



Advanced Towed Artillery Gun System (ATAGS)

Why in News?

On **Independence Day**, ATAG, an indigenously developed howitzer, became part of a 21-gun salute at the Red Fort.



What do we Know about the ATAGS?

▪ About:

- The ATAGS is an **indigenous 155 mm x 52 calibre howitzer gun**.
 - Howitzers is an umbrella term for a category of long-range artillery guns.
- It is developed by the [Defence Research and Development Organisation \(DRDO\)](#) with its Pune-based facility Armament Research and Development Establishment (ARDE) being the nodal agency.
- The ATAGS project was **started in 2013 by DRDO** to replace older guns in service in the Indian Army with a modern 155 mm artillery gun.

▪ Features:

- The armament system of ATAGS mainly **comprises barrel, breech mechanism, muzzle brake and recoil mechanism** to fire 155 mm calibre ammunition held by Army with a longer range, accuracy and precision and provides greater firepower.
- The **ATAGS is configured with all electric drive** to ensure maintenance free and reliable operation over a longer period of time.
- It has **advanced features in terms of high mobility, quick deployability**, auxiliary power mode, advanced communication system, automatic command and control system with night firing capability in the direct fire mode.
- The specialised gun system is **compatible with C4I (command, control, communications, computers, and intelligence) systems** like the Artillery Combat Command and Control System (ACCCS) called Shakti for technical fire control, fire planning,

deployment management, and operational logistics management of the Army.

▪ **Future Role:**

- The **development process of ATAGS by the DRDO coincides with development of Howitzer Dhanush** for Advanced Weapons and Equipment India of the erstwhile [Ordnance Factory Board](#).
- In 2019, the Army and the Ministry of Defence gave bulk production clearance to produce 114 Dhanush.
- In the coming days, ATAGS and [Dhanush](#) will successfully replace older artillery systems.

[Source: IE](#)

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