



# Defence Professionals News & Analysis

January 03,2025 | Day 003

## Top Gainers

Stock	Close	Prev	Change
APOLLO	138.25	123.96	+11.53%
IDEAFORGE	645.8	621.15	+3.97%
PREMEXPLN	551.05	534.5	+3.1%
MTARTECH	1771.15	1720.4	+2.95%
AZAD	1885.45	1848.85	+1.98%

## Top Losers

Stock	Close	Prev	Change
TEMBO	859.0	882.45	-2.66%
LMW	16838.35	17243.0	-2.35%
BEL	291.95	296.8	-1.63%
BHARATFORG	1296.15	1315.7	-1.49%
LT	3659.9	3713.5	-1.44%

## Defense Business and Industry

### Indonesian President Seeks BrahMos Missiles to Boost Defense



03-Jan-25

Indonesian President Prabowo Subianto is keen on acquiring BrahMos missiles to enhance Indonesia's military capabilities, potentially making it the third Southeast Asian nation to do so after the Philippines and Vietnam. This interest reflects a regional trend where countries are bolstering their defenses against China's assertiveness, with the BrahMos missile's supersonic speed and precision proving attractive. The Philippines has already contracted for BrahMos to strengthen its coastal defenses, while Vietnam is pursuing the system to enhance its naval capabilities. Despite potential U.S. sanctions due to Russian components in BrahMos, the missile's affordability and advanced technology position India as a key defense supplier in Asia, aligning with its "Act East" policy and ambitions for significant defense exports by 2025. This growing demand signifies India's rising influence in regional security dynamics and its role in countering Chinese expansionism.

### PTC Industries Unveils India's First Private VAR Furnace for Titanium



03-Jan-25

PTC Industries has launched India's first private sector Vacuum Arc Remelting (VAR) furnace for aerospace-grade titanium, marking a significant leap in the country's aerospace manufacturing capabilities. This facility, located in Lucknow and capable of producing 1,500 metric tonnes of titanium alloy ingots annually,

positions India among leading nations in high-grade titanium production. The adoption of VAR technology ensures superior material integrity, crucial for aerospace applications. This initiative aligns with India's goals of self-reliance and reducing import dependency in critical materials, ultimately enhancing national security and fostering growth within the defense and aerospace sectors, heralding a new era of innovation and capability in India's manufacturing landscape.

### Pakistan's PNS Rizwan Spy Ship Nears Completion, Challenging INS

Dhruv

03-Jan-25

Pakistan's near-completion of the PNS Rizwan, a Chinese-made spy ship, marks a significant enhancement in its naval intelligence capabilities, positioned as a direct counter to India's INS Dhruv. Measuring 87.2 meters, the PNS Rizwan is equipped with advanced tracking and surveillance technology, aimed at bolstering Pakistan's strategic deterrence in the Indian Ocean. This development intensifies the existing maritime tension between India and Pakistan, necessitating India to reassess its naval strategies and maintain vigilance over Pakistan's evolving capabilities. The situation underscores the importance of advanced naval assets in modern warfare, with both nations investing in intelligence-gathering technologies to secure regional dominance.

### Defence Minister Rajnath Singh Sets 2025 Goals for DRDO Projects



03-Jan-25

On January 2, 2025, Defence Minister Rajnath Singh outlined ambitious goals for the Defence Research and

Development Organisation (DRDO), urging the completion of 100 projects by the next foundation day, emphasizing collaboration with the private sector and start-ups. During DRDO's 67th Foundation Day, tributes were paid to former President Dr. A.P.J. Abdul Kalam, and significant documents were released to enhance industry engagement. DRDO reported successful collaborations, including 1,950 technology transfers and 256 licensing agreements, demonstrating its commitment to innovation and Aatmanirbhar Bharat initiatives. The establishment of new test facilities and the launching of flagship programs like the Advanced Medium Combat Aircraft (AMCA) underline DRDO's strategic importance in strengthening India's defense capabilities and fostering a robust defense industrial ecosystem.

## Indian Armed Forces to Embrace AI, Cyber, and Space by 2025

[SHARE](#)

03-Jan-25

The Indian Armed Forces are set to enhance their focus on emerging domains such as artificial intelligence, cyber capabilities, and space by 2025, according to the Defence Ministry. This initiative aims to implement integrated theatre commands to improve synergy among the military services, fostering a technologically advanced and combat-ready force. The reforms will also encourage public-private partnerships and bolster R&D through collaborations with foreign manufacturers, positioning India as a credible defense exporter. Furthermore, the Ministry emphasizes the importance of veteran welfare and leveraging their expertise in this transformative process, thereby ensuring a holistic approach to national security and defense innovation.

## Reliance Naval & Engineering Rebrands as Swan Defence & Heavy Industries

[SHARE](#)

03-Jan-25

Reliance Naval & Engineering has been rebranded as Swan Defence & Heavy Industries, marking a pivotal transition aimed at strengthening its position in India's defense sector. Following a successful bid of ₹2,100 crore approved by the National Company Law Tribunal, Swan Energy is set to focus on manufacturing naval defense vessels and oil and gas infrastructure while establishing a manufacturing hub in the Asia Pacific. This rebranding reflects a strategic shift in operational focus, enhancing capabilities in shipbuilding and green ship-breaking initiatives. Such developments align with India's broader goal of bolstering indigenous defense production and reducing reliance on foreign military imports.

## DefSat 2025: Advancing India's Defense and Space Integration

[SHARE](#)

03-Jan-25

The DefSat 2025 conference emphasizes "Integrated Space Capabilities for Multi-Domain Operations," focusing on the integration of advanced technologies like AI and quantum key distribution into India's defense strategy. Key discussions will address homeland security through space technologies and a simulation exercise, IndSpace Wargame 3.0, to tackle real-world challenges. The Indian government's 2025 vision aims for defense modernization through Integrated Theatre Commands and public-private partnerships to bolster innovation. This initiative positions India as a key player in global defense and space sectors, enhancing military capabilities and security in a complex geopolitical landscape.

## IRRPL's Milestone: 35,000 AK-203s Delivered, Aiming Higher

[SHARE](#)

03-Jan-25

Indo-Russian Rifles Private Limited (IRRPL) has successfully delivered 35,000 AK-203 rifles to the Indian Army, enhancing its combat readiness. The rifles, acclaimed for their effectiveness across diverse operational scenarios, are a testament to India's push for self-sufficiency in defense with a 100% Transfer of Technology from Russia. IRRPL targets 70% indigenisation by mid-2025 and aims to produce 1.2 lakh rifles annually by 2026, while expanding its workforce significantly. This initiative not only supports the Indian military's needs but also positions India as a competitive player in the global defense market, reflecting a strong commitment to the Aatmanirbhar Bharat vision.

## ADE Boosts UAV Safety with Innovative Due Regard Radar

[SHARE](#)

03-Jan-25

The Aeronautical Development Establishment (ADE) is advancing UAV technology by developing the Due Regard Radar, an innovative sensor suite aimed at enhancing the safety and operational capabilities of unmanned aerial vehicles (UAVs). This radar addresses the critical need for non-cooperative detection and tracking, allowing UAVs to autonomously navigate complex airspace while adhering to international safety standards set by the ICAO. The success of this technology could not only elevate India's position in global aerospace research and development but also facilitate international collaborations and potential

exports, reinforcing India's status as a key player in the future of unmanned aviation.

## Tejas MkII Set to Surpass 200 Units, Eyes 250 in 10 Years [SHARE](#)

03-Jan-25

The Tejas MkII program is set to significantly bolster India's indigenous defense capabilities, with the Indian Air Force (IAF) committing to procure at least 120 units, potentially increasing to 250 over the next decade. This aircraft will replace the aging Jaguar, Mirage-2000, and MiG-29 fleets, enhancing the IAF's combat operations. The Tejas MkII, powered by the GE-F414 engine, may also receive a more powerful engine linked to the Advanced Medium Combat Aircraft (AMCA) program, underscoring India's commitment to advancing its air combat capabilities. This initiative positions the Tejas MkII as a crucial element in the IAF's modernization strategy, ensuring sustained operational readiness.

## India's AMCA MkII Targets 90% Indigenous Content by 2033 [SHARE](#)

03-Jan-25

India's AMCA MkII program aims for 90% indigenous content, reflecting a significant step towards self-reliance in defense technology. Spearheaded by HAL and ADA, the program is set to roll out its first prototype by late 2028, powered by an Indian-made 110kN engine, a major achievement for the defense industry. While 70% indigenization is targeted initially, the program aims for 90% by 2033, with non-critical foreign components expected to make up the remaining 10%. This ambitious goal underscores India's commitment to enhancing its defense capabilities and reducing dependency on foreign suppliers, reinforcing national security while managing economic viability.

## Astra Mk3 Set to Outperform Meteor in Long-Range Air Combat [SHARE](#)

03-Jan-25

India's Astra Mk3 missile, developed by the DRDO, is emerging as a potent competitor to the European Meteor missile, boasting a 20% higher ramjet specific impulse and 18% longer burn time. These advancements enhance its speed, range (estimated at over 270 km), and maneuverability, thereby expanding its no-escape zone against adversaries. The Astra Mk3 represents a significant leap in air-to-air missile technology, underscoring India's commitment to indigenous defense innovation. As it continues to refine its capabilities, the Astra Mk3 is poised to redefine air

combat dynamics, reinforcing India's strategic position in regional security.

## MF STAR Radar and Project Kusha Missiles: A Naval Revolution [SHARE](#)

03-Jan-25

Bharat Electronics Limited's CMD, Manoj Jain, highlighted the game-changing capabilities of the MF STAR radar system and Project Khushab missiles during a recent interview. The MF STAR radar boasts a range of 400 nautical miles, enhancing the Indian Navy's ability to detect aerial threats early and engage targets beyond 250 kilometers, thanks to the advanced M1 and M2 missile systems. This integration significantly expands the Indian Navy's defensive perimeter and operational flexibility, allowing for better deterrence in contested waters. India's focus on indigenous technology in naval defense exemplifies a strategic leap towards achieving technological superiority in modern warfare.

## Indian Army Chooses MTU Engines for Next K-9 Vajra Batch [SHARE](#)

03-Jan-25

The Indian Army has confirmed its decision to use MTU 1,000 hp diesel engines for the second batch of 100 K-9 Vajra self-propelled howitzers, demonstrating trust in the performance of these German engines that have already proven effective in varied terrains, including high-altitude areas. This choice reflects a strategy of operational efficiency and logistics by standardizing the platform while keeping the door open for future technological advancements. The K-9 Vajra, manufactured in India by Larsen & Toubro under a license from Hanwha Aerospace, aligns with the Make in India initiative, emphasizing self-reliance without compromising on proven capabilities.

## India's 13-Ton UCAV Stealth Bomber to Feature Advanced DBF System [SHARE](#)

03-Jan-25

India is advancing its defense capabilities with the development of a 13-ton Unmanned Combat Aerial Vehicle (UCAV) stealth bomber, featuring an advanced Digital Beamforming (DBF) system. This innovative technology enhances radar and communication precision, allowing the UCAV to operate stealthily and track multiple targets efficiently, significantly bolstering operational capabilities. The incorporation of DBF not only improves the Ghatik UCAV's effectiveness in electronic warfare and intelligence gathering but also demonstrates India's commitment to self-reliance in

high-tech military equipment, reducing reliance on foreign systems and potentially paving the way for defense exports. This development underscores India's strategic focus on enhancing its air power and technological sophistication in defense.

## Indian Army Seeks Local Producers for 40mm Anti-Drone Ammo SHARE

03-Jan-25

The Indian Army has issued a Request for Information (RFI) for the indigenous manufacturing of 40mm Anti-Drone Ammunition under the Make in India initiative, aiming to enhance defense capabilities and reduce import dependency. The initiative invites both Defence Public Sector Undertakings (DPSUs) and private vendors to contribute, ensuring at least 50% indigenous content in the production process. This step reflects India's commitment to self-reliance in defense manufacturing, particularly in countering the rising drone threats in modern warfare. By fostering collaboration within the defense ecosystem, this project not only strengthens national security but also promotes domestic industry participation in critical defense sectors.

## India Achieves 88% Self-Reliance in Army Ammunition Production SHARE

03-Jan-25

India is making significant progress towards self-reliance in its defense sector, with 154 out of 175 ammunition variants for the Indian Army now produced domestically, achieving an 88% indigenisation rate. This initiative is part of a strategic 10-year plan under the 'Make in India' and 'Aatmanirbhar Bharat' campaigns, aimed at reducing foreign dependency and ensuring operational readiness amid global supply chain uncertainties. Key advancements include the indigenous production of complex munitions like the APFSDS, enhancing India's defense capabilities while fostering local employment and technological innovation. Ultimately, this drive for self-sufficiency is vital for sustaining military operations during protracted engagements, particularly in border conflicts.

## Defense Policy and Budgeting

### India Prioritizes Indigenous AMCA Over Joining FCAS and GCAP SHARE

03-Jan-25

India is likely to decline participation in international 6th-generation fighter jet programs such as the FCAS and GCAP, choosing instead to focus on its indigenous Advanced Medium Combat Aircraft (AMCA) project. With proposals from Germany and Spain for FCAS and an invitation from the UK-Japan-Italy consortium for GCAP, India emphasizes self-reliance, aiming for the AMCA's initial induction by 2035. The AMCA, a 5.5-generation fighter, will feature advanced technologies like AI and stealth capabilities, laying the groundwork for a comprehensive 6th-generation fighter development expected to start in the 2040s. This strategic decision highlights India's commitment to enhance its defense capabilities independently while aligning with long-term modernization goals.

## Geopolitics and Security Alliances

### French aircraft carrier Charles de Gaulle to boost India ties tomorrow SHARE

03-Jan-25

The French Navy's nuclear-powered aircraft carrier Charles de Gaulle and its strike group will visit Goa and Kochi, enhancing India-France strategic ties through joint maritime exercises. This visit underscores the robust military cooperation established since 1998, with initiatives like the Varuna bilateral exercise aimed at improving interoperability between the two navies. Both nations actively collaborate on maritime security issues within the Indian Ocean, addressing challenges such as piracy and illegal trafficking. France's participation in the Indian Ocean Naval Symposium further demonstrates their commitment to regional stability, highlighting the growing importance of India as a strategic ally in the face of evolving geopolitical dynamics.

### Israeli Airstrikes Hit Gaza Amid Humanitarian Crisis, Talks Begin SHARE

03-Jan-25

Israeli airstrikes in Gaza have resulted in significant casualties, including children, as the conflict escalates following Hamas-led attacks on October 7. Despite the



tragic civilian toll, Israel maintains its operations target Hamas militants, claiming the group uses civilian areas for cover. Prime Minister Netanyahu has authorized a delegation for ceasefire talks in Qatar while reiterating the goal of dismantling Hamas. The humanitarian situation is dire, with widespread displacement and hunger affecting 90% of Gaza's population. The ongoing violence underscores the complexities of the conflict, as both sides grapple with the humanitarian implications of their military strategies.

## **Zelensky hopes Trump's unpredictability could help end war**



03-Jan-25

Ukrainian President Volodymyr Zelensky expressed hope that U.S. President-elect Donald Trump's "unpredictability" could help resolve the ongoing conflict with Russia. While Trump has claimed he could end the war swiftly, skepticism remains in Kyiv regarding potential concessions. Zelensky also supported the idea of French peacekeepers in Ukraine, emphasizing the need for a NATO pathway. He acknowledged the fatigue of Ukrainian forces amid Russia's advances, which have led to significant territorial losses. This situation highlights the complexities of international military support and the strategic challenges faced by Ukraine in its fight against Russian aggression.

## **China Sanctions 28 US Defense Firms Over Taiwan Arms Sales**



03-Jan-25

China has imposed sanctions on 28 US defense firms, including major players like Lockheed Martin and Raytheon, in response to their arms sales to Taiwan, citing national security concerns. The sanctions restrict these companies from importing and exporting goods to China, along with banning new investments and revoking work permits for executives. This escalation reflects the intensifying trade tensions between the US and China, with Beijing asserting that such measures aim to protect its sovereignty and fulfill international obligations. The situation underscores the geopolitical challenges surrounding arms sales and national security, particularly in the context of US-China relations.

## **India and Iran strengthen ties to combat regional terrorism.**



03-Jan-25

India and Iran are strengthening their counter-terrorism partnership amidst escalating threats from groups like

Al Qaeda and ISIS in West Asia, driven by the ongoing instability in Syria. A senior Iranian official highlighted that both nations face similar security challenges, prompting discussions during Iranian Vice Foreign Minister Takht Ravanchi's visit to New Delhi. The agenda includes enhancing security collaboration and addressing developments at the Chabahar Port. This cooperation reflects India's proactive stance in regional security and counter-terrorism efforts, showcasing its commitment to combating terrorism alongside key allies. Such partnerships are vital for maintaining stability in the region and safeguarding national interests.

## **India Refutes Maldives Assassination Claims, Warns Pakistan**



03-Jan-25

India has strongly rejected allegations from a Washington Post report linking the Maldivian opposition to a \$6 million plot against President Mohamed Muizzu, labeling the claims as "baseless" and highlighting the publication's "compulsive hostility" towards India. The Ministry of External Affairs emphasized India's commitment to supporting democracy in the Maldives, while former President Nasheed also denied any impeachment scheme. Additionally, India dismissed claims of its intelligence agency, RAW, conducting targeted operations against terror groups in Pakistan, criticizing Pakistan's management of terrorism and reiterating its focus on counter-terrorism efforts. The MEA assured support for Indian-origin nurse Nimisha Priya, sentenced to death in Yemen, indicating active governmental involvement in her case.

## **Houthi Rebels Threaten Retaliation Against U.S. and Israel**



03-Jan-25

Yemen's Houthi rebels have vowed retaliation against Israel and the U.S. following recent U.S. strikes on their facilities in Sanaa. The attacks were part of a broader U.S. military effort to counter Houthi missile and drone threats aimed at Israel, which the Houthis claim are acts of solidarity with Palestinians. Israeli officials have issued stern warnings, indicating that continued aggression from Iranian proxies could lead to severe consequences. This escalating conflict underscores the complex geopolitical tensions in the region, highlighting the rising threats posed by Iran-backed groups and the importance of a robust defense strategy for countries like India to counter similar challenges.

## TMC's Abhishek Banerjee Critiques BSF's Border Security Role SHARE

03-Jan-25

Senior TMC leader Abhishek Banerjee criticized the BJP-led central government for its perceived silence on atrocities against minorities in Bangladesh and accused the BSF of enabling infiltrators to destabilize West Bengal. He questioned the government's diplomatic inaction and called for a stronger response to the anti-India narrative, particularly regarding the plight of Hindu minorities. Banerjee emphasized the need for the central government to act decisively, especially in light of recent unrest in Bangladesh. He also highlighted the state police's role in arresting terrorists while demanding accountability from the BSF regarding border security. This situation underscores the complexities of India's internal and external security dynamics, requiring a robust and proactive approach.

## US NSA Jake Sullivan to Visit India for Tech and Defense Talks SHARE

03-Jan-25

US National Security Advisor Jake Sullivan is set to visit India early next week for discussions on the India-US Initiative on Critical and Emerging Technologies (iCET), which focuses on enhancing collaboration in areas like artificial intelligence, semiconductors, biotech, and defense innovation. This trip is significant as it is one of the last high-profile visits from the Biden administration before Donald Trump's inauguration. Sullivan will hold talks with Indian National Security Advisor Ajit Doval to review bilateral ties and the progress made under Biden's presidency, aiming to further strengthen the already robust strategic partnership between India and the US.

## Pakistan's Nuclear Submarine Ambitions Rise Amid India's Naval Growth SHARE

03-Jan-25

Pakistan's ambition to develop nuclear submarine capabilities has intensified following India's launch of its third SSBN, pushing Pakistan to seek Chinese assistance for similar technology. The proposed deal, aimed at establishing a credible second-strike capability, faces hurdles due to China's non-proliferation commitments, leading to Pakistan's interest in alternatives like North Korean SLBM technology. While China has offered conventional submarines, this does not satisfy Pakistan's requirements for enhanced deterrence. This evolving dynamic highlights the strategic competition in the Indian Ocean Region, where India's naval advancements are compelling its

neighbors to bolster their military capabilities, ultimately reinforcing India's position as a dominant maritime power.

## Military Operations

### Israel's Commando Raid Dismantles Iranian Missile Factory in Syria SHARE

03-Jan-25

Israel has confirmed a significant commando raid targeting an underground missile manufacturing facility in Syria, believed to be vital for producing precision missiles for Hezbollah, backed by Iran. The operation, conducted by special forces with aerial support, dismantled critical machinery and equipment, addressing an immediate threat posed by the facility, which was under observation since 2017. Israeli military officials highlighted the complexity of the operation, which involved around 100 troops and extensive planning, labeling it a crucial preventive measure against Iranian military entrenchments in the region. This proactive approach reflects Israel's broader strategy to counteract Iranian influence and ensure that advanced weaponry does not reach hostile groups, particularly as tensions rise in the geopolitically sensitive area.

### Naval Officers Survive Mid-Air Parachute Mishap in Andhra SHARE

03-Jan-25

Two naval personnel experienced a close call during an operational demonstration rehearsal at Rama Krishna Beach in Visakhapatnam, Andhra Pradesh, when their parachutes became entangled during descent, leading to a fall into the water. Fortunately, both officers emerged unscathed and managed to reach the shore safely. This incident, which was captured on video and went viral, highlights the risks associated with aerial operations in naval displays. The overall safety of naval operations remains a priority for the Indian Navy, which continues to conduct rigorous training and operational displays to showcase its capabilities. The quick recovery of the officers reflects the robust training and preparedness of personnel in the face of unexpected challenges, reinforcing the Navy's commitment to operational excellence and safety in its exercises.

## 891 Israeli Soldiers Killed Since October 7, Highest Since 1973 SHARE

03-Jan-25

The Israeli military has reported 891 soldiers killed since the conflict began on October 7, 2023, marking the highest death toll since the Yom Kippur War in 1973. This includes 558 deaths in 2023 alone, with significant casualties from combat operations and a troubling rise in suicide rates among troops. The psychological toll has led the Israeli Defence Forces to enhance mental health support for their personnel. These figures highlight the severe impact of the ongoing conflict, surpassing casualties from recent conflicts and reflecting the urgent need for comprehensive support systems for military personnel facing such unprecedented challenges.

### Terrorism and Counterterrorism

## MEA Responds to Pakistan: Terrorism Hinders India Relations SHARE

03-Jan-25

Recently, Pakistan's Deputy Prime Minister Ishaq Dar emphasized the need for improved India-Pakistan relations, asserting that "it takes two to tango." He framed the normalization of ties as dependent on mutual effort, while India's Ministry of External Affairs highlighted terrorism as the primary barrier, underscoring Pakistan's ongoing struggles with terrorist activities linked to the Afghan Taliban. Additionally, Dar discussed Pakistan's efforts to bolster economic relations with regional neighbors amid its own economic challenges, including high inflation and political instability. While Pakistan seeks to strengthen ties with countries like Bangladesh, the persistent issue of terrorism continues to hinder progress with India, revealing a complex geopolitical landscape that significantly shapes both nations' foreign policies.

## PM Modi Denounces "Cowardly" Terror Attack in New Orleans SHARE

03-Jan-25

Prime Minister Narendra Modi condemned the recent terrorist attack in New Orleans, which resulted in the deaths of 15 individuals and over 30 injuries, deeming it a "cowardly" act. The FBI is treating the incident as terrorism, noting the assailant was found with an ISIS flag and explosive devices. External Affairs Minister S. Jaishankar echoed this sentiment, calling for a unified global response against terrorism. The attack coincided

with New Year's celebrations, intensifying concerns about domestic and international security. Global leaders, including those from Israel and Ukraine, have expressed solidarity and highlighted the necessity for collective action against such threats. This incident underscores the persistent global challenge of combating terrorism, reminding nations of the need for vigilance and cooperation in ensuring safety and security.

## Three Naxalites Killed as Security Forces Target Insurgency in Chhattisgarh SHARE

03-Jan-25

Three Naxalites were killed in an ongoing encounter with security forces in Chhattisgarh's Gariaband district. The encounter reflects the persistent efforts of Indian security forces to combat Naxalism, a significant internal security challenge. In a related development, 11 Naxalites, including a key leader with a bounty of Rs 1 crore, surrendered in Maharashtra, indicating a potential shift in dynamics as individuals disillusioned with Naxalism seek to reintegrate into society. This underscores the effectiveness of government initiatives aimed at countering Naxal influence and highlights the continued commitment of security forces to restore peace and stability in affected regions.

## Biden Vows Strong Action Against ISIS After New Orleans Attack SHARE

03-Jan-25

In a recent attack in New Orleans, Army veteran Shamsud Din Jabbar, an American citizen, targeted civilians while expressing support for ISIS online. The FBI discovered explosives in Jabbar's vehicle and nearby locations, indicating a premeditated assault, with no additional suspects identified. President Biden vowed to pursue those responsible for terrorism, highlighting the persistent threat of extremist groups like ISIS amid ongoing investigations into Jabbar's military background and potential links to previous incidents, such as a Tesla Cybertruck explosion in Las Vegas. This situation underscores vulnerabilities in U.S. security and the need for heightened vigilance against domestic terrorism.

## 28 Convicted for Chandan Gupta's Murder in Kasganj Yatra Clash SHARE

03-Jan-25

A special NIA court has convicted 28 individuals for the murder of Chandan Gupta during a communal clash at the 2018 Kasganj Tiranga Yatra. The court found them

guilty of serious charges, including murder and rioting, after Gupta was shot while participating in the procession. Gupta's family expressed faith in the judicial process but criticized political leaders for failing to fulfill promises of support. The trial highlighted the communal tensions in the region, emphasizing the need for effective governance and justice for victims of violence. Overall, the convictions reflect the judiciary's commitment to addressing communal violence and upholding the rule of law in India.

future leaders while fostering patriotism and cultural pride among diverse cadets.

## Miscellaneous

### India and Bangladesh to Repatriate 185 Fishermen in Maritime Exchange

[SHARE](#)

03-Jan-25

India and Bangladesh are set to repatriate a total of 185 fishermen—95 Indian and 90 Bangladeshi—in a bilateral maritime exchange on January 5. This humanitarian initiative addresses the livelihood concerns of fishing communities, as many fishermen were apprehended for inadvertently crossing the International Maritime Boundary Line. The operation will be coordinated by the respective coast guards at sea, reflecting India's commitment to the safety and welfare of its fishermen. Despite recent strains in bilateral ties due to political tensions, this exchange highlights a cooperative spirit, showcasing both nations' ability to prioritize humanitarian needs over political differences, which is essential for fostering regional stability and goodwill.

### Indian Army Enhances 4G Connectivity in Ladakh's Remote Areas

[SHARE](#)

03-Jan-25

The Indian Army, in collaboration with Bharti Airtel, has successfully established 4G connectivity in remote areas of Ladakh, including Siachen and Galwan, which previously lacked such infrastructure. Over five months, 42 mobile towers were installed, significantly improving communication for local communities and soldiers alike. This initiative not only facilitates access to online education and remote healthcare but also aims to boost tourism and economic opportunities, contributing to the broader national vision of a developed India by 2047. The Army's proactive engagement highlights its commitment to holistic development in border regions, bridging the digital divide and enhancing the quality of life in these remote villages.

### Rana Appeals US Extradition, Citing Treaty and Double Jeopardy

[SHARE](#)

03-Jan-25

In a crucial legal battle, Tahawwur Rana, convicted in the 2008 Mumbai terror attacks, is appealing to the US Supreme Court against extradition to India, citing double jeopardy. His legal team argues that the US-India extradition treaty's definition of "offence" should prevent his extradition due to previous acquittals in the

## Cybersecurity and Information Warfare

### India Ranked Second for Global Cyber Attacks in 2024

[SHARE](#)

03-Jan-25

India has been identified as the second most targeted nation for cyber attacks in 2024, with 95 entities affected, according to CloudSEK's ThreatLandscape Report. The finance and banking sectors were the hardest hit, with significant breaches including the leak of 850 million records from Hi-Tek Group and notable ransomware incidents attributed to groups like Lockbit and Killsec. This situation underscores India's rapid digitization, which, while beneficial, has also exposed vulnerabilities across various sectors, including government and telecommunications. As cyber threats evolve, strengthening cybersecurity measures becomes imperative for safeguarding critical infrastructure and national security.

## Mil Personnel & Veterans

### Record 917 girls among 2,361 cadets at NCC Republic Day Camp

[SHARE](#)

03-Jan-25

The NCC Republic Day Camp 2025 features a record participation of 2,361 cadets, including 917 girls, emphasizing inclusivity and national integration. The camp includes participants from various regions, including Jammu & Kashmir, and 135 cadets from 18 friendly countries under a Youth Exchange Programme. Key activities focus on enhancing personal traits, cultural exposure, and promoting values, culminating in a marching contingent for the Republic Day Parade. The NCC's expansion, with 20 lakh cadets and significant community contributions, reflects its commitment to youth development and national service, preparing



US. However, the US government, represented by Solicitor General Elizabeth B Prelogar, contests this, highlighting that not all charges presented by India overlap with the earlier US prosecution. This case is critical for India, as it seeks accountability for the 166 lives lost during the attacks, emphasizing the importance of international cooperation in combating terrorism.

## Mauritius Minister Gunness Visits Ayodhya to Strengthen Ties



03-Jan-25

Mauritius Minister Govindranath Gunness's visit to India, particularly to the Ram Temple in Ayodhya, emphasizes the strengthening of bilateral relations through cultural diplomacy. His participation in ceremonies highlights the shared values of the Hindu communities in both nations. Coinciding with the recent record-setting Deepotsav celebrations, this visit illustrates the deep-rooted ties and mutual respect between India and Mauritius. It underlines the significance of cultural engagements in enhancing diplomatic relations, fostering goodwill, and promoting a shared heritage that transcends geographical boundaries, ultimately contributing to a stronger partnership in various spheres, including defense and trade.

## Maldives Foreign Minister Khaleel Visits India to Strengthen Ties



03-Jan-25

Maldives Foreign Minister Abdulla Khaleel is on his first official visit to India, scheduled to meet with External Affairs Minister S. Jaishankar on January 3, 2024. Their discussions will focus on enhancing bilateral ties through economic cooperation, maritime security, and trade, building on the 'Vision for Comprehensive Economic and Maritime Security Partnership' established during President Muizzu's earlier visit to India. India has been instrumental in supporting the Maldivian economy post-COVID, highlighting its commitment to regional stability in the Indian Ocean. This visit represents a significant opportunity to reinforce the strategic partnership between the two nations, promoting mutual prosperity and security.

## India's Space Economy Set to Quadruple in a Decade



03-Jan-25

India's space economy is projected to grow nearly five times over the next decade, driven by significant government investments, regulatory reforms, and

increased private sector participation, exemplified by innovative start-ups like Skyroot Aerospace. With a focus on sustainable practices and addressing challenges such as space debris, India aims to capture around 8% of the global space economy, which is expected to reach \$1.8 trillion by 2035. Future initiatives include developing a space station by 2035, reinforcing India's strategic position in high-tech industries and global space exploration through public-private partnerships and international collaboration, ultimately enhancing its status as a leading player in the global arena.

## UK Develops Quantum Atomic Clock to Boost Military Precision



03-Jan-25

The UK has developed a groundbreaking atomic clock utilizing quantum technology at the Defence Science and Technology Laboratory, aimed at enhancing military operations by reducing reliance on GPS technology vulnerable to adversarial disruption. This clock, which maintains precision over billions of years, is set for deployment within five years, showcasing a commitment to innovation in defense capabilities. Key benefits include improved navigation systems, secure communication, and enhanced accuracy for weapon systems, ultimately providing the UK armed forces with a critical edge in timing-sensitive operations. This development not only signals advancements in quantum technology but also strengthens national security infrastructure and military readiness.

## Garuda Aerospace and REIL launch drone pilot training in Jaipur.



03-Jan-25

Garuda Aerospace has partnered with Rajasthan Electronics and Instruments Ltd (REIL) to establish a Remote Pilot Training Organisation in Jaipur, aimed at addressing the increasing demand for skilled drone operators in various sectors. This collaboration leverages Garuda's drone technology expertise and REIL's infrastructure to provide comprehensive, DGCA-compliant training programs. By fostering such initiatives, India is positioning itself as a global leader in the drone industry, reflecting a commitment to modernizing industries and empowering individuals. This strategic move not only enhances local employment opportunities but also supports the broader vision of advancing India's defense capabilities through technological innovation.

## Radical Preacher's Father to Launch Party in Punjab on Jan 14 SHARE

03-Jan-25

Jailed radical preacher Amritpal Singh's father, Tarsem Singh, announced plans to launch a political party in Punjab on January 14, coinciding with the Maghi Mela. Tarsem indicated that Amritpal, currently imprisoned under the National Security Act for violent actions, would eventually lead the party. This move reflects increasing political mobilization among radical factions in Punjab, reminiscent of historical Khalistani movements. The situation raises concerns over security and stability in the region, emphasizing the need for vigilant counter-terrorism strategies by Indian authorities to ensure communal harmony and thwart extremist ideologies.

## UP Man Jailed in Pakistan Over Romantic Pursuit; Family Seeks Modi's Help SHARE

03-Jan-25

A 21-year-old man from Aligarh, Badal Babu, was arrested in Pakistan for illegally crossing the border, allegedly motivated by a romantic relationship. His family, initially unaware of his predicament, learned of his arrest through social media and has now appealed to Prime Minister Modi for assistance in securing his

release. The local police are coordinating with the Ministry of External Affairs to facilitate communication with Babu. This incident underscores the complexities of cross-border relations and the potential consequences of unauthorized border crossings, emphasizing the need for careful consideration of international laws and personal safety in romantic pursuits.

## Scottish hiker detained in India for illegal Garmin GPS device SHARE

03-Jan-25

A Scottish hiker was arrested at Delhi airport for possessing a banned Garmin inReach GPS device while traveling to Rishikesh, Uttarakhand. She was detained after security staff informed her of the device's illegality in India, leading to her interrogation at a police station. Despite being released, she must return for a court hearing. This incident highlights India's strict regulations on satellite communication devices, aimed at maintaining security and control over technology usage within its borders, a critical aspect in safeguarding the nation's interests amid growing geopolitical tensions. The case serves as a reminder for travelers to be aware of local laws to avoid legal issues.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
APOLLO	124.86	139.7	122.35	138.25	37748697	11.53	86.68	103.09	104.99
IDEAFORGE	622.0	652.2	621.5	645.8	306856	3.97	62.93	613.23	688.17
PREMEXPLN	534.45	562.0	530.15	551.05	258319	3.1	59.29	523.68	529.28
MTARTECH	1725.0	1782.9	1721.9	1771.15	371223	2.95	60.71	1679.51	1789.22
AZAD	1844.05	1929.8	1830.0	1885.45	561986	1.98	66.64	1750.02	1555.66
ROSSELLIND	79.34	81.5	79.34	80.68	20388	1.69	43.95	80.29	355.72
BDL	1134.0	1170.5	1128.7	1143.65	407002	1.61	45.96	1205.0	1215.03
ZENTEC	2505.0	2588.0	2505.0	2533.45	293394	1.29	72.35	2338.68	1510.19
LOKESHMACH	336.0	339.9	334.0	336.05	34711	0.83	45.94	344.77	391.02
HIGHENE	659.8	674.95	642.25	652.0	6215	0.8	54.95	653.25	718.19
NIBE	1684.5	1715.0	1670.0	1701.0	13566	0.79	45.37	1774.75	1741.33
MIDHANI	346.7	353.5	346.35	349.35	188090	0.76	48.7	359.89	407.11
SOLARINDS	9770.0	9847.75	9680.2	9744.2	45452	0.47	41.55	10240.48	10138.96
DCXINDIA	370.0	380.0	364.35	368.9	1889931	0.35	66.51	336.12	335.29
CFE	700.0	718.0	685.0	700.4	20600	0.31	54.39	701.36	626.63
ASTRAMICRO	784.95	795.95	784.9	788.45	86798	0.29	49.47	799.1	806.12
PARAS	1016.0	1036.0	1005.0	1009.55	92335	0.24	43.03	1052.03	1040.93
COCHINSHIP	1600.0	1619.8	1580.0	1598.25	410469	0.21	55.8	1577.16	1730.64
PTC	152.5	154.7	151.56	152.37	1291334	0.16	41.63	157.72	199.74
KRISHNADEF	772.95	775.0	761.15	764.4	18000	0.14	58.7	747.99	658.47
MARINE	263.85	270.9	258.25	265.55	196215	0.0	45.87	288.93	197.56
DATAPATNS	2490.8	2542.0	2477.9	2485.25	79116	-0.22	49.14	2541.22	2720.8
HBLPOWER	628.95	633.55	622.5	624.5	633702	-0.36	47.04	656.25	565.49
GRSE	1647.0	1679.8	1632.05	1642.9	339107	-0.41	49.87	1675.28	1601.15
HAL	4240.0	4270.05	4197.0	4206.0	853004	-0.7	41.39	4395.97	4462.72
MAZDOCK	2255.5	2297.85	2231.15	2236.9	1592341	-0.75	43.39	2392.64	1950.38
AVANTEL	158.8	160.5	156.27	157.1	462696	-0.75	45.75	161.89	-
SIKA	2600.0	2619.0	2550.15	2579.95	953	-0.93	49.25	2635.16	2529.4
BEML	4190.0	4229.2	4131.4	4142.4	95436	-1.2	49.11	4240.45	3981.15
ADANIENT	2580.0	2619.0	2556.6	2564.6	932795	-1.27	53.6	2476.99	2978.82
TANEJAERO	456.8	456.8	442.25	444.55	18971	-1.44	51.09	449.81	491.43
LT	3708.0	3719.9	3651.45	3659.9	1290107	-1.44	46.73	3746.78	3617.8
BHARATFORG	1318.2	1322.0	1291.0	1296.15	1816419	-1.49	40.81	1325.71	1455.4
BEL	296.5	297.25	291.5	291.95	8167968	-1.63	44.16	302.03	280.91
LMW	17210.0	17327.45	16700.0	16838.35	7459	-2.35	46.93	17258.29	16228.54
TEMBO	899.0	905.0	845.0	859.0	41463	-2.66	62.11	795.23	395.25