

Top Gainers

| Stock      | Close   | Prev    | Change |
|------------|---------|---------|--------|
| PREMEXPLN  | 516.0   | 470.1   | +9.76% |
| HBLPOWER   | 695.0   | 670.8   | +3.61% |
| KRISHNADEF | 734.15  | 710.25  | +3.37% |
| BDL        | 1260.95 | 1227.0  | +2.77% |
| ZENTEC     | 2167.95 | 2116.45 | +2.43% |

Top Losers

| Stock      | Close   | Prev     | Change |
|------------|---------|----------|--------|
| SIKA       | 2688.55 | 2794.0   | -3.77% |
| GRSE       | 1720.3  | 1770.15  | -2.82% |
| SOLARINDS  | 10396.7 | 10668.75 | -2.55% |
| COCHINSHIP | 1606.35 | 1647.4   | -2.49% |
| PTC        | 166.58  | 170.72   | -2.43% |

Defense Business and Industry

CCS Approves 100 K-9 Vajra Howitzers and 12 Su-30 MKIs



13-Dec-24

The Cabinet Committee on Security (CCS) has approved two significant defense projects under the Make in India initiative, valued at approximately ₹20,000 crore. This includes a repeat order for 100 K-9 Vajra self-propelled howitzers, to be manufactured by Larsen & Toubro at its Hazira facility, highlighting the artillery's successful deployment in various terrains, particularly in Ladakh amid tensions with China. Additionally, a contract for 12 Su-30 MKI fighter jets has been cleared, which will be produced by Hindustan Aeronautics Limited (HAL) in Nashik, enhancing the indigenous content and replenishing the aging fleet. These projects not only bolster India's defense capabilities but also stimulate growth in the defense manufacturing sector, particularly benefiting small and medium enterprises in the supply chain. Overall, these developments underline India's commitment to enhancing self-reliance in defense manufacturing while addressing strategic operational needs.

India's Zorawar Light Tank: A Game-Changer for High-Altitude Warfare



13-Dec-24

India's indigenous Zorawar Light Tank (ILT) has made significant strides in enhancing the Indian Army's combat capabilities, particularly along its border with China. Weighing only 25 tons, the Zorawar is designed for high-altitude operations, equipped with advanced

features including a 105mm main gun, amphibious capabilities, and cutting-edge technologies like AI and thermal imaging for improved targeting. Recent successful trials, including high-altitude firing at over 4,200 meters, have demonstrated the tank's precision and reliability in challenging terrains, marking a critical advancement in the project initiated by the Defence Research and Development Organisation (DRDO) and Larsen & Toubro. The Indian Army plans to induct at least 350 units of this versatile light tank, which is strategically developed to counter China's deployment of similar tank models. The Zorawar's lightweight design facilitates air transport and deployment in remote areas, and its operational roles include engaging infantry and limited artillery support, thereby ensuring a robust response to evolving military dynamics in the region. Overall, the Zorawar represents a significant leap forward for India's defense capabilities, reflecting the country's commitment to self-reliance and modernization in its military assets.

Steel Cutting for India's 2nd Fleet Support Ship Boosts Self-Reliance



13-Dec-24

The Indian Ministry of Defence has initiated the construction of five Fleet Support Ships (FSS), with a significant contract worth approximately \$2.3 billion awarded to Hindustan Shipyard Limited (HSL) in August 2023. The steel cutting ceremony for the second FSS took place at L&T Shipyard, showcasing a collaboration between public and private sectors to enhance India's shipbuilding capacity. These FSS, designed to extend the operational capabilities of the Indian Navy through replenishment at sea, are expected to be vital for humanitarian aid and disaster relief operations. With an indigenous design and most components sourced from domestic manufacturers, the project aligns with India's

Aatmanirbhar Bharat and Make in India initiatives, promoting local industry and creating substantial employment opportunities. This move significantly strengthens India's blue water capabilities in the Indian Ocean region, addressing rising maritime responsibilities.

## IAF's Su-30MKI Fleet to Receive Advanced Missile Warning System SHARE

13-Dec-24

The Indian Air Force's Su-30MKI fleet is set to receive a significant upgrade with the introduction of the Dual Colour Missile Approach Warning System (DC-MAWS), developed by the DRDO. This advanced system enhances the aircraft's defensive capabilities by providing precise missile threat detection across the mid-infrared spectrum, drastically reducing false alarms and improving pilot situational awareness. With comprehensive 360-degree coverage and advanced threat discrimination features, the DC-MAWS enables effective tracking of various missile types, allowing pilots to make well-informed evasive maneuvers. This upgrade not only addresses critical gaps in the IAF's defensive systems but also reinforces India's commitment to enhancing its aerial combat readiness.

## India Celebrates Successful SFDR Missile System Test SHARE

13-Dec-24

India has achieved a significant milestone with the successful final test of the Solid Fuel Ducted Ramjet (SFDR) missile system, developed by the Defence Research and Development Organisation (DRDO). This cutting-edge technology enhances India's long-range air-to-air missile capabilities, demonstrating flawless performance and validating its propulsion, guidance, and aerodynamic design. The SFDR system's ability to utilize atmospheric oxygen for combustion allows for lighter, more efficient missile designs with extended range and speed, crucial for countering advanced aerial threats. With integration into missile platforms on the horizon, India is poised to join the ranks of nations with advanced missile technologies, further strengthening its defense capabilities.

## Bangladesh Air Force Seeks J-10C Jets for Fleet Modernization SHARE

13-Dec-24

The Bangladesh Air Force (BAF) is actively seeking to modernize its fleet, focusing on acquiring 16 Chinese Chengdu J-10C multirole fighter jets to replace its aging F-7MB aircraft. This initiative, underscored by the need

for enhanced offensive and defensive capabilities, also includes plans for procuring attack helicopters for close air support and reconnaissance. While the J-10C's advanced features promise to significantly boost BAF's combat readiness, challenges such as operational integration, pilot training, and budget considerations remain crucial. This modernization effort reflects Bangladesh's commitment to maintaining a robust defense posture in a geopolitically sensitive region, emphasizing the importance of air superiority.

## IAF Fast-Tracks CATS Warrior UCAV to Boost Combat Readiness SHARE

13-Dec-24

The Indian Air Force (IAF) is fast-tracking its Loyal Wingman program, primarily the CATS Warrior unmanned combat aerial vehicle (UCAV), to address declining squadron levels and enhance aerial combat capabilities. Developed by Hindustan Aeronautics Limited (HAL) in collaboration with NewSpace Research and Technologies, this program aims to integrate unmanned systems with manned platforms like the Tejas fighter jet. With a projected procurement of 200 to 250 units, the CATS Warrior will serve varied mission roles, enhancing operational reach and mission flexibility. This initiative represents a strategic shift towards a modernized force structure, ensuring the IAF remains competitive in future conflicts with advanced unmanned technologies.

## Indian Navy to Enhance IOR Surveillance with MQ-9B Drones SHARE

13-Dec-24

The Indian Navy plans to procure 15 MQ-9B Sea Guardian drones, enhancing its maritime surveillance capabilities in the Indian Ocean Region (IOR) and complementing its fleet of P-8I Neptune aircraft. While the MQ-9B costs \$100 million per unit, its operational cost per flying hour is significantly lower at \$7,050 compared to the P-8I's \$42,300, allowing for cost-effective, persistent surveillance amidst increased Chinese naval presence. This strategic acquisition will enable the Navy to optimize resource allocation, reserving the P-8I for critical missions while deploying the more efficient MQ-9B for routine operations, thereby maintaining robust maritime domain awareness and readiness against evolving threats.

## India to Build Indigenous Nuclear Submarines by 2029 [SHARE](#)

13-Dec-24

India is set to enhance its naval capabilities by beginning the construction of two indigenous nuclear-powered attack submarines (SSNs) by 2029 at a new facility in Visakhapatnam. The program, which introduces advanced technology such as a 190 MWe Pressurized Water Reactor, will significantly improve the operational efficiency of the Indian Navy, allowing it to conduct offensive missions in contested maritime zones. Expected to take at least seven years for initial trials and potentially entering service around 2036, this project marks a critical advancement beyond India's existing ballistic missile submarines, reinforcing its strategic positioning in the Indian Ocean Region amidst evolving geopolitical dynamics.

## German Firm Proposes Submarine Manufacturing Hub in India [SHARE](#)

13-Dec-24

Germany's Thyssenkrupp Marine Systems (TKMS) is vying for India's P75I contract to manufacture six diesel-electric submarines and proposes creating a cost-effective warship building hub in India, potentially reducing production costs by up to 50%. The collaboration with Mazagon Dockyards Limited (MDL) aims to enhance technological capabilities and generate jobs, leveraging Germany's support to tap into growing military demands post-Russia-Ukraine conflict. TKMS highlights opportunities for joint exports to Southeast Asia and South America, positioning itself as a strategic partner for India in expanding its naval capabilities and defense manufacturing sector, crucial for enhancing regional security and self-reliance in defense.

## IIITH Student Boosts Indian Navy's Drone Detection with New Tech [SHARE](#)

13-Dec-24

A third-year engineering student from IIITH has developed an optical flow tracking algorithm that enhances the Indian Navy's ability to detect drones, aircraft, and helicopters, earning recognition and potential integration into Navy systems. The algorithm demonstrates resilience in challenging conditions, which is crucial for operational efficacy. Additionally, TKMS is looking to leverage the P75I submarine contract to establish a larger Indian shipbuilding hub, anticipating a 50% cost reduction. The Indian Air Force is fast-tracking the CATS Warrior program, aiming to procure 200-250 loyal wingman drones, further

strengthening India's defense capabilities. These developments underscore the importance of innovation in national security and the Indian defense ecosystem's growth.

## IAF Plans to Acquire 6 AMCA Squadrons, Eyes 300 Units by 2045 [SHARE](#)

13-Dec-24

The Indian Air Force (IAF) is set to acquire two squadrons of the AMCA MkI and four squadrons of the AMCA MkII, with long-term plans for a fleet of 300 units by 2045. The ambitious AMCA program, aimed at bolstering indigenous defense capabilities, will replace aging aircraft like the Su-30MKI and enhance air combat proficiency with advanced features such as stealth, supercruise, and future upgrades like Directed Energy Weapons. The Aeronautical Development Agency (ADA) is also considering an unmanned variant of the AMCA, showcasing India's commitment to self-reliance in aerospace technology and modern warfare strategies.

## ADA Develops Dual TEDBF Variants for Navy's Future Flexibility [SHARE](#)

13-Dec-24

The Aeronautical Development Agency (ADA) is developing two variants of the Twin Engine Deck-Based Fighter (TEDBF) for the Indian Navy, optimized for both STOBAR and CATOBAR operations. This strategic move ensures operational flexibility and future-proofing as the Navy considers transitioning to CATOBAR for upcoming carriers like IAC-3. Additionally, the Indian Air Force aims to acquire two and four squadrons of the Advanced Medium Combat Aircraft (AMCA) MkI and MkII initially, with a long-term target of 300 units by 2045. This emphasizes India's commitment to self-reliance in defense technology, reinforcing its capability to counter regional threats effectively.

## US Tests Hypersonic Missile, Highlighting Need for India's Capabilities [SHARE](#)

13-Dec-24

The U.S. Army and Navy have successfully tested a conventional hypersonic missile, marking a significant milestone for their advanced weapon systems. This end-to-end flight test demonstrated the Common Hypersonic Glide Body's capabilities, supporting the Army's operational deployment and Navy's sea-based fielding. The hypersonic weapon, flying at speeds over Mach 5, promises unmatched speed, range, and maneuverability, crucial for precision targeting in contested environments. The collaboration between the

Army and Navy aims to expedite the development timeline and enhance joint warfighting capabilities, ensuring the U.S. maintains a decisive advantage amid emerging threats.

## India Enhances Nepal's Defense with Drone Donation for Training SHARE

13-Dec-24

India has enhanced its defense cooperation with Nepal by donating target practice drones during a military engagement in New Delhi, aimed at modernizing the Nepali Army's training capabilities. This gesture, part of a broader strategy to strengthen bilateral ties and improve Nepal's military infrastructure, coincided with discussions between army leaders focused on mutual interests. The drones offer a safe and cost-effective method for live-fire training, while India also committed to providing advanced medical equipment to bolster Nepali field hospitals. This initiative not only fosters goodwill but also contributes to regional stability, ensuring that Nepal maintains security amid evolving geopolitical dynamics.

## India Boosts Naval Power with INS Varsha Nuclear Submarine Base SHARE

13-Dec-24

India is set to enhance its naval capabilities with the nearing completion of INS Varsha, an underground base for nuclear submarines located near Rambilli, Andhra Pradesh. Expected to be operational within two years, this facility will accommodate over 12 nuclear-powered submarines, bolstering India's nuclear deterrence and second-strike capabilities. The strategic positioning of INS Varsha enhances operational secrecy and contributes to India's defense doctrine while fostering stronger ties with Quad partners in the Indo-Pacific. As India modernizes its naval infrastructure, INS Varsha emerges as a critical asset for regional stability, enabling power projection against rising Chinese naval activities and reinforcing its commitment to self-reliance in defense.

## INS Tamal: India's New Stealth Frigate to Arrive in 2025 SHARE

13-Dec-24

INS Tamal, an upgraded Krivak-III class frigate, is set for delivery to the Indian Navy in 2025 as part of a \$2.5 billion deal with Russia for four stealth frigates. This development enhances India's naval capabilities in the Indian Ocean Region and showcases the strategic partnership with Russia. The frigate features advanced armament, including a 76mm Super Rapid Gun Mount,

Indigenous Triple Torpedo Launchers, and missile systems like BrahMos and Shtil, while 26% of its components are sourced from Indian manufacturers. Designed for blue water operations, INS Tamal exemplifies the integration of Russian technology with Indian systems, reinforcing India's maritime defense strategy.

## Indian Navy Boosts National Security and Economic Growth SHARE

13-Dec-24

The Indian Navy is significantly enhancing national security while driving economic growth through initiatives like the Naval Innovation and Indigenisation Organisation (NIIO) and the Technology Development Acceleration Cell (TDAC), which foster collaboration with start-ups and MSMEs. Key advancements include the integration of AI for improved situational awareness, the development of unmanned systems for surveillance, and enhanced cybersecurity measures. These efforts underscore the Navy's commitment to modernizing its capabilities and operational efficiency. The collaborative ecosystem, exemplified by events such as Swavlamban 2024, is crucial for translating innovative ideas into effective defense solutions, positioning the Indian Navy as a leader in naval innovation and technology.

## India and Thailand to Collaborate on Military Hardware Production SHARE

13-Dec-24

India and Thailand are advancing their defense cooperation by exploring co-production and co-development of military hardware, led by Indian Defence Ministry officials and Thai military leaders. This initiative, part of India's "Act East" policy, aims to strengthen bilateral ties and address shared security challenges such as human trafficking and unregulated fishing. The longstanding relationship, formalized by a 2012 MoU, is further bolstered by joint military exercises like the recent MAITREE exercise. This collaboration not only enhances mutual threat perceptions but also positions both nations as strategic partners in the Indo-Pacific region, reflecting a commitment to regional stability and security.

## India's \$6B submarine project faces delays amid sea test issues SHARE

13-Dec-24

India's \$6 billion submarine building plan has encountered delays due to contractor complaints regarding procedures during recent sea tests, pushing



back the timeline for bolstering the navy's capabilities amid China's expanding presence in the Indian Ocean. This setback highlights the challenges of Prime Minister Modi's defense acquisition policy aimed at enhancing domestic manufacturing and technology transfer. With half of India's submarine fleet aging, the project is crucial for modernizing its naval strength and reducing reliance on imports. Furthermore, strengthening ties with Western allies and increasing defense exports could position India as a competitive low-cost manufacturing hub for military hardware in a changing geopolitical landscape.

## UK, Italy, and Japan Unite for Next-Gen Fighter Jet Development SHARE

13-Dec-24

UK, Italy, and Japan are collaborating to develop a next-generation fighter jet, forming a joint venture among BAE Systems, Leonardo, and Japan Aircraft Industrial Enhancement. The aircraft will feature supersonic capabilities and advanced technology, including a digital cockpit utilizing virtual reality for enhanced pilot experience, with a planned launch by 2035. The headquarters will be in the UK, yet operations will occur in all partner nations, fostering job creation and technological innovation. This collaboration illustrates a significant commitment to trilateral defense cooperation, which is essential for maintaining technological parity and strategic advantage in an increasingly competitive global military landscape.

## Defense Policy and Budgeting

### Ukraine's procurement reforms boost NATO integration efforts SHARE

13-Dec-24

Ukraine's newly established state procurement agency, DOT, aims to reform military supply chains and tackle corruption as part of its NATO aspirations, successfully contracting 95% of required nonlethal goods and saving 25% in costs. Despite challenges from entrenched bureaucratic practices and previous corruption scandals, the agency's digital system, DOT-Chain, promises to enhance efficiency. Ukrainian leaders stress the importance of eliminating the outdated Soviet-era procurement methods and fostering transparency to gain NATO support. The mixed results highlight the difficulty of merging innovative practices with a rigid institutional culture, essential for Ukraine's defensive capabilities against Russia and integration into Western security frameworks.

## Geopolitics and Security Alliances

### India Seeks Terror-Free Ties With Pakistan, Says Jaishankar SHARE

13-Dec-24

India aims to foster positive relations with Pakistan, contingent upon the latter's commitment to eliminating terrorism, as stated by External Affairs Minister S. Jaishankar. He emphasized that any improvement hinges on Pakistan demonstrating a shift from its past behaviors, particularly following the suspension of trade ties after the abrogation of Article 370 in 2019. The minister underscored that the responsibility lies with Pakistan to initiate change, indicating that a lack of progress would have consequences for bilateral relations. This stance reflects India's broader strategy of seeking cooperation while firmly addressing security concerns, reinforcing its position in regional geopolitics.

### India, Iran, and Armenia Strengthen Ties in Trilateral Meet SHARE

13-Dec-24

The second India-Iran-Armenia trilateral consultation took place in New Delhi, focusing on enhancing connectivity, trade, tourism, and cultural exchanges among the nations. Led by Indian Joint Secretary JP Singh, discussions highlighted the International North-South Transport Corridor (INSTC) and the strategic role of Chabahar Port in facilitating connectivity. Armenia presented its connectivity initiative, "The Crossroads of Peace," further emphasizing regional cooperation. The delegations reaffirmed their commitment to ongoing collaboration and agreed to convene the next round of consultations in Iran. This trilateral engagement underscores India's strategic outreach in the region, promoting stability and economic ties amidst evolving geopolitical dynamics.

### India Addresses Red Sea Vessel Attacks Impacting Trade SHARE

13-Dec-24

India is increasingly concerned about attacks on commercial vessels in the Red Sea, which threaten freedom of navigation and impact trade, particularly amid tensions related to the Israel-Iran conflict. The Indian government is actively engaging with regional countries to address these threats, while the Indian Navy has deployed under Operation Sankalp to ensure maritime security and protect Indian-flagged vessels. Since the operation's inception, the Navy has effectively

responded to over 24 incidents, safeguarding more than 350 lives and monitoring critical maritime routes, ensuring the safe transit of 91 lakh MT of cargo. India is also diversifying its energy sources to enhance energy security amid potential disruptions in the region.

## Nepal's Army Chief Meets Raksha Mantri to Enhance Defense Ties



13-Dec-24

Chief of Army Staff of Nepal, Gen Ashok Raj Sigdel, visited India from December 12-14, 2024, engaging in discussions with Raksha Mantri Rajnath Singh on strengthening bilateral defense cooperation. The talks emphasized training, joint exercises, and defense equipment supply, reflecting the robust ties between India and Nepal, aligned with India's Neighborhood First Policy. Gen Sigdel visited Indian defense industries, including Tata Advanced Systems and Bharat Forge, appreciating India's Atmanirbhar (self-reliance) initiatives. His visit culminated in Dehradun, where he reviewed the Passing Out Parade at the Indian Military Academy, which included the commissioning of two Nepali cadets, symbolizing the enduring military partnership and shared heritage between the two nations. This collaboration underscores the mutual commitment to defense and training, enhancing regional stability and security.

## PM Modi and UAE Deputy PM Discuss Historic India-Middle East Corridor



13-Dec-24

During the 4th India-UAE Strategic Dialogue in New Delhi, PM Modi and the UAE Deputy PM discussed the India-Middle East-Europe Corridor (IMEEC), highlighting it as a "historic initiative" for collaboration among the regions. The talks emphasized enhancing their Comprehensive Strategic Partnership, focusing on technology, energy, and cultural exchanges while underscoring a mutual commitment to peace and stability in West Asia. Modi expressed satisfaction with ongoing high-level exchanges, and the UAE Deputy PM provided insights into the region's geopolitical situation, aligning with India's interests in fostering long-term stability. This engagement reaffirms India's strategic positioning and proactive approach in a critical geopolitical landscape.

## Jaishankar Vows to Secure Release of Indian Fishermen from Pakistan



13-Dec-24

Union External Affairs Minister S Jaishankar assured Tamil Nadu Chief Minister MK Stalin of ongoing efforts to secure the release of 14 Indian fishermen detained by Pakistan, amidst humanitarian concerns raised by the Chief Minister. The fishermen, apprehended by the Pakistan Navy while fishing off Gujarat, have had their consular access delayed. Furthermore, Jaishankar also addressed the issue of Tamil Nadu fishermen frequently detained by the Sri Lankan Navy, highlighting ongoing diplomatic discussions to curb such incidents. This situation underscores the vulnerabilities faced by Indian fishermen in regional waters, necessitating robust diplomatic engagement to safeguard their rights and welfare.

## Kremlin Welcomes Trump's Critique of Ukraine's Russian Strikes



13-Dec-24

The Kremlin has expressed approval of U.S. President-elect Donald Trump's criticism of Ukrainian strikes utilizing U.S.-supplied missiles deep within Russian territory, indicating that his remarks align with Moscow's stance. Kremlin spokesperson Dmitry Peskov noted that Trump's comments reflect a shared perspective on the causes of escalating tensions. This development suggests a potential shift in U.S. policy toward Ukraine under Trump's administration, which could influence the balance of power in the ongoing conflict. It underscores the complexities in U.S.-Russia relations and the geopolitical implications for Ukraine amid its military actions.

## Beijing's Covert Military Drills Heighten Tensions Around Taiwan



13-Dec-24

Beijing has adopted a new tactic of conducting large-scale military drills around Taiwan without prior announcements, aimed at normalizing its military presence and signaling its readiness to act. This approach has raised alarm in Taiwan, which noted China's largest naval mobilization in decades, leading to heightened vigilance. Analysts suggest this strategy seeks to create confusion and reduce the likelihood of a U.S. intervention by asserting control over the First Island Chain. Taiwan's leadership remains firm in rejecting Beijing's claims, emphasizing that only its people can determine their future, amid fears that these drills might escalate into actual aggression.

## Taiwan's Defense Ministry: China's Military Threats Endanger Peace



13-Dec-24

Taiwan's Ministry of National Defence (MND) recently released a video emphasizing the threat posed by the Chinese military, highlighting the increased military incursions near Taiwan. The MND asserted that the People's Liberation Army (PLA) has escalated its coercive actions, jeopardizing regional peace and undermining the rules-based international order. The video showcases Taiwan's defense capabilities and commitment to national security, underscoring rigorous training to deter potential aggression. Amidst Taiwan's longstanding sovereignty dispute, the MND's proactive stance reflects its determination to maintain independence and strengthen defense readiness, with the support of its populace against China's reunification ambitions.

### Military Operations

## Pakistan Drone Activities Halted by BSF's Anti-Drone Measures



13-Dec-24

Recent statements from Inspector General D K Boora of the Border Security Force (BSF) highlight a significant decline in drone activities from Pakistan along the Jammu border, attributed to the successful deployment of advanced anti-drone systems. The BSF has enhanced its surveillance and manpower to ensure zero infiltration, evidenced by the capture and neutralization of intruders. Boora emphasized India's technological advancements, asserting that the BSF is well-equipped to counter any threats, including those posed by foreign-made weapons. He reaffirmed the BSF's commitment to border security, asserting the force's capability to prevent any infiltration, regardless of the challenges posed by seasonal conditions. This proactive approach underscores India's readiness to adapt and respond effectively to evolving security threats, reinforcing its position as a formidable defense force in the region.

## Russian Forces Near Pokrovsk, Threatening Ukraine's Supply Lines



13-Dec-24

Russian forces have advanced to just 1.5 km from the strategic Ukrainian logistics hub of Pokrovsk, aiming to disrupt supply lines and enhance control in the eastern

Donetsk region. This push, marked by the involvement of small special operations units, signifies a critical phase in the conflict, with significant implications for Ukraine's military access and operations. The capture of Pokrovsk could represent one of Ukraine's largest military setbacks in recent months, particularly as it houses vital resources for the steel industry. The intensifying situation emphasizes the complexity and danger of the current military landscape, highlighting the necessity for robust defense strategies from Ukraine and its allies.

## Jaishankar: Indian Forces to Secure All Patrolling Points in Dipsang



13-Dec-24

External Affairs Minister S. Jaishankar confirmed that Indian security forces will access all historical patrolling points in Dipsang, Ladakh, as part of the disengagement agreements with China. He emphasized India's unwavering stance on territorial integrity amid concerns over Nepal's currency depicting Indian territory and issues along the India-Myanmar border. Jaishankar highlighted the government's proactive engagement with neighboring countries, noting previous neglect in bilateral visits and India's ongoing development projects in the region, thus reinforcing India's commitment to strengthening relationships despite regional challenges. The minister's remarks underscore a robust defense posture while navigating complex geopolitical dynamics.

## Israel Prepares Troops for Extended Winter Stay in Golan Heights



13-Dec-24

Israel's Defense Minister has ordered military preparations to maintain a presence in the UN-patrolled buffer zone in the Golan Heights through winter, following the Syrian regime's collapse. This strategic move comes amid ongoing conflicts in southern Lebanon and Gaza, with Israel conducting extensive air strikes against Syrian military assets to prevent potential threats from falling into jihadist hands. While Israel asserts that its actions are necessary for national security, the international community, including UN Secretary-General Antonio Guterres, has expressed concerns over violations of Syrian sovereignty and the potential destabilization of the region. The situation underscores the complexities of regional power dynamics and security interests.

## Mil Personnel & Veterans

### Russia Grants Residency to Family of Indian Soldier Killed in Ukraine

 SHARE

13-Dec-24

The Russian government has granted permanent residency to Parminder Kaur, the widow of Tejpal Singh, an Indian soldier who died serving in the Russian army in Ukraine. This humanitarian gesture also extends to Singh's children and parents, offering financial support in the form of a monthly stipend for education and lodging. While this action is seen as a recognition of Singh's sacrifice, it has sparked mixed reactions in India regarding the involvement of nationals in foreign conflicts. The case emphasizes the complexities of international military service and its impact on soldiers' families, highlighting the need for consideration of their welfare in such situations.

### Lok Sabha Honors Martyrs of 2001 Parliament Attack, Reinforcing Anti-Terror Resolve

 SHARE

13-Dec-24

The Lok Sabha recently paid tribute to the brave security personnel who sacrificed their lives during the 2001 Parliament attack, emphasizing the nation's unwavering commitment to combat terrorism and uphold its sovereignty. Speaker Om Birla highlighted the extraordinary courage displayed by eight personnel from the Parliament Security Service, Delhi Police, and CRPF, alongside a worker from the Central Public Works Department. This solemn remembrance reinforces the importance of national unity and integrity in the face of threats. The tribute serves as a reminder of the sacrifices made by security forces and the ongoing commitment required to safeguard India's democratic institutions against terrorism.

### Indian Navy Conducts Workshop on Gender Equality and Safety

 SHARE

13-Dec-24

The Indian Navy hosted a workshop on Gender Sensitisation and Prevention of Sexual Harassment at the workplace on December 12, 2024, at Nau Sena Bhawan, New Delhi. Inaugurated by Surgeon Vice Admiral Arti Sarin, the workshop emphasized the importance of gender equality and the provisions of the Prevention of Sexual Harassment Act, 2013. Sessions led by experts included discussions on societal

dynamics and real-life case studies aimed at eliminating gender biases. Rear Admiral Aditya Hara affirmed the Navy's commitment to fostering a safe and inclusive work environment, highlighting its progressive approach towards gender equity, which sets a benchmark for professionalism across the Armed Forces.

## Miscellaneous

### Reliance and Rosneft Sign Record Oil Supply Deal, Boosting India

 SHARE

13-Dec-24

Reliance Industries and Russia's Rosneft have finalized a landmark 10-year agreement for the supply of nearly 500,000 barrels of crude oil per day, marking the largest energy deal between India and Russia, valued at approximately \$13 billion annually. This contract, commencing in January 2025, will significantly enhance India's energy security, as it accounts for about 0.5% of global oil supply and solidifies India's position as a leading buyer of Russian crude amid Western sanctions on Russia. The deal includes the delivery of medium-sulphur and diesel-rich URALS crude, priced at a discount, which positions Reliance favorably in the competitive global energy market. This partnership represents a strategic pivot for India, leveraging cheaper Russian oil and potentially challenging Middle Eastern competitors as India's energy market expands amidst slowing demand from China.

### INS Nirdeshak: India's New Indigenous Survey Ship to Launch Dec 18

 SHARE

13-Dec-24

The Indian Navy is set to commission its latest survey ship, INS Nirdeshak, at Visakhapatnam on December 18, showcasing over 80% indigenous content and emphasizing Aatmanirbharta. Built by GRSE Kolkata, the 110-meter vessel is designed for hydrographic surveys and supports maritime operations with advanced navigation systems and sensors. With a top speed exceeding 18 knots and an endurance of over 25 days, INS Nirdeshak enhances India's strategic capabilities in the Indian Ocean Region. This ship underlines India's growing expertise in naval construction and reinforces the nation's commitment to maritime sovereignty and technological advancement.



## Future of INS Chakra II Uncertain Amid Upgrades or Scrapping

[SHARE](#)

13-Dec-24

The INS Chakra II, a leased Akula-class submarine, was returned to Russia in June 2021 after a decade of service with the Indian Navy, contributing significantly to India's nuclear submarine capabilities. Recent satellite imagery shows it alongside the Russian Oscar II-class submarine K-442 Chelyabinsk at the Bolshoy Kamen naval base, prompting speculation about its future. Possibilities include repairs or upgrades, as the vessel may have sustained damage during its lease, or potentially scrapping due to its age and the Russian Navy's focus on modern submarines. This situation highlights India's strategic investment in enhancing its indigenous submarine capabilities during the leasing period.

## Jaishankar Voices Concern Over Minority Treatment in Bangladesh

[SHARE](#)

13-Dec-24

External Affairs Minister S. Jaishankar expressed India's concern over the treatment of minorities in Bangladesh, urging Dhaka to ensure their safety amidst reported attacks. He noted that this issue was addressed during a recent visit by the foreign secretary to Bangladesh, emphasizing India's expectation for action from the new government there. Jaishankar highlighted India's positive track record of development projects in Bangladesh, reinforcing the "neighbourhood first" policy and the importance of a stable, mutually beneficial relationship. This stance underscores India's commitment to regional stability and its proactive diplomatic engagement, even as it addresses sensitive humanitarian issues.

## One Year After Parliament Security Breach, Trial Still Pending

[SHARE](#)

13-Dec-24

A year after a security breach in Parliament on December 13, 2023, Delhi Police have compiled strong evidence against six accused, who allegedly executed a coordinated gas attack to undermine Indian democracy. The suspects, motivated by ultra Maoist ideology, planned their actions for two years, aiming to discredit the Parliament as a symbol of democracy. They have been booked under the stringent Unlawful Activities (Prevention) Act, with police continuing investigations while ensuring heightened security during the ongoing winter session of Parliament. This incident underscores the ongoing threat to national security and the need for vigilant protection of democratic institutions in India.

## ISRO Seeks Major Investment for Enhanced Aerodynamic Testing

[SHARE](#)

13-Dec-24

ISRO Chairman S Somanath has emphasized the urgent need for significant investment in aerodynamic testing facilities in India to meet the demands of advanced aerospace missions, including crewed spaceflights and interplanetary explorations. Currently, existing facilities can only meet about 30% of the testing requirements for the Gaganyaan program, necessitating reliance on foreign agencies for data. Somanath acknowledged the earlier over-reliance on Computational Fluid Dynamics (CFD) simulations, asserting that practical testing remains crucial for reliable outcomes. The initiative aims to foster public-private collaboration to establish state-of-the-art facilities, thereby enhancing India's capabilities in aerospace technology development and ensuring it remains competitive in the rapidly evolving global space sector. Such investments are vital for achieving future milestones, including missions to Mars and Venus, and underscore India's commitment to strengthening its space exploration potential.

## Workshop on Boosting India's Self-Reliance in IC Chip Manufacturing

[SHARE](#)

13-Dec-24

The Headquarters Integrated Defence Staff (IDS) hosted a workshop titled "Energizing Semiconductor Ecosystem to Make India Self-Reliant in IC Chip Manufacturing" on December 13, 2024, in Delhi. Chaired by Vice Admiral Sanjay Vatsayan, the event underscored the need for an Indian Defence Semiconductor Policy, aiming to enhance local IC chip manufacturing capabilities for military applications. Experts from various government sectors and industries discussed India's potential to reduce dependency on foreign semiconductor supplies, which is crucial in today's global economy. This initiative aligns with India's broader strategy for self-reliance and technological independence, positioning the country to better meet its defense needs while minimizing supply chain vulnerabilities.

## Sri Lankan President's Inaugural India Visit Set for December 15

[SHARE](#)

13-Dec-24

Sri Lankan President Anura Kumara Dissanayake is set to visit India from December 15 to 17, marking his first overseas trip since taking office in September. During this visit, he will engage in discussions with Prime Minister Narendra Modi and President Droupadi Murmu,

accompanied by key ministers including Foreign Minister Vijitha Herath. This visit underscores the importance of India-Sri Lanka relations, especially in light of regional stability and economic cooperation. Strengthening ties with India is vital for Sri Lanka, given its geopolitical positioning, and this visit could pave the way for enhanced collaboration in various sectors.

## ESA to Test Ground Stations for ISRO's Gaganyaan Missions



13-Dec-24

The European Space Agency (ESA) is set to support the Indian Space Research Organisation (ISRO) in its Gaganyaan crew module missions by testing the compatibility of ground stations with the spacecraft's radio systems. This collaboration involves utilizing ESA's antenna network, including a 15-meter antenna in Kourou, to facilitate real-time tracking and communication during missions. A model of Gaganyaan's radio equipment will undergo testing in Germany to ensure effective communication. This partnership highlights the strengthening ties in international space cooperation and supports ISRO's ambitious human spaceflight program, building on previous collaborations like Chandrayaan-3 and Aditya-L1.

## Bangladesh Delegation Set to Join Vijay Diwas Celebrations



13-Dec-24

A Bangladeshi delegation is expected to attend the Vijay Diwas celebrations organized by the Indian Army's Eastern Command at Fort William. The event will include a wreath-laying ceremony at the Vijay Smarak and a military tattoo to honor war heroes. This anticipated participation underscores the recent positive diplomatic engagements between India and Bangladesh. The involvement of Bangladesh emphasizes the strengthening of bilateral ties and regional cooperation in defense matters, showcasing India's commitment to fostering friendships with neighboring countries while commemorating shared history and valor in military efforts.

## Nepal's Foreign Minister to Visit India for Economic Conference



13-Dec-24

Nepal's Foreign Minister, Arzu Rana Deuba, is expected to visit India to attend the Indo-Nepal Economic

Conference, focusing on enhancing economic collaboration and addressing bilateral issues like trade, investment, and infrastructure development. This visit underscores a renewed emphasis on strengthening ties amidst the evolving geopolitical landscape, particularly with Nepal balancing relationships with India and China. The conference will serve as a crucial platform for discussing cooperative projects in energy trade and connectivity, reinforcing the historical and cultural connections between the two nations. Ultimately, this initiative aims to foster mutual economic growth and stability, benefiting both countries while navigating regional complexities.

## Netrasemi Unveils AI-Driven SoCs for Local Analytics Solutions



13-Dec-24

Netrasemi, a semiconductor start-up founded in 2020, is pioneering AI/ML-enabled SoCs designed for efficient, cost-effective local analytics, minimizing reliance on cloud computing. Its upcoming chips, Netra A2000 and Netra R1000, support over 100 AI/ML use cases, enhancing functionalities in surveillance, smart infrastructure, robotics, and autonomous vehicles. Attracting interest from major OEMs across various sectors, Netrasemi projects a remarkable 150% revenue growth by FY25 as it gears up for volume production by FY27. This innovative approach positions Netrasemi to meet the escalating demand for Edge AI solutions, bolstering India's semiconductor capabilities and contributing to national technological advancements.

## Indian Army Hosts Vijay Diwas Cup to Honor 1971 War Heroes



13-Dec-24

The Indian Army's Eastern Command is set to host the "TATA Steel Kolkata 25 Km - Vijay Diwas Cup" on December 15, marking the 2024 celebrations of Vijay Diwas, which honors the heroes of the 1971 War. This event will feature 10 teams from the Indian Army and teams from the Navy and Air Force, showcasing their endurance alongside professional marathon runners. The marathon not only commemorates India's significant military achievement in liberating Bangladesh but also aims to enhance public appreciation for the Armed Forces, reflecting their bravery and camaraderie. Such initiatives reinforce the Indian military's commitment to honoring its legacy and fostering national pride.

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# Defence Sector Stocks

| Stock      | Open     | High     | Low      | Close    | Volume   | Change | RSI14 | SMA20    | SMA200   |
|------------|----------|----------|----------|----------|----------|--------|-------|----------|----------|
| PREMEXPLN  | 470.55   | 517.1    | 470.55   | 516.0    | 1375859  | 9.76   | 63.54 | 456.89   | 512.5    |
| HBLPOWER   | 671.0    | 698.0    | 664.1    | 695.0    | 6924717  | 3.61   | 72.62 | 616.39   | 555.7    |
| KRISHNADEF | 696.0    | 745.75   | 696.0    | 734.15   | 62500    | 3.37   | 63.7  | 669.54   | 631.21   |
| BDL        | 1220.0   | 1275.0   | 1210.4   | 1260.95  | 1272678  | 2.77   | 69.78 | 1115.35  | 1194.21  |
| ZENTEC     | 2113.05  | 2179.8   | 2080.5   | 2167.95  | 1158381  | 2.43   | 74.04 | 1897.91  | 1400.19  |
| ASTRAMICRO | 811.05   | 868.95   | 810.05   | 832.45   | 1120791  | 2.07   | 63.63 | 783.61   | 793.27   |
| NIBE       | 1880.0   | 1899.7   | 1815.8   | 1897.0   | 25418    | 1.34   | 61.1  | 1743.1   | 1730.06  |
| AVANTEL    | 162.79   | 166.55   | 162.0    | 165.16   | 535482   | 1.03   | 52.71 | 158.35   | -        |
| LMW        | 17170.0  | 17447.9  | 17116.45 | 17341.05 | 5357     | 1.0    | 66.12 | 16216.33 | 16030.35 |
| DCXINDIA   | 311.8    | 325.0    | 311.65   | 315.65   | 897983   | 0.94   | 42.51 | 325.43   | 333.3    |
| ADANIENT   | 2504.0   | 2545.0   | 2479.05  | 2527.55  | 1940935  | 0.94   | 46.07 | 2476.58  | 3032.83  |
| BEL        | 313.0    | 316.35   | 308.15   | 315.65   | 15557064 | 0.86   | 66.65 | 301.89   | 274.59   |
| LT         | 3859.0   | 3898.0   | 3794.2   | 3887.0   | 2300361  | 0.7    | 63.69 | 3735.99  | 3610.01  |
| TEMBO      | 0.0      | 734.4    | 734.4    | 734.4    | 85845    | 0.51   | 88.22 | 556.43   | 312.0    |
| HAL        | 4754.5   | 4755.0   | 4660.55  | 4669.65  | 3312042  | 0.2    | 67.97 | 4414.49  | 4383.79  |
| BHARATFORG | 1352.0   | 1356.05  | 1318.95  | 1348.3   | 580701   | -0.31  | 44.78 | 1340.42  | 1445.28  |
| MARINE     | 306.0    | 306.0    | 287.55   | 301.95   | 973600   | -0.4   | 72.0  | 260.86   | 184.88   |
| IDEAFORGE  | 644.7    | 649.25   | 635.0    | 643.8    | 139118   | -0.4   | 64.23 | 595.0    | 699.93   |
| AZAD       | 1789.7   | 1803.85  | 1754.0   | 1776.4   | 130812   | -0.6   | 60.6  | 1712.24  | 1522.93  |
| TANEJAERO  | 471.9    | 471.9    | 462.0    | 466.85   | 11623    | -1.15  | 56.33 | 441.97   | 492.04   |
| APOLLO     | 97.74    | 97.75    | 96.16    | 96.71    | 914675   | -1.32  | 44.67 | 97.24    | 106.39   |
| PARAS      | 1085.0   | 1093.7   | 1059.2   | 1083.0   | 112966   | -1.33  | 52.4  | 1061.56  | 1019.36  |
| BEML       | 4500.0   | 4500.85  | 4310.0   | 4408.5   | 332513   | -1.39  | 65.07 | 4146.28  | 3909.94  |
| MIDHANI    | 380.9    | 380.95   | 370.1    | 376.3    | 295512   | -1.57  | 60.62 | 351.32   | 411.72   |
| ROSSELLIND | 81.4     | 81.5     | 78.42    | 80.03    | 67150    | -1.68  | 32.67 | 83.46    | 379.53   |
| HIGHENE    | 694.95   | 694.95   | 665.0    | 675.95   | 7124     | -1.81  | 59.34 | 627.75   | 713.42   |
| MTARTECH   | 1664.0   | 1670.0   | 1626.6   | 1638.5   | 216604   | -1.97  | 36.65 | 1739.24  | 1804.34  |
| MAZDOCK    | 4955.5   | 4972.2   | 4741.3   | 4849.9   | 2035401  | -2.14  | 65.54 | 4516.75  | 3713.96  |
| DATAPATNS  | 2595.0   | 2606.95  | 2505.0   | 2541.2   | 168756   | -2.31  | 54.49 | 2464.42  | 2724.9   |
| CFF        | 750.0    | 755.0    | 712.5    | 725.0    | 22800    | -2.38  | 63.04 | 668.25   | 609.93   |
| LOKESHMACH | 365.0    | 366.85   | 356.55   | 360.7    | 69913    | -2.38  | 49.11 | 357.8    | 389.97   |
| PTC        | 169.91   | 169.91   | 164.35   | 166.58   | 2298207  | -2.43  | 37.78 | 171.88   | 202.76   |
| COCHINSHIP | 1644.0   | 1644.0   | 1600.0   | 1606.35  | 241605   | -2.49  | 54.63 | 1531.8   | 1682.0   |
| SOLARINDS  | 10727.95 | 10727.95 | 10341.0  | 10396.7  | 78505    | -2.55  | 46.9  | 10440.2  | 9938.8   |
| GRSE       | 1760.0   | 1765.0   | 1701.85  | 1720.3   | 508368   | -2.82  | 56.43 | 1621.21  | 1542.23  |
| SIKA       | 2807.5   | 2807.5   | 2680.0   | 2688.55  | 5728     | -3.77  | 56.85 | 2566.89  | 2457.0   |