



# Baatcheet

No. 06/2025

AN INDIAN ARMY PUBLICATION

June 2025

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PRACHAND



## CAPABILITY DEVELOPMENT

DEVELOPING CAPABILITIES, DELIVERING SUCCESS

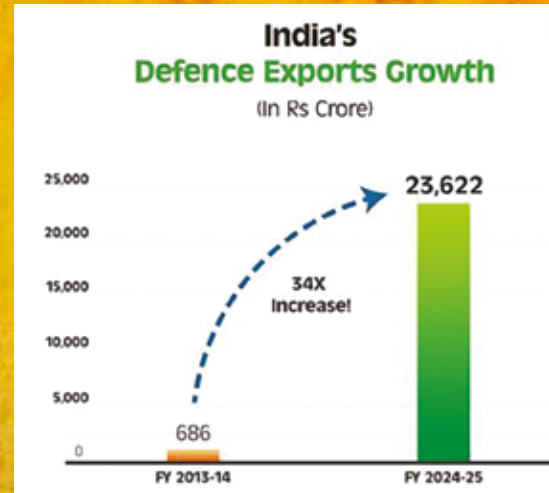


ATAGS

AKASH

# JOURNEY SO FAR...

“Make in India - Make with the World - Make for the World”



## Where We Are

- ◆ Visible shift from Buy Global to Buy Indian in contracts signed
- ◆ Defence exports have galloped from mere ₹ 1521 Cr in 2016-17 to ₹ 23,622 Cr in 2024-25
- ◆ Highest ever value of Indigenous defence production at ₹ 1.27 Lakh Cr in 2023-24

- ◆ Successive revision of Defence Acquisition Procedure - Provisions to encourage greater participation of private sector
- ◆ Categorization of Buy Indian being the most preferred & Buy Global the least

2011  
-  
2016

- ◆ DRDO was established with 10 laboratories
- ◆ Defence requirements still heavily dependent on imports

1960  
-  
1990

- ◆ Establishment of 41 Ordnance factories, 16 DPSUs & 52 DRDO laboratories
- ◆ India still the largest importer of military hardware

1950  
-  
1960

1947

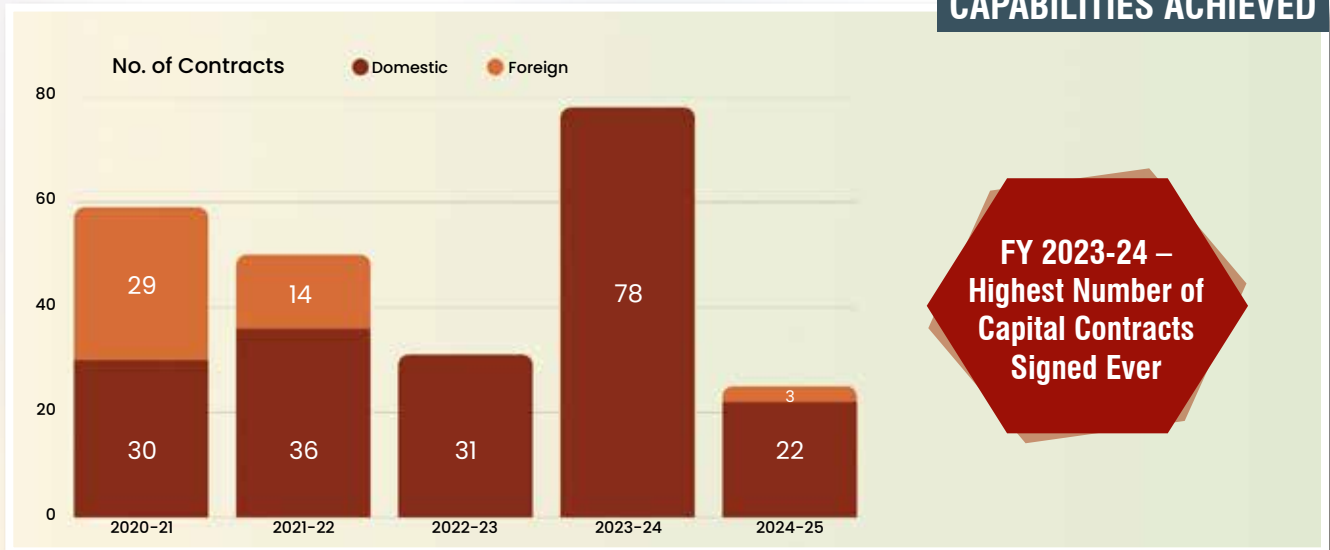
- ◆ 12 Ordnance Factories - Manufacture of basic clothing requirement only
- ◆ Defence weapons & equipment - imported primarily from Britain



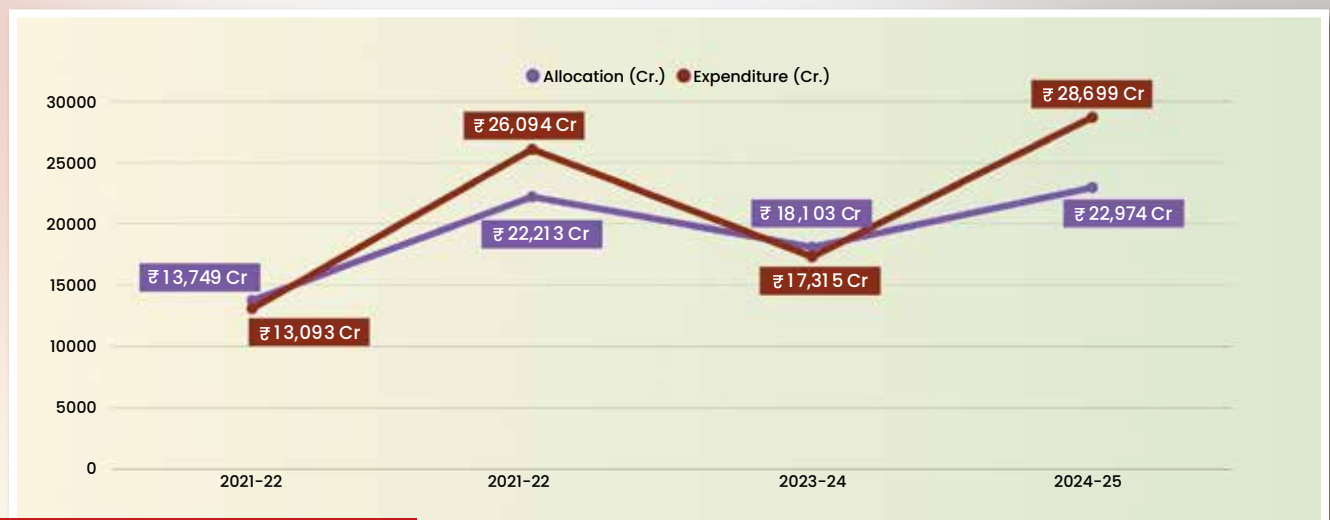
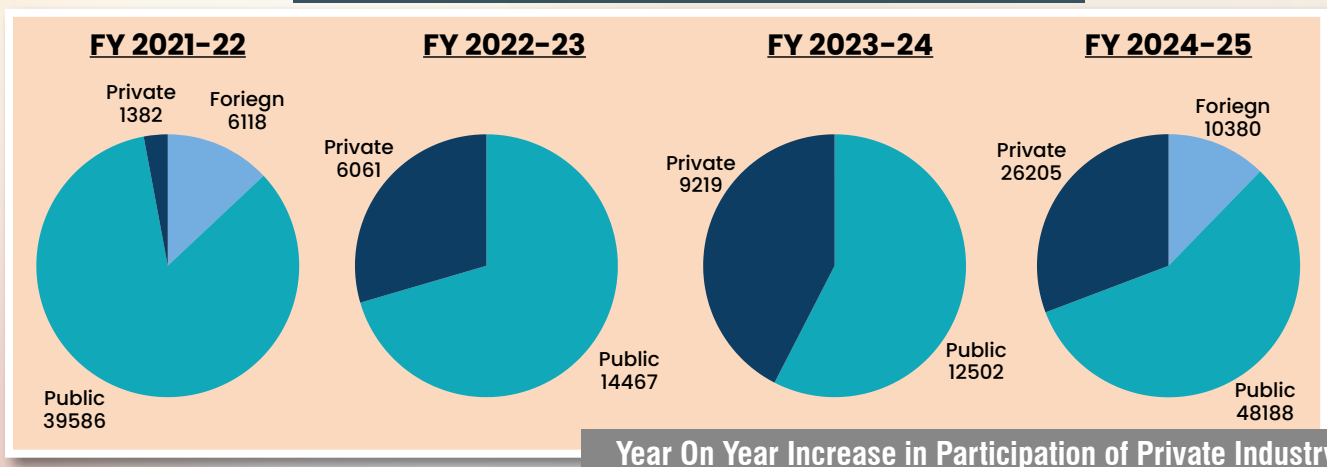
# CAPABILITY DEVELOPMENT OF INDIAN ARMY

Capability is Confidence

## CAPABILITIES ACHIEVED



## CHANGING FACE OF CAPITAL CONTRACTS : IA



**Optimum Utilisation of Budget**

# MAJOR CONTRACTS



## MQ-9B

Contract for procurement of eight MQ-9B Remotely Piloted Aerial System (RPAS) worth ₹ 8,600 Cr has been concluded with US government to induct the State-of-the-art RPAS enhancing the Intelligence Surveillance Recce (ISR) & strike capability of Indian Army.



## ADVANCED TOWED ARTILLERY GUN SYSTEM (ATAGS)

To augment long range precision strike capability, an order for 307 guns worth approx ₹ 6,800 Cr has been placed with Bharat Forge & Tata Advanced System Limited (TASL).



## K-9 VAJRA

K-9 Vajra is a self-propelled Artillery gun, designed to provide Artillery with matching mobile while operating with mechanised columns in desert & semi-desert terrain. An order for 100 guns worth ₹ 7,600 Cr has been placed with Larsen & Toubro.



## LIGHT COMBAT HEPTR (LCH)

LCH will be a major boost to the helicopter fleet of the Indian Army, enhancing the Intelligence Surveillance Recce (ISR) capability & lethality of the existing fleet. A contract for procuring 90 LCH worth approx ₹ 40,700 Cr has been signed with Hindustan Aeronautical Limited (HAL).



# SIGNED IN FY 2024-25

## BIG NUMBER, BIG IMPACT



### BRIDGE LAYING TANK (BLT)

BLT T-72 is designed to provide mechanised columns with bridging support operating deep in desert & semi-desert terrain with matching mob. A contract with Armoured Vehicle Nigam Limited (AVNL) for procuring 47 BLT T-72 worth ₹ 1500 Cr has been signed.



### 7.62 MM ASSAULT RIFLE SIG SAUER

To equip the frontline troops with 7.62 mm Sig Sauer, contract for procuring the balance 73,000 quantity of 7.62 mm Sig Sauer was signed with the US Government. The assault rifle offers multiple modern day state-of-the-art features along with increased lethality & precision as compared to the existing 5.56 mm INSAS rifle.



### 1000 HP ENGINE FOR TANK T-72

A major upgrade in the existing fleet of tank T-72, to upgrade the existing 780 HP engine with a 1000 HP engine. A contract with ROSOBORN (Russia) has been signed for procuring 1000 x 1000 HP engines worth approx ₹ 2100 Cr. It is a Buy & Make project, where initial 200 engines would be procured from Russia & balance 800 would be manufactured in India.



### PINAKA AMMUNITION

In a major initiative to boost the deep strike capability of Pinaka Regiments, two contracts worth approx ₹ 4,500 Cr & ₹ 5,700 Cr have been signed with Munitions India Limited (MIL) & Economic Explosives Limited (EEL). The ammunition is likely to get inducted by end of 2025/ early 2026.

# EMERGENCY PROCUREMENT



NANO DRONE



CANISTER LAUNCHED ANTI  
ARMOUR LOITER MUNITION



HAND HELD THERMAL  
IMAGER UNCOOLED

## Emergency Powers Granted to Plug in Immediate Capability Gaps in Protracted Timeline



VEHICLE MODIFIED INFANTRY  
MORTAR SYSTEM

Procurement in Four  
Tranches Covering  
Capability Domains  
Ranging from Force  
Application, Battlefield  
Awareness, Command  
& Control, UAS & C-UAS &  
Protection



INFANTRY PROTECTED  
MOBILITY VEHICLE



SPECIAL MOBILITY VEHICLE



QUICK REACTION FIGHTING  
VEHICLE



LOGISTIC DRONE- MEDIUM  
ALTITUDE



ROBOTIC MULE



LIGHT BULLET PROOF VEHICLE



TACTICAL DRONE



# CAPABILITIES PLANNED FOR ACQUISITION IN FY 2025-26



QUICK REACTION SURFACE  
TO AIR MISSILE (i)



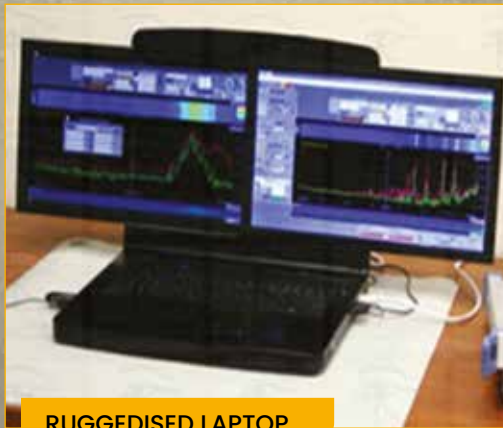
ADVANCED LIGHT  
HELICOPTER MARK -III



INVAR - ANTI TANK GUIDED  
MISSILE



BRAHMOS NG



RUGGEDISED LAPTOP



VSHORADS - VERY SHORT  
RANGE AIR DEFENCE SYSTEM



CLOSE QUARTER BATTLE CARBINE



STRELLA 10M SHORT RANGE  
SURFACE TO AIR MISSILE SYSTEM



AIR DEFENCE FIRE CONTROL  
RADAR (i)

Contracts Worth ₹ 68000 Cr Planned for Acquisition in FY 2025-26

# SYSTEM CAPABILITY ENHANCEMENT: PLANNED AND ONGOING PROCUREMENT OF DRONES



NANO DRONE



SURVEILLANCE COPTER



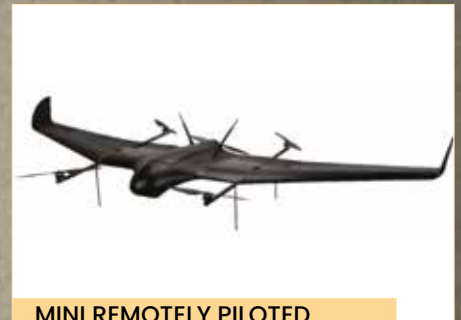
LOITER MUNITION SYSTEM



AERIAL TARGETING SYSTEM



AREA RUNWAY INDEPENDENT  
REMOVED PILOTED AERIAL SYSTEM



MINI REMOTELY PILOTED  
AERIAL SYSTEM



LOGISTIC DRONE HIGH ALTITUDE



LOGISTIC DRONE HEAVY WEIGHT



LOGISTIC DRONE LIGHT WEIGHT



UNMANED AERIAL VEHICLE SYSTEM  
LAUNCHED PRECISION GUIDED  
MISSILE



TETHERED DRONE FOR HIGH  
ALTITUDE AREA

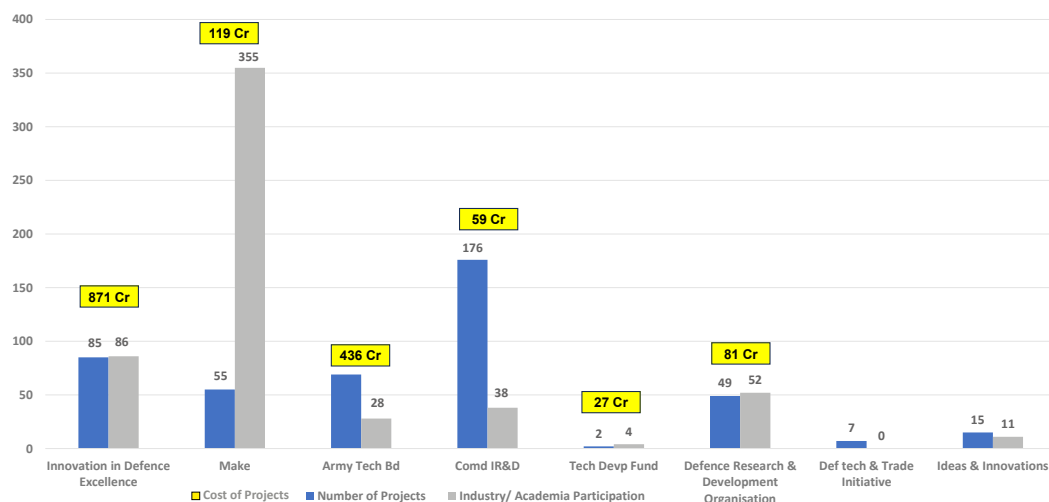


MALE RPA WITH SATCOM



# MODERNISATION THROUGH TECH INFUSION

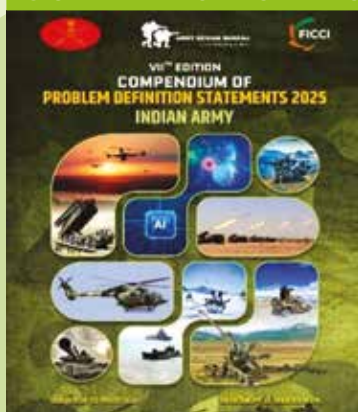
## ONGOING PROJECTS



- 458 projects are in various stages of development costing ₹ 2,01,000 crore.
- 574 Industry/ MSME/ Startups/ Academia are involved.

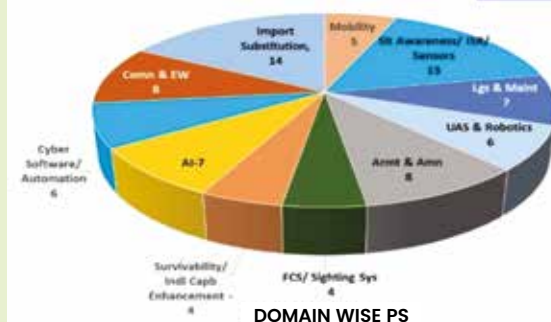
## COMPENDIUM OF PROBLEM STATEMENTS 2025

- Compendium of Problem Definition Statement 2025 (CPDS) was released by Hon'ble RM in Feb 25 during Aero India.
- It comprises 82 Problem Statements covering 11 domains.
- 145 proposals received till date.



### CPDS 2025

TOTAL PS - 82



DOMAIN WISE PS

## FORWARD AREA TOUR



- Forward Area Tours are conducted for Industry/ Academia Representatives.
- Enhance awareness about challenging operational terrain and weather conditions.
- Eight Representatives participated from Industry and Academia.

## MUNITION DROPPING EXERCISE

- An Exercise undertaken in Central Command.
- To innovate and design suitable mech to integrate available ammunition/ explosive i.e. Grenade/ Mortar Bombs/ Shaped Charges on to readily available commercial in service drones.



# CHIEF'S PAGE



COAS visited forward posts in Uttarakhand to review the security and operational readiness. COAS interacted with the troops of Indian Army & ITBP.



COAS witnessed cutting-edge demonstrations of indigenous Unmanned Aerial System (UAS), counter UAS and loitering munitions on 27 May 2025 at Babina Field Firing Ranges.



COAS visited Red Eagle Division to assess the current operational readiness of the formation. The COAS appreciated the division's combat readiness & effective integration of advanced technology to counter emerging threats.



COAS reviewed operational preparedness in J&K's Paragwal Sector and visited the Tiger Division where he commended troops for their outstanding performance in OPERATION SINDOOR.



COAS interacted with the officers superannuating on 31 May 2025 during the Retiring Officers' Seminar., honouring a lifetime of service to the Nation.



COAS inaugurated 'Ibex Tarana' – Community Radio Station (88.4 MHz) at Jyotirmath. The station is dedicated to the people of the Garhwal region, with the aim of serving as a powerful medium for community empowerment and regional development.



# SNIPPETS



Joint Inter-Services Security Exercise - MUMBAI KAVACH 2025, high-level joint exercise was conducted by the Indian Army at Colaba, Mumbai to validate integrated responses to multi-dimensional threats.



Operation Jal Rahat, the Indian Army carried out extensive rescue efforts across Imphal East and West, evacuating over 500 civilians, from waterlogged areas of Wangkhei, Heingang, Lamlong, Khurai, JNIMS and Ahallup.

12 Indian Army athletes represented India at the 26<sup>th</sup> Asian Championships, held in Gumi, South Korea from 27 to 31 May 2025. They secured 9 medals: 5 Gold, 2 Silver & 2 Bronze.



17<sup>th</sup> Indo-Mongolia Joint Exercise Nomadic Elephant 2025 was conducted from 31 May to 13 June 2025 in Ulaanbaatar.



14<sup>th</sup> India-UK Executive Steering Group, between the Indian Army and British Army was held in New Delhi and Hisar from 20 to 21 May 2025.





# CEREMONIAL



In commemoration of the United Nations Day, Lieutenant General Rakesh Kapoor, DCOAS (IS&C), laid a wreath at the National War Memorial.



Capt Nojo Masashi, Chief Instructor, Joint Staff College, Japan, paid solemn tribute at the National War Memorial honouring the valour & sacrifice of India's Bravehearts.



President Droupadi Murmu presented Param Vishisht Seva Medal during Defence Investiture Ceremony at Rashtrapathi Bhavan.



Lt Shashank Tiwari made the supreme sacrifice while rescuing a fellow soldier during an operational patrol in high-altitude North Sikkim. The wreath was laid with full military honours by GOC Trishakti Corps, at Bengdubi Military Station.



Lt Gen BKGM Lasantha Rodrigo, Sri Lanka Army Chief, reviewed the Spring Term 2025 Passing Out Parade at IMA. 451 cadets, including 32 from friendly foreign nations (02 from Sri Lanka), were commissioned.

COAS & President AWWA interacted with the Gallantry Awardees, Veer Naris & Families honoured during the Investiture Ceremony-2025 at New Delhi.





# VETERANS CORNER



COAS conferred the Veteran Achievers Award on distinguished Colonel Raj Kumar Kak (Retd), Captain DPN Singh (Retd), Subedar Major (Honorary Captain) KC Upadhyay (Retd) and Subedar Major (Honorary Captain) Anjani (Retd) at Prayagraj on 27 May 25.



As part of Outreach Program, Brahmastra Corps organised a Veterans Meet at Ranchi Military Station. The event focused on Veterans' welfare and updates on ongoing initiatives. Indian Army's step towards supporting and empowering our veterans.

Ms Preity Zinta made a generous contribution of ₹1.10 crore for welfare of Veer Naris and education of their children ensuring their brighter future. This noble gesture is a powerful demonstration of her unwavering commitment towards our Armed Forces and their families.



An MoU for expansion of Project NAMAN to establish more SPARSH-enabled Common Service Centres (CSC) across India, providing seamless access to pension services at 25 locations.



On the occasion of World Environment Day, Armed Forces veterans of Atulya Ganga Trust, carried a three days 'Plastic Eradication Kaar Sewa' from Gangotri to Harsil in Uttarakhand, from 5-7 Jun 25.





# EQUIPMENT OF THE MONTH

## AKASHTEER

Akashteer is an air defence system made for the Indian Army. It helps detect, track and destroy enemy threats in the air like fighter planes, drones and missiles. It works in real-time, meaning it reacts instantly and protects to Indian airspace.

## TECHNICAL EDGE

Akashteer is not a stand alone system. It is part of a growing ecosystem of indigenous defence platforms that are reshaping India's war-fighting capabilities. The Make in India initiative has bolstered growth and enabled the development of advanced military platforms including the Dhanush Artillery Gun System, Advanced Towed Artillery Gun System (ATAGS), Main Battle Tank (MBT) Arjun, Light Specialist Vehicles, High Mobility Vehicles, Light Combat Aircraft (LCA) Tejas, Advanced Light Helicopter (ALH), Light Utility Helicopter (LUH), Weapon Locating Radar, 3D Tactical Control Radar, and Software Defined Radio (SDR), as well as naval assets like destroyers, indigenous aircraft carriers, submarines, frigates, corvettes, fast patrol vessels, fast attack craft, and offshore patrol vessels.

## KEY FEATURES

- **Fully Automated** : Akashteer uses network of sensors to find and stop threats quickly. It uses softwares to process the data, with very little help from humans, reducing error and saving time.
- **Works with Many Sensors** : It combines data from different radars and satellites like Cartosat and

RISAT. This helps make a full picture of what is happening in the sky.

- **Real- Time Command and Control** : Akashteer is part of India's big defence network called C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance). This connects the Army, Navy and Air Force to work together and respond fast.
- **Mobile and Flexible** : It is installed on vehicles, so it can move to different places quickly like borders or war zones.
- **Quick Decision Making** : Field commanders don't need to wait for orders. They can take fast action to destroy incoming threats right away.
- **Safe and Secret Communication** : Akashteer uses secure and quiet messages, which makes it hard for the enemy to understand or jam the system.

## SIGNIFICANCE

- **Indigenous and Self-Reliant** : Akashteer is completely made in India. It shows that India is becoming self-reliant and strong in defence technology.
- **Multi-Layer Protection** : It works together with other systems like Akash Missile System and S-400. This gives India several layers of defence from the ground to the sky.
- **Smart and Proactive Defence** : Akashteer doesn't just wait for threats; it sees, decides and acts fast. This makes it better than many traditional defence systems.



MAHAVIR CHAKRA



# BATTLE OF NAGI

MAJOR (LATER BRIGADIER) V K BERRY  
PARACHUTE REGIMENT

The Battle of Nagi, in the aftermath of the 1971 Indo-Pakistani War, was fought in Sriganganagar, Rajasthan, challenging the ceasefire. This audacious incursion by Pakistani forces and the resolute response of the Indian Army underscored the unwavering courage and commitment of Indian soldiers in safeguarding national territory. Following Pakistan's surrender in Dhaka on 16 Dec 1971, Pakistani troops, in a calculated move, infiltrated and occupied a strategically vital sand dune near Nagi village in Sri Karanpur tehsil. Their objectives likely included undermining India's victory, seeking a semblance of retribution after their eastern devastation and potentially gaining leverage for future negotiations through territorial acquisition. This blatant violation of the ceasefire demanded immediate and decisive action from the Indian military. The onus of evicting the intruders fell upon the 51 (I) Para Bde. The assault force comprised of 4 Para (Special Forces) as the primary attacking element, supported by the crucial artillery fire of the 9 Para Fd Regt, obstacle cleared by 410 Fd Coy (Corps of Engineers) and Armour support given by 18 Cav.

Major VK Berry of 4 Para initiated the assault at the pre-dawn hours at 0400hrs on 27 Dec 1971. The Pakistani forces, entrenched and fortified atop the sand dune, held a significant tactical advantage, boasting superior elevation, clear fields of fire and augmented by minefields.

As the paratroopers advanced, they were met with a barrage of accurate artillery and intense heavy machine gun fire. The initial assault resulted in significant casualties for 4 Para. However, displaying extraordinary courage and unwavering resolve, the Indian soldiers held their ground and pressed forward. Simultaneously, the artillery of the 9 Para Fd Regt effectively countered the Pakistani barrage, neutralising key enemy firing positions. The engineers of 410 Fd Coy, under relentless enemy fire, bravely cleared mines and other obstacles, paving the way for infantry to advance.

Despite the fierce resistance, the soldiers of 4 Para with their determination, operational strategy and the effective coordination of supporting arms, relentlessly marched towards enemy position at Nagi sand dune and by 0600 hours on 28 Dec 1971, successfully recaptured the Nagi sand dune, forcing the Pakistani troops into retreat and leaving behind cache of weapons and ammunition.

21 brave Indian soldiers made the ultimate sacrifice during this encounter. Their heroism and valour are etched in the sands of Nagi, a testament to the courage of the Indian Armed Forces. On 24 April 2025, 72-foot-high National Flag was installed by the Flag Foundation of India at Nagi War Memorial as a towering emblem of unity, pride and sacrifice. Indian Army observes 'Nagi Day' annually on December 27 - 28, commemorating the heroism and sacrifice of these fallen soldiers through wreath-laying ceremonies, educational presentations and community engagements.





# COMMUNIQUE

## CANTEEN SMART CARD RENEWAL PORTAL

The Directorate of Canteen Services (CSD), under the Quartermaster General's (QMG) Branch, is stepping up to provide better canteen services for all CSD users—especially veterans and their families. From removing smart card renewals to increasing car buying limits, CSD has introduced many veteran-friendly changes. The CSD's online portal ([csdindia.gov.in](http://csdindia.gov.in)) lets you shop for groceries and AFD-I items from home, with delivery options rolling out in cities like Delhi and Mumbai as of 2025.

- **Buy Your Quota in Advance.** Now you can buy your full monthly quota in advance.
- **Bigger Budgets for Four-Wheelers.** The CSD monetary limits for four-wheeler purchases
  - **Officers:** ₹ 20 Lakhs (up from ₹ 15 Lakhs).
  - **JCOs:** ₹ 10 Lakhs (up from ₹ 7 Lakhs).
  - **OR:** ₹ 8 Lakhs (up from ₹ 6 Lakhs).
  - Electric Vehicles (EVs) get an extra ₹ 5 Lakhs above these limits.
- **More Cars in Your Lifetime.** For JCOs and OR lifetime car purchase limits as of February 1, 2024:
  - **JCOs:** Five cars in a lifetime (previously fewer).
  - **OR:** Four cars in a lifetime (up from fewer).
  - **Widows/NoK:** Can use any unveiled quota from the deceased soldier.
  - The gap between purchases remains eight years.
  - For serving personnel, the first car after five years of service.
  - Officers and civilians in Pay Level 10-18 : One card every 08 years, no lifetime cap.
- **Upgrade Your Home with TVs and ACs**
  - **Two TVs:** Within a four-year block (e.g., 2025-2028).
  - **Four ACs:** Also in a four-year block, up from previous limits.

➤ Whether you're serving, retired, or a family pensioner (Pay Level 1-18), these perks apply.

➤ Block periods reset every four years.

- **Other AFD-I Items Made Simple**

Beyond cars and appliances, other Against Firm Demand (AFD-I) items like two-wheelers, fridges, washing machines, laptops, and desktops:

➤ **Limit:** One of each type every four years.

➤ **Rule:** Only one type at a time within the four-year gap from your last purchase.

➤ Eligible include all armed forces personnel (serving/retired), defence civilians, and family pensioners (Pay Level 1-18).

- Special Support for Veer Naris and NoK. Veer Nari or Next of Kin (NoK) of a Battle Casualty (Fatal) will get a unique Canteen Smart Card free of cost—no fees, no fuss.

- **Eligibility**

Four-Wheelers:

➤ **Pay Level 3-5 (OR):** ₹ 8 Lakhs (₹ 13 Lakhs for EVs), four in lifetime.

➤ **Pay Level 6-9 (JCOs):** ₹ 10 Lakhs (₹ 15 Lakhs for EVs), five in lifetime.

➤ **Pay Level 10-18 (Officers/Civilians):** ₹ 20 Lakhs (₹ 25 Lakhs for EVs), once every eight years.

➤ **Widows/NoK:** Same limits as the deceased's pay level, using unveiled quotas.

➤ **AFD-I Items (TVs, ACs, etc.):** Pay Level 1-18 (serving, retired, pensioners).

- **Direct access**

➤ **Brig CS:** 26181621 (civil)

➤ **AQMG CS:** 20862162 (civil).

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