



# Defence Professionals News & Analysis

December 05,2025 | Day 339

### Top Gainers

Stock	Close	Prev	Change
DRONACHRYA	40.2	36.55	+9.99%
SWANDEF	1142.2	1087.85	+5.0%
ASTRAMICRO	908.35	885.9	+2.53%
ADANIENT	2265.4	2217.9	+2.14%
LT	4038.2	3983.6	+1.37%

### Top Losers

Stock	Close	Prev	Change
MTARTECH	2383.9	2518.2	-5.33%
MACPOWER	945.3	997.45	-5.23%
TECHERA	213.95	224.4	-4.66%
DATAPAT'TNS	2766.3	2896.9	-4.51%
URAVIDEF	167.87	175.57	-4.39%

## Defense Business and Industry

### Zen Technologies shares rise 4% after Rs. 120 crore MoD order.



05-Dec-25

Shares of Zen Technologies Ltd surged by 4% following the receipt of a Rs. 120 crore order from the Ministry of Defence, Government of India, for the supply of a Comprehensive Training Node that includes various training simulators and equipment. This order, to be executed within a year, bolsters the company's order book to Rs. 675.04 crore. Despite a decline in Q2 FY26 revenue and profits, the company has strategically expanded through four acquisitions, enhancing its capabilities in combat training and counter-drone solutions, further contributing to India's defense indigenization efforts. This development underscores the growing investment in domestic defense technology and the importance of innovative solutions in strengthening national security.

### India to Expand S-400, Aiming to Surpass China as Top Operator



05-Dec-25

India is in advanced discussions to expand its S-400 Triumf air defense system, potentially becoming the world's largest operator of this advanced technology, surpassing China. The Indian Air Force currently operates three regiments, with plans to acquire five additional squadrons, bringing its total to ten and significantly enhancing its air defense capabilities against threats from Pakistan and China. This move follows successful operational deployment during the recent Operation Sindhur, where S-400 units effectively

neutralized airborne threats. Concurrently, Defence Minister Rajnath Singh's meeting with Russian Defence Minister Andrey Belousov highlighted ongoing collaboration on advanced systems like the S-500 air defense system and Su-57 fighter jets, reinforcing the strategic partnership between India and Russia. The Reciprocal Exchange of Logistics agreement was also discussed, enhancing logistical support and operational readiness, while underscoring India's effort to balance traditional defense partnerships amid increasing Western pressures. With these developments, India is poised to enhance its air defense architecture significantly, reflecting a broader commitment to indigenous capabilities and strategic autonomy in defense procurement.

### India and Russia Enhance Defense Ties with Su-30 Overhaul and Advanced Missile Systems



05-Dec-25

India and Russia are advancing their defense collaboration with plans to jointly overhaul 100 Su-30MKI fighters to a Super Sukhoi standard, separate from the indigenous upgrade by Hindustan Aeronautics Limited (HAL). This modernization effort is part of a broader initiative that includes the acquisition of over 300 R-37 long-range air-to-air missiles and advanced air defense systems like the S-400 and S-500, enhancing India's aerial combat capabilities. The dual-track upgrade strategy ensures that while HAL focuses on indigenous improvements, Russian assistance provides advanced technologies that strengthen the Indian Air Force's operational readiness and longevity of its fleet. Furthermore, discussions during President Putin's recent visit to India emphasize the importance of these projects in maintaining India's technological edge in the region, reinforcing its military deterrent capabilities

amidst evolving security dynamics. This cooperation aligns with India's strategic objective of modernizing military hardware and enhancing defense partnerships, crucial for addressing contemporary and future threats across its borders.

## India begins production of indigenous optronic periscopes for nuclear submarines and Project-76. [SHARE](#)

05-Dec-25

India has marked a pivotal advancement in its naval capabilities with the successful development and production of indigenous optronic periscopes, confirmed by Vice Admiral Kishore O. Thakare (Retd.). These state-of-the-art systems will be incorporated into all nuclear submarines and are proposed for the upcoming Project-76 conventional submarines, enhancing the Indian Navy's undersea warfare capabilities. The transition from traditional optical periscopes to modern optronic masts, which utilize electronic imaging, offers significant advantages including improved stealth, design flexibility, and enhanced situational awareness. Additionally, reflecting on past vulnerabilities, Thakare recounted the U.S. withholding of critical submarine periscopes during the Kargil War, emphasizing India's former dependence on foreign suppliers. However, since 2023, the Indian Navy has initiated domestic refurbishment of submarine periscopes, showcasing a significant shift towards self-reliance and strategic autonomy in military technology. This development not only ensures operational readiness but also eliminates past vulnerabilities, positioning India as a capable player in indigenous submarine technology amidst growing geopolitical challenges.

## India finalizes \$2 billion lease for Russian nuclear submarine to enhance naval capabilities. [SHARE](#)

05-Dec-25

India is finalizing a \$2 billion deal to lease a nuclear-powered submarine from Russia, marking a significant step in defense ties amidst geopolitical shifts. The agreement, culminating after prolonged negotiations, will allow India to enhance its naval capabilities and train personnel in operating nuclear submarines, with delivery expected within two years. Prime Minister Narendra Modi's efforts to bolster strategic autonomy in the face of U.S. pressures highlight India's balanced defense relationships, maintaining strong ties with Russia while diversifying its arms procurement. The leased submarine will not be used in combat but will

support India's ongoing nuclear deterrent strategy as it continues to build its indigenous capabilities in nuclear submarines.

## TLMAL marks 250th C-130J empennage delivery, boosting Make in India initiative. [SHARE](#)

05-Dec-25

Tata Lockheed Martin Aerostructures Limited (TLMAL) has achieved a significant milestone by delivering its 250th C-130J Super Hercules empennage from its Hyderabad facility, reinforcing the Make in India initiative. This joint venture between Tata Advanced Systems Limited and Lockheed Martin Aeronautics, established in 2010, serves as the sole global supplier of empennages for the C-130J, which is integral to various global missions including search and rescue and humanitarian efforts. The Indian Air Force currently operates 11 C-130J-30s and has placed further orders, highlighting the aircraft's strategic importance in India's tactical airlift capabilities. This development not only underscores successful collaboration in defense manufacturing but also enhances India's position in the global defense supply chain.

## IAF inaugurates J&K's first Flying Simulator in Udhampur for cadets. [SHARE](#)

05-Dec-25

The Indian Air Force (IAF) inaugurated Jammu and Kashmir's first Flying Simulator at Udhampur, marking a significant advancement in aviation training for NCC Air Wing cadets. The facility, inaugurated by Air Vice Marshal Vikas Sharma, will provide cadets with hands-on experience in aircraft handling, navigation, and emergency procedures, thereby enhancing their foundational skills in aviation. This initiative is aligned with the NCC's mission to deliver structured and technologically advanced training, ultimately nurturing future aviators and encouraging careers in both the IAF and civil aviation. The establishment of this simulator underscores the importance of modern training tools in fostering competence and confidence among young aviation enthusiasts in the region.

## India, Russia to Discuss Advanced Verba MANPADS Procurement at Summit [SHARE](#)

05-Dec-25

India and Russia are poised to discuss the procurement of Russia's advanced 9K333 Verba very short-range air defence system (VSHORADS) during the ongoing India-Russia Annual Summit, as highlighted by defense

sources. The Verba, known for its superior performance compared to the older Igla-S systems, offers significant enhancements in range, altitude, and resistance to modern countermeasures, addressing urgent operational needs of the Indian Army and Air Force, particularly along the Line of Actual Control with China and the western border with Pakistan. With India's indigenous VSHORADS program still in development, a fast-tracked acquisition of several hundred Verba systems, along with provisions for technology transfer and local production, is being considered to mitigate immediate threats from advanced aerial systems. This collaboration underscores the strengthening military-technical ties between India and Russia amid evolving security challenges.

### **IAF insists on full access to Su-57E before procurement deal.**



05-Dec-25

The Indian Air Force (IAF) has demanded full access to the Su-57E stealth fighter from Russia as a prerequisite for any procurement deal, underscoring significant concerns over pilot evaluations given the absence of a twin-seater variant. Ongoing negotiations have highlighted IAF's insistence on comprehensive technical assessments, including hands-on flight tests, to address previous challenges faced in the now-abandoned Fifth-Generation Fighter Aircraft program. While Russia has expressed willingness for demonstrations, restrictions on pilot access remain a concern due to intellectual property issues. This situation bears critical implications for India's strategic capabilities, as securing advanced fifth-generation fighters is essential amidst a backdrop of ongoing regional tensions and evolving defense needs.

### **Govt reviews performance of 16 Defence PSUs to enhance self-reliance.**



05-Dec-25

The Indian government has conducted a recent review of the performance of all 16 Defence Public Sector Undertakings (DPSUs), focusing on their turnover, profitability, and efforts towards indigenisation as part of the "Aatmanirbharta" initiative in defense manufacturing. Minister of State for Defence Sanjay Seth highlighted that while there is no dedicated budget for research and development (R&D) within DPSUs, they allocate funds from their earnings based on market needs. This review underscores the government's commitment to fostering self-reliance in military hardware production through enhanced R&D efforts, reflecting a broader strategic aim to strengthen India's

defense capabilities. The findings may lead to an action plan designed to improve the overall efficacy of the DPSUs in line with national defense objectives.

## **Geopolitics and Security Alliances**

### **Modi and Putin to Strengthen Ties Amidst Rising Global Tensions**



05-Dec-25

Russian President Vladimir Putin's recent two-day visit to India marks a significant step in deepening the historically strong ties between India and Russia, which have persisted for nearly eight decades despite shifting global dynamics. Prime Minister Narendra Modi hosted a private dinner for Putin, setting the stage for the 23rd India-Russia summit, where discussions centered on enhancing defense collaborations, insulating trade from external pressures, and exploring cooperation in small modular reactors. This summit comes at a critical time as relations between India and the U.S. are experiencing a downturn, highlighting the strategic importance of bolstering defense and economic partnerships with Russia. The Congress party emphasized that the origins of this partnership trace back to the Indo-Soviet alliance of the mid-1950s, with historical milestones such as technology transfers and joint ventures shaping contemporary ties. As both leaders prepare to seal several agreements, the outcomes of this summit will be closely scrutinized by Western capitals, further illustrating the geopolitical balancing act India seeks to maintain amidst rising global tensions.

### **Putin praises Modi's resilience against external pressures, highlighting India-Russia ties.**



05-Dec-25

During a recent Kremlin interview, Russian President Vladimir Putin commended Indian Prime Minister Narendra Modi for his steadfast leadership, emphasizing Modi's refusal to yield to external pressures, including from the United States. Putin highlighted the unique and multi-layered nature of India-Russia cooperation, asserting that their strategic alliance is not aimed at undermining any other nation, but rather focused on mutual national interests and global stability. He noted the importance of maintaining an open economic environment while dismissing protectionist policies, particularly those from the U.S. under President Trump. Putin's remarks underscored India's transformation into a significant global player

and reinforced the friendly and respectful ties between India and Russia, particularly in the context of evolving geopolitical dynamics. This interaction reflects both nations' commitment to advancing their partnership while addressing broader international challenges collaboratively, highlighting a pragmatic approach to diplomacy amidst shifting global power structures.

## India seeks enhanced Russian support for indigenous defense technologies.



05-Dec-25

Defence Minister Rajnath Singh communicated India's commitment to enhancing indigenous defence capabilities during a meeting with Russian counterpart Andrei Belousov, coinciding with President Vladimir Putin's state visit. The discussions, part of the 22nd India-Russia Inter-Governmental Commission on Military and Military Technical Cooperation, emphasized collaboration on niche technologies and upgrades of existing weapon systems, including the S-400 air defence system. Both nations reaffirmed their longstanding friendship and strategic partnership, with Russia expressing readiness to assist India in achieving self-reliance in defence production. Notable projects discussed included enhancements to BrahMos missiles and longer-range air-to-air missiles for India's Su-30 MKI and MiG-29 aircraft, underscoring significant advancements in bilateral military cooperation.

## Indian and Russian Defence Ministers Affirm Enduring Strategic Partnership



05-Dec-25

In a significant bilateral meeting, Indian Defence Minister Rajnath Singh and Russian Defence Minister Andrei Belousov co-chaired the 22nd session of the India-Russia Inter-Governmental Commission on Military and Military Technical Cooperation in New Delhi, emphasizing the enduring friendship and strategic partnership between the two nations. Both ministers affirmed their commitment to enhancing cooperation in niche defence technologies and reaffirmed Russia's support for India's goal of self-reliance in defence production under the Aatmanirbhar Bharat initiative. Belousov highlighted the importance of their military collaboration, which encompasses training, technology sharing, and strategic planning, while Singh expressed confidence in the resilience of their defence ties amid shifting geopolitical dynamics. The meeting concluded with the signing of a protocol to outline ongoing and prospective areas of cooperation, setting the stage for further discussions ahead of the

upcoming summit between Prime Minister Narendra Modi and President Vladimir Putin. This partnership is viewed as crucial not only for regional stability in South Asia but also for global security, reinforcing India's strategic autonomy in military modernization efforts.

## US Panel to Discuss India-US Ties and Indo-Pacific Strategy Amid Putin's Visit



05-Dec-25

A key US congressional panel is set to assess the India-US strategic partnership on December 10, focusing on India's defense modernization, military interoperability, and technology cooperation within the Indo-Pacific context. This hearing, convened by the House Foreign Affairs Committee's Subcommittee on South and Central Asia, underscores bipartisan support for India's role as a central player in US Indo-Pacific strategy. The meeting coincides with Russian President Vladimir Putin's visit to New Delhi, highlighting the geopolitical dynamics at play. As both nations intensify collaboration on critical technologies under the US-India Initiative on Critical and Emerging Technology, the hearing will further solidify long-term commitments to enhancing bilateral relations amidst evolving global challenges.

## Xi Jinping's PLA purges may weaken military effectiveness and regional stability.



05-Dec-25

Chinese President Xi Jinping's increasing control over the People's Liberation Army (PLA) is manifesting through significant purges, particularly within the Rocket Force, with the recent dismissal of nine top generals highlighting efforts to combat corruption and reinforce loyalty. While these internal upheavals may provide India with a temporary advantage along the Line of Actual Control by potentially limiting PLA assertiveness, they also expose critical vulnerabilities in China's military modernization efforts. This consolidation of power, however, risks creating a more ideologically rigid and less competent military force, which could pose long-term threats to regional stability and India's national security interests, as the prioritization of political reliability over operational effectiveness may lead to paranoia and decreased transparency within the PLA.



## Bangladeshi officials call for unity against India, raising regional tensions. SHARE

05-Dec-25

Retired Bangladeshi Army Colonel Abdul Haq has called for the unification of anti-India forces to capture Northeast India, echoing sentiments from other prominent figures in Bangladesh, including former General Abdullahil Aman Azmi. These statements reflect a growing trend of anti-India rhetoric among political and military leaders in Bangladesh, particularly from factions aligned with Jamaat-e-Islami and the Bangladesh Nationalist Party. Azmi's remarks further assert that peace in Bangladesh is contingent upon India's fragmentation, harkening back to historical grievances from the 1971 Liberation War. Such hostile declarations pose a significant challenge to regional stability and underscore the need for India to remain vigilant and proactive in its defense and diplomatic strategies.

## China asserts lawful naval actions in East China Sea, urges calm. SHARE

05-Dec-25

In a recent press conference, Chinese Foreign Ministry Spokesman Lin Jian asserted that the People's Liberation Army (PLA) Navy and China Coast Guard (CCG) operated lawfully in the East China Sea, urging other nations not to overreact or misinterpret these actions. His remarks coincided with French President Emmanuel Macron's state visit to China, where he and President Xi Jinping engaged in friendly exchanges and visited the Dujiangyan irrigation system, a UNESCO World Heritage Site. This visit underscores the deepening ties between France and China, as both nations commemorate the 60th anniversary of their diplomatic relations. The situation highlights ongoing regional tensions in the East China Sea and the significance of diplomatic dialogues in mitigating conflicts.

## Saudi General's India visit enhances defense ties, while junior visits Pakistan. SHARE

05-Dec-25

In a significant display of military diplomacy, General Fayyad Bin Hamed Al-Ruwaili, Chief of General Staff of the Royal Saudi Armed Forces, visited India to discuss bilateral defense engagement, including military exercises and a prospective Military Logistics Support Agreement with Indian military leadership, notably Chief of Defence Staff General Anil Chauhan. This visit underscores the strengthening ties between India and

Saudi Arabia, marked by previous discussions on training cooperation and joint defense manufacturing. Simultaneously, Saudi Arabia's military leadership maintained relations with Pakistan, highlighting its balancing act in the region. These developments reflect the strategic dynamics in South Asia and the Middle East, where defense partnerships are increasingly pivotal for regional security and stability.

## Iran conducts missile launches in naval drill near Hormuz Strait. SHARE

05-Dec-25

Iran conducted a significant naval drill near the Strait of Hormuz, launching several types of missiles, including the Qadr-110, Qadr-380, and Ghadir cruise missiles, with ranges up to 2,000 kilometers. The drill, which follows the recent conflict with Israel, seeks to demonstrate Iran's preparedness to counter potential threats, particularly from Israeli forces. The paramilitary Revolutionary Guard executed the missile launches, emphasizing Iran's strategic role in the vital maritime corridor where 20% of global oil trade transits. This display of military capability underscores the increasing tensions in the region and highlights the critical importance of maintaining open waterways, prompting ongoing U.S. naval presence to ensure maritime security.

## India and Oman convene 14th Strategic Consultative Group meeting to enhance bilateral cooperation. SHARE

05-Dec-25

India and Oman held the 14th India-Oman Strategic Consultative Group (IOSCG) meeting on December 4, 2025, in Muscat, co-chaired by Secretary (CPV & OIA) Arun Kumar Chatterjee and Oman's Undersecretary for Political Affairs Sheikh Khalifa Alharthy. Marking 70 years of diplomatic ties, the discussions reviewed the multifaceted strategic partnership across political, defence, security, trade, investment, energy, agriculture, education, culture, and people-to-people domains, while addressing regional and global issues of mutual interest. With bilateral trade reaching USD 10.61 billion and a vibrant Indian expatriate community of around 675,000 in Oman serving as a key bridge, both sides agreed to host the next IOSCG in New Delhi in 2026, reinforcing India's strong foothold in the Indian Ocean region through deepened cooperation. This engagement underscores Oman's role as a reliable partner in India's strategic outreach.

## Putin outlines ambitious India-Russia collaboration in technology, energy, and defense.

 SHARE

05-Dec-25

In a recent interview, Russian President Vladimir Putin outlined a forward-looking agenda for India-Russia collaboration in key sectors, particularly focusing on technology, energy, space, and defense. He emphasized the significance of the Kudankulam Nuclear Power Plant as a symbol of robust nuclear partnership, underlining Russia's expertise in nuclear technology and its potential for smaller, modular reactors to power remote areas in India. Additionally, Putin identified artificial intelligence as a transformative field for future cooperation, highlighting the need for joint efforts to harness its benefits and address associated challenges. This deepening collaboration is poised to enhance both nations' economic and security landscapes in the coming decades, marking a vital evolution in their strategic relationship.

## US identifies India as essential AI ally against China's advancements.

 SHARE

05-Dec-25

On December 2, 2025, a US Senate Foreign Relations Subcommittee hearing spotlighted India as a vital democratic partner in the intensifying AI race against China's rapid military fusion of AI, including PLA deployments of surveillance and unmanned systems along India's borders. Key witnesses like Tarun Chhabra (Anthropic) and experts from CSIS and AEI urged deeper US-India coordination on AI standards, chip supply chains, and trusted frameworks, citing India's upcoming February 2026 AI summit as a pivotal venue. Senators Pete Ricketts and Chris Coons likened the contest to a "Sputnik moment" with China, emphasizing democratic tech stacks over Beijing's 2030 AI supremacy goal. From India's strategic lens, this bolsters border security, semiconductor self-reliance, and counters PLA AI threats amid deepening bilateral ties in cybersecurity and dual-use tech.

## US lawmakers call for sanctions against Pakistan's leaders over human rights abuses.

 SHARE

05-Dec-25

US lawmakers have urged immediate sanctions against Pakistan's Prime Minister Shehbaz Sharif and Army Chief General Asim Munir in response to escalating authoritarianism and human rights abuses in Pakistan. Their letter to Secretary of State Marco Rubio highlights

military overreach in governance, targeting of dissenters, and concerns about the integrity of the upcoming 2024 elections, which they claim are marred by manipulation. The lawmakers also demand the release of former Prime Minister Imran Khan and express alarm over civilians being tried in military courts, warning that such actions undermine democratic norms and regional stability. This significant escalation in international scrutiny reflects growing frustration with Pakistan's trajectory and its implications for US-Pakistan relations amid shifting geopolitical dynamics.

## Modi's unique airport welcome for Putin highlights India's strategic ties with Russia.

 SHARE

05-Dec-25

Prime Minister Narendra Modi's rare personal reception for Russian President Vladimir Putin at the airport underscores the significance India places on its strategic ties with Russia amid global tensions, particularly regarding sanctions on Russian oil imports. This gesture, reserved for only six world leaders in over eleven years, echoes India's commitment to maintaining robust defense and energy relations with Moscow despite Western pressures. The receptions of leaders like Barack Obama, Sheikh Hasina, and Shinzo Abe in the past reflect a pattern of reinforcing critical bilateral cooperation and strategic interests. Modi's welcoming act symbolizes India's dedication to fostering deep international partnerships essential for navigating the complex geopolitical landscape and emphasizes the importance of sustaining longstanding relationships in a rapidly evolving global environment.

## Naga tribes in Manipur alert PM about illegal migration threats.

 SHARE

05-Dec-25

On December 3, 2025, the Joint Tribes Council Manipur—representing Rongmei, Liangmai, Zeme, and Inpui Naga tribes—submitted a memorandum to Prime Minister Narendra Modi via Governor Ajay Kumar Bhalla, urging urgent action against unchecked illegal migration from Myanmar and NRC-impacted neighboring states. The tribes, concentrated in Tamenglong, Noney, and Kangpokpi districts, warn that influxes have spurred unregulated settlements along highways, fueling deforestation, opium poppy cultivation, and extortion by armed militants who tax vehicles and claim Naga ancestral lands while demanding separate administration. From an Indian strategic lens, this exacerbates Manipur's ethnic

volatility amid Kuki population surges (79,919 in 1951 to 448,214 in 2011), strains border security against Myanmar instability, and risks youth radicalization, political imbalance (Naga and Kuki MLAs now equal at 10 each), and narco-terror networks undermining northeastern sovereignty.

## Major General Roman Gofman appointed as new head of Mossad. SHARE

05-Dec-25

Major General Roman Gofman has been appointed as the new head of Mossad, succeeding David Barnea, whose term ends in June 2026. Gofman, who has a military background and was seriously injured during clashes with Hamas, is seen as part of Prime Minister Netanyahu's strategy to align intelligence leadership with his nationalist and religious Zionist inclinations. While some critics question Gofman's lack of intelligence experience, his military merit and recent contributions, particularly in operational successes against Hezbollah and Iranian forces, have been highlighted. His appointment comes during a period of heightened security challenges for Israel, placing him under scrutiny as he navigates complex geopolitical dynamics and internal political pressures.

## India Sends 63,734 Vaccine Doses to Support Afghan Health Needs SHARE

05-Dec-25

India has demonstrated its commitment to humanitarian assistance in Afghanistan by delivering 63,734 doses of influenza and meningitis vaccines, part of a larger effort that includes 73 tonnes of vital medicines and food supplies sent in response to a recent earthquake. External Affairs Minister S. Jaishankar reaffirmed India's solidarity with the Afghan people during discussions with Afghan counterpart Amir Khan Muttaqi, emphasizing ongoing support amid regional challenges. This aid is crucial for addressing immediate healthcare needs and further solidifies India's role as a vital partner in Afghan recovery efforts. The consistent humanitarian engagement underscores India's strategic objective of fostering regional stability and goodwill through sustained cooperation with Afghanistan.

## India and Netherlands Enhance Bilateral Ties in 13th Consultations SHARE

05-Dec-25

India and the Netherlands held their 13th Foreign Office Consultations on December 4, 2025, in New Delhi, led by India's Secretary (West) Sibi George and Dutch

Secretary General Christiaan Rebergen, to bolster bilateral ties vital for India's strategic growth. Discussions emphasized deepening cooperation in critical technologies like semiconductors and artificial intelligence, alongside defense, security, green hydrogen, shipping, science, and the Water, Agriculture, and Health agenda, building on high-level meetings such as Prime Minister Narendra Modi's recent G20 Summit interaction with Dutch PM Dick Schoof. Both nations highlighted the Netherlands' role as India's key European economic partner, noting rising trade and investments, and urged swift conclusion of the India-EU Free Trade Agreement by year-end as directed earlier. India reaffirmed its zero-tolerance stance on terrorism amid talks on global issues, while valuing people-to-people links through the Indian diaspora in the Netherlands. The consultations agreed to regular future rounds to sustain momentum in this multifaceted partnership.

## Russia's Rosatom supplies nuclear fuel for Kudankulam's third reactor, enhancing India-Russia energy cooperation. SHARE

05-Dec-25

Russia's Rosatom delivered the first nuclear fuel consignment on December 4, 2025, for initial loading of Kudankulam's 1,000 MW Unit 3 reactor in Tamil Nadu, coinciding with President Vladimir Putin's two-day visit to New Delhi for talks with PM Narendra Modi. This shipment from Novosibirsk Chemical Concentrates Plant, via Rosatom's TVEL division, kicks off seven flights under a 2024 contract ensuring lifetime fuel for Units 3 and 4, advancing the 6,000 MW six-unit complex —India's largest. Russian-Indian engineers have boosted Units 1-2 efficiency with TVS-2M fuel, extending cycles to 18 months since 2022. From India's strategic lens, this fortifies energy security amid global supply volatility, deepens Moscow ties against Western sanctions, and counters China-Pakistan nuclear pacts, positioning Indo-Russian collaboration as a bulwark for self-reliant clean power by 2026-27 commissioning.

## Military Operations

## India-Maldives joint military exercise enhances counter-terrorism capabilities in diverse terrains. SHARE

05-Dec-25

The Indian Army and the Maldives National Defence Force (MNDF) have commenced the 14th edition of the

joint military exercise Ekuverin in Thiruvananthapuram, Kerala, from December 2 to 15. This exercise focuses on Counter-Insurgency and Counter-Terrorism operations across jungle, semi-urban, and coastal terrains, underlining the strategic partnership between India and Maldives in the Indian Ocean Region. With a contingent of 45 personnel from each nation, the exercise aims to enhance interoperability through niche technology and best practices, thereby deepening defense cooperation, camaraderie, and mutual trust. This initiative reflects a shared commitment to regional peace and security, reinforcing India's role as a stabilizing force in neighboring countries.

### **IAF's IL-76MD fleet grounded due to engine delays, prompting fleet diversification.**



05-Dec-25

The Indian Air Force's IL-76MD fleet has faced significant operational challenges, with two aircraft grounded since 2022 due to engine shortages and delays in Russian support, thereby reducing heavy-lift capacity. This situation has prompted the IAF to rely on fewer operational airframes, highlighting a broader issue of dependence on aging Russian aircraft amid ongoing geopolitical tensions. To mitigate this, the Air Force is augmenting its capabilities with new aircraft, including the C-295MW transport planes and C-17 Globemasters, reflecting a strategic shift towards diversifying its fleet and reducing reliance on outdated assets. The grounding of these aircraft impacts India's strategic airlift power, crucial for rapid deployments along the Line of Actual Control and operations in the Indian Ocean Region.

### **IAF seeks AAI support to extend operational hours at Darbhanga airport.**



05-Dec-25

The Indian Air Force (IAF) has expressed its readiness to extend operational hours at Darbhanga airport, currently limited to 9 am to 5 pm, contingent on the Airports Authority of India (AAI) deploying essential operational staff. To facilitate increased civil flights between 5 pm and 10 pm, the IAF requires a complete team of personnel, including firefighters and air traffic controllers, and is willing to provide local training. Additionally, the IAF has urged the expedited completion of critical infrastructure improvements to enhance night landing capabilities and low visibility operations, emphasizing the need for further installation of approach lights. This initiative

underscores the IAF's commitment to enhancing regional connectivity and operational readiness, which is vital for both civilian aviation and national security.

### **IAF strengthens capabilities in Arunachal Pradesh for effective defense against China.**



05-Dec-25

The Indian Air Force (IAF) is enhancing its operational capabilities along the Eastern sector, particularly in Arunachal Pradesh, through the upgrading of Advance Landing Grounds (ALGs) and strategic infrastructure. Recent incidents, including a clash with Chinese forces, underscore the urgency of these enhancements, as past military analyses suggest that effective IAF air support could have altered the outcome of the 1962 Sino-Indian War. The ongoing construction of the Arunachal Frontier Highway, positioned near the Line of Actual Control, further bolsters India's defensive posture against potential Chinese aggression. Additionally, the resilience of Arunachal Pradesh's citizens, exemplified by their unwavering patriotism, reinforces the importance of national unity in addressing security challenges.

## **Cybersecurity and Information Warfare**

### **North Korea enhances cyber tactics by merging intelligence and psychological warfare.**



05-Dec-25

North Korea is reportedly enhancing its intelligence capabilities by merging human intelligence, cyber operations, and psychological warfare within its Reconnaissance Information General Bureau. This strategic shift allows for more coordinated and efficient targeting, with notable operations like fake job recruitment campaigns that lure professionals into malware traps aiming at global developer networks. The Lazarus Group, linked to North Korea, has escalated its tactics to compromise software supply chains, posing significant risks to cybersecurity. These developments indicate a concerning trend in North Korea's approach to cyber operations, which could impact regional security, particularly for countries like Japan and South Korea, and necessitate heightened vigilance from global stakeholders.



## Russian Porsche owners vandalize cars after mysterious electronic failures.



05-Dec-25

Russian Porsche owners are facing a crisis as numerous vehicles, particularly Cayennes and Panameras manufactured since 2013, have reportedly become inoperable due to suspected electronic warfare interference. Complaints of cars locking up and refusing to start have led frustrated owners to attempt various DIY solutions, including disabling GPS antennas. The issue is linked to the vehicles' Vehicle Tracking System (VTS), which has raised concerns about potential tampering. The situation has prompted Porsche's official representative in Russia to confirm the existence of these problems, with service centers overwhelmed by the number of affected cars, further highlighting the broader implications of electronic warfare on civilian technology and infrastructure.

### Mil Personnel & Veterans

## Lt Col C Dwarakesh, India's first blind officer, receives national honor for resilience.



05-Dec-25

Lieutenant Colonel C. Dwarakesh has made history as India's first blind active-duty army officer, recently awarded the National Award for Persons with Disabilities, 2025, for his remarkable resilience and contributions to the armed forces. Despite losing his eyesight in a 2014 accident, Dwarakesh has excelled in both military duties and para-sports, becoming a national champion in swimming and shooting, and currently ranks world no. 3 in the 10m Air Rifle event. His achievements not only highlight the potential for inclusivity within the Indian Armed Forces but also serve as an inspiration for individuals facing disabilities, emphasizing the importance of perseverance and technological assistance in overcoming personal adversity.

## Supreme Court champions IAF SSC women officers' right to permanent commission.



05-Dec-25

The Supreme Court of India expressed pride in the contributions of Short Service Commission (SSC) women officers in the Indian Air Force while hearing arguments regarding their denial of permanent

commissions. Senior advocate Maneka Guruswamy highlighted potential discrimination, particularly against officers who were on maternity leave yet met the criteria for permanent commission eligibility. The Court emphasized the need for a fair evaluation process and acknowledged the demanding nature of SSC roles, suggesting that permanent commission would address uncertainties in their careers. This ongoing legal discourse reflects broader issues of gender equality and the integration of women in the armed forces, aiming to ensure equal opportunities and recognition for their service.

### Miscellaneous

## UK invests £3.1 million in mobile quantum MEG scanner for military health.



05-Dec-25

The UK Ministry of Defence has allocated over £3.1 million for the development of the world's first fully mobile quantum magnetoencephalography (MEG) scanner, aimed at assessing the neurological effects of blast exposure on military personnel. Set to be operational by March 2026, this innovative system will facilitate rapid brain scans at firing ranges and rehabilitation centres, enhancing the safety and health protocols for troops. This advancement, spearheaded by Cerca Magnetics in collaboration with notable institutions, underscores the integration of quantum technology in military health strategies. From an Indian perspective, such developments reflect the global trend toward sophisticated defense technologies and emphasize the importance of safeguarding troop welfare in high-intensity operations, with potential applications for enhancing personnel resilience in diverse conflict scenarios.

## Army Chief General Dwivedi meets President Murmu to discuss national security and defense strategies.



05-Dec-25

Indian Army Chief General Upendra Dwivedi met with President Droupadi Murmu at the Rashtrapati Bhavan, as confirmed by the President's office through a social media post. This meeting underscores the collaborative relationship between the military leadership and the nation's highest constitutional authority, reflecting the importance of strategic dialogue in maintaining national security. Such engagements are crucial for aligning defense policies with the government's vision and addressing emerging geopolitical challenges. The

meeting signifies the ongoing commitment of India's leadership to ensure the country's defense readiness defense forces to work closely with the political and stability in a complex regional landscape.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
DRONACHRYA	38.0	40.2	37.31	40.2	499000	9.99	30.93	53.34	71.28
SWANDEF	1142.2	1142.2	1142.2	1142.2	2104	5.0	100.0	747.47	117.76
ASTRAMICRO	889.7	914.0	876.1	908.35	288351	2.53	33.78	968.87	946.98
ADANIENT	2217.9	2268.6	2202.9	2265.4	2400781	2.14	38.92	2359.21	2415.68
LT	3999.0	4048.0	3975.1	4038.2	1073758	1.37	57.81	4014.03	3588.18
GOODLUCK	1128.1	1154.0	1122.1	1141.6	41104	1.3	44.02	1156.1	999.19
ZENTEC	1393.9	1425.0	1376.5	1388.7	1309629	1.02	47.73	1398.99	1540.16
BHARATFORG	1394.4	1408.3	1385.7	1406.0	483518	0.84	57.45	1407.96	1212.51
AXISCADES	1324.3	1371.5	1321.0	1352.8	35328	0.66	36.49	1440.36	1217.7
SIKA	895.0	904.9	872.35	899.0	17514	0.42	20.51	1007.47	1001.17
CFF	610.0	614.0	602.2	607.0	16400	0.41	37.94	632.49	581.67
COCHINSHIP	1645.2	1652.0	1623.0	1644.0	399327	0.22	37.06	1693.49	1718.14
BEL	409.0	410.7	405.35	406.9	11774958	-0.06	44.7	416.3	367.2
LMW	14954.0	15167.0	14888.0	15044.0	1444	-0.21	43.7	15305.75	15607.55
HBLPOWER	811.05	832.6	798.85	807.6	2038877	-0.32	31.99	924.9	676.11
HIGHENE	570.1	579.0	560.0	569.6	3522	-0.35	39.97	592.93	604.97
PTC	157.05	157.49	155.28	156.48	433979	-0.41	33.13	161.66	171.69
AZAD	1633.0	1640.0	1608.3	1626.8	100297	-0.5	45.78	1650.79	1571.3
TANEJAERO	308.0	316.95	308.0	312.0	6589	-0.64	37.31	326.26	363.79
ROSSELLIND	56.5	57.27	55.3	55.91	11419	-0.87	35.27	58.59	65.98
SOLARINDS	12936.0	12951.0	12701.0	12819.0	50887	-0.94	34.06	13499.25	13680.75
MAZDOCK	2649.9	2671.8	2601.0	2616.3	669126	-0.94	37.55	2713.63	2832.8
NIBE	1024.15	1024.15	985.0	995.5	5906	-0.96	28.25	1102.07	1344.37
KRISHNADEF	763.95	763.95	736.05	741.7	13500	-0.97	35.31	789.96	784.61
BDL	1537.0	1537.6	1497.1	1512.5	1483241	-1.01	49.15	1524.52	1547.64
PREMEXPLN	536.7	537.0	527.65	529.45	111264	-1.03	37.12	556.41	506.47
JYOTICNC	960.0	967.1	940.0	950.5	183515	-1.16	45.78	984.2	1015.5
HAL	4519.0	4544.3	4430.0	4443.0	1473356	-1.2	38.04	4619.3	4509.89
LOKESHMACH	154.89	154.89	147.46	148.76	47873	-1.23	32.34	166.3	182.87
DYNAMATECH	8593.5	8650.0	8360.5	8478.5	18218	-1.34	43.65	9179.2	7078.74
APOLLO	267.0	270.1	260.0	261.9	2017630	-1.52	41.79	272.65	203.84
MIDHANI	316.55	318.45	309.35	311.95	219296	-1.59	24.81	344.53	362.45
IDEAFORGE	455.05	457.8	442.5	445.35	129027	-1.65	36.51	468.05	471.61
DCXINDIA	173.5	174.0	169.8	170.28	438437	-1.93	21.7	192.02	258.23
PARAS	703.6	709.35	686.35	690.1	469153	-1.96	42.08	717.39	675.59
MARINE	212.15	212.7	206.01	207.12	216556	-2.03	33.56	233.29	199.16
AVANTEL	149.99	151.5	147.2	147.99	682168	-2.11	33.63	157.14	146.6
RTNINDIA	41.95	41.99	40.79	41.01	1451319	-2.24	21.24	44.83	50.55
CENTUM	2267.4	2282.7	2200.1	2210.9	11513	-2.49	31.06	2401.1	2186.92
RELINFRA	157.5	159.7	154.0	154.71	618102	-2.62	32.1	169.01	272.25
TEMBO	722.5	722.8	700.05	704.3	50593	-3.0	47.34	757.32	557.39
BEML	1771.5	1779.8	1698.6	1710.3	331592	-3.12	22.41	1894.86	1898.52
GRSE	2555.0	2574.7	2463.0	2470.9	1223554	-3.14	34.23	2746.44	2387.79
WALCHANNAG	163.5	165.75	157.65	158.5	254570	-3.58	43.0	162.32	190.76
SUNITATOOL	855.0	855.0	816.0	816.0	5000	-3.83	46.21	837.01	778.36
URAVIDEF	179.0	179.0	166.79	167.87	4351	-4.39	15.75	197.95	394.57
DATAPAT'NS	2897.1	2931.6	2744.0	2766.3	439407	-4.51	39.91	2941.38	2503.97
TECHERA	226.0	228.75	213.2	213.95	50400	-4.66	33.79	240.88	196.13
MACPOWER	1002.45	1002.45	920.0	945.3	26218	-5.23	53.81	932.94	876.66
MTARTECH	2525.7	2525.7	2341.1	2383.9	394219	-5.33	44.69	2551.58	1698.77