

Top Gainers

Stock	Close	Prev	Change
AZAD	1832.45	1722.25	+6.4%
IDEAForge	624.35	590.15	+5.8%
TEMBO	849.05	808.65	+5.0%
MARINE	270.8	257.95	+4.98%
PTC	151.6	144.98	+4.57%

Top Losers

Stock	Close	Prev	Change
KRISHNADEF	760.1	780.65	-2.63%
NIBE	1675.6	1709.6	-1.99%
PARAS	1005.8	1008.2	-0.24%
HAL	4170.2	4178.35	-0.2%

Defense Business and Industry

Indian Navy to Commission Nilgiri, Surat, and Vaghsheer on Jan 15



01-Jan-25

The Indian Navy is poised to enhance its operational capabilities significantly with the commissioning of three frontline assets—'Nilgiri', a Project 17A stealth frigate; 'Surat', a Project 15B destroyer; and 'Vaghsheer', the sixth Kalvari-class submarine—on January 15, 2025, at the Naval Dockyard in Mumbai. This historic event marks a milestone in India's defense self-reliance, showcasing the nation's advanced indigenous shipbuilding capabilities as all vessels were constructed at Mazagon Dock Shipbuilders Limited. 'Surat' will be the Navy's first AI-enabled warship, while 'Vaghsheer' is designed for versatile operations, reinforcing India's maritime strength amid regional challenges including China's influence. The commissioning also underscores India's commitment to modernizing its naval fleet and ensuring a robust presence in the strategically important Indian Ocean Region.

HAL Sets Panel to Finalize GE-F414 Engine Deal for Tejas Mk2 by 2025



01-Jan-25

Hindustan Aeronautics Limited (HAL) has established a contract negotiation committee to expedite the finalization of the GE-F414 engine contract with the US for the LCA Mark 2 aircraft, aiming for completion by March 2025. A Memorandum of Understanding was signed in June 2023, focusing on the domestic production of these engines, with 80% of their value

subject to technology transfer—22% higher than previous agreements. Current discussions encompass technical documentation, assistance, training, and terms of supply, while officials downplay concerns over potential cost escalations. This initiative underscores India's commitment to enhancing indigenous defense capabilities and strengthening ties with American defense technology.

GTRE to Develop 90 kN Kaveri Engine for Tejas Mk1A Upgrade by 2035



01-Jan-25

India's Gas Turbine Research Establishment (GTRE) is advancing its indigenous aerospace capabilities with plans to develop a 90 kN variant of the Kaveri engine to replace the F-404 engines in Tejas Mk1A jets by 2035, aiming for increased thrust and performance under extreme conditions. Additionally, GTRE is nearing completion of a 130 kN Twin Engine Test Bed Facility in Bengaluru, which will be critical for testing both the dry Kaveri engine and the engine for the Advanced Medium Combat Aircraft (AMCA). This test bed, operational by October 2025, will support rigorous testing and innovation, reducing dependence on foreign technology and enhancing India's defense self-reliance. Together, these initiatives signal a significant commitment to strengthening India's indigenous defense production and positioning the country as a key player in global defense manufacturing.

Indian Army Enhances Tactical Mobility with Polaris RZR Pro XP 4



01-Jan-25

The Indian Army is enhancing its tactical mobility by inducting additional units of the Polaris RZR Pro XP 4, a high-performance all-terrain vehicle designed for modern warfare. With a powerful 181 horsepower

engine and adaptable drive systems, the RZR Pro XP 4 excels in diverse Indian terrains, facilitating quick deployments and versatile military tasks such as patrolling and medical evacuations. This procurement reflects the Army's commitment to modernization, allowing for dynamic and flexible warfare strategies essential for both combat and peacekeeping operations, which is crucial in counter-insurgency and border scenarios where rapid response is vital. Overall, this development signifies a significant step in bolstering India's defense capabilities.

## INS Tushil: India's Stealth Frigate Arrives by February

[SHARE](#)

01-Jan-25

INS Tushil, India's latest stealth missile frigate, is set to arrive on the western coast by mid-February following its commissioning in Russia. This advanced Krivak III class frigate, equipped with state-of-the-art missile systems and enhanced indigenous components, highlights India's commitment to self-reliance in defense. Its recent port call in Casablanca, Morocco, signifies a strategic move to strengthen bilateral relations with maritime nations and enhance interoperability through Passage Exercises. This integration of advanced technology and international cooperation reflects India's evolving naval capabilities and its strategic focus on maritime security in the Indian Ocean region and beyond.

## BrahMos Pursues Major Deal with Philippine Army After Success

[SHARE](#)

01-Jan-25

BrahMos Aerospace is advancing negotiations for a significant deal with the Philippine Army after successfully supplying supersonic cruise missiles to the Philippine Marine Corps, enhancing their coastal defense capabilities. The anticipated agreement, likely larger and tailored to the Army's operational needs, reflects India's growing defense export strategy and its strengthened military cooperation with the Philippines amidst regional maritime threats. This collaboration not only boosts the Philippines' military capabilities but also positions India as a key defense supplier in Southeast Asia. The integration of BrahMos systems will necessitate extensive training and logistical support, showcasing India's commitment to fostering a robust defense partnership in the region.

## Kaveri Engine Undergoes Key 70-Hour Flight Trials in Russia

[SHARE](#)

01-Jan-25

The Indian Defence Research and Development Organisation (DRDO) is conducting crucial 70-hour flight trials of the Kaveri derivative engine aboard a modified Russian Ilyushin Il-76 aircraft. This phase follows over 140 hours of previous testing and aims to validate the engine's performance at altitudes above 40,000 feet. A team of 20 scientists from DRDO's Gas Turbine Research Establishment will collaborate with Russian counterparts, focusing on assessing reliability and efficiency. These trials are pivotal for refining the engine's design and achieving certification for operational use, showcasing India's commitment to advancing its indigenous defense technology capabilities.

## GE Suggests Samsung F404-GE-102 Engines for Tejas Mk1A Interim

[SHARE](#)

01-Jan-25

General Electric (GE) has proposed the use of its licence produced Samsung Techwin's F404-GE-102 engines as an interim solution for India's Tejas Mk1A light combat aircraft amid delays in the delivery of the high-thrust F404-IN20 engines. The F404-GE-102 engines, with a maximum thrust of 78.7 kN, provide a stopgap option that allows Hindustan Aeronautics Limited (HAL) to maintain production schedules without a long-term commitment. These engines have proven reliability across various aircraft and come with redundancies suitable for single-engine operations, ensuring the Indian Air Force can receive its fighters on time. This proactive approach mitigates potential production bottlenecks, showcasing India's strategic adaptability in defense procurement.

## DG Propulsion Marks Milestone with Indigenous 1 kN Engine Test

[SHARE](#)

01-Jan-25

Delhi-based startup DG Propulsion has achieved a significant milestone by successfully conducting a test-run of its indigenous 100kg (1 kN) engine, enhancing India's self-reliance in aerospace technology. This development is crucial for India's defense and UAV capabilities, reflecting the government's push to reduce dependency on foreign technology. The engine is designed for military and civilian applications, potentially enabling advancements in UAVs, drones, and cruise missiles. This success not only highlights DG Propulsion's technical expertise but also serves as an inspiration for other Indian startups, supported by

initiatives like iDEX, to innovate in the aerospace sector, thereby strengthening India's position in the global market.

## Navstar Launches Advanced Antenna Systems for Indian Submarines



01-Jan-25

Hyderabad-based Navstar Integrated Systems Pvt. Ltd has unveiled advanced multifunction antenna systems for submarines, enhancing India's naval capabilities by consolidating various communication and navigation functions into a single system. The suite includes critical components like GPS/S-Band, UHF SATCOM antennas, and tactical communications support, which are essential for operational effectiveness in challenging underwater environments. This development signifies a step towards reducing India's reliance on foreign suppliers for submarine technology and could also position India as a potential exporter of innovative naval technologies globally, showcasing domestic advancements in defense capabilities.

## IAF Set to Induct First 16 TEJAS MK-1A Fighter Jets



01-Jan-25

The Indian Air Force (IAF) is set to receive its first 16 TEJAS MK-1A fighter jets, enhancing its aerial capabilities against Pakistan and China. These 4.5 generation multirole fighters feature advanced technologies like AESA radar and improved electronic warfare systems, contributing to India's self-reliance in defense. The IAF aims to acquire 180 TEJAS MK-1A jets to bridge squadron gaps, enabling a strategic focus on countering Chinese and Pakistani threats. This induction not only bolsters operational readiness but also supports India's "Make in India" initiative, reflecting a significant step towards greater military self-sufficiency and deterrence in a complex regional security environment.

## SAAB Seeks New Indian Partner After Split with Adani on Gripen



01-Jan-25

SAAB's collaboration with the Adani Group to manufacture the Gripen fighter jet in India has ended, leaving the company in search of new local partnerships to meet the Indian government's "Make in India" initiatives. Despite this setback, SAAB is committed to achieving significant indigenous content and technology transfer within three years of receiving an order from the Indian Air Force. The company faces tough competition from established players like

Lockheed Martin and Boeing, who have strong ties in India, making it imperative for SAAB to quickly secure new alliances to succeed in this competitive landscape.

## Defense Policy and Budgeting

### Defence Chiefs to Get ADCs from Sister Services, Boosting Integration



01-Jan-25

The Indian Defence Forces are set to enhance integration by assigning Aide-de-Camps (ADCs) from sister services to their chiefs, a significant shift from traditional practices. Starting January 1, 2025, this initiative is part of a broader reform agenda aimed at fostering jointness, with previous measures already in place, including cross-postings of junior and mid-level officers across services. This move signifies a commitment to transforming the military into a technologically advanced, combat-ready force capable of multi-domain operations. Analysts view this as a crucial step towards establishing theatre commands, embedding a culture of collaboration at the highest levels, and preparing the armed forces for future warfare scenarios. Overall, this reflects India's strategic focus on enhancing operational readiness and inter-service cooperation in an evolving geopolitical landscape.

### Defence Ministry Announces 2025 as Year of Strategic Reforms



01-Jan-25

The Ministry of Defence has designated 2025 as the Year of Reforms, aiming to enhance the Indian Armed Forces into a technologically advanced and combat-ready unit capable of integrated operations. Key initiatives include promoting jointness, focusing on emerging domains like Cyber and Space, simplifying acquisition processes, and fostering public-private partnerships. The reforms will also emphasize inter-service cooperation and position India as a credible defense exporter. Raksha Mantri Rajnath Singh expressed confidence that these reforms will significantly modernize the military, ensuring national security and sovereignty amid 21st-century challenges. This strategic vision reflects India's commitment to strengthening its defense capabilities and global standing.

## Geopolitics and Security Alliances

### India and Pakistan Renew Nuclear Facility Lists Under 1988 Pact SHARE

01-Jan-25

India and Pakistan have exchanged lists of their nuclear installations as part of a longstanding agreement that prevents both nations from attacking each other's atomic facilities. This exchange, conducted through diplomatic channels, marks the 34th consecutive year of this practice, adhering to the 1988 agreement that came into effect in 1991. Despite ongoing tensions, particularly regarding Kashmir and cross-border terrorism, this protocol reflects a commitment to nuclear transparency and risk reduction, reinforcing stability in a volatile region. The continuity of such exchanges highlights the importance of dialogue and adherence to agreements even amidst broader geopolitical challenges.

### Bangladesh Army Chief Praises India's Essential Partnership SHARE

01-Jan-25

Bangladesh's Army Chief General Waker-Uz-Zaman emphasized the importance of India's role as a key neighbor, highlighting the mutual dependencies in trade, healthcare, and strategic interests. He advocated for a fair and equal relationship, asserting that both nations should prioritize each other's interests without creating a sense of dominance. The dialogue aligns with India's recent diplomatic efforts, including Foreign Secretary Vikram Misri's visit, which aimed to address security concerns and the welfare of minorities in Bangladesh amid political changes. This cooperative stance reflects the commitment to stability and development in the region, reinforcing India and Bangladesh's shared aspirations for mutual growth and security.

### U.S. Urged to Speed Up NGAD Amid China's 6th Gen Fighter Display SHARE

01-Jan-25

China's recent showcase of sixth-generation fighter jets has intensified the global aerial arms race, pressuring the U.S. to expedite its Next Generation Air Dominance (NGAD) program aimed at preserving air superiority. This initiative is not merely about a new fighter jet but encompasses a comprehensive system of manned and unmanned aircraft designed for modern warfare. The advancements in China's military capabilities signal its ambition to contest U.S. dominance, particularly in the

Indo-Pacific. While the U.S. enhances its capabilities, international collaborations like the Global Combat Air Programme highlight a collective move towards advanced defense technologies, marking a shift in geopolitical dynamics and military preparedness.

### Pakistan Accuses India of Targeted Killings Amid Rising Tensions SHARE

01-Jan-25

Pakistan's Foreign Office has accused India of conducting targeted killings on its soil, claiming to possess concrete evidence of such operations aimed at individuals linked to Kashmiri terrorism. This allegation has intensified existing tensions between the countries, which have a history of mutual accusations related to cross-border terrorism. The spokesperson's comments suggest an effort to internationalize the issue and garner support against India, emphasizing the threat to regional peace and stability. India, on the other hand, may respond by denying these claims or presenting counter-evidence, continuing the cycle of accusations that complicates diplomatic relations and escalates military readiness in the region.

### Vietnam's BrahMos Purchase: A Strategic Shield Against China SHARE

01-Jan-25

Vietnam's potential acquisition of the BrahMos missile system from India is seen as a strategic move to counter Chinese aggression in the Gulf of Tonkin, especially following recent incidents involving Chinese maritime forces targeting Vietnamese fishermen. Analysts highlight that this acquisition aligns with Vietnam's pursuit of strategic autonomy rather than forming alliances against China, indicating a focus on self-defense. The trend mirrors the Philippines' integration of similar missile systems amid escalating tensions in the South China Sea. India's engagement in Southeast Asia is viewed as a means to enhance regional defense capabilities, fostering cooperation against China's expansionist policies while supporting friendly nations.

### Zelenskyy trusts new US President to halt Putin's aggression SHARE

01-Jan-25

Ukrainian President Volodymyr Zelenskyy expressed confidence in the new U.S. President's ability to end Russian aggression, emphasizing that genuine peace can only follow the cessation of hostilities. In a New Year address, he reflected on his communications with U.S. leaders, highlighting a united stance against Putin's

aggression. Zelenskyy celebrated the recent return of 189 Ukrainians from captivity, underscoring a commitment to repatriate citizens amid ongoing conflict. He articulated a resolute vision for 2025 as a pivotal year for Ukraine, reinforcing the notion that the nation will relentlessly pursue peace while standing firm against Russian hostilities, an essential stance for any democratic nation facing aggression.

## US Sanctions Russian, Iranian Entities for Election Interference



01-Jan-25

The U.S. Treasury has imposed sanctions on Russian and Iranian entities accused of attempting to influence American presidential elections through disinformation campaigns, including the use of AI-generated deep fakes and fake news websites. These actions aim to sow political discord within the U.S. while officials emphasize the need for vigilance against adversaries undermining democracy. The Russian embassy denied allegations of interference, labeling them as slander, while Iran has previously dismissed similar claims. Despite being seen as targeting minor players, the sanctions signal escalating geopolitical tensions between the U.S., Iran, and Russia, reflecting the ongoing struggle for influence in global affairs.

## Xi Jinping Reiterates Irreversible Path to China's Reunification



01-Jan-25

Chinese President Xi Jinping, in his New Year speech, reaffirmed China's commitment to reunification, emphasizing the "one country, two systems" policy while warning against perceived separatist forces in Taiwan, particularly in light of the recent election of pro-independence President Lai Ching-te. His remarks come amid rising military activities near Taiwan, seen as an effort to normalize China's military presence in the region. Xi's statements underscore China's assertive stance on Taiwan, framing reunification as an inevitable historical trend. This development highlights the geopolitical tensions in the Indo-Pacific, posing potential challenges for regional stability, which India must navigate carefully amid its own strategic interests.

## Israel Warns Houthi Rebels: Beware of Hamas and Hezbollah's Fate



01-Jan-25

Israel has issued a stern warning to Iran-backed Houthi rebels in Yemen following their missile attacks targeting Israeli locations, including Ben Gurion Airport.

Israeli Ambassador Danny Danon emphasized that the Houthis risk suffering the same fate as Hamas and Hezbollah if they continue their aggression. This follows intensified Israeli military action against Houthi positions in Yemen, as Israel asserts its capability to target any threat in the region. The situation has raised concerns over escalating violence and its potential impact on regional stability, with international calls for restraint amidst ongoing hostilities.

## Former Maldivian President Rejects Claims of Indian Political Plot



01-Jan-25

Former Maldivian President Mohamed Nasheed dismissed a Washington Post report alleging a plot to impeach current President Mohammed Muizzu, asserting that India would not interfere in Maldivian politics. The report claimed opposition politicians sought \$6 million from India to bribe parliament members and security officials for Muizzu's removal, with an Indian intelligence officer purportedly exploring the scheme. Nasheed emphasized India's support for Maldivian democracy and stated he was unaware of any conspiracy, reinforcing the notion that India has not dictated terms or actions in the Maldives. This situation highlights the delicate balance of geopolitical influences in the region, with India maintaining a stance of non-interference.

## Military Operations

### Indo-Nepal Joint Military Exercise "Surya Kiran" Begins in Nepal



01-Jan-25

The 18th edition of the Indo-Nepal Joint Military Exercise "Surya Kiran" commenced in Saljhandi, Nepal, with participation from 668 personnel from both the Indian and Nepali Armies. The exercise, which focuses on enhancing interoperability, counterinsurgency, counterterrorism, and humanitarian assistance, aims to strengthen the longstanding friendly relations between the two nations. Major General Prem Bahadur Pun of the Nepali Army highlighted the importance of sharing expertise to tackle regional security challenges effectively. With its inception in 2011, "Surya Kiran" underscores the collaborative spirit and commitment of India and Nepal toward mutual defense cooperation, fostering deeper ties in addressing contemporary security threats in the region. The exercise, set to conclude on January 13, 2025, reflects a shared vision for regional stability and security.

## Russia Launches New Year Drone and Missile Strikes on Ukraine SHARE

01-Jan-25

On New Year's Day, Russia launched a drone and missile strike on Ukraine, primarily targeting Kyiv, causing injuries and infrastructure damage. Ukrainian air defenses successfully intercepted several attacks, downing six of 21 missiles and 16 out of 40 drones, while confirming that a hypersonic Kinzhal missile was among those intercepted. The strikes resulted in damage to residential buildings and critical infrastructure, including educational facilities. This escalation highlights the ongoing conflict's intensity and Ukraine's resilience in defending its airspace, emphasizing the need for continued international support to bolster Ukraine's defensive capabilities against Russian aggression.

## US Military Strikes Houthi Targets to Protect Shipping in Red Sea SHARE

01-Jan-25

The U.S. military recently conducted precision strikes against Houthi targets in Yemen, aiming to deter the Iranian-backed group from continuing its attacks on Israel and commercial vessels in the Red Sea. The strikes targeted command and control facilities as well as weapons production sites. Despite these actions, Houthi representatives have vowed to persist in their operations supporting Gaza, condemning the U.S. actions as a violation of Yemeni sovereignty. This ongoing conflict underscores the complexities of regional dynamics, particularly the intertwining of local and international interests, and highlights the need for sustained diplomatic efforts to address the escalating violence in the region.

## Israel Intercepts Two Projectiles from Gaza Amid Ongoing Conflict SHARE

01-Jan-25

Israel's military reported intercepting two projectiles fired from Gaza, marking the first minutes of the new year with alarm sirens in the western Negev. While one projectile was successfully intercepted, the other fell in an open area. The military's ongoing operations have primarily targeted northern Gaza to prevent Hamas from regrouping following the deadly October 7 attack. This conflict has resulted in significant casualties, with over 45,500 deaths in Gaza, predominantly civilians, highlighting the severe humanitarian consequences. The situation underscores the complexities of the regional conflict, emphasizing the need for a strategic

approach by all involved parties to ensure stability and security.

## Ukrainian Sea Drone Claims First Air Target: Russian Helicopter Downed SHARE

01-Jan-25

Ukrainian military intelligence has claimed that a naval drone struck a Russian Mi-8 helicopter in the Black Sea, marking a significant milestone as the first successful downing of an air target by such a device. Although Russia's Defense Ministry reported the destruction of several Ukrainian drones, the incident highlights the evolving role of maritime drones in modern warfare, particularly in the ongoing conflict that has seen Ukraine intensify its drone capabilities since Russia's full-scale invasion. This development underscores the transformative impact of drones on naval engagements, as evidenced by their use in targeting Russian assets and reshaping operational strategies in the Black Sea region.

## Terrorism and Counterterrorism

## Manipur Sees 77% of Northeast India's Violent Incidents in 2023 SHARE

01-Jan-25

In 2023, Manipur accounted for 77% of the violent incidents in Northeast India, primarily due to ongoing ethnic tensions between the Meitei and Kuki communities, leading to over 250 fatalities. The Ministry of Home Affairs reported 243 incidents across the region, with 187 occurring in Manipur. The central government has actively supported the state through counter-insurgency operations, resulting in the elimination and arrest of insurgents, while also deploying additional security forces and resources. Despite these efforts, ethnic violence persists, underscoring the need for continued governmental engagement and strategic oversight to restore peace and stability in the region.

## MHA Report: CPI (Maoist) Declines Amidst Heightened Security Efforts SHARE

01-Jan-25

The Ministry of Home Affairs (MHA) report highlights that the CPI (Maoist) remains the principal Left-Wing Extremist group in India, responsible for over 90% of related violence, yet its geographical influence is shrinking significantly, with incidents reported from only

171 police stations in 42 districts in 2023 compared to 328 in 2013. Chhattisgarh and Jharkhand remain the most affected states. The report indicates a notable increase in security operations, leading to a fivefold rise in Maoist neutralizations. As the government intensifies efforts to eradicate Naxalism by March 2026, the improved operational strategies and development outreach are proving effective in countering this long-standing threat.

## Militants strike Imphal West village; security forces respond swiftly.

 SHARE

01-Jan-25

Suspected militants attacked the Kadangband area in Imphal West district, Manipur, early Wednesday, firing rounds and throwing bombs from hill positions in Kangpokpi district. Local village volunteers returned fire while additional security forces were deployed to manage the situation; fortunately, no injuries were reported. This incident is part of a troubling trend, as the Kadangband area has faced recurrent militant attacks since violence escalated in the state in May 2023. The Indian authorities' swift response underscores their commitment to maintaining security and stability in the region, highlighting the need for ongoing vigilance against such threats.

## India Boosts Extradition Efforts for 26/11 Attacks Accused Rana

 SHARE

01-Jan-25

India is intensifying the extradition process for Tahawwur Rana, a Pakistani-Canadian accused in the 2008 Mumbai attacks, following a favorable ruling from a US appeals court. The court upheld evidence against Rana, despite his previous acquittal on related charges in the US. Rana's extradition is crucial for India's efforts to bring to justice those involved in the attacks, particularly as it grapples with the challenge of US cooperation in counter-terrorism cases. His extradition signifies a step forward in holding accountable those who orchestrated the attacks and reflects India's commitment to addressing terrorism through international legal mechanisms.

## Israel Targets Fundraising Operation Supporting Hezbollah Terrorists

 SHARE

01-Jan-25

Israel has imposed economic sanctions on an operation supporting Hezbollah terrorists, particularly those injured in September's "Operation Grim Beepers," which resulted in significant casualties for the militant group. The sanctioned operation utilized crowdfunding

platforms to raise funds, reportedly amounting to tens of thousands of dollars aimed at restoring Hezbollah's operational capabilities. Israel's Money Laundering and Terror Financing Prohibition Authority emphasized that these sanctions are crucial in disrupting Hezbollah's funding routes, which have increasingly relied on social media and online donations. This strategic move reflects Israel's ongoing efforts to curb terrorist financing and enhance regional security.

## NIA Celebrates 100% Conviction Rate in 2024, Arrests 210 Suspects

 SHARE

01-Jan-25

The National Investigation Agency (NIA) achieved a remarkable 100% conviction rate in 2024, arresting 210 individuals across 80 cases, with a significant focus on tackling Left Wing Extremism (LWE) and Northeast insurgency. The NIA's operations included high-profile arrests, successful extraditions, and substantial arms seizures, showcasing its effectiveness in disrupting terrorist networks and criminal activities. Notable achievements included the swift charge-sheeting of key suspects in major cases, reinforcing its commitment to national security. The agency also enhanced state police capabilities by training 1,678 officials, emphasizing a proactive approach to counterterrorism and crime in India.

## Mil Personnel & Veterans

### Air Marshal Jeetendra Mishra Takes Command of IAF's Western Air Command

 SHARE

01-Jan-25

Air Marshal Jeetendra Mishra has assumed command of the Indian Air Force's Western Air Command as of January 1, 2025, succeeding Air Marshal Pankaj Mohan Sinha. Commissioned as a fighter pilot in December 1986, Air Marshal Mishra brings extensive experience with over 3,000 flying hours and a distinguished 38-year career in various critical positions, including Chief Test Pilot and Deputy Chief of Integrated Defence Staff. He is a recipient of the Ati Vishisht Seva Medal and Vishisht Seva Medal, reflecting his significant contributions to the IAF. His leadership is anticipated to strengthen operational capabilities in a strategically vital region, enhancing India's air power in defense of national interests.

## Miscellaneous

### ISRO Plans Six Major Launches in 2025, Including Vyommitra SHARE

01-Jan-25

ISRO is set for a landmark year in 2025, with a lineup of significant missions including the historic NVS-02 satellite launch, marking its 100th mission, and the Vyommitra mission, featuring a humanoid robot that will support India's Gaganyaan human spaceflight program. Additionally, the highly anticipated NISAR satellite, a collaborative effort with NASA for Earth observation, is expected to enhance India's capabilities in climate monitoring. Union Minister Dr. Jitendra Singh highlighted advancements like the SPADEX mission, which positions India as a leader in space docking technology, and the burgeoning space economy, projected to grow substantially. The transformation of India's space sector, enabled by the 2023 New Space Policy, has spurred private sector participation and innovation, reinforcing India's position on the global space stage. Under Prime Minister Modi's leadership, India's space endeavors are poised for unprecedented achievements.

### Court Jails 8 Pakistanis for 2015 Heroin Smuggling Case SHARE

01-Jan-25

A special court in India has sentenced eight Pakistani nationals to 20 years in prison for their involvement in smuggling 232 kg of heroin, valued at nearly Rs 7 crore, off the Gujarat coast in 2015. The convicts were apprehended by the Indian Coast Guard, who discovered the drugs along with satellite phones and GPS devices on their boat. The court emphasized the need for strict punishment to deter drug trafficking, rejecting pleas for leniency from the defense. This case highlights India's ongoing efforts to combat drug smuggling and enforce stringent anti-drug laws, showcasing its commitment to regional security and law enforcement.

### UK issues travel advisory: avoid unlicensed satellite phones in India SHARE

01-Jan-25

The UK government has updated its travel advisory for India, warning British nationals against using satellite phones without a license, noting previous arrests for such violations. The advisory emphasizes that permission from the Indian Department of

Telecommunication is essential for operating satellite-enabled devices, listening equipment, and powerful cameras. It serves as guidance for travelers, potentially affecting travel insurance claims if ignored. Additionally, the advisory maintains warnings against travel within 10km of the India-Pakistan border and in the regions of Kashmir and Manipur. This highlights India's stringent regulations on telecommunications, reinforcing its security measures in sensitive areas.

### India Supports Nurse on Death Row in Yemen, MEA Assures Aid SHARE

01-Jan-25

India is actively assisting in the case of Nimisha Priya, an Indian nurse facing the death penalty in Yemen for allegedly murdering a Yemeni citizen. The Ministry of External Affairs (MEA) has confirmed its commitment to explore all possible options to support her and her family during this distressing situation. MEA spokesperson Randhir Jaiswal emphasized the government's efforts to provide necessary assistance. This case highlights the broader issue of Indian nationals facing legal challenges abroad and underscores the importance of diplomatic support in safeguarding citizens' rights while navigating complex international legal frameworks.

### NPCIL Seeks Proposals for 220 MW Small Nuclear Reactors SHARE

01-Jan-25

India's Nuclear Power Corporation (NPCIL) has invited proposals for the establishment of 220 MW Bharat Small Reactors (BSRs) to replace coal-fired thermal power plants in industries such as steel and cement. These Pressurized Heavy Water Reactors are designed for efficiency and safety, offering a sustainable solution for decarbonization while enhancing the competitiveness of Indian industries in global markets. The government plans to deploy 40-50 BSRs within the next decade, leveraging private sector partnerships as part of its commitment to green energy and economic growth, emphasizing a strategic shift towards cleaner energy sources in industrial sectors.

### Launch of SpaDeX Signals India's Path to Its Own Space Station SHARE

01-Jan-25

India's Space Research Organisation (ISRO) is set to conduct its maiden satellite docking experiment, SpaDeX, on January 7, marking a significant advancement in its technological capabilities and paving the way for a future Indian space station. The

year will also see the launch of the NASA-ISRO Synthetic Aperture Radar (NISAR) satellite, along with the 100th launch from Sriharikota of the NVS-02 satellite for NavIC services. Furthermore, the first uncrewed Gaganyaan mission, featuring the Vyommitra robot, is anticipated in early 2024, with plans for human flight by 2025 or 2026. These initiatives highlight India's growing prowess in space technology and its ambitions for self-reliance in space exploration.

## New Aviation Law Set to Boost India's Air Sector from January 2025

01-Jan-25

The Bharatiya Vayuyan Adhiniyam, 2024, which replaces the outdated Aircraft Act of 1934, will come into effect on January 1, 2025. This new legislation aims to enhance the design and manufacturing capabilities within India's aviation sector, promoting ease of doing business. It provides comprehensive regulation over various aspects of aircraft operations, including design, maintenance, and trade. By streamlining outdated regulations and addressing redundancies, this initiative positions India as a rapidly growing player in the global civil aviation market, thus supporting the government's broader objective of self-reliance and boosting the defense and aerospace industries.

## Mumbai's Manastu Space tests eco-friendly propulsion system in space

01-Jan-25

Mumbai-based start-up Manastu Space successfully test-fired its green propulsion system, Vyom 2U, aboard the PSLV Orbital Experimental Module-4 (POEM-4), demonstrating its capabilities by tilting the platform 24 degrees and achieving an angular velocity of 0.5 degrees per second. This test is part of a larger initiative where the POEM-4 platform will host 24 experiments, facilitating significant advancements in space technology. By replacing carcinogenic hydrazine with a blend of hydrogen peroxide, this innovation marks a crucial step toward sustainable space exploration. The initiative, supported by ISRO and IN-SPACe, underscores India's commitment to fostering a thriving space ecosystem by enabling diverse contributors.

## Karachi Protests Turn Violent as Police Clash with Demonstrators

01-Jan-25

Violence erupted in Karachi during protests, resulting in police using tear gas and baton charges to disperse crowds, which led to clashes and injuries among at least 11 individuals, including six police officers. Protesters retaliated, with a police officer sustaining a critical gunshot wound. Sindh Chief Minister Murad Ali Shah condemned the violence but emphasized the right to protest, advocating for designated protest platforms. Meanwhile, MWM leaders criticized the police's heavy-handed approach, insisting their protests were peaceful and aimed at addressing the issues in Parachinar, and vowed to continue their demonstrations despite the crackdown, highlighting ongoing tensions over public dissent in Pakistan.

## Bangladesh Protesters Demand Recognition of July Uprising by Jan 15

01-Jan-25

Protesters in Bangladesh are demanding the government issue a proclamation recognizing the July uprising by January 15, to honor those affected during the protests. They are calling for significant reforms, including a new constitution to replace the one from 1972, and accountability from Prime Minister Hasina's administration. Demonstrators also seek a ban on Hasina's Awami League party, showcasing widespread dissatisfaction with the current political landscape. The interim government aims to reach a consensus on a declaration reflecting the uprising's broader goals, focusing on unity and state reform, which underscores the pressing need for political change and accountability in Bangladesh.

## Mother of OpenAI Whistleblower Demands FBI Probe into Death

01-Jan-25

Poornima Ramarao has called for an FBI investigation into her son Suchir Balaji's death, which she contests as a suicide, citing evidence of struggle and suspicious activity on his devices posthumously. Balaji, a former OpenAI employee, had raised concerns about the company's copyright practices and was reportedly preparing legal action against them. His death, now surrounded by allegations of foul play, has garnered attention from figures like Elon Musk, amplifying demands for accountability in the tech industry. The case highlights the potential dangers faced by

whistleblowers and raises critical discussions about corporate transparency and ethics.

## Delhi Police Bust Fake Aadhaar Card Racket to Combat Illegal Immigration



01-Jan-25

The Delhi Police have intensified their efforts against illegal immigration through "Operation All Out," arresting 11 individuals tied to a racket producing counterfeit Aadhaar cards and voter IDs for undocumented migrants, particularly Bangladeshi nationals. This crackdown has led to the identification of over 1,000 undocumented immigrants and the deportation of several individuals. The operation highlights the commitment of Indian authorities to safeguard national security by addressing illegal immigration and associated criminal activities, showcasing proactive measures to enhance border integrity and ensure that immigration processes are legitimate and secure. Such initiatives are essential for maintaining public order and the overall integrity of Indian identity systems.

## Chinese Embassy Extends Visa Fee Cuts to Boost India-China Ties



01-Jan-25

The Chinese Embassy in India has extended visa fee reductions until December 31, 2025, in an effort to bolster travel and engagement between the two nations, coinciding with progress in border discussions along the Line of Actual Control (LAC). The Indian Ministry of Defence has reported a consensus for restoring stability at the LAC, emphasizing ongoing diplomatic dialogues. Defence Minister Rajnath Singh highlighted the positive outcomes of sustained discussions in addressing border tensions. This initiative is expected to facilitate increased tourism and business exchanges, further enhancing India-China

relations while demonstrating a commitment to mutual security and cooperation.

## India's Rise as a Global Leader in Technology and Defense



01-Jan-25

India showcased remarkable advancements in 2024, solidifying its position as a global leader in sectors like defence, biotechnology, and space. Indigenous defence production reached a record ₹1.27 lakh crore, highlighting the success of relaxed FDI policies and the Positive Indigenization Lists. Notable achievements included missile tests and the expansion of nuclear capabilities, with the goal of tripling power generation by 2031-32. Additionally, breakthroughs in pharmaceuticals and significant strides in the space sector, such as the Venus Orbiter Mission, emphasized India's commitment to sustainable progress and technological innovation, bolstering its strategic autonomy and global influence.

## Tickets for Republic Day Parade & Beating Retreat on Sale Jan 2, 2025



01-Jan-25

The sale of tickets for the Republic Day Parade on January 26, 2025, and the Beating Retreat ceremonies will begin on January 2, 2025. Ticket prices are set at ₹100 and ₹20 for the parade, and ₹100 and ₹20 for the Beating Retreat events. Purchases can be made online or at designated counters, requiring a valid photo ID. This initiative reflects India's commitment to honoring its armed forces and promoting public participation in national celebrations, reinforcing the cultural significance of these events while showcasing India's military prowess and unity. The proactive approach in ticket sales emphasizes transparency and accessibility for citizens.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
AZAD	1719.9	1849.0	1702.9	1832.45	384269	6.4	62.81	1737.1	1549.5
IDEAFORGE	599.0	632.0	599.0	624.35	333755	5.8	57.5	609.77	688.83
TEMBO	829.95	849.05	810.0	849.05	52668	5.0	63.01	782.68	389.28
MARINE	259.95	270.8	249.95	270.8	157881	4.98	48.16	289.15	195.82
PTC	144.26	152.05	144.26	151.6	1537044	4.57	40.6	160.22	199.96
CFE	670.35	702.0	670.35	701.0	8600	4.57	54.5	702.92	623.44
ROSSELLIND	75.99	79.36	74.05	79.04	71922	4.56	39.49	81.28	358.56
TANEJAERO	426.5	454.85	425.9	439.55	23430	4.52	49.2	453.01	490.69
APOLLO	117.5	123.98	116.71	120.68	20407186	4.5	79.36	100.1	104.74
AVANTEL	151.71	161.5	151.71	159.95	486442	4.4	48.82	163.3	-
PREMEXPLN	542.0	555.7	526.85	539.0	178930	3.23	57.09	517.63	526.6
DCXINDIA	349.95	367.0	348.05	357.95	1232041	2.87	62.55	332.96	334.27
GRSE	1612.0	1675.0	1606.0	1650.1	428606	2.08	50.6	1687.49	1591.96
LOKESHMACH	313.45	323.55	311.15	320.15	85787	1.91	35.84	348.33	390.52
COCHINSHIP	1558.4	1581.0	1511.05	1567.0	359906	1.84	52.34	1586.4	1722.42
HBLPOWER	622.1	638.4	620.2	633.2	623239	1.83	49.46	657.11	563.69
LT	3600.0	3689.0	3599.95	3667.5	1202029	1.66	47.24	3759.18	3616.73
MIDHANI	337.45	344.3	335.6	342.8	187376	1.6	43.96	363.15	407.35
ZENTEC	2453.7	2515.0	2431.05	2480.2	240791	1.41	69.88	2273.13	1493.78
ASTRAMICRO	768.0	784.3	761.6	777.85	94961	1.35	46.75	800.0	803.75
BEML	4070.0	4129.35	4060.0	4120.5	99363	1.27	47.72	4252.14	3968.6
DATAPATNS	2470.6	2509.35	2463.6	2498.25	69178	1.12	50.15	2557.52	2718.95
ADANIENT	2536.0	2644.2	2518.25	2554.85	2875721	1.04	53.48	2469.74	2983.15
BDL	1112.05	1139.75	1112.05	1133.7	193054	0.97	43.74	1213.46	1211.98
MTARTECH	1650.75	1680.0	1650.25	1673.65	56257	0.93	49.05	1683.84	1789.01
SOLARINDS	9750.0	9939.45	9750.0	9864.25	25116	0.83	43.07	10343.32	10116.8
MAZDOCK	2230.0	2284.0	2220.0	2243.8	1981901	0.72	43.74	2411.67	1937.62
HIGHENE	605.0	620.0	605.0	614.0	1237	0.71	41.4	652.22	717.16
SIKA	2547.85	2550.0	2500.0	2549.9	1561	0.6	46.72	2629.91	2516.82
LMW	17750.0	17820.0	17576.05	17779.35	1737	0.6	65.2	17230.0	16196.96
BEL	293.15	294.6	290.25	293.9	6954271	0.26	45.53	303.96	279.94
BHARATFORG	1303.3	1304.65	1288.15	1299.9	358152	0.03	40.38	1332.97	1453.75
HAL	4178.35	4187.25	4127.0	4170.2	696846	-0.2	38.01	4428.39	4452.05
PARAS	1010.95	1015.0	1003.05	1005.8	45545	-0.24	42.0	1063.05	1037.38
NIBE	1707.0	1710.0	1664.85	1675.6	17696	-1.99	42.12	1777.05	1739.15
KRISHNADEF	767.1	780.0	756.1	760.1	16250	-2.63	57.73	738.05	654.11