



# Defence Professionals News & Analysis

January 08,2025 | Day 008

### Top Gainers

Stock	Close	Prev	Change
PARAS	1110.7	1066.1	+4.18%
CFF	702.35	690.0	+1.79%
DCXINDIA	383.6	377.35	+1.66%
ASTRAMICRO	787.9	787.0	+0.11%

### Top Losers

Stock	Close	Prev	Change
DATAPATTNS	2313.35	2389.0	-3.17%
MARINE	245.95	253.55	-3.0%
TANEJAERO	411.7	424.35	-2.98%
BEML	3732.9	3838.6	-2.75%
LOKESHMACH	315.6	324.5	-2.74%

## Defense Business and Industry

### Indian Navy Welcomes Seventh Indigenous Missile Cum Ammunition Barge



08-Jan-25

The Indian Navy recently celebrated the induction of its seventh Missile Cum Ammunition Barge (MCA), LSAM 14, at the Naval Dockyard in Mumbai, showcasing the success of the Make in India and Aatmanirbhar Bharat initiatives. Constructed by MSME Shipyard SECON Engineering Projects Pvt. Ltd., these barges are indigenously designed and have been tested for seaworthiness, adhering to Indian maritime regulations. With six barges already operational, they significantly enhance the Navy's logistical capabilities by facilitating the transport and handling of ammunition and supplies to its platforms, reflecting India's commitment to bolster its defense infrastructure through indigenous development and support for MSMEs.

### IAF Chief Calls for Boosting Private Sector Role in Tejas Production



08-Jan-25

Indian Air Force (IAF) Chief Air Chief Marshal Amar Preet Singh has stressed the urgent need for increased private sector involvement in the production of the indigenous Tejas Light Combat Aircraft (LCA) due to significant delays in production and a current shortfall in fighter squadrons. Since its induction in 2016, fewer than 40 Tejas Mk1 aircraft have been delivered, hampering the IAF's combat readiness in the face of growing military threats from China and Pakistan. Singh highlighted that private industry participation could foster competition, boost production rates, and

enhance research and development (R&D) funding, which currently constitutes a mere 5% of the defense budget. Emphasizing the need for timely innovation and adequate resources, he reaffirmed the critical importance of self-reliance in defense manufacturing, aligning with the Atmanirbhar Bharat initiative, to strengthen India's military capabilities.

### India to Develop Integrated Satellite Communication Grid for Defense



08-Jan-25

India's defense forces are planning to establish an integrated satellite communication grid, incorporating various satellite orbits and data relay systems, as emphasized by Air Vice Marshal Pawan Kumar at the DefSat Conference. This initiative aims to enhance operational efficiency and reduce response times in military decision-making, addressing the need for versatility and security in communications. The forces are also exploring advanced technologies like quantum communications and space-based sensors to strengthen their capabilities in the emerging domain of space warfare. Collaborating with the industry will be crucial in developing this comprehensive network, ensuring India maintains a strategic edge over its rivals.

### Indian Defense Sector Set for 20% Growth by 2029



08-Jan-25

The Indian defense sector is projected to grow by 20% from FY24 to FY29, bolstered by a significant budget of 6.22 lakh crore for FY25 aimed at enhancing military capabilities and promoting self-reliance through initiatives like 'Make in India'. The increasing participation of private companies and a CAGR of approximately 19% in defense exports highlight India's ambition to reduce imports and strengthen its global

defense presence. Investment in emerging technologies, including AI and hypersonic weapons, is crucial for modernization, while a consistent upward trend in total operating income among defense public sector units signifies a robust future outlook for India's defense production landscape.

## Indian Navy Enhances Submarine Warfare with F21 Torpedoes Deal SHARE

08-Jan-25

The Indian Navy is set to integrate the advanced F21 electronic heavyweight torpedoes into its Kalvari-class submarines under a US\$102.4 million deal, enhancing its underwater combat capabilities. This collaboration involves the Indian Navy, France's Naval Group, and India's Defence Research and Development Organisation (DRDO). The F21 torpedo, which has already been adopted by the French Navy and Brazil, aims to replace the outdated wire-guided F17, first used in the 1970s. This development reflects India's commitment to modernizing its naval forces and strengthening defense partnerships, particularly with France, while bolstering its deterrent capabilities in a competitive regional security environment.

## DRDO Chief Advocates Co-Development for Jet Engine Success SHARE

08-Jan-25

The DRDO Chief has acknowledged India's challenges in developing indigenous jet engines, particularly for the Tejas aircraft, prompting a shift towards co-development with foreign OEMs like General Electric, Safran, and Rolls Royce. This strategy aims to enhance technological capabilities, reduce development timeframes, and promote strategic independence in defense manufacturing. The AMCA MK-1 will initially use GE's F414 engine while future iterations will focus on developing an indigenous engine through collaboration. This pragmatic approach reflects India's commitment to overcoming historical limitations, significantly boosting its aerospace capabilities, and positioning itself for future defense exporting opportunities while prioritizing national security.

## Sukhoi Su-57 Felon to Showcase Advanced Capabilities at Aero India 2025 SHARE

08-Jan-25

The United Aircraft Corporation (UAC) has announced that the Sukhoi Su-57 Felon, Russia's advanced fifth-generation stealth fighter, will perform at Aero India 2025 in Bengaluru. This strategic move aims to reinforce Russia-India defense ties as India seeks to

modernize its air force amid regional security challenges. The Su-57's presence will allow the Indian Air Force to evaluate its capabilities in real-time, potentially leading to discussions on procurement or co-production. This showcase not only highlights Russian technology but also positions the Su-57 as a competitive alternative to Western aircraft like the F-35, enhancing its appeal in the Asian market.

## India-U.S. Partner on Sonobuoys to Boost Naval Security SHARE

08-Jan-25

India and the U.S. are advancing their maritime security cooperation through a landmark agreement for the co-production of U.S.-designed sonobuoys, essential for enhancing Undersea Domain Awareness (UDA) for the Indian Navy. This initiative, involving Ultra Maritime and Bharat Dynamics Limited, aims to bolster anti-submarine warfare capabilities amid increasing Chinese naval activity in the Indian Ocean Region. The collaboration underlines a strategic technology partnership, reflecting a commitment to defense innovation and industrial cooperation between the two nations. This development is crucial for India as it strengthens its maritime defenses and showcases its growing role in regional security dynamics.

## BrahMos Aerospace Develops Ground-Based Variant for Indian Army SHARE

08-Jan-25

BrahMos Aerospace is in discussions to develop a ground-based variant of the BrahMos-NG cruise missile for the Indian Army, aiming to enhance operational capabilities in high-altitude terrains with a lighter, more agile configuration. This variant could be mounted on 88 Heavy Mobility Vehicles (HMTVs) and offers logistical advantages, allowing for rapid deployment in previously inaccessible areas. The Indian Air Force and Navy are also pursuing the BrahMos-NG for air-launched and torpedo-launched configurations, respectively, indicating a broad interest in diversifying missile applications across services. The evolving BrahMos-NG program reflects India's commitment to addressing specific operational requirements and enhancing strategic reach, particularly in challenging environments.

## MoD Plans IAF-TEDBF Merger to Boost Funding and Self-Reliance SHARE

08-Jan-25

The Indian Ministry of Defence is likely to merge the Indian Air Force with the Navy's Twin Engine Deck

Based Fighter (TEDBF) program to enhance financial viability and promote indigenous manufacturing. This strategic integration aims to alleviate funding pressures while optimizing production, with an initial procurement plan for 80 units of the TEDBF, potentially increasing to around 200 to attract private sector investment. Sharing critical components between the TEDBF and the Advanced Medium Combat Aircraft (AMCA) will streamline logistics and reduce costs, while leveraging the expertise of the private sector could foster innovation within India's defense industry, reinforcing the nation's self-reliance in defense capabilities.

## Rajnath Singh spotlights tech's rising impact on India's defense. SHARE

08-Jan-25

Union Defence Minister Rajnath Singh emphasized the growing role of advanced technology in India's defense sector, showcasing the nation's enhancing global credibility in this field. He announced a bilateral meeting with Maldives Defence Minister Mohammed Ghassan Maumoon to discuss deepening defense cooperation, including training and joint exercises, which are vital for bolstering the capabilities of the Maldives National Defence Forces. The Maldives is integral to India's Neighbourhood First policy and plays a crucial role in ensuring stability in the Indian Ocean Region, contributing to India's strategic vision of Security and Growth for All in the Region (SAGAR). This collaboration underscores India's commitment to regional security and technological advancement.

## Bangladesh Pursues TULPAR Tanks to Boost Military Readiness SHARE

08-Jan-25

Bangladesh is reportedly in discussions with Turkey to acquire 26 TULPAR light tanks, designed collaboratively by Turkish and Italian defense firms, aimed at modernizing its military capabilities. These tanks are particularly suited for Bangladesh's diverse and challenging terrains, enhancing operational readiness along sensitive borders with India and Myanmar. The TULPAR's maneuverability and advanced protection systems offer a strategic advantage, enabling effective responses to potential threats. This move underscores Bangladesh's commitment to bolstering its defense capabilities amid complex geopolitical dynamics, particularly concerning its border with India, which remains a focal point in regional security considerations.

## China's J-36: Stealthy Supercruiser Lacks Multirole Flexibility SHARE

08-Jan-25

The Chengdu J-36, China's new stealth aircraft, is designed for long-range operations with supercruise capabilities but lacks traditional multirole features typical of fighter jets. While it enhances operational range and efficiency, particularly in the contested Indo-Pacific region, it is also envisioned as a pivotal node in network-centric warfare, linking crewed and autonomous platforms. Its potential roles in reconnaissance and strike missions may extend the PLA's power projection capabilities. However, India's diverse and agile air force, combined with ongoing advancements in indigenous defense technologies, positions it strongly in countering such developments, ensuring regional security and stability.

## DRDO Innovates Underwater Communication with Full Face Mask Project SHARE

08-Jan-25

The DRDO's Young Scientists Laboratory for Smart Materials is pioneering a Full Face Mask project aimed at enhancing underwater communication for divers. This innovative system integrates wireless and wired communication, utilizing piezoelectric transducer technology and advanced signal processing to ensure clear communication in underwater environments. By indigenizing these technologies, India aims to reduce its dependence on imports and bolster self-reliance in defense capabilities. The design includes inbuilt batteries and advanced algorithms to filter noise and enhance signal strength, ensuring operational flexibility and safety for divers across various scenarios. This initiative exemplifies India's commitment to advancing its defense technologies and enhancing operational efficiency in challenging environments.

## DRDO Chief Calls for \$4-5 Billion Boost for 6th Gen Aero Engine SHARE

08-Jan-25

DRDO Chairman Dr. Samir V Kamat has advocated for a substantial increase in India's defense R&D budget, from the current 5% to 10-15%, emphasizing the need for \$4-5 billion for developing a 6th generation aero engine. This call for investment underscores India's commitment to technological independence and innovation in defense capabilities, particularly in producing indigenous technologies. Dr. Kamat's remarks highlight the importance of learning from past mistakes in project management, with an urgent need

for a cultural shift towards enhancing R&D funding, crucial for maintaining competitive edge and sovereignty in an evolving geopolitical landscape.

## Indian Army to Induct Guided Pinaka MBRL, Strengthening Border

Defense  SHARE

08-Jan-25

The Indian Army is set to enhance its artillery capabilities with the induction of the Guided Pinaka multi-barrel rocket launcher (MBRL) system, which features a range of over 75 kilometers and can launch 12 rockets per salvo. Successfully tested by the Defence Research and Development Organisation (DRDO), this advanced artillery system demonstrates significant improvements in precision and effectiveness, crucial for minimizing collateral damage in modern warfare. The development of the Guided Pinaka underscores India's commitment to indigenization and reducing reliance on foreign imports, aligning with the 'Make in India' initiative while positioning the country as a potential exporter of advanced defense technology. This strategic enhancement is critical for bolstering national security along India's borders with Pakistan and China.

## Sukhoi Unveils Russia's Ambitious Sixth-Gen Fighter Jet Initiative

 SHARE

08-Jan-25

Russia's Sukhoi Design Bureau is advancing its sixth-generation fighter jet program, emphasizing the development of a revolutionary engine that balances high thrust with low fuel consumption. This new aircraft aims to surpass existing fifth-generation models like the F-35, incorporating advanced technologies such as enhanced stealth, AI, and hypersonic capabilities. The ability to perform extended-range operations without frequent refueling is crucial in modern aerial warfare, where speed and agility are paramount. As nations, including India, invest in advanced military aviation, Sukhoi's initiative underscores the competitive landscape of air dominance, positioning Russia as a significant player in the future of military aviation.

## French Suffren Submarine Visit Boosts India's Stealth Submarine Tech

 SHARE

08-Jan-25

The recent visit of the French Navy's Suffren-class submarine to India has opened avenues for technological collaboration, particularly in Pump-jet propulsion technology, which could significantly enhance the stealth capabilities of India's future

submarine fleet under the P-75 and P-76 projects. This advanced propulsion system promises reduced noise levels, essential for modern naval operations, and aligns with India's strategic goals in the Indian Ocean Region (IOR). The Indian Navy has shown interest in incorporating this technology, which could potentially yield the quietest submarines in the IOR. Deciding between technology importation or indigenous development will be crucial for optimizing India's underwater combat capabilities.

## Defense Policy and Budgeting

## Indian Army Unveils Ambitious Reforms Blueprint for 2025


 SHARE

08-Jan-25

The Indian Army has declared 2025 as the 'Year of Reforms', aiming for a transformational shift towards a technologically advanced and agile military capable of multi-domain operations. This initiative aligns with the broader 'Decade of Transformation' from 2023 to 2032, focusing on jointness, modernization, and a thorough review of legacy practices. The emphasis on indigenous technologies, streamlined procurement, and enhanced human resource management reflects India's commitment to evolving its defense capabilities. By enhancing operational readiness and fostering collaboration across services, the Indian Army is poised to secure its role as a key player in both national and global defense landscapes.

## Geopolitics and Security Alliances

## Rajnath Singh and Maldives' Defense Minister Discuss Strengthening Ties in New Delhi

 SHARE

08-Jan-25

Defense Minister Rajnath Singh held bilateral talks with Maldivian Defense Minister Mohamed Ghassan Maumoon in New Delhi, focusing on enhancing defense cooperation, including training programs and the supply of defense equipment. This meeting marks a significant step to strengthen ties after previous strains under a pro-China government in the Maldives. Both leaders emphasized their commitment to the India-Maldives Comprehensive Economic and Maritime Security Partnership, reinforcing India's Neighbourhood First policy and the SAGAR initiative aimed at regional stability. The discussions also reflect the crucial role of



both nations in maintaining security in the Indian Ocean, underlining India's historical support for the Maldives and its readiness to assist in enhancing the Maldives National Defence Force's capabilities. This engagement showcases India's proactive approach to foster collaboration and address shared security challenges in the region.

## BSF Refutes False Claims of Bangladeshi Control in West Bengal



08-Jan-25

The Border Security Force (BSF) has dismissed reports claiming that the Border Guard Bangladesh (BGB) has taken control of a 5-km stretch of Indian territory in West Bengal as baseless and irresponsible. The BSF stated that the International Boundary is well-demarcated and that both forces operate within their respective areas according to established guidelines. It emphasized that infiltration attempts from Bangladesh have significantly decreased due to strict measures, ensuring no Indian land has been compromised. Such false narratives could undermine the goodwill between the two border forces, highlighting the importance of accurate reporting in maintaining bilateral relations.

## PM Modi Highlights India-EU's Natural Partnership for Growth



08-Jan-25

Prime Minister Modi emphasized the natural partnership between India and the EU during his statement on January 7, 2025, aiming to enhance their Strategic Partnership in technology, green energy, and trade. The upcoming India-EU summit is set to solidify this relationship, with discussions on a Free Trade Agreement and collaboration on global security issues. Modi underscored India's significance as a key global partner for the EU, advocating for a new strategic agenda to deepen ties rooted in shared democratic values. This dialogue marks a pivotal moment in reinforcing a longstanding bilateral relationship that has evolved since the 1960s.

## Indonesia Joins BRICS, Strengthening Emerging Economies' Influence



08-Jan-25

Indonesia has officially joined the BRICS bloc, which comprises Brazil, Russia, India, China, and South Africa, as announced by Brazil, the group's presiding nation for 2025. This decision follows Indonesia's endorsement by BRICS leaders in August 2023, reflecting its commitment to global governance reform and enhancing South-South cooperation. With its status as

the largest economy in Southeast Asia, Indonesia's membership is expected to bolster the bloc's influence on international affairs. The expansion of BRICS, which now includes Iran, Egypt, Ethiopia, and the UAE, signals a growing trend towards multilateral partnerships among emerging economies, enhancing their collective bargaining power on the global stage.

## Khalistani Links in Canada Tied to Extremists and China, Says Journalist



08-Jan-25

Canadian journalist Daniel Bordman suggests that ties between India and Canada could improve under a Conservative government, particularly as the current government struggles with Khalistani influences linked to the Muslim Brotherhood and the Chinese Communist Party. Bordman believes that Khalistanis may find it harder to operate politically in Canada with a Conservative administration. The ongoing tensions stem from Prime Minister Justin Trudeau's allegations against India regarding the killing of Khalistani terrorist Hardeep Singh Nijjar, which India has firmly denied. Trudeau's impending resignation adds further complexity to the relationship, as it may usher in a shift that could favor a more cooperative stance with India.

## India-Malaysia Security Dialogue Enhances Cooperation on Key Threats



08-Jan-25

The inaugural India-Malaysia Security Dialogue, co-chaired by India's National Security Adviser Ajit Doval and Malaysia's Director General of the National Security Council, took place on January 7, 2025, in New Delhi. Both nations committed to enhancing cooperation in counter-terrorism, cybersecurity, defense industry, and maritime security, alongside discussions on critical minerals and rare earths. This dialogue follows the elevation of India-Malaysia ties to a Comprehensive Strategic Partnership during Malaysian Prime Minister Anwar Ibrahim's visit in August 2024. Institutionalizing this dialogue through annual meetings reflects a strong commitment to regional stability and mutual security interests, positioning both countries as key players in addressing common threats in the Indo-Pacific region.

## Taiwan Investigates Chinese Ship for Damage to Key Undersea Cable



08-Jan-25

Taiwan is investigating a Chinese-linked cargo vessel suspected of damaging the critical Trans-Pacific

Express undersea cable, raising concerns over its infrastructure security amid rising tensions with China. The incident has been described as part of China's gray zone tactics aimed at coercing Taiwan without escalating to direct conflict. Experts highlight that such harassment could desensitize Taiwan, increasing vulnerability in case of real conflict. The ongoing maritime activities by China, including the recent incursion of numerous vessels near Taiwan, reflect a concerning trend that necessitates Taiwan's development of resilient communication infrastructure to ensure connectivity during crises.

### **Israeli Airstrikes Kill 22 in Gaza Amid Intensified Ceasefire Efforts**



08-Jan-25

Israeli airstrikes in Gaza have resulted in significant casualties, with reports indicating at least 22 Palestinians killed in recent attacks, as efforts by the U.S., Qatar, and Egypt intensify to broker a ceasefire amid ongoing conflict. The situation has escalated over the last 15 months, especially following Hamas's attacks on October 7, 2023, which led to the deaths of 1,200 Israelis. Both sides remain entrenched in their demands, with Hamas insisting on a ceasefire before releasing hostages, while Israel refuses to halt operations until Hamas is dismantled. This complex geopolitical standoff underscores the urgent need for diplomatic resolutions to prevent further loss of life.

### **India's Tejas Mk1A Challenges China's J-10C in Brazil's Fighter Bid**



08-Jan-25

India's Tejas Mk1A has emerged as a competitive contender for Brazil's new fighter jet procurement, alongside China's offer of the J-10C. The Brazilian Air Force seeks a lighter fighter to complement its Gripen-E fleet, with India proposing a cost-effective Tejas solution. A unique barter deal suggests Brazil could exchange its Embraer C-390 Millennium transport aircraft for the Tejas. This dynamic highlights the strategic competition among global players for Brazil's defense needs while underscoring India's growing presence in the international defense market, which is bolstered by innovative proposals and a focus on bilateral industrial cooperation.

## **Military Operations**

### **Chhattisgarh Officials Assess Impact of Deadly Naxalite Attack**



08-Jan-25

Chhattisgarh officials, including DGP Ashok Juneja and CRPF DG Vitul Kumar, visited Bijapur district following a deadly Naxalite attack that killed eight security personnel and a civilian driver, marking the largest strike on forces in two years. Notably, five of the deceased were former Maoists who had surrendered and joined the police, highlighting the DRG's strategy of recruiting local youth familiar with the area's dynamics. The attack involved a significant improvised explosive device (IED) and underscores the ongoing challenge of Left-Wing Extremism in the region. The efforts of the District Reserve Guard and Bastar Fighters, established specifically to combat this menace, reflect a committed approach to addressing the security challenges posed by Maoist insurgents, fostering local involvement in maintaining peace and stability.

### **Ukraine Strikes Engels Air Base, Hitting Russian Logistics Hard**



08-Jan-25

Ukraine has conducted drone strikes deep within Russian territory, targeting the Engels air base in Saratov Oblast, which supports strategic bomber operations. This operation reportedly resulted in a significant fire at the Kristal oil depot, crucial for fueling military aircraft, thereby complicating logistics for Russian forces. Ukrainian military intelligence claimed the use of domestically developed long-range capabilities, emphasizing the attack's impact on Russia's ability to strike Ukraine. Additionally, a Ukrainian naval drone reportedly downed a Russian helicopter in the Black Sea, marking a new tactical achievement. These developments indicate Ukraine's evolving military strategy, which significantly challenges Russian operational capabilities and highlights the ongoing intensity of the conflict.

### **Security forces seize arms in Manipur, showcasing effective counter-insurgency efforts.**



08-Jan-25

Security forces in Manipur's Thoubal district recovered a cache of arms and ammunition, including a pistol, mortar, hand grenade, and live rounds during search

operations at Irong Tangkhul village. The recovery highlights ongoing security challenges in the region, where the government has been actively combating insurgent groups. Additionally, an active member of the proscribed outfit PREPAK (Pro) was arrested in Bishnupur district, indicating effective intelligence and policing efforts by the Manipur Police. These operations reflect the Indian defense forces' commitment to maintaining peace and security in conflict-affected areas, reinforcing the government's determination to counteract insurgency and enhance internal security.

## Indigenous Vehicles Boost Indian Contingent in Lebanon's UNIFIL



08-Jan-25

India's defense strategy received a significant boost with the deployment of 62 indigenously manufactured vehicles for the Indian contingent in the United Nations Interim Force in Lebanon (UNIFIL). This move aligns with the 'Make in India' initiative, enhancing operational efficiency and showcasing India's commitment to self-reliance in defense manufacturing. Previously reliant on UN-supplied vehicles from various countries, the Indian battalion will now utilize robust homegrown platforms, reflecting India's leadership in global peacekeeping missions and its resolve to foster indigenous innovation in defense capabilities. This development marks a notable step towards strengthening India's defense industry and enhancing its international stature.

## Ukraine Launches New Offensive in Russia's Kursk Region



08-Jan-25

Ukraine has initiated new offensive actions in the Kursk region of Russia, marking a significant escalation amidst ongoing conflict, with recent strikes targeting Russian command posts. The Russian defense ministry claims to have thwarted Ukrainian advances, highlighting the intense fighting as Ukraine aims to secure territory for potential peace negotiations. Additionally, reports suggest the involvement of North Korean troops supporting Russian forces, contributing to the complexity of the battlefield. As Ukraine continues to face challenges from a numerically superior adversary, the situation underscores the volatile dynamics in Eastern Europe and the significance of territorial control in future diplomatic discussions.

## India to Test BrahMos Missiles in Andaman & Nicobar Islands



08-Jan-25

India is set to conduct significant missile tests in the Andaman & Nicobar Islands, with two designated test windows from January 15-17 and January 19-20, 2025. These tests aim to enhance India's missile capabilities, particularly focusing on the BrahMos system, including potential launches from naval platforms or SU-30MKI aircraft, showcasing integration with air forces. The strategic location of the Andaman & Nicobar Islands allows India to assert its military presence in the Indian Ocean, ensuring security in critical maritime routes. This initiative underscores India's commitment to advancing its defense capabilities, enhancing deterrence, and maintaining regional stability amidst evolving geopolitical challenges.

## Indian Navy Deploys Team to Rescue Trapped Miners in Assam



08-Jan-25

The Indian Navy has deployed a specialized team, including one officer and eleven highly trained Clearance Divers, to assist in the rescue of miners trapped in Umrangso, Assam. Equipped with deep diving gear and underwater Remotely Operated Vehicles (ROVs), the team is working closely with the Indian Army, NDRF, and local civil authorities to ensure an efficient response. Their swift mobilization, facilitated by an airlift from the Indian Air Force, underscores the Navy's commitment to safeguarding lives during emergencies. This operation highlights the importance of inter-agency collaboration in addressing crises and reinforces the Navy's role in national disaster response efforts.

## Terrorism and Counterterrorism

### J&K Police seize properties linked to Pakistan-based terrorists



08-Jan-25

Jammu and Kashmir Police have intensified their crackdown on terror networks by seizing properties linked to Pakistan-based terror handlers, specifically targeting Mubashir Ahmad, who is involved in reviving local terrorism. This operation, executed under the UAPA Act, aims to dismantle the financial and logistical support for terrorism, especially after the peaceful conduct of elections in the region, which has frustrated terror operatives. Additionally, properties associated

with drug trafficking were also attached, indicating a broader strategy to disrupt the nexus between narcotics and terrorism. These actions reflect the unwavering commitment of the Indian security forces to ensure stability and security in Jammu and Kashmir.

## Cybersecurity and Information Warfare

### Israeli Cyber Firms Raise \$4 Billion Amid Rising Security Demands



08-Jan-25

Israeli cybersecurity firms raised \$4 billion in 2024, significantly up from \$1.89 billion in 2023, driven by increased demand for cloud and AI security solutions amidst geopolitical challenges. The surge in investments, particularly in seed and growth stages, reflects the resilience and innovation of Israeli startups, bolstered by a strong military intelligence foundation. This growth underscores Israel's evolving position as a global cybersecurity leader, despite ongoing regional tensions. The call-up of tech founders to military service has prompted a focus on operational continuity, demonstrating the nation's adaptability in the face of adversity and its commitment to maintaining a robust cybersecurity framework.

### DGP Unveils Cybersecurity Plan for Maha Kumbh 2025 Safety



08-Jan-25

The Director General of Police (DGP) Prashant Kumar announced a robust cybersecurity framework to safeguard devotees during the Maha Kumbh 2025, as instructed by Chief Minister Yogi Adityanath. This includes constant cyber patrolling by 150 police personnel, monitoring suspicious online activities, and addressing cyber fraud complaints. So far, 78 suspicious websites have been investigated, with proactive measures resulting in arrests and the takedown of fraudulent sites. Public awareness campaigns are underway to educate individuals about avoiding digital frauds, while specialized agencies will audit digital infrastructure to fortify against threats like DDoS attacks, showcasing a comprehensive strategy to enhance cybersecurity during the significant event.

### U.S. Launches Cybersecurity Labels to Boost Device Safety



08-Jan-25

The U.S. government is launching a voluntary cybersecurity labeling system, the U.S. Cyber Trust

Mark Initiative, aimed at helping consumers select smart devices less vulnerable to hacking. This initiative allows manufacturers to display a distinctive shield logo and QR codes on products meeting federal cybersecurity standards, facilitating easier access to security information. Major companies like Amazon, Google, and Samsung are participating, likened to the Energy Star program for energy efficiency. This proactive approach enhances consumer trust and encourages manufacturers to improve cybersecurity, addressing the increasing threat of cybercrime linked to the proliferation of internet-connected devices in households.

### Jake Sullivan: Safeguard Dual-Use Tech in US-India Partnership



08-Jan-25

US National Security Advisor Jake Sullivan emphasized the importance of preventing dual-use technologies from falling into the wrong hands during his visit to India, marking it as his final overseas trip. He highlighted the significant advancements in US-India relations, particularly in civilian space exploration, as evidenced by India's participation in the Artemis Accords. Sullivan underscored the necessity of aligning export controls and securing supply chains to protect industrial strategies, while advocating for collaboration in artificial intelligence and biotechnology. He expressed optimism about future partnerships between American and Indian firms, especially in areas like semiconductor technology and vaccine development, reinforcing the shared democratic values that underpin these endeavors.

## Mil Personnel & Veterans

### Indo-Pak war hero Havaldar Baldev Singh dies at 93 in Rajouri



08-Jan-25

Veteran Havaldar (retd) Baldev Singh, who courageously fought in four wars against Pakistan, passed away at the age of 93 in Rajouri, Jammu and Kashmir. He volunteered at just 16 to join the Bal Sena Force during the 1947-48 conflict and later served in multiple wars, including those of 1961, 1962, and 1965, returning for the 1971 war after his retirement. His unwavering dedication earned him recognition from leaders such as Jawaharlal Nehru and Prime Minister Narendra Modi. Singh's legacy of patriotism and bravery continues to inspire future generations, highlighting the



profound contributions of veterans to India's security and sovereignty.

## DRDO Boosts Defense Tech by Sending Young Talent Abroad [SHARE](#)

08-Jan-25

The Defence Research and Development Organisation (DRDO) of India is set to enhance its technological capabilities by sending young scientists and engineers abroad for advanced studies in fields like aerospace and artificial intelligence. This initiative aligns with India's Aatmanirbhar Bharat campaign, aimed at achieving self-reliance in defense technology. By engaging with leading experts in countries such as the US, UK, France, and Germany, the program intends to equip Indian scientists with cutting-edge knowledge in hypersonic technology, AI-driven systems, and advanced communication networks, fostering international collaborations and potentially leading to beneficial joint ventures or technology sharing agreements for future defense projects.

## Indian Navy Enhances Mental Resilience with Transformative Workshop [SHARE](#)

08-Jan-25

The Indian Navy conducted a transformative workshop on mental health led by Sister BK Shivani on January 7, 2025, at DRDO Bhawan, New Delhi. The workshop aimed to enhance the mental resilience of Naval Personnel through self-awareness, meditation, and positive thinking, reflecting the Navy's commitment to holistic well-being. Chief of Materiel VAdm Kiran Deshmukh highlighted the importance of mental health for professional fulfillment and a cohesive work environment. This initiative is part of a larger 60-day Resilience Programme that underscores the Navy's proactive approach to mental health awareness, ensuring that personnel can perform effectively under pressure while fostering an empowering and supportive atmosphere.

significantly contributed to India's space program, particularly in rocket and spacecraft propulsion, including the development of cryogenic stages for the GSLV MK-II and MK-III. He currently leads the Human Rated Certification Board for the Gaganyaan human spaceflight program and has overseen the successful delivery of numerous propulsion systems for key missions like Chandrayaan-2 and Chandrayaan-3. His vision emphasizes innovation and excellence, aiming to enhance India's capabilities in global space exploration while fostering collaboration with private and international partners, positioning ISRO as a formidable player on the world stage.

## US NSA Sullivan's India Visit Boosts Nuclear Cooperation [SHARE](#)

08-Jan-25

The recent visit of US National Security Advisor Jake Sullivan to India marks a significant step in enhancing civil nuclear cooperation, with the US planning to lift restrictions on Indian nuclear entities. Sullivan announced that the US is finalizing the removal of long-standing regulations that have hindered collaboration, allowing previously restricted Indian companies to engage with American firms in nuclear projects. This development aligns with India's ambitions to expand its nuclear energy capacity to meet rising demands and targets for non-fossil fuel energy by 2030. The collaboration is expected to foster advancements in safety protocols and reactor technology, signaling a deepening strategic partnership between the two nations and showcasing a commitment to sustainable energy solutions. Overall, this move is poised to unlock substantial investment and technology transfer, further solidifying US-India relations in the defense and energy sectors.

## Home Minister Unveils Bharatpol to Boost Interpol Connectivity [SHARE](#)

08-Jan-25

Union Home Minister Amit Shah launched the Bharatpol portal, aimed at enhancing the capability of Indian investigation agencies to connect with Interpol and expedite international criminal investigations. This real-time interface will facilitate information sharing between central and state agencies with counterparts across 195 Interpol member nations. Shah emphasized the importance of modern technology in apprehending fugitives who evade justice. He also called for the CBI to train state agencies on using Bharatpol and implementing new criminal laws effectively, underscoring the government's commitment to

### Miscellaneous

## V. Narayanan Appointed Next ISRO Chairman, Set to Lead Innovations [SHARE](#)

08-Jan-25

V. Narayanan has been appointed as the next Chairman of ISRO, effective January 14, 2025, succeeding S. Somanath. With nearly 40 years at ISRO, Narayanan has

improving the justice system and adapting to global challenges. This initiative is a strategic move to bolster India's crime-fighting capabilities on an international scale.

## Skyroot Advances Vikram-1 Rocket with Successful Retro Motor Test



08-Jan-25

Skyroot Aerospace has successfully test-fired the retro motors of its Vikram-1 rocket, a significant milestone in preparation for its maiden orbital launch, which is expected to bolster India's position in the private space sector. The retro motors are crucial for decelerating the rocket during stage separation, thus enhancing launch reliability. Pawan Chandana, Co-Founder and CEO, highlighted that this progress aims to make space more accessible through innovative technology, following the successful suborbital Vikram-S launch in late 2022. This development underscores India's advancing capabilities in space technology, reflecting the nation's commitment to expanding its presence in the global space arena.

## US-India NISAR Satellite: A Game Changer for Earth Observation



08-Jan-25

The upcoming U.S.-India NISAR (NASA-ISRO Synthetic Aperture Radar) mission is set to revolutionize Earth observation by utilizing dual-band radar technology to

monitor land deformation, glaciers, forests, and wetlands. This collaboration between NASA and ISRO marks a significant milestone in space technology, with innovations that allow for enhanced data collection on Earth's dynamic processes. With NISAR's data being accessible in the cloud, it promises to serve various scientific and practical applications. This partnership not only strengthens U.S.-India ties but also showcases India's growing capabilities in space research and technology, enhancing its role in global scientific communities.

## Modi to Strengthen Ties with Sri Lanka in 2025 Visit



08-Jan-25

Prime Minister Narendra Modi is set to visit Sri Lanka in 2025, as announced by the Indian High Commissioner, Santosh Jha. The specific dates for the visit are yet to be determined, following an invitation extended by President Anura Kumara Dissanayake during his visit to New Delhi. This visit aims to strengthen bilateral ties, especially after External Affairs Minister Dr. S. Jaishankar's recent visit to Colombo. Notably, Dissanayake is also scheduled to visit China soon, signaling the strategic importance of regional diplomacy for India amid evolving geopolitical landscapes. Such engagements reinforce India's commitment to fostering strong relationships in its immediate neighborhood, essential for regional stability.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
PARAS	1079.8	1153.65	1065.8	1110.7	1045605	4.18	61.47	1039.19	1046.91
CFF	701.0	705.0	690.0	702.35	11800	1.79	54.53	700.08	630.41
DCXINDIA	376.95	389.0	368.55	383.6	1899848	1.66	71.57	343.28	336.73
ASTRAMICRO	792.0	792.0	771.4	787.9	123603	0.11	49.83	796.51	809.39
HIGHENE	619.05	630.0	575.0	618.0	8199	-0.13	45.04	643.65	718.98
ADANIENT	2520.55	2530.0	2490.0	2515.25	879641	-0.21	49.91	2479.03	2969.72
BDL	1185.0	1190.0	1158.85	1181.85	391882	-0.24	52.59	1197.75	1219.98
HBLPOWER	607.0	613.95	595.65	602.2	989719	-0.31	42.4	647.03	567.92
LMW	16338.85	16400.6	15925.0	16226.5	8449	-0.4	38.79	17176.18	16264.23
COCHINSHIP	1509.0	1524.7	1470.6	1492.4	291253	-0.62	43.27	1552.36	1740.35
SOLARINDS	9777.8	9833.0	9510.0	9621.05	70794	-0.71	41.2	10051.81	10155.19
PTC	144.5	145.12	142.41	143.77	1244419	-0.83	36.14	152.47	199.22
AVANTEL	150.84	151.45	147.87	148.9	463389	-0.87	38.37	159.31	-
IDEAFORGE	610.85	615.0	598.0	603.4	63644	-1.08	48.79	611.07	686.61
MAZDOCK	2185.05	2200.85	2138.8	2155.7	1430865	-1.14	39.72	2349.94	1968.57
ZENTEC	2502.0	2503.75	2434.2	2468.85	184536	-1.16	63.18	2411.06	1534.2
SIKA	2525.0	2568.95	2500.0	2512.05	616	-1.24	44.89	2605.38	2547.67
HAL	4171.0	4181.7	4100.0	4109.8	958207	-1.29	38.26	4324.41	4477.66
LT	3662.0	3663.85	3590.0	3596.35	1813201	-1.29	42.36	3702.06	3618.48
PREMEXPLN	518.8	521.0	500.0	503.75	138585	-1.52	47.93	527.63	532.62
APOLLO	136.98	139.94	130.2	133.55	8026047	-1.55	72.13	107.99	105.44
NIBE	1660.25	1697.9	1645.0	1656.05	19678	-1.57	42.41	1742.58	1746.39
BHARATFORG	1270.05	1271.95	1225.0	1248.55	855048	-1.69	33.41	1310.7	1457.56
BEL	287.0	287.0	280.1	282.1	10996122	-1.71	38.64	297.43	282.3
MTARTECH	1730.0	1734.05	1698.05	1701.7	60732	-1.94	51.01	1671.72	1788.89
KRISHNADEF	822.65	824.0	790.1	806.35	36000	-1.98	64.31	763.62	665.4
GRSE	1575.0	1580.95	1535.5	1542.7	271099	-2.02	42.08	1643.57	1613.16
AZAD	1839.25	1842.8	1782.6	1798.95	109001	-2.08	54.84	1755.54	1564.35
MIDHANI	344.7	344.7	330.1	332.75	172682	-2.1	41.13	351.88	406.61
ROSSELLIND	78.0	80.0	76.15	76.93	20440	-2.27	37.84	78.4	351.37
TEMBO	829.95	829.95	776.5	795.7	124778	-2.65	51.86	802.57	403.28
LOKESHMACH	321.6	325.0	314.0	315.6	45442	-2.74	38.44	337.45	391.07
BEML	3845.0	3850.0	3716.0	3732.9	191260	-2.75	30.98	4158.13	3996.25
TANEJAERO	422.05	427.9	405.0	411.7	20636	-2.98	39.02	441.1	491.82
MARINE	254.2	255.2	242.0	245.95	197303	-3.0	37.97	282.49	199.95
DATAPATTNS	2399.0	2443.0	2300.0	2313.35	124360	-3.17	38.75	2499.7	2720.62