

Top Gainers

Stock	Close	Prev	Change
MAZDOCK	2232.55	2155.7	+3.56%
ZENTEC	2539.05	2468.85	+2.84%
TANEJAERO	422.0	412.75	+2.24%
BDL	1203.25	1181.85	+1.81%
BEML	3786.6	3732.9	+1.44%

Top Losers

Stock	Close	Prev	Change
NIBE	1585.65	1656.05	-4.25%
TEMBO	764.35	795.7	-3.94%
PTC	138.13	143.77	-3.92%
ROSSELLIND	73.94	76.93	-3.89%
PARAS	1069.75	1110.7	-3.69%

## Defense Business and Industry

### DG Propulsion Achieves Vertical Test of Indigenous DG-J40 Engine

🔗 SHARE

09-Jan-25

DG Propulsion has successfully conducted a vertical test run of its indigenous DG-J40 turbojet engine, which boasts a thrust capacity of up to 40 kgf and a maximum RPM of 96,000. This engine is designed for versatility, making it suitable for military drones and commercial UAVs, thus reinforcing India's commitment to self-reliance in defense technology. The advancements in the DG-J40 engine not only aim to reduce dependence on foreign technology but are expected to inspire further innovations in the aerospace sector, enhancing India's position in the global market. This initiative aligns with government programs fostering innovation and supporting start-ups in the defense industry.

### Russia's Su-57 Stealth Jet to Showcase Advanced Capabilities at Aero India 2025

🔗 SHARE

09-Jan-25

The participation of Russia's Su-57 stealth jet at Aero India 2025 is significant as it aims to strengthen defense ties with India amidst the latter's air force modernization efforts. The event will provide Indian officials with an opportunity to assess the Su-57's advanced capabilities against competitors like the F-35A, influencing India's future fighter jet procurement decisions. This showcases India's commitment to its "Make in India" initiative and the exploration of indigenous projects like the Advanced Medium Combat

Aircraft (AMCA). Ultimately, the Su-57's presence could foster collaborative advancements in aerospace technology, crucial for India's defense strategies in a complex geopolitical landscape.

### IAF Launches Indigenous Robot for Safe Ordnance Handling

🔗 SHARE

09-Jan-25

The Indian Air Force (IAF) has inducted its first indigenous Unexploded Ordnance Handling Robot (UXOR) into service in August 2024, a significant move towards enhancing explosive ordnance disposal (EOD) capabilities. Developed by the Research & Development Establishment (Engineers), the UXOR can safely handle ordnance weighing up to 1000 kg, minimizing risks to human operators by allowing remote operation. This milestone demonstrates India's commitment to self-sufficiency in defense technology and highlights the focus on innovative solutions to improve safety in military operations. The successful field trials ensure the robot's effectiveness in various operational environments, reinforcing India's strategic advancement in defense readiness.

### DG Propulsion Launches New Jet Engine Facility for Self-Reliance

🔗 SHARE

09-Jan-25

DG Propulsion has commenced construction on a new jet engine manufacturing and testing facility, marking a significant step towards enhancing India's self-sufficiency in aerospace technology. This event, which symbolizes a commitment to innovation and excellence, reflects years of strategic planning. The new facility aims to enable the design, testing, and production of jet engines tailored to India's specific needs, reducing reliance on foreign technology. This move aligns with India's broader defense strategy

focused on self-reliance and indigenous capabilities, strengthening its position in the global aerospace industry and fostering technological advancement within the nation.

## IAF Sticks with AL-31FP Engines for Super Sukhoi Fleet Upgrade SHARE

09-Jan-25

In a strategic move, the Indian Air Force (IAF) has opted to continue using the AL-31FP engines for its 84 Super Sukhoi-configured Su-30MKI aircraft instead of transitioning to the advanced AL-41F engines offered by Russia. This decision prioritizes operational continuity, leveraging the established supply chain and maintenance ecosystem, while avoiding additional costs and retraining for ground crews. Despite the potential performance benefits of the AL-41F, the IAF's choice underscores India's commitment to self-reliance in defense capabilities, particularly as Hindustan Aeronautics Limited has successfully localized the production of the existing engines. Upgrades for the Su-30MKI will focus on avionics and weapon integration, maintaining its status as the backbone of the IAF's fleet.

## HAL's IJT-36 Set for 2028 Production After Key Upgrades SHARE

09-Jan-25

Hindustan Aeronautics Limited (HAL) has confirmed that the Intermediate Jet Trainer (IJT) HJT-36, also known as Sitara, is set to enter full production by 2028 after overcoming significant technical challenges, particularly related to spin characteristics. Collaboration with BAE Systems led to crucial design modifications and updates to the avionics suite, ensuring the aircraft meets the Indian Air Force's modern training requirements. The IAF needs 85 IJTs to replace the aging HJT-16 Kiran trainers. Currently in limited series production, the IJT-36 aims to provide a sophisticated training platform for pilots, enhancing their readiness for contemporary aerial warfare.

## India's DRDO Unveils Advanced Hypersonic Interceptors for BMD SHARE

09-Jan-25

India's Defence Research and Development Organisation (DRDO) is advancing its Ballistic Missile Defence (BMD) program to Phase 3, introducing two groundbreaking hypersonic interceptor systems, AD-AH and AD-AM. These interceptors, designed to neutralize hypersonic glide vehicles and cruise missiles, position India among a select few nations capable of countering

such fast-moving threats. This development is essential as traditional missile systems struggle against the unpredictable nature of hypersonic projectiles. The initiative reflects India's commitment to technological self-reliance and enhances its deterrent capabilities amid rising regional tensions and the evolving landscape of modern warfare, showcasing a strategic shift in missile defense towards atmospheric threats.

## India Develops Integrated Satellite Communication Grid for Defense SHARE

09-Jan-25

India is advancing its defense capabilities by developing an integrated satellite communication grid to enhance its strategic edge in warfare, as stated by Defence Space Agency Director General Air Vice Marshal Pawan Kumar during the DefSat Conference in New Delhi. The planned grid will include various satellite constellations and data relay systems, focusing on reducing response times and improving decision-making through advanced tracking and data relay technologies. Additionally, the Indian defense forces are exploring quantum communication for enhanced security. This initiative underscores India's commitment to modernizing its defense infrastructure in response to emerging threats in the space domain.

## DCX Systems Lands Key Export Deal with Israel's Elta Systems SHARE

09-Jan-25

Bengaluru-based DCX Systems has secured a significant export order from Israel's Elta Systems for the manufacture and supply of Close-In Weapon System (CIWS) module assemblies, marking a pivotal advancement for India's defense manufacturing sector. This contract highlights DCX Systems' expertise in producing critical military components essential for naval protection against threats like anti-ship missiles. Furthermore, it symbolizes the strengthening strategic cooperation between India and Israel in defense. Operating from a state-of-the-art facility in Bengaluru, DCX Systems' reputation is bolstered by its commitment to high-quality, tailored solutions that meet stringent defense industry standards, enhancing India's position in the global defense market.

## HAL to Lower Helicopter Noise Levels to Meet Military Standards SHARE

09-Jan-25

Hindustan Aeronautics Limited (HAL) is set to conduct an independent review and engage consultants to modify its prototype Light Utility Helicopters (LUH) to

reduce noise levels by 10 to 15 dB, aiming to meet the MIL-STD-1474 D military noise specifications. This initiative follows developmental flight tests that revealed noise levels exceeding acceptable limits in the critical frequency range of 500 to 8000 Hz, which can affect crew comfort and operational safety. The LUH program is crucial for developing versatile helicopters for the Indian Armed Forces, capable of performing various missions. This proactive approach underscores HAL's commitment to enhancing the effectiveness and operational readiness of India's defense aviation capabilities.

## IAF Chief Urges Urgent Shift to Mission Mode for Aircraft Production



09-Jan-25

Air Chief Marshal Amar Preet Singh of the Indian Air Force has criticized the slow progress in indigenous aircraft manufacturing, calling for a more aggressive and mission-oriented approach to defense production. He emphasized the need for parallel processing of development and production to enhance efficiency and meet national security demands effectively. Singh acknowledged the importance of a balanced strategy that scales up indigenous capabilities while recognizing the necessity of certain foreign collaborations, underscoring the disconnect between policy objectives and execution. His remarks invite an urgent reassessment of current defense strategies to align with the goals of Make in India and Atmanirbhar Bharat.

## BrahMos Aerospace Discusses High-Altitude Ground-Based Missile for Army



09-Jan-25

BrahMos Aerospace is in discussions with the Indian Army to develop a ground-based variant of the BrahMos-NG cruise missile, designed for high-altitude warfare. This new system, which will weigh approximately 1.3-1.4 tons, can be mounted on 88 Heavy Mobility Vehicles (HMs), providing the Army with a lighter, more agile missile option for rapid deployment in mountainous terrains. While the Indian Air Force and Navy have shown strong interest in the BrahMos-NG, the Army's engagement highlights the evolving operational needs in a complex security environment, potentially enhancing its strategic reach and operational flexibility in high-altitude regions.

## MoD Explores IAF-Navy TEDBF Collaboration for 200+ Jet Orders



09-Jan-25

The Ministry of Defence is contemplating integrating the Indian Air Force into the Navy's Twin Engine Deck Based Fighter (TEDBF) program to enhance indigenous manufacturing and financial viability. This move aims to increase the order size to over 200 jets, which would lower costs, encourage private sector investment, and streamline production through shared components with the Advanced Medium Combat Aircraft (AMCA) program. Both aircraft are expected to utilize common engine types and avionics, fostering technological synergies. Ultimately, this strategic integration supports India's defense modernization and strengthens the domestic defense industry.

## Indian Army Boosts Desert Ops with 10,276 Camouflage Nets



09-Jan-25

The Indian Army is enhancing its operational capabilities in desert and semi-desert areas by procuring 10,276 Multi-Spectral Camouflage Nets (MSCN). This initiative, initiated through a Request for Proposal, aims to provide advanced concealment for critical assets like tanks and radars, reducing detectability across multiple electromagnetic spectrum ranges. The MSCNs, specifically designed for desert environments, minimize visual, thermal, and radar signatures, offering significant tactical advantages. With a lifespan of up to 10 years when stored properly and durability for field operations, this procurement underscores the Indian Army's commitment to maintaining a tactical edge in challenging operational theaters, reinforcing its readiness against potential adversaries.

## Tejas Mk2's Development Key for AMCA and TEDBF Amid 6th Gen Shift



09-Jan-25

The Aeronautical Development Agency (ADA) has emphasized the importance of continuing the development of India's Tejas Mk2 amidst the global shift towards sixth-generation fighters. The Tejas Mk2 serves as a critical technology testbed that will support future programs like the Advanced Medium Combat Aircraft (AMCA) and Twin Engine Deck Based Fighter (TEDBF), allowing for reduced risks and optimized systems integration. By investing in the Mk2, India aims to enhance its defense capabilities while fostering self-reliance in defense technology and ensuring a modern fighter aircraft that meets immediate defense needs.

ADA argues that neglecting 4.5+ generation fighters could create capability gaps, reinforcing the Mk2's strategic relevance.

## Rajnath Singh to Lead Ambassadors Round-Table Ahead of Aero India

2025  [SHARE](#)

09-Jan-25

Raksha Mantri Shri Rajnath Singh will chair the Ambassadors Round-Table in New Delhi on January 10, 2025, in preparation for Aero India 2025, Asia's largest aerospace show, scheduled for February 10-14, 2025, at Air Force Station Yelahanka, Bengaluru. Over 150 ambassadors and high commissioners from friendly nations will be invited to discuss major events and extend personal invitations for senior leadership participation. The event aims to foster partnerships between Indian and foreign firms, emphasizing indigenization and showcasing capabilities in the aerospace and defense sectors, contributing significantly to India's growing defense industry and enhancing global strategic collaborations.

## Defense Policy and Budgeting

### Indian Army Unveils 2025 as "Year of Reforms" for Transformation [SHARE](#)

09-Jan-25

In a significant move, Defence Minister Rajnath Singh announced the designation of 2025 as the "Year of Reforms" for the Indian Army, marking a critical phase in its decade-long transformation initiative running from 2023 to 2032. The reforms focus on enhancing jointness among the Army, Navy, and Air Force, modernizing capabilities through advanced technologies like AI and hypersonic systems, and streamlining procurement processes. Emphasis is also placed on workforce motivation and inclusivity, particularly for women and veterans. By leveraging indigenous solutions and fostering interoperability with Central Armed Police Forces, the Indian Army aims to position itself as a key player in the global defense ecosystem, aligning with India's vision for a stronger defense posture by 2047. This comprehensive reform agenda reinforces the Army's commitment to evolving alongside global military trends while ensuring operational readiness.

## Geopolitics and Security Alliances

### India Eyes Resuming Development Aid in Afghanistan Amid Taliban Ties [SHARE](#)

09-Jan-25

India's Foreign Ministry has indicated a willingness to resume development projects in Afghanistan, focusing initially on health support and refugee rehabilitation, despite the absence of formal diplomatic relations with the Taliban government. This decision follows a meeting on November 1, 2023, between Indian Foreign Secretary Vikram Misri and Afghan Foreign Minister Mawlawi Amir Khan Muttaqi in Dubai. India has previously sent humanitarian aid, including wheat and vaccines, to Afghanistan. While India does not recognize the Taliban regime, its engagement reflects a commitment to humanitarian assistance and the stability of the region, showcasing India's proactive approach in addressing humanitarian needs while navigating complex diplomatic relations.

### Taiwan Boosts Naval Defense in Tense Standoff with China [SHARE](#)

09-Jan-25

Taiwan conducted a three-day naval exercise concluding on January 5, 2023, simulating the repulsion of enemy vessels amid rising tensions with China, which regularly demonstrates military prowess near the island. The drills featured advanced Tuo Chiang corvettes and support from the air force, showcasing Taiwan's defense capabilities against a significantly larger Chinese military. While Taiwan's navy emphasizes its advanced stealth vessels, it remains outmatched by China's formidable naval strength, including aircraft carriers and nuclear submarines. Taiwan firmly asserts its sovereignty, maintaining that only its people can determine their future, countering China's claims. This situation highlights the ongoing geopolitical tension in the region, with Taiwan striving to enhance its defense posture.

### US Confirms No Plans to Expand Military Presence in Greenland [SHARE](#)

09-Jan-25

The U.S. has confirmed it has no immediate plans to expand its military presence in Greenland, despite President Trump's previous interest in acquiring the strategically important Arctic island. The U.S. Embassy in Copenhagen emphasized the importance of cooperation with Denmark to address mutual security



needs. Greenland plays a vital role in the U.S. military's ballistic missile early-warning system, highlighting its strategic significance for North America and Europe. As geopolitical dynamics evolve, India's defense strategy should closely monitor U.S. intentions in the Arctic, considering the implications for regional security and potential impacts on India's own strategic interests.

## Taiwan and China Clash Over Undersea Cable Damage Accusations



09-Jan-25

Taiwan and China have exchanged accusations following damage to an undersea communications cable off Taiwan's coast, which Taipei suspects involved a Chinese-linked ship. The Taiwanese coast guard has not provided direct evidence but is investigating the incident, highlighting concerns over "grey zone" tactics employed by China, such as maritime pressure without direct confrontation. In response, China's Taiwan Affairs Office dismissed Taiwan's claims as unfounded. This situation underscores the ongoing tensions between Taiwan and China, particularly given the latter's sovereignty claims over the island, which Taiwan vehemently rejects. The incident reflects the wider geopolitical struggle in the region, emphasizing the need for vigilance in safeguarding Taiwan's territorial integrity.

## Bangladesh Envoy: Trade with Pakistan Will Always Lag Behind India



09-Jan-25

A former Bangladeshi envoy to India highlighted that trade with Pakistan will never surpass that with India due to India's larger market and diverse export opportunities for Bangladesh. The envoy pointed out that India's trade significantly exceeds Pakistan's, particularly in textiles where Bangladesh excels. This dynamic emphasizes the favorable economic relationship between Bangladesh and India, contrasting with the stagnant trade ties with Pakistan, reflecting the geopolitical realities in South Asia. The disparity in trade volume showcases India's dominant position as a key economic partner for Bangladesh, reinforcing its strategic importance in the region.

## Military Operations

### BSF Boosts Vigilance on India-Bangladesh Border Amid Instability



09-Jan-25

The Border Security Force (BSF) has stepped up vigilance along the India-Bangladesh border, particularly in South Bengal, amid rising instability in Bangladesh, with a focus on curbing illegal infiltration, smuggling, and human trafficking. Enhanced surveillance measures, including advanced technology, have been employed to monitor sensitive areas like the Sonai River, known for its smuggling activities. Despite challenges, such as difficult terrain and limited local cooperation, the BSF has made significant arrests related to smuggling operations. An informal meeting between BSF and Bangladeshi Border Guard (BGB) officials on a recent date aimed at improving cross-border coordination and addressing concerns about border fencing. The BSF's efforts to maintain security reflect its commitment to national integrity, emphasizing the importance of cooperation in managing border challenges effectively.

### Indian Navy Aids Malaysian Vessel with Fuel 225 NM from Indira Point



09-Jan-25

The Indian Navy provided critical fuel assistance to a Malaysian-flagged vessel with five Chinese nationals aboard on January 7, 2024, while it was 225 nautical miles west of Indira Point. The vessel had requested help after running low on fuel, prompting the Indian Navy to deploy INS Kirch, which delivered 1,000 liters of fuel, allowing the vessel to continue its journey safely. This operation underscores India's commitment to maritime safety and support for all vessels in the Indian Ocean Region, reinforcing its role as a responsible maritime power and enhancing regional stability through proactive assistance to vessels in distress.

### ITBP Boosts Border Security with 33 Posts Forwarded, 6 Battalions Deployed



09-Jan-25

The Indo-Tibetan Border Police (ITBP) has enhanced its operational capabilities along the India-China Line of Actual Control (LAC) by moving forward 33 of its 56 designated border posts and deploying six new battalions, as announced by ITBP DG Rahul Rasgotra during the force's 63rd Raising Day on October 24. This initiative includes a modernization plan to improve

surveillance technology and secure communications. The Union government has allocated Rs 2,500 crore for infrastructure development, reflecting its commitment to bolstering border security, particularly in light of ongoing challenges in the region. The ITBP, established post the 1962 conflict, continues to play a crucial role in safeguarding India's borders and internal security.

## **Zaporizhzhia Bombing: 13 Killed, 113 Injured in Russian Attack**



09-Jan-25

A Russian-guided bomb attack in Zaporizhzhia on Wednesday resulted in at least 13 deaths and 113 injuries, with significant damage to public infrastructure. Ukrainian President Zelenskyy condemned the strikes as inhumane and urged Western allies to increase pressure on Russia. The attack reflects ongoing violence in the region, as Russian forces continue aerial assaults on areas they partially control, exacerbating humanitarian crises. This incident highlights the urgent need for international intervention and support for Ukraine amidst an escalating conflict that has claimed more civilian lives and caused widespread destruction since the Russian invasion began in February 2022.

## **Myanmar Military Airstrike in Kyauk Ni Maw Kills 40 Civilians**



09-Jan-25

An airstrike by Myanmar's military on Kyauk Ni Maw village, controlled by the Arakan Army, reportedly killed at least 40 civilians, including women and children, and injured over 20 on February 21, 2024. Eyewitness accounts indicate the attack, which destroyed more than 500 houses, targeted a local market. Since the military coup in 2021, Myanmar has experienced escalating violence as various ethnic groups, including the Arakan Army, seek autonomy against the central government. This incident highlights the ongoing humanitarian crisis and the dire situation of civilians amidst the conflict, raising concerns about the government's military tactics and their implications for regional stability.

## **Indian Forces Ground Dhruv Helicopters After Fatal Crash**



09-Jan-25

Following a tragic crash in Porbandar that resulted in the deaths of two pilots and an aircrew diver, the Indian Armed Forces have temporarily grounded their fleet of around 330 Dhruv Advanced Light Helicopters (ALHs) due to ongoing safety concerns. The incident has

reignited scrutiny over HAL's handling of safety issues, with calls for independent investigations and comprehensive reviews of design, maintenance, and training protocols. Previous incidents have already raised alarms, emphasizing the urgency for HAL to ensure the helicopters' airworthiness. The military's reliance on these helicopters highlights the critical need for resolution to prevent further tragedies and maintain operational readiness in India's defense capabilities.

## **Terrorism and Counterterrorism**

### **Three Naxalites Killed in Sukma as Security Forces Intensify Operations**



09-Jan-25

Three Naxalites were killed in an encounter with security forces in Chhattisgarh's Sukma district on January 6, as part of ongoing anti-Naxal operations which have so far resulted in nine Naxalites being neutralized this year. Deputy Chief Minister Vijay Sharma expressed confidence in eliminating the Naxal threat, echoing Union Home Minister Amit Shah's commitment to eradicate Naxalism by March 2026. The successful operation involved elite units like the CoBRA and reflects the growing determination and capability of Indian security forces in combating this insurgency, which has seen 219 Naxalites neutralized last year, showcasing a proactive approach in maintaining internal security and stability.

## **Cybersecurity and Information Warfare**

### **Hacker Claims Breach of U.S. Location Tracking Firm Gravy Analytics**



09-Jan-25

An unknown hacker has claimed to breach Gravy Analytics, a U.S. location tracking firm, stealing approximately 1.4 gigabytes of sensitive data, as reported on social media platforms popular with cybercriminals. The breach comes amid a crackdown by the Biden administration on companies that gather cellular data without consent, raising concerns about privacy and the potential misuse of this information for espionage and stalking. Experts have verified the authenticity of the leaked data, adding credibility to the hacking claims. This incident underscores the vulnerabilities in the data tracking industry, which is

increasingly scrutinized for its practices regarding user consent and data safety.

## Japan Blames Over 200 Cyberattacks on Chinese Hackers MirrorFace



09-Jan-25

Japan has attributed over 200 cyberattacks targeting its national security and technology sectors from 2019 to 2024 to the Chinese hacker group MirrorFace. The National Police Agency revealed that these systematic attacks aimed to steal sensitive data, impacting government ministries and private entities. The group employed tactics like sending malware-laden emails, often using stolen identities, highlighting Japan's cybersecurity vulnerabilities as it enhances defense collaborations with the US and allies. This situation underscores the critical need for Japan to bolster its cyber defenses amid rising regional tensions and threats from state-sponsored cyber activities.

## Turkey Launches Cybersecurity Directorate to Strengthen Defense



09-Jan-25

Turkey has established a new Cybersecurity Directorate to bolster its defense against cyber threats, as announced in a presidential decree. This directorate is tasked with implementing policies and strategies set by a newly formed Cybersecurity Board, which includes various government ministries. The initiative aims to enhance cooperation between public and private sectors and improve national preparedness against cyber threats, especially following a crackdown in October on an international cyber-espionage network. This move reflects Turkey's commitment to safeguarding its information infrastructure amidst rising cyber risks, emphasizing the need for robust cybersecurity measures in an increasingly digital world.

## Cyberattack on PowerSchool exposes data of 45 million students



09-Jan-25

A significant cybersecurity breach affecting PowerSchool, a platform used by thousands of K-12 schools in the U.S., has potentially exposed sensitive data of over 45 million students and teachers. The breach, reportedly occurring through a customer support portal, raises serious concerns about data security in the educational sector. PowerSchool has assured users that it is taking steps to prevent further unauthorized access and is working with authorities to assess the impact, while North Dakota schools have temporarily restricted access to the platform to

safeguard data integrity. This incident highlights the urgent need for enhanced cybersecurity measures in increasingly cloud-reliant educational environments.

## Mil Personnel & Veterans

### Army Chief Inspires NCC Cadets to Become Future Leaders



09-Jan-25

On January 9, 2025, Army Chief General Upendra Dwivedi addressed cadets at the NCC Republic Day Camp in Delhi, urging them to aspire to be "changemakers, innovators, and leaders" of tomorrow. He emphasized that serving the nation extends beyond the Armed Forces, highlighting the importance of their roles in community service and national building. General Dwivedi praised the NCC's commitment to various social initiatives and encouraged cadets to prepare for leadership in diverse fields, underscoring their critical role in India's vision of a prosperous and strong future, termed 'Viksit Bharat'. He fondly recalled his own experiences as an NCC cadet, reinforcing the identity and pride that comes with serving the country. This event showcases the Indian Army's dedication to nurturing future leaders and strengthening grassroots engagement in societal issues.

### IAF Chief: Every Citizen Shares a Soldier's Duty to Protect



09-Jan-25

Indian Air Force Chief Marshal Vivek Ram Chaudhari emphasized the collective responsibility of citizens in safeguarding national security, stating that while many aspire to join the armed forces, serving the nation does not require a uniform. His remarks, made at a recent event, highlight the interconnectedness between civilian efforts and military goals in addressing modern security challenges. He quoted a poignant saying, "Every soldier is a citizen in uniform, and every citizen is a soldier out of uniform," urging all citizens to embody a spirit of service akin to that of soldiers. This perspective fosters a sense of unity and shared commitment to national defense among the populace.

## Miscellaneous

### ISRO Delays Space Docking Experiment, Ensures Satellite Safety SHARE

09-Jan-25

ISRO has postponed its Space Docking Experiment (SpaDEX) for the second time, initially scheduled for January 9, due to excessive drift between the two satellites, SDX01 and SDX02, which are currently about 600 meters apart. This mission aims to demonstrate India's emerging capabilities in spacecraft rendezvous and docking technology, crucial for future complex missions, including the planned Bharatiya Antariksha Station by 2028. The need for further ground simulations before proceeding illustrates ISRO's commitment to ensuring precision in its operations. Despite the delays, the safety of both satellites remains assured, and ISRO continues to bolster India's position among leading nations in space technology.

### V Narayanan named new ISRO Chairman, set to advance space tech SHARE

09-Jan-25

V Narayanan has been appointed as the new Chairman of the Indian Space Research Organisation (ISRO) and Secretary of the Department of Space, effective January 14, 2025. He brings over four decades of experience in rocket and spacecraft propulsion, having previously served as Director of the Liquid Propulsion Systems Centre (LPSC). Narayanan acknowledged the significant responsibility entrusted to him by Prime Minister Narendra Modi and highlighted his vision for ISRO's future, including key projects such as the SpaDEX experiment, G1 rocket, and upcoming PSLV missions. His leadership is expected to bolster India's advancements in space technology and contribute to the nation's growth as a developed country, aligning with Modi's vision before India's centenary of independence.

### INSV 'Tarini' with two women officers sails past the International Date Line SHARE

09-Jan-25

The Indian Naval Sailing Vessel (INSV) 'Tarini', with two women officers aboard, successfully crossed the International Date Line on October 2, 2024, during its global circumnavigation expedition under Navika Sagar Parikrama II. This milestone highlights India's

commitment to maritime exploration and showcases the resilience and adventurous spirit of its Navy. The crew, led by Lt Cdr Dilna K and Lt Cdr Roopa A, is currently en route to Port Stanley after completing necessary vessel repairs in Lyttelton, New Zealand. This expedition not only signifies India's growing prowess in naval operations but also serves as an inspiring example of women's empowerment in defense forces.

### Vikram Misri's Dubai Meeting: Strengthening India-UAE Ties SHARE

09-Jan-25

Foreign Secretary Vikram Misri's recent meeting with UAE Minister in Dubai focused on strengthening bilateral ties between India and the UAE, covering trade, investment, and cultural exchanges. They addressed regional security concerns, especially regarding Afghanistan, while highlighting India's humanitarian efforts to provide aid amidst a challenging political environment. This engagement underscores India's strategic initiative to foster robust relationships with the UAE and navigate the complexities of Afghan diplomacy, leveraging the UAE's influential role as a mediator. The discussions reflect India's proactive stance in maintaining regional stability and enhancing security cooperation in light of evolving geopolitical dynamics.

### Jaishankar Engages Mauritius Delegation to Boost Bilateral Ties SHARE

09-Jan-25

External Affairs Minister S. Jaishankar recently met with a Mauritius delegation during the Pravasi Bharatiya Divas, focusing on enhancing bilateral cooperation in trade, technology, and tourism. He emphasized the crucial role of the Indian diaspora in globalization and highlighted Odisha's growth potential. This engagement underscores India's commitment to strengthening its strategic partnership with Mauritius, particularly in the Indian Ocean region, which is pivotal for regional security and economic collaboration. Such dialogues not only enhance bilateral ties but also reinforce India's influence in a geopolitically significant area, fostering stability and development in the region.

### India and Oman Strengthen Tourism Ties with 70% Growth SHARE

09-Jan-25

In 2024, India and Oman are strengthening their tourism collaboration, with Indian tourist arrivals in Oman increasing by 70% compared to the previous year. The first five months of 2024 show a further projected rise



of 15%. Initiatives discussed during a G20 tourism working group meeting in June 2023 include enhancing medical and cruise tourism, supported by the establishment of the Oman Tourism Association to improve services and foster local enterprises. This partnership is vital for economic diversification in Oman, aligning with its Vision 2040, and signifies a robust commitment to enhancing bilateral ties, benefiting both nations culturally and economically.

## Final Safety Check Underway for Banihal-Katra Railway Link SHARE

09-Jan-25

The final safety inspection for the Banihal-Katra railway section has commenced, following successful trial runs, including an electric train trial on January 4, 2025. The Chief Railway Safety (CRS) will assess crucial infrastructure, particularly the Anji Khad and Chenab Rail Bridges, vital engineering milestones. This inspection is a significant step towards facilitating direct train connectivity between Jammu and Srinagar, enhancing regional accessibility and economic prospects. Prime Minister Narendra Modi is anticipated to inaugurate these services shortly, reflecting the government's commitment to improving transportation networks in Jammu and Kashmir, which is essential for its overall development and integration with the rest of India.

## India's space funding drops 55% in 2024, but resilience remains. SHARE

09-Jan-25

Funding in India's space sector saw a significant drop of 55% in 2024, falling to \$59.1 million from \$130.2 million in 2023, amid a global decline in investment. Despite this setback, the Indian Space Research Organisation (ISRO) plans a 20%-30% budget increase to enhance deep space exploration and heavy-lift capabilities. The government is also taking proactive measures by establishing a \$119 million fund to support startups in the sector. Industry experts anticipate a rebound in funding in 2025 as key milestones are approached, highlighting a resilient outlook for India's ambitions in the global space market, bolstered by recent successes like the Chandrayaan-3 and Aditya-L1 missions.

## Tricolour Flag Raised in Arunachal Pradesh Near China Border SHARE

09-Jan-25

A Tricolour flag was hoisted on a 73-ft mast at Gorsam Chorten in Jemithang, Arunachal Pradesh, near the

India-China border, on Wednesday, commemorating national pride and unity. The event was attended by over 200 locals, Indian Army personnel, and local officials, including Tawang Brigade Commander Brigadier Vipul Singh Rajput. This initiative, organized by the Army, civil administration, and local monks, reinforces India's commitment to asserting its presence in border areas, fostering local engagement, and promoting national sovereignty. Such ceremonies are vital for strengthening community ties and demonstrating the Indian government's resolve in the region, particularly amidst ongoing border tensions with China.

## India Extends Sheikh Hasina's Visa Amid Bangladesh Extradition Demands SHARE

09-Jan-25

India has extended the visa of Sheikh Hasina, the former Prime Minister of Bangladesh, who has been residing in Delhi under heightened security since fleeing her country amid violent protests on August 5, 2024. This visa extension occurs as Bangladesh's interim government intensifies calls for her extradition, accusing her of involvement in violence that resulted in over 500 deaths. Indian officials clarified that the extension is a technicality and not an asylum endorsement, reflecting India's careful diplomatic balancing act amid regional tensions. The situation highlights India's commitment to maintaining stability while navigating complex geopolitical relationships with its neighbors.

## Pixxel Space Partners with South Korean Firm for Hyperspectral Data SHARE

09-Jan-25

Bengaluru-based startup Pixxel Space has signed a Memorandum of Understanding with South Korean firm SIIS Co. Ltd. to supply hyperspectral satellite data, marking a significant step in expanding satellite data applications beyond traditional optical and radar imagery. This partnership aims to provide valuable insights for industries such as agriculture and climate monitoring, leveraging Pixxel's upcoming Fireflies constellation of six hyperspectral satellites, designed for high-resolution data delivery. SIIS plans to enhance its Earth observation capabilities with the launch of its ultra-high-resolution satellite, SpaceEye-T, in March 2023. This collaboration underscores India's growing prowess in the satellite data domain and reflects the increasing global reliance on advanced Earth observation technologies.

## BHEL Launches Two Major Hydroelectric Units in Bhutan



09-Jan-25

Bharat Heavy Electricals Limited (BHEL) has successfully commissioned two units of the 6170 MW Punatsangchhu-II Hydroelectric Project in Bhutan as part of a bilateral agreement between India and Bhutan. The project is located in the Wangdue district and features the highest-rated Francis Turbine in Bhutan, designed for a head of 241 metres, with an expected annual power generation of 4,357 gigawatt-hours upon full commissioning. This achievement, with units 1 and 2 synchronized on December 16 and 17, 2024, respectively, underscores India's commitment to strengthening energy cooperation and enhancing regional stability through sustainable development initiatives in Bhutan.

## 10,000 Guests to Celebrate India's Achievements at Republic Day

2025



09-Jan-25

Around 10,000 special guests have been invited to the 76th Republic Day Parade at Kartavya Path, New Delhi, on January 26, 2025. These guests represent various sectors, including disaster relief workers, best-performing artisans, and participants of significant government schemes, reflecting the government's initiatives to promote community engagement. The inclusion of achievers from diverse backgrounds, such as para-Olympians and innovators, highlights India's commitment to recognizing excellence and fostering a sense of national pride. This event not only celebrates the nation's achievements but also emphasizes the importance of grassroots contributions to India's development and unity.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
MAZDOCK	2150.0	2251.2	2132.85	2232.55	2089236	3.56	46.42	2338.51	1975.06
ZENTEC	2477.5	2585.0	2458.55	2539.05	464707	2.84	67.06	2433.58	1542.39
TANEJAERO	412.75	424.4	411.1	422.0	12750	2.24	43.78	438.47	492.03
BDL	1177.0	1215.0	1167.1	1203.25	756049	1.81	55.87	1197.31	1221.94
BEML	3719.9	3815.0	3656.0	3786.6	345368	1.44	34.73	4124.21	4001.28
MTARTECH	1700.85	1750.0	1679.6	1723.9	165662	1.3	53.22	1670.98	1788.93
SOLARINDS	9688.6	9758.9	9525.95	9635.6	61746	0.15	41.55	9990.39	10160.33
DATAPATNS	2310.05	2354.95	2300.3	2310.55	65431	-0.12	38.59	2482.86	2720.95
KRISHNADEF	808.4	815.0	795.0	804.35	20000	-0.25	63.66	769.32	667.72
IDEAFORGE	606.1	614.5	600.0	601.7	56116	-0.28	48.26	609.48	686.08
HAL	4117.0	4133.35	4057.2	4097.35	1134421	-0.3	37.65	4296.79	4482.86
BEL	281.25	284.1	279.6	281.25	12715512	-0.3	38.08	295.79	282.78
GRSE	1543.0	1586.85	1520.0	1535.55	370342	-0.46	41.51	1633.66	1617.03
ASTRAMICRO	787.9	791.55	772.15	784.15	93084	-0.48	48.82	795.2	810.55
LMW	16126.05	16305.0	16050.1	16140.7	1598	-0.53	37.67	17114.58	16275.29
SIKA	2480.0	2523.75	2425.0	2500.0	925	-0.65	44.0	2589.63	2553.95
HIGHENE	618.0	624.0	602.0	608.25	2552	-0.67	42.52	638.24	719.2
MIDHANI	330.15	335.7	327.0	329.6	165544	-0.95	39.66	349.16	406.45
CFE	702.35	704.0	695.05	695.05	20000	-1.04	52.28	697.35	631.7
LOKESHMACH	317.5	320.0	311.0	312.2	29373	-1.08	37.17	334.6	391.1
COCHINSHIP	1492.3	1525.65	1461.55	1474.3	299199	-1.21	41.34	1544.68	1743.32
HBLPOWER	602.2	608.9	592.0	594.75	683107	-1.24	40.55	643.16	568.59
ADANIENT	2517.0	2517.55	2469.5	2477.9	705838	-1.48	47.08	2480.06	2966.84
BHARATFORG	1248.0	1254.45	1225.0	1227.3	636615	-1.7	30.24	1303.1	1458.13
LT	3599.9	3606.3	3486.0	3527.9	2921681	-1.9	37.51	3682.62	3618.61
AVANTEL	148.63	148.85	145.58	146.02	430484	-1.93	35.83	158.43	-
DCXINDIA	382.0	386.3	370.0	375.1	1051008	-2.22	65.06	346.11	337.22
PREMEXPLN	501.25	509.9	490.05	490.75	85731	-2.58	45.15	528.52	533.69
AZAD	1775.0	1807.65	1736.0	1750.05	94464	-2.72	50.48	1752.27	1567.02
APOLLO	133.74	134.39	128.02	129.44	4875192	-3.08	66.86	109.51	105.6
MARINE	245.5	246.5	235.5	237.55	118980	-3.42	34.89	279.44	200.68
PARAS	1110.0	1110.7	1060.0	1069.75	222704	-3.69	54.31	1036.55	1049.1
ROSSELLIND	76.93	79.0	73.08	73.94	47870	-3.89	33.15	77.86	349.93
PTC	143.01	143.34	138.0	138.13	2639697	-3.92	32.01	150.63	199.01
TEMBO	793.95	800.0	755.95	764.35	51335	-3.94	47.32	804.05	405.73
NIBE	1682.0	1682.0	1573.25	1585.65	41907	-4.25	36.57	1726.5	1748.1