



Advance version of Akash missile successfully test-fired | Rajasthan | 28 Apr 2022

Why In News?

- On April 27, 2022, **akash prime**, the advance version of **akash missile**, was successfully test-fired at pokhran field firing range in the border district of jaisalmer.

Key Point

- It is worth mentioning that The Akash missile is a **ground-to-air missile made in India**. It can be fired from any vehicle or permanent place on the ground.
- There were a total of 2 missiles in the Akash missile family so far, now Akash Prime has become the third important missile of this class. These missiles are capable of destroying any kind of aircraft in the air.
- The range of this missile is up to 30 kilometers in the sky and it can carry a payload of up to 60 kg at a time. This missile can also be controlled in the air and can also target from drons to fighter jets through sensors themselves.
- Akash Prime is also able to easily penetrate from fighter jets flying at high altitudes to drons, cruise missiles, air-to-surface missiles and ballistic missiles. It can scan about 10 times more area than the basic Akash missile.
- The special thing about the missile is that it is capable of detecting enemy planes and destroying them in the sky. This missile is 30 km to the aircraft. It can aim far away and up to 18,000 meters high.
- Akash missiles have been developed by DRDO and are produced by Bharat Dynamics Limited. The responsibility of creating its surveillance, radar, command centre and launcher is with Bharat Electronics (BEL), Tata Power Strategic Engineering Division and Larsen & Toubro.