

# QRSAM (Quick Reaction Surface to Air Missile)

April 18, 2020

**Why in news?**

India has successfully test fired the QRSAM technology.

**What is this?**

- It is basically a missile system and has been developed to replace the 'Akash' missile defence system, with a 360-degree coverage.
- The QRSAM weapon system, which operates on the move, comprises fully automated command and control, active array battery surveillance radar, active array battery multifunction radar and launcher.
- Both the radars are four-walled having 360-degree coverage with search on move and track on move capability.
- It is developed by DRDO and has been tested from the Odisha coast, Chandipur.
- It is expected to be ready for induction by 2021.
- With a strike range of 25-30 kms, it uses solid fuel propellant.
- It is capable of hitting several targets at once.
- It is capable of hitting low flying objects.
- It is predominantly developed for the Indian Army and is in possession of State-of-the-art technology like array radar, radio frequency seeker and so on.