



## Pinaka Missile System

 [drishtiias.com/printpdf/pinaka-missile-system](https://drishtiias.com/printpdf/pinaka-missile-system)

### Why in News

Recently, an **updated version of Pinaka Missile System**, named **Pinaka Mark II** rocket was successfully flight-tested from the Integrated Test Range, Chandipur, Odisha.



### Key Points

- Pinaka is an **indigenous multi-barrel rocket launch system**, which has been developed by the **Defence Research and Development Organisation (DRDO)** for the Indian Army.
- Its weapon system has a state-of-the-art guidance kit bolstered by an advanced navigation and control system.
  - The **Pinaka Mark II Rocket** is modified as a missile by integrating with the navigation, control and guidance system to improve the accuracy and enhance the range.
  - The navigation system of the missile is aided by the **Indian Regional Navigation Satellite System (IRNSS)**.
- It is an artillery missile system capable of striking into enemy territory up to a range of 75 kilometres with high precision.

The initial version of weapon system was called **Mark I**, which had a range of **40 km**. The upgraded version or **Pinaka Mark II** has an extended range of **70 to 80 km**.

- The mission achieved all the **objectives** including enhancing the range, accuracy and sub-system functionality.

**Source: PIB**