



# Defence Professionals News & Analysis

December 21, 2024 | Day 356

### Top Gainers

Stock	Close	Prev	Change
MTARTECH	1722.2	1627.35	+5.83%
DATAPATTNS	2567.75	2487.7	+3.22%
ZENTEC	2493.05	2424.0	+2.85%
DCXINDIA	329.8	327.45	+0.72%
BDL	1239.25	1231.85	+0.6%

### Top Losers

Stock	Close	Prev	Change
PREMEXPLN	536.25	577.35	-7.12%
MAZDOCK	4724.1	5038.8	-6.25%
ASTRAMICRO	797.3	842.9	-5.41%
GRSE	1572.2	1654.75	-4.99%
BEML	4073.8	4281.9	-4.86%

## Defense Business and Industry

### India's TEDBF Fighter Program Set for 2025 Review with ₹15,000 Cr R&D



21-Dec-24

India's Twin Engine Deck-Based Fighter (TEDBF) program is on track for a Critical Design Review by mid-2025, with an estimated R&D cost of 15,000 crores. This advanced 5 Minus Generation fighter will leverage technologies from the AMCA program and is crucial for enhancing the Indian Navy's capabilities. To bridge the gap until the TEDBF's production, the Navy has confirmed the purchase of 26 Rafale M jets from France as a stopgap measure, transitioning from the aging MiG-29K fleet. The TEDBF is designed for carrier operations and is expected to enter production by 2033, reflecting India's commitment to strengthening its indigenous defense capabilities while reducing dependency on foreign suppliers. The integration of advanced avionics and semi-stealth features will significantly bolster India's maritime power in the Indo-Pacific region.

### President Murmu: Enhanced Defense Management to Boost Exports



21-Dec-24

President Drupadi Murmu emphasized that India's enhanced defense management capabilities will bolster diplomatic and military partnerships, thereby increasing defense exports and positioning India as a key player in global security. Highlighting the critical role of the College of Defence Management in shaping strategic leaders, she underscored the importance of adapting to emerging technologies, including artificial intelligence

and cyber warfare. The government is prioritizing indigenization in the defense sector, encouraging both domestic and foreign investment to manufacture advanced equipment locally. This holistic approach to defense modernization is expected to strengthen India's influence in regional and global defense discussions, particularly in an era defined by hybrid warfare and psychological operations.

### China Upgrades Liaoning Carrier for Enhanced Combat Readiness



21-Dec-24

China's aircraft carrier Liaoning has undergone significant refits, notably the addition of new, larger weapons elevators enhancing munitions delivery efficiency and increasing its operational sortie rate from 20 to 37 per day. The upgrades, which facilitate rapid reconfiguration of aircraft armaments, align with China's strategy to bolster its naval capabilities amid regional tensions. The Liaoning now supports advanced fighter jets like the J-15 and J-35, showcasing a commitment to modernizing its fleet. This development highlights the growing military assertiveness of China, necessitating vigilance and strategic preparedness from India to safeguard its interests in the Indo-Pacific region.

### DRDO to Enhance Naval Air Defense with New Mobile Launcher for M1 Missile



21-Dec-24

The DRDO has initiated the procurement process for a Ground Mobile Launcher aimed at enhancing the operational readiness of the M1 missile system, part of the PGLRSAM project, which is set to bolster India's naval air defence capabilities with a range exceeding

250 kilometers. The fabrication of five new M1 missiles is expected to commence by late 2024, featuring variants with ranges of 150 km, 250 km, and potentially up to 350 km. This system will integrate with existing and future Indian Navy warships, complementing air defence systems like the MR-SAM. Overall, this advancement illustrates India's commitment to strengthening its maritime defence infrastructure and addressing aerial threats effectively.

## IAF to Form Team for Upgrading TEJAS Mk-2 Jets In-House

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21-Dec-24

The Indian Air Force (IAF) is set to establish an in-house team to enhance the TEJAS Mk-2 jets, focusing on integrating feedback from operational squadrons for timely upgrades. The Aircraft and Systems Testing Establishment (ASTE) will be pivotal in this effort, tasked with updating software for weapon integration and managing real-time testing. The TEJAS Mk-2 represents a significant leap with advanced avionics, increased payload capacity, and an extended range, aiming to replace older aircraft in the IAF fleet. This strategic move underscores India's commitment to modernizing its defense capabilities and reducing reliance on external sources for upgrades, enhancing operational efficiency and responsiveness.

## DAC Greenlights 31 Fast Attack Crafts and Su-30MKI Upgrades

[SHARE](#)

21-Dec-24

The Defense Acquisition Council (DAC) has approved the procurement of 31 Water Jet Fast Attack Crafts for low-intensity maritime operations and 120 Fast Interceptor Crafts to enhance coastal defense by escorting high-value naval units. Additionally, an Electronic Warfare Suite for the Su-30MKI fighter jets will improve their operational capabilities against enemy radar and weapon systems. The DAC's decisions also include overhauling engine systems for Sukhoi fighter aircraft and acquiring six Advanced Light Helicopters for the Indian Coast Guard, thereby bolstering India's coastal security and surveillance operations, which is crucial for maintaining maritime sovereignty and enhancing national defense capabilities.

## DefSat 2025: Advancing Space Warfare and AI in Defence Strategy

[SHARE](#)

21-Dec-24

The DefSat Conference and Expo 2025, taking place from January 8-10, will gather strategists and business

leaders from the defence and space sectors to explore the integration of space technology into India's defence strategies amidst evolving geopolitical dynamics. The theme, 'Integrated Space Capabilities for Multi-Domain Operations,' underscores the importance of disruptive technologies like AI and quantum key distribution in modern warfare. The event aims to simulate real-world space security scenarios through initiatives like IndSpace Wargame 3.0, showcasing India's commitment to enhancing its military capabilities in land, maritime, aerospace, and cyber domains. This initiative reflects India's proactive stance in harnessing space for comprehensive homeland security and border protection.

## India Showcases Indigenous Defense Tech at Vietnam Expo 2024

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21-Dec-24

The India Pavilion at the Vietnam International Defence Expo 2024, inaugurated on December 19, highlights the strengthening Indo-Vietnamese defense partnership, featuring prominent Indian defense firms such as BEL, HAL, MDL, BDL, and DRDO. This event showcases India's indigenous technologies, including missile systems, aerospace advancements, and naval capabilities, reinforcing India's commitment to enhancing its global defense profile and exploring international collaborations. The presence of Vietnamese dignitaries underscores the mutual focus on regional security and stability. This initiative aligns with India's ambition to be a key player in the global defense supply chain, promoting the Make in India initiative on an international stage.

## HAL to Reactivate Nashik Line for 12 Su-30 MKIs by Early 2025

[SHARE](#)

21-Dec-24

In a significant boost to India's air defense capabilities, the Ministry of Defence has signed a contract worth INR 13,500 crore with Hindustan Aeronautics Limited (HAL) for 12 Su-30 MKI fighter jets, marking the reactivation of the Nashik production line after a four-year hiatus. This deal enhances the Indian Air Force's operational readiness and supports the Make in India initiative, with 62.6% indigenous content in the aircraft. As HAL resolves supply chain issues to commence production early next year, this move will also foster job creation and skill development in the defense sector, reaffirming India's commitment to strengthening its military capabilities through local manufacturing.

## India's Naval Manufacturing Ambitions Boosted by German Partnership



21-Dec-24

India is set to bolster its position as a global naval manufacturing hub through a partnership between Germany's Thyssenkrupp Marine Systems (TKMS) and India's Mazagaon Dockyards Limited (MDL) for the construction of six diesel-electric submarines. This collaboration could lead to significant cost savings and aligns with India's Make in India initiative, enhancing domestic job creation and technological advancement. The fierce competition for the P75I submarine contract underscores India's strategic focus on enhancing its naval capabilities. The establishment of a technology hub in India may transform its role in international defense, positioning the country as a key player in providing cost-effective naval solutions to global markets.

## BrahMos Aerospace Set to Finalize Major Export Agreement



21-Dec-24

BrahMos Aerospace is nearing a significant export deal, reflecting the heightened global interest in its advanced missile technology. Russian media reports highlight that countries, particularly in Southeast Asia, are keen to acquire the supersonic BrahMos missile, known for its versatility across various platforms and its capability to address maritime security challenges in geopolitically tense regions like the South China Sea. This anticipated agreement underscores India's robust defense manufacturing capabilities and reinforces its position as a key player in the global arms market, enabling nations to enhance their military strength without the complexities of developing their own systems.

## Embraer Proposes Praetor 600 to Boost India's AEW&CS Capabilities



21-Dec-24

Embraer has proposed its Praetor 600 aircraft for India's Netra Mk1 AEW&CS program, aiming to enhance the Indian Air Force's (IAF) airborne early warning capabilities. The Praetor 600 offers nearly double the operational range and a higher service ceiling compared to the current ERJ145 platforms, improving radar performance and extending mission endurance. As the ERJ145 production has ceased, the IAF faces challenges in acquiring additional platforms, making the Praetor 600 a timely and strategic alternative. This proposal not only fulfills the IAF's needs but also integrates modern technology into the fleet, positioning

India to better monitor its airspace and enhance national security.

## India's AMCA Program on Track for 2028 First Flight



21-Dec-24

India's 5th Generation Advanced Medium Combat Aircraft (AMCA) program is progressing steadily, with key components such as the airframe, radar, radome, and canopy nearing completion. The target for the aircraft's rollout is set for mid-2026, followed by its first flight anticipated in the second quarter of 2028. This advanced fighter jet aims to significantly bolster the Indian Air Force's capabilities with its stealth features and modern avionics. The successful development of the AMCA is crucial for India's defense modernization strategy, marking a significant step toward self-reliance in advanced military aviation technology. The AMCA is expected to play a pivotal role in enhancing India's air power in the coming decades.

## India Proposes Astra Mk1 BVRAAM for Vietnam's Su-27 and Su-30



21-Dec-24

India has proposed to equip Vietnam's Su-27 and Su-30 fighter jets with the Astra Mk1 Beyond Visual Range Air-to-Air Missile (BVRAAM), enhancing bilateral defense cooperation. The Astra Mk1, developed by DRDO, is already operational with the Indian Air Force and features advanced guidance systems for high-precision targeting. This integration would significantly improve the operational capabilities of the Vietnamese Peoples Air Force, particularly in air superiority and defensive operations, crucial in potential conflicts. With over 400 Astra Mk1 missiles ordered, India's commitment to bolstering its defense industry is evident, positioning the missile as a key component in both domestic and export strategies.

## Indian Armed Forces Adopt Air Orca Drones for Remote Logistics



21-Dec-24

The Indian Armed Forces have integrated BonV Aeros Air Orca eVTOL drones into their logistics strategy, enhancing supply delivery to troops stationed at remote, high-altitude border posts, especially during harsh winters. Capable of carrying 30 kilograms and designed to operate in extreme weather, these drones ensure uninterrupted supply chains, boosting operational readiness and troop morale. The Air Orca's advanced navigation technology facilitates autonomous operations, minimizing risks to personnel

while ensuring precise delivery of critical supplies. This strategic move underscores India's commitment to modernizing its military logistics and addressing the unique challenges posed by the rugged Himalayan terrain.

## Indian Army Enhances Tactics with Vehicle-Based Mine System SHARE

21-Dec-24

The Indian Army is set to enhance its tactical capabilities with the procurement of around seventy Vehicle-Based Mine Scattering Systems (VBMSS). This innovative system allows for the rapid deployment of mines in response to enemy movements, emphasizing speed, surprise, and efficient resource use. Key components include a dispensing sub-system for Anti-Tank and Anti-Personnel mines mounted on a High Mobility Vehicle, ensuring operational flexibility across diverse terrains. The VBMSS reflects India's commitment to modernized warfare tactics and indigenous technological advancement, poised to strengthen the Army's deterrence and engagement capabilities against adversaries.

## DRDO Champions Indigenous Next-Gen Battle Tanks with 80% Local Content SHARE

21-Dec-24

The Defence Research and Development Organisation (DRDO) has advocated for the indigenous production of the Next Generation Main Battle Tank (NGMBT), aiming for 80-90% local content to reduce India's reliance on foreign military hardware. This initiative targets replacing the aging T-72 tanks and enhancing the Indian Army's armored capabilities with advanced features like superior mobility and firepower. The current Arjun MBT Mk-1A already achieves over 50% localization, demonstrating the potential for domestic innovation. DRDO's push emphasizes self-reliance, which not only strengthens national defense but also stimulates growth in the Indian defense industry, fostering opportunities for local companies.

## Indian Army Seeks Mini UAVs for Landmine and IED Detection SHARE

21-Dec-24

The Indian Army's Northern Command has issued a Request for Information (RFI) for four Mini Unmanned Aerial Vehicles (UAVs) designed for detecting landmines and Improvised Explosive Devices (IEDs). These UAVs must operate efficiently in diverse terrains and adverse weather, with a flying endurance of at least

45 minutes and the ability to conduct under-surface detection. This procurement underscores the Army's commitment to integrating advanced unmanned systems to enhance operational safety and efficiency, particularly in conflict zones. By adopting innovative technologies, the Indian Army aims to reduce risks to personnel while improving the effectiveness of counter-mine and IED operations, thus fostering greater operational readiness.

## Russia to Offer India 60-70 Su-57E Fighters During Putin's Visit SHARE

21-Dec-24

Russia plans to propose a Government-to-Government sale of 60-70 Su-57E fifth-generation fighter jets to India during President Putin's visit in early 2025, aiming to bolster India's combat capabilities amid a depletion of its air force squadrons. The Su-57E, positioned as a low-cost alternative to the Rafale, features advanced stealth and avionics, addressing the Indian Air Force's urgent need for modernization while its indigenous AMCA program is still in the development phase. The potential deal could strengthen Indo-Russian defense ties and reshape regional power dynamics, contingent on pricing and technology transfer agreements, given India's rigorous operational requirements and evolving geopolitical landscape.

## Defense Policy and Budgeting

## Biden Greenlights \$571M Defense Aid to Strengthen Taiwan SHARE

21-Dec-24

U.S. President Joe Biden has approved \$571.3 million in defense support for Taiwan, including a potential sale of \$265 million in military equipment to enhance its command and control systems. This move comes amid increasing Chinese military pressure on Taiwan, which has heightened tensions in the region. Taiwan's defense ministry expressed gratitude for the U.S. security guarantee and emphasized the importance of these upgrades to counter China's aggressive tactics. This American commitment highlights the strategic partnership between the U.S. and Taiwan, reinforcing Taiwan's ability to defend itself amidst growing geopolitical challenges posed by an assertive China.

## Geopolitics and Security Alliances

### India Urges China to Prioritize Peace at Border for Better Ties SHARE

21-Dec-24

India and China recently engaged in talks led by NSA Ajit Doval and Foreign Minister Wang Yi, emphasizing the need to maintain peace along the Line of Actual Control (LAC) to foster overall bilateral relations. While China claimed a consensus on six key points to improve ties, India refrained from acknowledging this, insisting that border issues remain integral to broader relations. Discussions also highlighted the importance of resuming cultural exchanges and cooperative initiatives, such as the Kailash Mansarovar Yatra. As both nations work to rebuild trust following the 2020 clashes, experts suggest that patient diplomacy is essential for overcoming historical grievances and promoting stability, not only bilaterally but also regionally and globally.

### India Stays Alert After US Sanctions on Pakistan's Missile Entities SHARE

21-Dec-24

India has reiterated its vigilance regarding Pakistan's ballistic missile program following recent U.S. sanctions on four Pakistani entities, including the National Development Complex (NDC), which is linked to missile development. The Indian Ministry of External Affairs emphasized that it closely monitors developments impacting national security and will take appropriate actions as necessary. A U.S. official indicated that Pakistan's advancements in missile technology, particularly the SHAHEEN-series, pose a potential threat beyond South Asia, even to U.S. interests. This situation underscores the importance of India's defense readiness and proactive stance in safeguarding its national security amid escalating regional tensions.

### Russian Missile Strike in Kyiv Kills One, Damages Embassies SHARE

21-Dec-24

A recent Russian missile attack on Kyiv resulted in one death and 12 injuries, damaging several embassies. Despite Ukraine's air defenses intercepting the missiles and destroying numerous drones, falling debris caused significant local damage. Russia claimed the strike targeted Ukrainian military sites in retaliation for earlier attacks, emphasizing the ongoing conflict's escalation.

Ukrainian President Zelensky urged for heightened sanctions and increased air defense support from international allies, highlighting the need for robust defense strategies amid the persistent threat from Russia. This incident underscores the critical importance of enhanced defense cooperation among nations facing similar geopolitical challenges.

### India Protests Bangladesh Official's Claim Over Indian Territory SHARE

21-Dec-24

India has strongly protested against a now-deleted social media post by Mahfuz Alam, an aide in Bangladesh's interim government, which claimed parts of Indian territory—including areas of West Bengal, Tripura, and Assam—should belong to Bangladesh. The External Affairs Ministry emphasized the need for responsible public communication, highlighting that such provocative comments undermine bilateral relations. The incident comes amid already strained ties following the interim government's rise to power after former Prime Minister Sheikh Hasina's resignation. This situation underscores the sensitivity surrounding territorial claims in the region and the importance of diplomatic discourse between India and Bangladesh.

### India Challenges Canada's Allegations, Seeks Evidence in Parliament SHARE

21-Dec-24

The Indian government has informed Parliament that Canada has failed to provide any evidence supporting its serious allegations against Indian citizens, suggesting that Canada's public narrative serves an anti-India separatist agenda. Minister of State for External Affairs Kirti Vardhan Singh emphasized that such a stance could damage bilateral relations, urging Canada to take action against anti-India elements. The Indian government is also examining inputs shared by the US regarding the nexus between organized crime and national security interests, indicating a proactive approach to safeguarding India's interests amidst rising tensions with both countries.

### Pakistan Staunchly Pursues Missile Development Amid U.S. Sanctions SHARE

21-Dec-24

Pakistan has reiterated its commitment to advancing its missile development programs despite new U.S. sanctions targeting entities involved in its ballistic missile initiatives, notably the Shaheen series. Islamabad accuses India and Israel of influencing U.S. actions to undermine its strategic capabilities,

asserting that such missile development is essential for maintaining a credible deterrent against India. Pakistani defense experts criticize perceived U.S. double standards, noting the focus on their missile cooperation with China versus the less scrutinized Indo-Russian BrahMos-2 project. This dynamic underscores the region's ongoing arms race, as both nations enhance their military capabilities amidst rising geopolitical tensions.

## India Rejects China's Claims on LAC Border Dispute



21-Dec-24

India has firmly rejected China's claims regarding a "six-point consensus" on the long-standing border dispute along the LAC, emphasizing its commitment to territorial integrity. The ongoing military standoff, exacerbated by the 2020 Galwan Valley clash, continues to shape bilateral relations. External Affairs Minister S. Jaishankar stressed that peace along the border is crucial for normalization, while India's modernization of border infrastructure and military readiness aims to counter potential Chinese aggression. This refusal to endorse China's assertions complicates diplomatic engagements, as both nations remain entrenched in their territorial positions, hindering prospects for a comprehensive resolution.

## Biden to Unveil \$1.2B Military Aid Package for Ukraine Soon



21-Dec-24

The Biden administration is set to announce a \$1.2 billion military aid package for Ukraine, including air defense interceptors and artillery munitions, utilizing the remaining funds under the Ukraine Security Assistance Initiative (USAI). This package may be one of the last as President-elect Donald Trump, who has questioned U.S. military involvement in Ukraine, prepares to take office. Since the onset of the conflict in February 2022, the U.S. has committed \$175 billion in aid, with concerns arising over future support under a potentially less favorable administration. The USAI program has significantly benefited U.S. defense contractors, highlighting the intricate relationship between military support and domestic defense industry growth.

## US Recognizes India's Vital Role in the Indo-Pacific Partnership



21-Dec-24

The US State Department has emphasized India's significant role as a key partner in the Indo-Pacific

during the Biden administration, highlighting their collaboration on various shared issues. Vedant Patel, Principal Deputy Spokesperson, expressed optimism about continuing this partnership, reinforcing India's strategic importance in regional security and stability. This indicates a robust alignment in defense strategies, as the US seeks to strengthen ties with India amid rising geopolitical tensions in the Indo-Pacific. India's involvement not only enhances bilateral relations but also positions it as a pivotal player in counterbalancing regional threats, underscoring its growing influence in international defense dynamics.

## India Urges US to Address Security Threats from Pannun



21-Dec-24

India has raised concerns with the US regarding threats from Khalistani separatist Gurpatwant Singh Pannun against Indian Ambassador Vinay Mohan Kwatra, emphasizing the seriousness of these threats. MEA spokesperson Randhir Jaiswal highlighted expectations that the US will address New Delhi's security concerns, especially given Pannun's accusations linking the ambassador to a supposed India-Russia terror nexus. This situation underscores the ongoing challenges India faces from separatist elements abroad and the necessity for international cooperation to address security threats, reflecting India's proactive stance in safeguarding its diplomatic mission and countering misinformation. The response from the US will be critical in assessing the bilateral relationship amidst rising separatist activities.

## Military Operations

## Parliamentary Report Reveals IAF's Crash Rates and Fighter Shortages



21-Dec-24

Recent parliamentary reports highlight pressing issues within the Indian Air Force (IAF), including a concerning spike in aircraft crashes primarily attributed to human error, accounting for over 50% of incidents from 2017 to 2022. The IAF currently operates only 31 squadrons, well below the sanctioned strength of 42, exacerbated by the phased retirement of older models like the MiG-21, creating a significant shortfall in operational capability. While efforts are underway to enhance indigenous production, particularly of the Tejas fighter, pilot shortages and an urgent need for new multi-role fighters remain critical challenges. The IAF is exploring procurement options for older aircraft from allied

nations as a temporary measure, but long-term solutions demand substantial investment and modernization commitments to bolster India's air combat capabilities.

## Manipur: Security forces seize arms, arrest two amid unrest



21-Dec-24

Security forces in Manipur arrested two individuals and seized a significant cache of arms and ammunition in Churachandpur district, including a 9mm carbine and a .303 rifle. The operations aim to restore peace following ongoing violence between the Meitei and Kuki communities, which escalated after a rally by the All Tribal Students Union against the inclusion of the Meitei in the Scheduled Tribes list. Such proactive measures demonstrate the commitment of Indian security forces to maintaining law and order in sensitive areas, highlighting the necessity of thorough search operations in curbing violence and ensuring civilian safety amidst geopolitical challenges in the region.

## India Strengthens Border Surveillance with UAVs Amid TB2 Threat



21-Dec-24

India has deployed unmanned aerial vehicles (UAVs) in West Bengal near the Bangladesh border in response to Bangladesh's introduction of Turkish-made Bayraktar TB2 drones. This strategic move enhances India's border surveillance capabilities, particularly concerning the sensitive chicken neck corridor, vital for connecting northeastern India to the rest of the country. The presence of advanced UAVs on both sides signals increased surveillance activities, with India likely intensifying its counter-drone operations. This deployment not only serves as a countermeasure to potential threats but also demonstrates India's readiness to address security challenges, reinforcing its commitment to maintaining regional stability amidst evolving military dynamics.

its operations in Bahawalpur, where facilities serve as indoctrination and training hubs. The report suggests systemic ties between JeM and Pakistan's intelligence agency, ISI, and mentions past admissions by former officials regarding support for the group. With satellite imagery revealing the complex's development near military bases, the article underscores potential political repercussions for Pakistan amid its previous standing with the Financial Action Task Force (FATF). This situation necessitates urgent international counter-terrorism efforts to ensure regional stability, particularly given India's geopolitical concerns.

## Bangladesh Terror Suspects Aim to Disrupt Northeast India's Stability



21-Dec-24

Eight suspects linked to the Bangladesh-based terrorist outfit Ansar-al-Islam were apprehended for plotting to destabilize Northeast India, specifically targeting the strategically crucial Siliguri Corridor. The West Bengal Police, aided by forces from Kerala and Assam, discovered materials indicating plans for synchronized attacks, including the assassination of prominent Hindu leaders. These individuals were reportedly establishing sleeper cells in sensitive areas of the region. This incident underscores the ongoing threat posed by cross-border terrorism and highlights the necessity for vigilant intelligence and enhanced security measures to safeguard India's territorial integrity and communal harmony. The proactive actions of law enforcement reflect a robust commitment to thwarting such destabilizing efforts.

## Car Attack at German Christmas Market Leaves 2 Dead, 68 Injured



21-Dec-24

A tragic car attack occurred in Magdeburg, Germany, on December 20, 2024, resulting in at least two fatalities and 68 injuries, with 15 individuals in critical condition. The driver, a 50-year-old Saudi Arabian physician, has been arrested, and authorities are treating the incident as a suspected deliberate act. Local officials described the scene as horrific, prompting police to cordon off the area for investigation. This incident recalls a similar attack in Berlin in 2016, highlighting ongoing concerns about security during public events in Europe and the need for heightened vigilance against potential threats to civilian safety.

## Terrorism and Counterterrorism

## French Magazine Uncovers Pakistan's Alleged Ties to Jaish-e-Mohammed



21-Dec-24

A recent report by French Magazine Le Spectacle du Monde exposes Pakistan's alleged support for the terrorist group Jaish-e-Mohammed (JeM), highlighting

## Yemen's missile strike on Israel injures 16 amidst regional tensions

🔒 SHARE

21-Dec-24

Israel's military reported a failed interception of a "projectile" launched from Yemen, resulting in 16 injuries in Tel Aviv, amidst ongoing hostilities involving Yemen's Huthi rebels, who have intensified missile attacks since the Gaza conflict began. In retaliation, Israel has targeted Huthi-controlled ports and energy facilities, highlighting a broader regional tension exacerbated by the conflict. The Huthis claim their actions support Palestinians, signaling a willingness to continue hostilities until Gaza's siege is lifted, while their missile attacks have led to US and UK retaliatory strikes. This situation underscores the complex interplay of regional geopolitics, where proxy conflicts can destabilize security in multiple nations.

## Islamist militants kill 16 security personnel in Pakistan attack

🔒 SHARE

21-Dec-24

Islamist militants in northwest Pakistan have killed 16 security personnel in an attack in South Waziristan, with eight others reported injured. The deputy superintendent of police confirmed the casualties and stated that a search operation is currently underway in the area. This incident highlights the ongoing security challenges faced by Pakistan, particularly from militant groups in its tribal regions. The attack underscores the persistent threat of extremism, which not only destabilizes Pakistan but also has implications for regional security, including India, as it necessitates stronger counter-terrorism strategies and vigilance on both sides of the border.

### Mil Personnel & Veterans

## Kashmir Youth Embrace Indian Army at 2024 Recruitment Rally

🔒 SHARE

21-Dec-24

The recent Territorial Army recruitment rally in Kashmir showcased a significant turnout of local youth, indicating a shift in public sentiment towards the Indian armed forces post-Article 370 abrogation. Pakistan's failure to influence the Kashmir narrative is evident, as its attempts to incite anti-army sentiment have largely been unsuccessful. The enthusiasm among Kashmiri youth to enlist contradicts Pakistan's claims of alienation, reflecting local pride in military service despite ongoing threats from terrorist groups. This

trend highlights an encouraging transformation in Kashmir, further solidifying the Indian Army's positive image and commitment to the region's security and development.

## Ladakhi Hero Tashi Namgyal, Key to Kargil Victory, Passes Away

🔒 SHARE

21-Dec-24

Tashi Namgyal, the Ladakhi shepherd who played a crucial role in alerting the Indian Army to Pakistani intrusions during the 1999 Kargil War, has passed away at the age of 58. His discovery of Pakistani soldiers digging bunkers on the Batalik mountain range led to a timely warning that significantly influenced India's military response, contributing to a decisive victory in the conflict. The Fire and Fury Corps paid tribute to Namgyal, stating his contributions would remain "etched in golden letters" in the nation's history. His legacy as a vigilant patriot exemplifies the critical role civilians can play in national security, highlighting the importance of community awareness in defense strategies.

## Amit Shah opens Rs 25 crore residential complex for BSF in Agartala.

🔒 SHARE

21-Dec-24

Union Home Minister Amit Shah inaugurated a residential complex for BSF personnel at Agartala Land Port, emphasizing the SSB's vital role in securing India's borders with Nepal and Bhutan. The complex, worth Rs 25 crore, enhances living conditions for security forces, crucial for border crime prevention and combating insurgency in the Northeast. Shah praised SSB's dedication over six decades and launched additional housing projects worth Rs 200 crore across various states. This initiative strengthens infrastructure and boosts morale among personnel, demonstrating the government's commitment to supporting those protecting India's borders and enhancing operational efficiency through improved amenities.

### Miscellaneous

## Mumbai Harbor Collision Claims 15 Lives, Including Missing Boy

🔒 SHARE

21-Dec-24

The tragic collision between a Navy craft and a passenger ferry off Mumbai's coast resulted in the recovery of a missing seven-year-old boy, raising the death toll to 15. The incident occurred during engine

trials of the Navy vessel, which collided with the overcrowded ferry, violating the Inland Vessel Act. The Maharashtra Maritime Board has suspended the ferry's license and is investigating, while the Navy has initiated its own inquiry. Legal action has been taken against the Navy craft's operator for negligence. This incident highlights the need for stricter enforcement of maritime safety regulations to prevent future tragedies and ensure the protection of civilian lives.

## India Engages in 24th BIMSTEC Senior Officials Meeting to Boost Regional Cooperation

21-Dec-24

India recently participated in the 24th BIMSTEC Senior Officials Meeting, where officials reviewed progress made within the BIMSTEC framework since March 2023. Discussions focused on critical areas such as sustainable development, connectivity, security, and people-to-people exchanges. This engagement underscores India's commitment to regional cooperation and stability, highlighting its strategic interest in enhancing connectivity and security with neighboring countries. By actively participating in these discussions, India positions itself as a leader in promoting collaborative efforts that aim to address common challenges in the region, fostering economic growth and security partnerships among BIMSTEC members.

## Japan and India Join Forces on Laser Satellites to Combat Space Debris

21-Dec-24

Japan and Indian start-ups are collaborating to study laser-equipped satellite technology aimed at tackling space debris, which poses considerable risks to operational satellites. The initiative focuses on using laser energy to vaporize small debris, facilitating easier removal by servicing spacecraft, with a demonstration planned by 2027. This partnership reflects a significant advancement in space technology cooperation between the two nations, also highlighted by their joint Lunar Polar Exploration (LUPEX) mission set for 2026. The urgency to address space debris is critical, as emphasized by a United Nations panel, making this collaboration timely and strategically important for both countries in enhancing their space capabilities.

## NCC Completes Inspiring 1,650 km Expedition from Kanpur to Kolkata

21-Dec-24

The National Cadet Corps (NCC) successfully completed its Special Sailing Expedition from Kanpur to Kolkata, covering 1,650 km along the Ganges, with over 400 cadets participating. Flagged off by Major General Vivek Tyagi, the expedition, themed 'Bhartiya Nadiya - Sanskritiyo Ki Janani', highlighted the cultural and ecological significance of Indian rivers. Cadets engaged in social initiatives like coastal clean-ups and tree planting, promoting environmental conservation and youth empowerment. This initiative not only fostered leadership and camaraderie among the participants but also underscored the strategic importance of rivers for India's transportation and economy, aligning with India's broader defense and societal goals.

## ISRO and ESA Partner to Boost Human Spaceflight Collaboration

21-Dec-24

The Indian Space Research Organisation (ISRO) and the European Space Agency (ESA) have signed an agreement to enhance cooperation in human spaceflight, focusing on astronaut training, mission implementation, and research experimentation. This collaboration supports joint educational outreach and includes participation in the Axiom-4 mission, where astronauts from both agencies will conduct experiments on the International Space Station (ISS). ISRO's Chairman, Dr. S Somanath, emphasized the potential for developing interoperability between their human spaceflight platforms, especially with the recent approval of the Bharatiya Antariksh Station (BAS). This agreement marks a significant step in advancing India's space exploration capabilities while fostering international collaboration.

## Maroon Beret Parade Celebrates Air Force Special Forces Graduates

21-Dec-24

The Maroon Beret Ceremonial Parade held on December 21, 2024, at the Garud Regimental Training Centre marked the successful completion of training for Air Force Special Forces operatives of the Garud force. The Assistant Chief of Air Staff Operations reviewed the parade and emphasized the importance of rigorous training for adapting to changing security dynamics. He awarded the Maroon Beret, Garud Proficiency Badge, and Special Forces Tabs to the trainees, symbolizing their transition into elite operators. This event highlights

the commitment of the Indian Air Force to enhance its operational capabilities through specialized training and the development of highly skilled personnel to address contemporary security challenges effectively.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
MTARTECH	1670.05	1777.0	1653.05	1722.2	1697001	5.83	53.89	1723.51	1795.86
DATAPATNS	2487.0	2592.8	2471.0	2567.75	473554	3.22	54.2	2545.79	2726.75
ZENTEC	2448.0	2590.0	2323.25	2493.05	1593381	2.85	82.89	2057.26	1439.59
DCXINDIA	327.45	344.0	324.9	329.8	1003595	0.72	51.54	328.79	333.32
BDL	1229.9	1276.0	1168.9	1239.25	1614304	0.6	61.0	1192.78	1202.74
ROSSELLIND	77.0	80.0	75.0	76.99	44725	0.47	30.59	83.25	370.42
LMW	17540.0	17742.0	17301.45	17524.85	12127	-0.56	65.36	16785.09	16101.33
HIGHENE	651.0	667.95	644.05	644.1	3739	-1.35	48.51	645.71	715.43
SIKA	2535.6	2680.0	2535.6	2557.05	1747	-1.35	45.28	2617.31	2482.26
BHARATFORG	1297.8	1315.7	1274.35	1278.9	1495889	-1.46	32.8	1341.36	1449.28
CFE	696.0	701.0	680.0	680.0	10600	-2.13	49.73	696.11	615.14
LT	3716.35	3725.0	3607.1	3629.85	2796593	-2.33	40.52	3792.39	3617.4
KRISHNADEF	760.0	770.0	736.1	747.45	21000	-2.41	59.13	692.81	640.37
BEL	298.0	302.1	289.35	290.85	14964677	-2.56	38.01	308.18	277.06
APOLLO	96.69	98.0	93.56	94.15	1147541	-2.68	39.16	98.07	105.41
TANEJAERO	452.5	452.5	432.0	432.0	13466	-2.83	42.46	454.55	491.64
IDEAFORGE	601.05	608.0	585.8	587.25	123215	-2.88	41.06	605.84	695.23
AVANTEL	164.89	166.5	159.45	160.24	571627	-2.9	45.25	163.51	-
ADANIENT	2429.0	2453.85	2333.0	2344.95	1337016	-3.08	34.71	2443.73	3011.9
PARAS	1041.0	1043.45	990.0	1005.4	164352	-3.13	38.62	1084.07	1027.48
COCHINSHIP	1561.0	1570.0	1476.75	1493.55	305700	-3.49	41.37	1595.4	1699.7
HBLPOWER	676.9	682.9	648.0	652.65	2102883	-3.53	53.92	650.74	559.98
MIDHANI	358.1	360.0	343.0	345.0	304102	-3.56	41.55	363.1	410.2
LOKESHMACH	350.45	352.0	332.95	337.0	45301	-3.59	39.87	357.86	390.1
NIBE	1772.0	1824.0	1690.8	1707.95	23207	-3.61	42.57	1775.56	1738.04
MARINE	314.0	319.9	295.1	297.95	1073430	-3.67	60.01	282.05	189.88
AZAD	1748.95	1748.95	1650.0	1659.1	101696	-4.33	45.05	1747.36	1536.17
PTC	154.51	154.7	143.32	147.44	3230521	-4.36	23.41	169.56	201.73
SOLARINDS	10275.0	10320.0	9731.0	9787.6	63347	-4.37	35.95	10525.5	10025.79
HAL	4385.0	4420.0	4175.0	4190.2	1598164	-4.44	33.71	4516.5	4418.78
TEMBO	798.0	847.0	777.55	781.55	54937	-4.51	60.89	749.16	370.81
BEML	4285.75	4309.5	4051.0	4073.8	203036	-4.86	42.1	4288.92	3938.81
GRSE	1661.75	1667.5	1560.2	1572.2	442865	-4.99	41.49	1694.41	1564.07
ASTRAMICRO	844.85	845.05	790.15	797.3	275772	-5.41	47.83	804.73	798.39
MAZDOCK	5090.0	5143.95	4701.0	4724.1	2673135	-6.25	50.98	4778.12	3787.52
PREMEXPLN	577.4	581.9	530.8	536.25	467877	-7.12	58.33	489.99	518.78