

PM NARENDRA MODI WILL HAND OVER ARJUN MARK 1A TO THE INDIAN ARMY.KNOW ITS FEATURES

Relevant for: Science & Technology | Topic: Defence related developments

Prime Minister Narendra Modi will hand over the Arjun Main Battle Tank Mark-1A (MK-1A) to the Indian Army on February 14 in Chennai, Tamil Nadu.

G Satheesh Reddy, Secretary of Defence Research and Development and Chairman of Defence Research and Development Organisation (DRDO) said it is a great decision by Prime Minister to dedicate MK-1A to the nation.

"It is a great decision by Prime Minister to dedicate MK-1A to the nation by handing it over to Indian Army, giving a message that India stands by its indigenous systems and they would be promoted and encouraged in a big way," he said adding that it is a step towards making India self-reliant.

Arjun Mark 1A has 71 major and user-driven upgrades that make it world-class and will immensely benefit the Indian Army. Features like increased mobility, fighting capabilities are added in the MK-1A

Arjun Mark-1A is an all-state-of-art feature incorporated tank with 71 additional features:

"People in the country and the organisations should strive in making state of art indigenous systems so that in the upcoming years the armed forces will have the maximum indigenous content based equipment," Reddy said while speaking to news agency *ANI*.

He further mentioned that many more in the pipeline such as air-to-air missile Astra for IAF & Navy, Smart Anti-Airfield Weapon, Air-independent propulsion, ATAGS guns, future aircraft & Medium Power Radar.

Reddy said the Arjun tank order for 118 tanks is 8,500 crore worth of order, adding that "Around 200 industries are working in a chain for the order in different ways, and provide employment for more than 8,000 people, which will boost the industries and the country's economy in a big way."

V Balaguru, Associate Director of Main Battle tank and Transfer of Technology Department, Combat Vehicles Research and Development Establishment, said there are 71 additional upgrades over the Arjun Mark 1.

Fire Power:

Accurate and fast target acquisition capability during day and night and in all types of weather .

Shortest possible reaction time during combat engagements .

Ability to accurately engage targets on move .

Capability to destroy all possible enemy armour at maximum battle ranges

Excellent first hit probability

Main Armament

Secondary Armament

Gunner's Main Sight

Panoramic Sight for Commander

Ammunition

Mobility

High performance engine

Robust and effective transmission system particularly flexible hydropneumatic suspension .

Optimized running gear with its high shock energy absorption.

Protection:

The computerised design and simulation .

A fabricated turret housing lightweight compact KANCHAN armour.

Careful dimensioning of wall through optimal slopes and angles .

A low silhouette.

Crew Comfort

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