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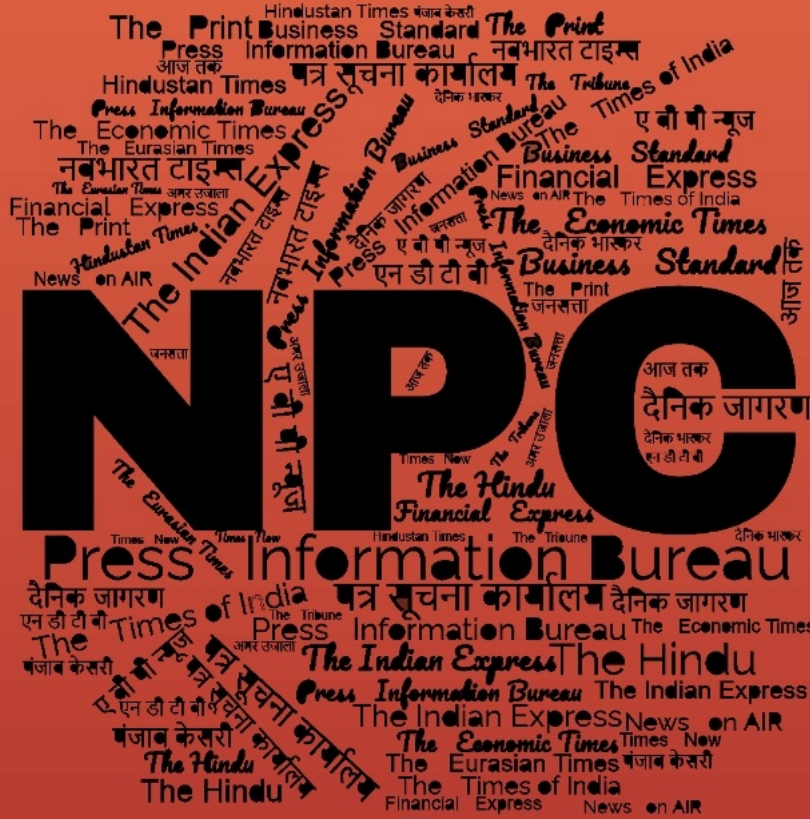
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# समाचार पत्रों से चयनित अंश Newspapers Clippings

डीआरडीओ समुदाय को डीआरडीओ प्रौद्योगिकियों, रक्षा प्रौद्योगिकियों, रक्षा नीतियों, अंतर्राष्ट्रीय संबंधों और विज्ञान एवं प्रौद्योगिकी की नूतन जानकारी से अवगत कराने हेतु दैनिक सेवा

A Daily service to keep DRDO Fraternity abreast with DRDO Technologies, Defence Technologies, Defence Policies, International Relations and Science & Technology



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# DRDO News

## DRDO to showcase hypersonic missile, advanced submarine technologies on Republic Day

Source: *The Hindu*, Dt. 23 Jan 2026

The Defence Research and Development Organisation (DRDO) will highlight India's growing indigenous defence capabilities by showcasing several path-breaking technologies at the 77th Republic Day parade here, and the 'Bharat Parv 2026' at the Red Fort. The key attractions of the programme include the Long Range Anti-Ship Hypersonic Missile (LR-AShM), and a dedicated DRDO tableau.



*A Mobile Autonomous Launcher carrying BrahMos missile (center) proceeds during rehearsals for the Republic Day Parade, in New Delhi, on January 21, 2026.*

The DRDO will display the LR-AShM along with its launcher during the Republic Day parade at Kartavya Path. Designed to meet the coastal battery requirements of the Indian Navy, the LR-AShM is a hypersonic glide missile capable of engaging both static and moving targets with high precision. The missile, a first-of-its-kind system, features fully indigenous avionics and advanced sensor packages, underscoring India's self-reliance in cutting-edge missile technologies, the Union Ministry of Defence stated.

The LR-AShM follows a quasi-ballistic trajectory, achieving speeds of up to Mach 10, and maintaining an average speed of Mach 5 through multiple skips. Equipped with indigenously developed terminal-phase sensors, the missile can accurately engage moving targets. Its low-altitude flight profile, combined with extreme speed and manoeuvrability, significantly reduces detectability by enemy ground- and ship-based radar systems. The missile uses a two-stage solid propulsion system, after which it performs an unpowered hypersonic glide before striking the target, the Ministry said.

At the Bharat Parv, to be held from January 26 to 31, the DRDO's tableau on 'Naval Technologies for Combat Submarines' will showcase key force multipliers for the Indian Navy's conventional submarines, including the Integrated Combat Suite, which provides comprehensive situational awareness for underwater warfare; the Wire Guided Heavy Weight Torpedo, a lethal, indigenous torpedo designed to counter modern surface and submarine threats; and the Air Independent Propulsion system, which enhances submarine stealth by enabling long underwater endurance using locally developed phosphoric acid fuel cell technology.

Several other systems developed by the DRDO, including the Arjun main battle tank, the BrahMos missile, the Akash air defence system, and battlefield surveillance radars, will be seen with the Armed Forces contingents. The DRDO's participation reflects its commitment to Aatmanirbhar Bharat, reinforcing India's journey towards self-reliance in defence technologies, the Ministry of Defence said.

<https://www.thehindu.com/news/national/drdo-to-showcase-hypersonic-missile-advanced-submarine-technologies-on-republic-day/article70538274.ece>

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## Defence News

### CDS releases military quantum mission policy to prepare tri-services for future battle-field

*Source: The Times of India, Dt. 23 Jan 2026*

Chief of Defence Staff General Anil Chauhan on Thursday released the Military Quantum Mission Policy Framework, a comprehensive document that includes the policy and the roadmap to implement quantum technologies in the armed forces in order to prepare them for technology-centric future warfare.



The policy framework aims to integrate four pillars of quantum technologies – quantum communication, quantum computing, quantum sensing & metrology and quantum materials and devices — into the tri-services to empower them to prepare for the future battlefield and to achieve technological dominance in a rapidly-evolving world.

Indian Army chief General Upendra Dwivedi, Navy chief Admiral Dinesh K Tripathi, IAF chief Air Chief Marshal A P Singh and chief of the integrated defence staff Air Marshal Ashutosh Dixit were present at the event.

The vision document defines the way ahead to achieve synergy in the amalgamation of quantum technologies, alignment with the National Quantum Mission of which the defence forces are an integral part, and formulates an indicative roadmap and policy for implementation of this niche field in defence forces. It will form the basis of incorporating cutting-edge quantum technology into the armed forces through synergised efforts of all three services.

The document underscores the increasing need for the assimilation of this niche technologies from defence perspective and highlights the milestones and goals to be achieved by using civil-military fusion through dedicated governing bodies consisting of members across multiple govt sectors. The framework also highlights the critical need for jointness and integration in assimilating this technology to achieve technological supremacy in future battlefields.

<https://timesofindia.indiatimes.com/india/cds-releases-military-quantum-mission-policy-to-prepare-tri-services-for-future-battlefield/articleshow/127191797.cms>

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## **Kenya Defence Forces must explore collaborative opportunities with Indian companies, says Secretary (Defence Production) at 3rd India-Kenya Defence Exhibition & Seminar**

*Source: Press Information Bureau, Dt. 22 Jan 2026*

Secretary (Defence Production) Shri Sanjeev Kumar has urged the Kenya Defence Forces to explore collaborative opportunities with Indian companies. He addressed the third India-Kenya Defence Exhibition & Seminar in Nairobi during his three-day visit to Kenya that concluded on January 21, 2026. The Secretary (DP) highlighted the robust capabilities of the Indian defence industrial ecosystem and emphasised on the need to build upon the strong bilateral relations and long-standing friendship built on mutual respect, trust & cooperation.

The seminar, which was organised on 19 January, served as a high-level platform for fostering industrial collaboration, co-development, and capacity building between the two nations. The exhibition featured 21 Indian defence companies showcasing specialized product profiles across several domains, including Shipbuilding, Armoured and Military vehicles, UAVs, Missile Systems, Cyber Security, Weapons, Ammunition, Explosives, Optical devices, and Protection systems etc.

The event was graced by Cabinet Secretary for Defence Ms Soipan Tuyu; Vice Chief of Kenya Defence Lt Gen John M Omenda; the Commanders of Army, DNSI and more than 50 senior officers from the defence ministry of Kenya. In her keynote address, the Cabinet Secretary for

Defence noted that this third iteration of the exhibition builds upon the successful foundations laid in November 2022 and January 2024.

During his visit, the Secretary (Defence Production) also held meetings with Principal Secretary, MoD Kenya Mr Patrick Mariru and Vice Chief of Defence Staff, Kenya Lt Gen John M. Omenda to discuss various areas of defence cooperation and further strengthen the ties. During the meeting with Mr Patrick Mariru, both sides noted the encouraging participation of Indian defence companies at the India-Kenya Defence Expo and Seminar across key defence domains including shipbuilding and naval systems, land systems, UAVs, missile systems, weapons, ammunition and explosives, armoured and military vehicles, optical devices, protection systems, and cyber security. It was also noted that the Kenya Defence Forces will hold separate meetings with participating Indian industries.



Discussions with Lt Gen John M Omenda focused on further strengthening bilateral defence cooperation. Deliberations were held on defence industrial partnerships, capacity building, training, marine sustainment, and long-term cooperation in defence exports and maintenance support. Shri Sanjeev Kumar also visited Kenya Shipyard Ltd, Mombasa and pressed for an early implementation of MoU signed between Kenya Shipyard Ltd and Goa Shipyard Ltd.

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=2217490&reg=3&lang=1>

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## Defence pact ready as Europe eyes Indian arms, to boost to military industrial cooperation

*Source: The Economic Times, Dt. 23 Jan 2026*

EU-India Security and Defence Partnership, which has been finalised and will be signed next week here, is set to boost military industrial cooperation, with Europe looking at India as a supplier of arms in specific sectors.

As part of plans to increase industry ties, a new EU-India Defence Industry Forum is being set up that will bring together companies from both sides and drive business. The forum will identify opportunities for cooperation, with EU and Indian officials likely to be present as observers.

India has significant defence trade with EU nations, with France, Germany, Spain and Italy being prominent suppliers of weapon systems. In the past two years, Indian exports to European nations have also grown considerably, mostly for ammunition and explosives as demand has peaked, with nations replenishing stockpiles.

The new pact is expected to further boost cooperation, with EU looking to use its expertise in defence R&D to strengthen the Indian industrial base and diversify supply chains. Indian manufacturing capacities will also help EU bolster military power.

EU foreign policy chief Kaja Kallas said the new deal would expand cooperation in maritime security, counterterrorism and cyber defence, among other areas. EU is also looking to expand operational cooperation with the Indian Navy, including conducting joint exercises, which can also involve other Indo-Pacific partners. Great information sharing between EU Naval operations and the Indian Navy in the Western Indian Ocean is also on the cards. Going ahead, the EU and India could also undertake joint sea activities in areas of common interest like the Gulf of Guinea.

<https://economictimes.indiatimes.com/news/defence/defence-pact-ready-as-europe-eyes-indian-arms-to-boost-to-military-industrial-cooperation/articleshow/127185778.cms?from=mdr>

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## Gen Dwivedi: Operation Sindoor was given to Army week after Pahalgam attack

*Source: The Indian Express, Dt. 23 Jan 2026*

Operation Sindoor was given to the Army a week after the Pahalgam terrorist attack, even as it was carried out another week later, on May 7, said Army Chief General Upendra Dwivedi in New Delhi on Thursday. "Operation Sindoor was given to me — if I remember — on April 29 or 30, but it was not put out in the media," said General Dwivedi while speaking at the launch of a book on the military action.

"Whenever I stay to stand on the rostrum after April 22, 2025, (when Pahalgam terrorist attack happened), I am always slightly cautious and apprehensive because that day, I was taking the retiring officers' seminar and was into 3/4th of my address and suddenly Rajiv Ghai (then DGMO) walked in and said, 'Sir, chhota sa'.

When the DGMO says 'chhota sa', you can make out there must be something more," recalled General Dwivedi. That time, the Northern Army Commander was also attending the seminar, he

looked at me, I looked at him, and he understood and immediately walked out. By that time, he had also gotten a slip about what had happened, and the rest is history, added the Chief of Army Staff.



*Army Chief General Upendra Dwivedi at the book launch event in New Delhi on Thursday.*

Calling Operation Sindoor, which was conducted by India as a response to the Pahalgam terror attack as “one of the most consequential operations in recent history”, the Army Chief said, “A joint synergistic approach was the hallmark of Op Sindoor, because at 0147 hours, in the ops room, it was a setting which had Army, Air Force and Naval colleagues, along with diplomatic corps.”

Red Lines Redrawn: Operation Sindoor and India’s New Normal (Konark Publishers), authored by Maj Gen Bipin Bakshi, Air Mshl Rajesh Kumar, Amb Anil Trigunayat and Brig Akhelesh Bhargava, spotlights the planning rooms and operational environment of the 88-hour operation launched on Pakistan. “There were actions from both sides, but the winner in the long run was the one whose narrative was based on truth and packed with credible evidence. The world saw on their TV screens, how the nine targets were destroyed in a synergistic manner, that all three forces were involved in it through 22 minutes of precision non-escalatory strikes,” he said.

“The old assumption that India requires a long time for decision-making as also a long drawn mobilisation cycle to synchronise force application was quietly thrown out of the window, and one could say that the adversary discovered that India’s decision-making loop has become shorter,” he added, on the political will behind the operation. However, speaking about the learnings from Op Sindoor, Dwivedi said that India has to be careful with its supply chains and build resilience through atma nirbharta, which is the only solution for the long run.

<https://indianexpress.com/article/india/gen-dwivedi-operation-sindoor-was-given-to-army-week-after-pahalgam-attack-10489750/>

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## IAF fighter jets to fly in Operation Sindoor formation in Republic day parade

*Source: The Indian Express, Dt. 23 Jan 2026*

Fighter jets of the Indian Air Force will fly in a special Sindoor formation at the Republic Day flypast this year, in a significant display of India's air power. The powerful seven-aircraft formation will comprise two Rafales, two Su-30s, two MiG-29s and Jaguar aircraft, officials said here on Thursday. Operation Sindoor was launched on May 7 last year by India when the IAF and the Army carried out attacks inside Pakistan to dismantle terror infrastructure following the Pahalgam attack.

Speaking to the media on Thursday, Wing Commander Rajesh Deshwal said there will be several formations dedicated to the success of Operation Sindoor. "These include the Prahar Formation, the Garud Formation, and a powerful, dedicated formation known as the Sindoor Formation," he said. He said that the Prahar Formation will comprise three Advanced Light Helicopters (ALH) — two from the Indian Army and one from the Indian Air Force — of which the lead aircraft will carry the Operation Sindoor flag.

The Garud Formation will follow the Prahar Formation, and both will fly in a battle array format, he added. This would simultaneously be explained during the live commentary along the Kartavya Path. The Sindoor Formation will comprise two Rafale aircraft, MiG-29 aircraft and Su-30 MKI aircraft each besides one Jaguar aircraft, making it a powerful seven-aircraft formation, he said. Overall, a total of 29 aircraft will participate in the flypast this year, including 16 fighter aircraft, four transport aircraft, and nine helicopters from six different bases.

An IAF statement noted that the flypast will commence with the Dhvaj formation, where four Mi-17 IV helicopters will carry the National Flag alongside the flags of the three services. "The display will showcase the capabilities of the Rafale, Su-30 MKI, MiG-29 and Jaguar aircraft, complemented by strategic assets which will include the C-130 and C-295, as well as the Indian Navy's P-8i aircraft. Attack helicopters, such as the IAF's ALH MK IV and the Indian Army's ALH WSI, Apache and Light Combat Helicopter (LCH) will also participate in the flypast showcasing jointmanship," the statement noted.

A "veteran's tableau" will also be displayed, the front portion of which will feature the Amar Jawan Jyoti, 3D models of historical war machines, which include the T-55 and Vijayant Tank, Hunter, MiG-21, Mirage and Jaguar aircraft, INS Mysore and INS Rajput, and representations from the 1965, 1971 wars and 1999 Kargil Operation Vijay. "The rear portion highlights the role of veterans in national development, focusing on their voluntary efforts in flood relief, medical services, education and the 'Make in India' initiative," the statement mentioned.

This year will mark the first Republic Day after Operation Sindoor, and India will showcase its military might — including its newly-raised Bhairav light commando battalion and a range of indigenous platforms— in a phased battle array format. This will be the first time that the public will get to see military assets in the sequence they would appear during actual combat. They will move down Kartavya Path in formations similar to an actual battle scenario, starting with reconnaissance, followed by other military units such as logistics and personnel accompanying these platforms, wearing battle gear.

A statement issued by the Ministry of Defence on Thursday said a total of 30 tableaux — 17 of States/Union Territories and 13 of Ministries/Departments/Services — will roll down the Kartavya

Path in New Delhi during the Republic Day parade on January 26. “With a broad theme of ‘Swatantrata ka Mantra: Vande Mataram’ and ‘Samriddhi ka Mantra: Aatmanirbhar Bharat’, the tableaux will showcase a unique mix of 150 years of national song Vande Mataram and the nation’s rapid progress on the back of the growing self-reliance across sectors, dipped in its rich and vibrant cultural diversity,” it added.

In a separate statement, it said the Defence Research & Development Organisation (DRDO) will showcase some of its path-breaking innovations for national security during the parade at Kartavya Path and Bharat Parv 2026, including Long Range Anti-Ship Hypersonic Missile (LR-AShM) and DRDO Tableau-‘Naval Technologies for Combat Submarines’. The LR-AShM is a Hypersonic Glide Missile capable of engaging static and moving targets and is designed to carry various payloads. The missile is a first-of-its-kind with indigenous avionics systems and high accuracy sensor packages.

The theme of its tableau is ‘Naval Technologies for Combat Submarines’, which will display the indigenously developed technologies and systems which act as a force multiplier for conventional submarines of the Indian Navy, it said, adding that these systems are Integrated Combat Suite (ICS), Wire Guided Heavy Weight Torpedo (WGHWT) and Air Independent Propulsion, which will ensure combat supremacy in the underwater domain.

<https://indianexpress.com/article/cities/delhi/operation-sindoor-iaf-fighter-jets-formations-republic-day-parade-10489077/>

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