-II Ballistic Missile Defence (BMD) interceptor AD-1 missile with large kill altitude bracket from APJ Abdul Kalam Island off the coast of Odisha on November 02, 2022. The flight-test was carried out with participation of all BMD weapon system elements located at different geographical locations.



The AD-1 is a long-range interceptor missile designed for both low exo-atmospheric and endo-atmospheric interception of long-range ballistic missiles as well as aircraft. It is propelled by a two-stage solid motor and equipped with indigenously-developed advanced control system, navigation and guidance algorithm to precisely guide the vehicle to the target.

During the flight-test, all the sub-systems performed as per expectations and were validated by the data captured by a number of range sensors including Radar, Telemetry and Electro Optical Tracking stations deployed to capture the flight data.

Raksha Mantri Shri Rajnath Singh congratulated DRDO and other teams associated with successful flight trial of AD-1. He termed it as a unique type of interceptor with advanced technologies available with a very few nations in the world. He exuded confidence that it will further strengthen the country's BMD capability to the next level.

Secretary, Department of Defence R&D and Chairman, DRDO Dr Samir V Kamat congratulated his team on the successful trial, stating

that this interceptor will provide great operational flexibility to the users and having capability to engage many different types of targets.

**ABB/Savvy**