

Top Gainers

Stock	Close	Prev	Change
DCXINDIA	273.84	247.41	+10.68%
SIKA	698.75	664.6	+5.14%
ASTRAMICRO	806.3	767.4	+5.07%
NIBE	1468.85	1398.95	+5.0%
DYNAMATECH	6615.0	6311.5	+4.81%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	75.77	77.66	-2.43%
ZENTEC	1475.0	1497.7	-1.52%
WALCHANNAG	199.26	200.66	-0.7%
PTC	179.72	180.06	-0.19%
PREMEXPLN	391.55	392.2	-0.17%

Defense Business and Industry

China Unveils Advanced Non-Nuclear Hydrogen Explosive for Precision Strikes



21-Apr-25

China has developed a non-nuclear hydrogen explosive that utilizes magnesium hydride, enabling precise thermal strikes without the fallout associated with traditional nuclear weapons. Weighing approximately 2 kilograms, the device can generate an intense fireball exceeding 1,000 degrees Celsius, with controllable blast intensity for targeted warfare. This advancement in weapon technology highlights China's commitment to enhancing its military capabilities while minimizing environmental impact. As India continues to strengthen its defense infrastructure and technological prowess, vigilance is crucial in monitoring such developments, ensuring it remains prepared to counter emerging threats in the region effectively.

India Chooses F414 Over EJ200 for Tejas Mk2, Prioritizing Cost and Supply Chain



21-Apr-25

India has opted for the GE F414 engine over the EJ230 for its Tejas Mk2 and AMCA Mk1, prioritizing cost-effectiveness and established supply chains, aligning with the 'Make in India' initiative. Concurrently, India is finalizing a \$4.5 billion agreement for a 6th generation jet engine for the AMCA, with negotiations focusing on technology transfer and intellectual property rights, featuring GE, Safran, and Rolls-Royce as key contenders. Rolls-Royce's proposal stands out due to

its extensive experience and complete IPR transfer, crucial for India's self-reliance in advanced propulsion. This strategic move underscores India's commitment to bolster its aerospace capabilities, aiming for a robust defense modernization to address regional threats, particularly from China's advancements in military aviation.

IAI and DCX Launch ELTX Joint Venture to Boost India's Defense Capabilities



21-Apr-25

IAI (Israel Aerospace Industries) and DCX Systems Limited have established a joint venture named ELTX to enhance India's defense capabilities in line with the Atmanirbhar Bharat initiative. This partnership aims to facilitate the transfer of advanced technology for airborne radars and ground systems, bolstering India's self-reliance in defense manufacturing. IAI's long-standing commitment to India includes investments in local workforce development and technology collaborations, ensuring that these advanced systems are tailored to the needs of the Indian Armed Forces. The joint venture exemplifies the growing defense cooperation between India and Israel, positioning India as a global hub for defense innovation and economic growth.

Indian Navy Launches INS Tavasya, Second Stealth Frigate



21-Apr-25

The Indian Navy, in collaboration with Goa Shipyard Limited (GSL), has launched the INS Tavasya, its second stealth guided missile frigate, marking a significant milestone in India's indigenous warship-building capabilities. With over 56% indigenous content, Tavasya symbolizes India's commitment to self-reliance and resilience in the face of global supply chain

disruptions. Designed for multi-role operations, it enhances the Navy's deterrence and operational reach in the Indian Ocean Region. This achievement supports India's goal of reaching ₹50,000 crore in defense exports by 2029, reinforcing its strategic ambitions and establishing a stronger maritime presence globally.

## India Enhances Su-30MKI with Advanced Electronic Warfare Systems SHARE

21-Apr-25

India's Defence Acquisition Council has approved advanced electronic warfare upgrades for the Su-30MKI fleet, enhancing its capability to operate in contested environments against adversaries like Pakistan and China. This modernization involves the integration of indigenous EW systems, including the Yodha and Anidra suites, which improve the aircraft's survivability and effectiveness in deep strike missions. The enhanced capabilities will allow the Su-30MKI to penetrate enemy airspace more effectively, compelling Pakistan to rethink its air defense strategies and invest in countermeasures. Overall, these upgrades signify India's commitment to maintaining air superiority and fostering self-reliance in defense manufacturing, ensuring operational readiness for decades to come.

## BrahMos Missile Production Launches in Lucknow on May 11 SHARE

21-Apr-25

The BrahMos missile production is set to commence in Lucknow on May 11, marking a pivotal advancement for India's defense sector, transitioning from major importer to exporter. The facility, established in the Uttar Pradesh Defence Industrial Corridor, aims to produce 100 missiles initially, with plans to ramp up production significantly. This initiative is expected to bolster India's defense exports, which have already reached ₹24,000 crore, with aspirations to double this by 2029. Local infrastructure improvements and international collaborations for missile development further reinforce Lucknow's strategic importance, positioning it as a key player in India's defense and economic growth.

## HAL's 3D Printing Innovation to Transform Aircraft Manufacturing SHARE

21-Apr-25

Hindustan Aeronautics Limited (HAL) is set to revolutionize aircraft production by developing an aerospace-grade 3D printer capable of manufacturing critical components from titanium alloys and maraging steel. This initiative aligns with India's Make in India and

Atmanirbhar Bharat efforts, significantly reducing production times and costs while enhancing indigenous capabilities. The project aims to streamline complex components' manufacturing, potentially transforming timelines from weeks to days, thereby alleviating bottlenecks in programs like the Light Combat Aircraft (LCA) Tejas. HAL's collaboration with academic and industrial partners will be crucial in overcoming challenges related to material properties and certification, underscoring the importance of sustained investment and innovation in defense manufacturing.

## IAF to Tender for 114 Multirole Fighters, Prioritizing Quick Acquisition SHARE

21-Apr-25

The Indian Air Force (IAF) is set to issue a tender for 114 Multi-Role Fighter Aircraft (MRFA) to enhance its combat capabilities, addressing a critical shortfall in fighter squadrons. With current strength at 31 against a required 42 and the impending retirement of aging aircraft, the IAF is prioritizing swift modernization, especially in light of regional threats from China and Pakistan. Notably, the IAF may fast-track the acquisition of 40 additional Rafale jets, leveraging existing operational synergies. This strategic move emphasizes the importance of maintaining deterrence and operational readiness in a potential two-front scenario.

## Indian Army Innovates with 3D Printing and Drone Training Course SHARE

21-Apr-25

The 39 Gorkha Training Centre (GTC) in Varanasi has launched a pioneering 3D Printing and FPV Drone Development Course, enhancing military training through the integration of advanced technologies. Soldiers have gained hands-on experience in assembling and operating FPV drones, which are critical for modern warfare's reconnaissance and tactical operations. This initiative emphasizes self-reliance and indigenous innovation, aligning with India's Atmanirbhar Bharat initiative. By fostering technical skills in drone technology and 3D printing, the GTC not only empowers soldiers but also reduces dependence on foreign technology, thus strengthening national defense capabilities in a rapidly evolving battlefield environment.

## India Becomes Armenia's Leading Arms Supplier, Securing 43% of Imports SHARE

21-Apr-25

India has emerged as Armenia's top arms supplier, accounting for 43% of its imports between 2022 and

2024, as reported by SIPRI. This significant shift highlights India's growing influence in the South Caucasus, driven by Armenia's dissatisfaction with Russia as a supplier amid the Ukraine conflict. Key contracts include the supply of Akash-1S air defense systems and multi-barrel rocket launchers, enhancing Armenia's military capabilities against Azerbaijan. India's strategic push for defense exports and favorable financing is positioning it as a global arms player, challenging Russian dominance and strengthening ties in politically unstable regions, thus aligning with India's broader geopolitical interests.

## Boeing F-47: The U.S. Air Force's Next-Gen Fighter Unveiled

[SHARE](#)

21-Apr-25

The U.S. Air Force recently unveiled the Boeing F-47, a sixth-generation fighter jet aimed at countering Chinese advancements like the Chengdu J-36 and Shenyang J-50. With advanced stealth, speed, and integrated drone operations, the F-47 is positioned to redefine air superiority. The program, rooted in the 2010s under the NGAD initiative, seeks to procure 200-250 aircraft by the 2030s amidst budget constraints and debates on manned versus unmanned platforms. While the F-47's development is crucial for U.S. air dominance, challenges such as high costs and production supply risks remain. The selection of Boeing also promotes competition and innovation within the U.S. defense industry.

## Japan Joins India in Pursuit of C-17 Globemaster III Amid Rising Demand

[SHARE](#)

21-Apr-25

Japan is exploring the acquisition of Boeing's C-17 Globemaster III strategic airlifters, a move that aligns with India's interest in securing additional units to enhance airlift capabilities. Both nations face challenges since C-17 production ended in 2015. While Japan's pursuit may be influenced by evolving security dynamics with China and North Korea, India seeks to address operational gaps within its aging Ilyushin Il-76 fleet, which cannot meet rising demands. The C-17's superior payload capacity and interoperability with U.S. forces are pivotal for both countries in their strategic military operations, particularly concerning rapid-response scenarios in the Indo-Pacific region.

## JSR Dynamics Launches MGLD-W: 297 km Missile Drone for Precision Strikes

[SHARE](#)

21-Apr-25

JSR Dynamics Pvt. Ltd. has launched the Miniature Ground Launched Drone-Weaponized (MGLD-W), a 400 kg missile drone capable of hitting targets up to 297 km away at speeds of Mach 0.85. This autonomous system enhances India's precision strike capabilities with its advanced navigation and terminal guidance technology, making it effective against various targets, including mobile or fortified ones. The ground-launch capability allows rapid deployment from mobile units, providing a tactical advantage while keeping personnel safe. Overall, the MGLD-W represents a significant advancement in India's military capabilities, enabling effective standoff operations and improving response times to emerging threats.

## DRDO to Boost DATRAN Engine Power to 1800 HP for Future Tanks

[SHARE](#)

21-Apr-25

India's Defence Research and Development Organisation (DRDO) is set to enhance the DATRAN-1500 HP engine for the Futuristic Main Battle Tank (FMBT) and the upgraded Arjun Mk1A, with plans to upgrade its power output to 1800 HP using a modular design. This initiative promotes self-reliance in defense manufacturing while aiming for a hybrid electric propulsion system to enable stealth operations. Such advancements are crucial for developing tanks capable of withstanding modern threats and maintaining operational flexibility. The commitment to indigenous technologies positions India strongly in defense innovation, significantly reducing dependency on foreign suppliers and enhancing combat readiness.

## HAL Stays Committed to HTFE-25 Engine Goal Despite Setbacks

[SHARE](#)

21-Apr-25

Hindustan Aeronautics Limited (HAL) remains dedicated to the HTFE-25 engine project, aiming for production readiness by 2030 despite facing delays due to land clearances and procurement issues. The HTFE-25, a 25 kN thrust turbofan engine, is crucial for India's self-reliance in aerospace and reducing dependence on foreign suppliers, impacting programs like the Tejas Light Combat Aircraft. Recent advancements, including a new 10,000 sq. meter test facility, have bolstered HAL's confidence in meeting its target. Successfully developing the HTFE-25 will not only enhance India's defense capabilities but also support the 'Aatmanirbhar Bharat' initiative,

strengthening its position in the global aerospace market.

## Defense Policy and Budgeting

### DRDO Chief Calls for Doubling R&D Investment to Meet Defense Needs

🔒 SHARE

21-Apr-25

At the THE WEEK Defence Conclave 2025, DRDO Chairman Dr. Samir V. Kamat emphasized the urgent need for India to increase R&D investment in defense from the current 5-6% to 10-15% of its defense budget. He highlighted India's advancements in technologies like directed energy weapons but cautioned that sustained innovation demands long-term funding and a culture that embraces risk. The DRDO aims for 90% self-reliance in defense production by 2030 and seeks to counter global threats through indigenous development in sectors like hypersonics and quantum technologies. Despite progress, challenges remain, including fiscal constraints and the need for systemic reforms to enhance defense preparedness.

## Geopolitics and Security Alliances

### India and Vietnam to Seal \$700M BrahMos Deal Amid South China Sea Tensions

🔒 SHARE

21-Apr-25

India is advancing its defense exports with significant deals, notably finalizing a \$700 million BrahMos missile agreement with Vietnam and delivering a second battery of the same system to the Philippines. These developments enhance Vietnam's defense capabilities against rising South China Sea tensions and reinforce the Philippines' coastal defense amid aggressive Chinese activities. The BrahMos missile, which operates at nearly three times the speed of sound, underlines India's strategic partnerships in the Indo-Pacific and shows a shift from India being a consumer of defense systems to a key exporter. The growing demand for BrahMos reflects India's commitment to regional security and the success of its Make in India initiative, positioning India as a pivotal player in reshaping defense cooperation in Southeast Asia.

## Canadian MP Arya Calls for Unity Against Khalistani Extremism

🔒 SHARE

21-Apr-25

Canadian MP Chandra Arya has called for unity among Hindu and Sikh communities in Canada against the rising influence of Khalistani extremism following recent attacks on religious sites, including the defacement of the Laxmi Narayan Mandir and Khalsa Diwan Society Gurdwara. Arya emphasized that these incidents are part of a broader campaign by a small group of well-organized and politically backed separatists aiming to sow division and fear, undermining the historical ties between the two communities. He urged immediate action from authorities, criticizing political leaders for failing to address the threats and the rising Hinduphobia faced by Hindu-Canadians. Arya's appeals highlight the need for solidarity and robust law enforcement to protect all communities from violence and intimidation, reinforcing that silence is no longer an option.

## India to Launch Advanced Underwater Sensor Network to Strengthen Maritime Security Against Chinese Submarines

🔒 SHARE

21-Apr-25

India is set to launch an advanced underwater sensor network, dubbed Deep Ocean Watch, in the Indian Ocean to counter growing Chinese submarine activity, which has surged since 2020. This initiative, developed with the Defence Research and Development Organisation (DRDO), will deploy sophisticated detection systems in strategic areas such as the Bay of Bengal and around the Andaman and Nicobar Islands. By integrating various sonar technologies and collaborating with allies like the U.S. and Japan, India aims to enhance its maritime domain awareness and secure critical trade routes. This proactive step underscores India's commitment to safeguarding its national interests amid rising geopolitical tensions in the region.

## General Munir's Rhetoric Signals Pakistan's Return to Instability

🔒 SHARE

21-Apr-25

In a recent address, Pakistani army chief General Asim Munir's rhetoric suggested a return to instability and ideological grandstanding, as he invoked Kashmir and the Two Nation theory while downplaying terrorism in Balochistan. His speech, perceived as a sign of military dominance over Pakistan's political landscape,



emphasized threats rather than reform, aimed at stirring nationalist sentiments among expatriates. The alarming rise in terrorism and the socio-economic struggles of Pakistanis abroad contrasted sharply with India's growing diaspora prosperity, highlighting Pakistan's vulnerabilities. Thus, Munir's address underscores a troubling trend of reliance on intimidation rather than constructive engagement, further isolating Pakistan in the geopolitical landscape.

## Rajnath Singh: PoK's Desire to Join India Will Rise Soon SHARE

21-Apr-25

Defence Minister Rajnath Singh asserted that the people of Pakistan-Occupied Kashmir (PoK) will seek merger with India, emphasizing the region's contrasting economic development compared to Jammu and Kashmir. He highlighted India's significant economic progress, moving from the 11th to the 5th largest economy globally, and its leadership in digital transactions, which could influence PoK residents' sentiments. Singh's remarks coincide with reports of unrest in PoK against Pakistani governance, suggesting potential shifts in public opinion. This strategic focus aligns with India's ongoing diplomatic efforts regarding PoK, reinforcing its claim over the region while showcasing India's economic and geopolitical advancements.

## INS Sunayna Visits Mauritius to Boost Maritime Partnerships SHARE

21-Apr-25

INS Sunayna is currently deployed under the Indian Ocean Ship (IOS) SAGAR initiative to enhance maritime ties, having recently visited Nacala, Mozambique, before heading to Port Louis, Mauritius. This mission involves collaborative efforts with nine friendly foreign nations, emphasizing India's commitment to maritime security and partnerships in the Indian Ocean Region. The ship's crew of 44 includes personnel from various nations, showcasing India's role in promoting regional stability and cooperative security. The deployment reaffirms India's dedication to fostering mutual trust and collective security in the region, aligning with its vision of a secure and prosperous Indian Ocean.

## Refit of MNDF Huravee Boosts India-Maldives Defense Ties SHARE

21-Apr-25

The Indian Navy has successfully completed a significant refit of the Maldivian Coast Guard Ship MNDF Huravee at Naval Dockyard, Mumbai, reinforcing

the strong defense cooperation between India and the Maldives. This refit, which involved extensive maintenance of machinery and a habitability upgrade, reflects India's commitment to regional maritime security under the MAHASAGAR vision and Neighbourhood First policy. The MNDF Huravee, delivered under the Make in India initiative, has been pivotal in humanitarian assistance and disaster relief operations in the Maldives, demonstrating India's role as a reliable partner in the region and enhancing maritime capabilities for both nations.

## Military Operations

## Zelenskyy Calls for 30-Day Halt to Russian Airstrikes on Civilians SHARE

21-Apr-25

Ukrainian President Volodymyr Zelenskyy proposed a 30-day pause on Russian airstrikes targeting civilian infrastructure, citing over 2,000 violations of a brief Easter ceasefire by Russian forces, despite claims of compliance by Moscow. While Zelenskyy noted a lack of air raid alerts on the day of the proposal, he reported numerous instances of shelling and assaults, indicating that Russia was not adhering to the truce. Russian officials, on the other hand, accused Ukraine of launching drone strikes during the ceasefire period. This ongoing conflict highlights the challenges of establishing a lasting ceasefire, with both sides accusing each other of aggression and undermining peace efforts amid a complex geopolitical landscape. Zelenskyy's call for a pause reflects Ukraine's desire to protect civilian lives while exposing Russia's continued military aggression.

## J&K: Soldier Naib Subedar Baldev Singh Dies at Siachen Glacier SHARE

21-Apr-25

A soldier, Naib Subedar Baldev Singh of the 18th Battalion of the Jammu and Kashmir Rifles, tragically lost his life on April 20 while serving on the Siachen Glacier, the world's highest battlefield. The Indian Army recognized his sacrifice with tributes from senior officials, including General Upendra Dwivedi, who shared a personal connection with Singh, having mentored him during his career. Singh's bravery and dedication symbolized the indomitable spirit of Indian soldiers, as he served under challenging conditions at Kumar Post. The harsh environment of Siachen has historically claimed more lives due to weather than combat, underscoring the extreme challenges faced by

the Indian Armed Forces in maintaining control over this strategic region since Operation Meghdoot in 1984. Singh's legacy will continue to inspire future generations of soldiers, reflecting the commitment and sacrifice of the Indian defense forces.

## Indian Navy's IOS SAGAR Concludes Productive Mozambique Visit



21-Apr-25

The Indian Navy's IOS SAGAR recently concluded a productive visit to Mozambique, featuring joint training with the Mozambique Armed Forces on critical skills such as Visit, Board, Search and Seizure, firefighting, and damage control. The mission also included community outreach initiatives like medical camps for locals and support for a local orphanage, reflecting India's commitment to regional partnerships and maritime security. With 44 personnel from nine friendly nations aboard, the visit emphasizes India's proactive approach in fostering closer ties with African nations under its SAGAR initiative, which stands for Security and Growth for All in the Region, enhancing both military cooperation and cultural bonds.

## IAF MiG-29s and Jaguars engage in Desert Flag drills in UAE.



21-Apr-25

The Indian Air Force (IAF) is participating in the multinational Desert Flag-10 exercise in the UAE, featuring MiG-29s and Jaguars from April 21 to May 8, alongside air forces from various nations including the US and UK. This exercise aims to enhance interoperability and military cooperation through complex fighter engagements. Concurrently, the DUSTLIK-VI joint military exercise with Uzbekistan is being conducted in Pune, focusing on counterterrorism operations and joint multi-domain tactics. These initiatives underscore India's commitment to strengthening defense ties, sharing best practices, and enhancing strategic partnerships in the region, thereby bolstering its military readiness and collaborative defense efforts.

## Indian Army Launches Integrated Battle Groups for Swift Response



21-Apr-25

The Indian Army is modernizing its combat structure with the introduction of Integrated Battle Groups (IBGs), aimed at enhancing military responsiveness and operational capabilities by 2025. Each IBG, comprising 5,000-7,000 soldiers, integrates various combat components for tailored response to specific threats,

particularly along the borders with China and Pakistan. The dual-configuration strategy of offensive and defensive IBGs, designed for different terrains, allows rapid mobilization within 12-48 hours, significantly improving response times. This initiative reflects India's strategic adaptability to evolving security challenges, showcasing a shift towards more integrated warfare that enhances both agility and effectiveness on the battlefield.

## Security forces seize major arms cache in Manipur operations.



21-Apr-25

In a recent series of joint operations conducted between April 13 and 19, the Indian Army and Assam Rifles, alongside various police forces, successfully recovered a substantial cache of arms and ammunition in Manipur, including weapons, Improvised Explosive Devices (IEDs), and grenades across several districts. Notably, a training camp was destroyed, showcasing the effectiveness of coordinated efforts among security agencies in combating militancy. These operations reaffirm the Indian security forces' commitment to maintaining peace and stability in Manipur, highlighting their proactive approach to neutralizing threats and enhancing regional security. Such initiatives not only bolster local safety but also reinforce the Indian government's resolve in tackling insurgency challenges in the northeastern states.

## US and Philippines Kick Off 'Balikatan' Drills to Counter China



21-Apr-25

The US and Philippine militaries have commenced the "Balikatan" exercises, involving around 17,000 troops to bolster defense capabilities against China's assertiveness in the South China Sea. This year marks the first inclusion of integrated air and missile defense simulations, with the US deploying advanced weapons like the NMESIS anti-ship missile system. The Philippines is actively seeking to enhance its military arsenal, including potential acquisitions of F-16 fighter jets and missile systems, amidst rising tensions in the region. Given its strategic location, the Philippines' participation is crucial for US defense strategies, highlighting a commitment to mutual defense against perceived threats from China.

## Putin Declares Resumption of Fighting in Ukraine After Easter Ceasefire



21-Apr-25

Russian President Vladimir Putin's announced that fighting in Ukraine has resumed following a ceasefire that was previously established for Easter. This escalation underscores the ongoing volatility in the region and raises concerns about stability in Eastern Europe. While the ceasefire offered a temporary reprieve, the resumption of hostilities emphasizes the persistent tensions between Russia and Ukraine, which could have broader implications for international security. The situation necessitates careful monitoring, as it could influence geopolitical alignments and defense strategies, particularly for nations concerned about regional security, including India, given its historical concerns regarding territorial integrity and defense preparedness.

## US Airstrikes in Yemen Target Houthi Rebels, 12 Killed



21-Apr-25

U.S. airstrikes in Yemen's capital, Sanaa, reportedly killed 12 and injured 30, as part of an intensified campaign against Houthi rebels, who have threatened maritime security in the Red Sea and targeted Israeli shipping. The strikes followed recent attacks by the Houthis on over 100 merchant vessels, disrupting a vital trade route. This escalation coincides with U.S.-Iran negotiations regarding Tehran's nuclear program and reflects a shift in U.S. policy towards a more aggressive stance under President Trump compared to President Biden. The Houthis' control over the narrative and the lack of transparency from U.S. military operations complicate assessments of the strikes' impact on regional stability.

## India, Kyrgyzstan Prepare for Exercise Khanjar to Enhance Defense Ties



21-Apr-25

India and Kyrgyzstan are set to enhance their military cooperation through Exercise Khanjar, an annual joint training initiative featuring elite troops from India's Parachute Regiment and Kyrgyzstan's Scorpion Brigade. This exercise, focusing on counter-terrorism and special operations in challenging terrains, aims to boost interoperability and operational capabilities while showcasing indigenous Indian defense technology. It also underlines the strategic partnership between the two nations, addressing common security challenges like terrorism. The inclusion of cultural exchanges, such as the celebration of Nowruz, further strengthens

personal bonds and reflects their commitment to mutual trust and security collaboration in the region.

## Terrorism and Counterterrorism

### Eight Naxals Neutralized in Successful Jharkhand Operation



21-Apr-25

Eight Naxals were neutralized in an encounter with CoBRA commandos of the CRPF and local police in Bokaro, Jharkhand. The operation, which took place early in the morning, resulted in the seizure of various firearms, including an AK series rifle and multiple INSAS rifles. Remarkably, no security personnel were reported injured, showcasing the effectiveness of the CoBRA unit, known for its expertise in jungle warfare. This operation highlights the Indian security forces' commitment to combating insurgency and maintaining stability in affected regions, ultimately contributing to national security and the rule of law.

### NIA Uncovers New Links in Khalistani Terror Plot, Adds 3 Accused



21-Apr-25

The National Investigation Agency (NIA) has filed a second supplementary chargesheet in the Neemrana hotel firing case, linking it to Canada-based Khalistani terrorist Arsh Dala. Three additional accused—Dharmendra Singh, Gaurav, and Deepak—were added to the existing charges, increasing the total to six. This case highlights the persistent threat posed by Khalistani elements globally and underscores India's commitment to counterterrorism, showcasing the effectiveness of the NIA in dismantling such plots. With increased scrutiny and action against these networks, India is reinforcing its national security and stability in the face of external challenges.

### 16 Militants Arrested in Manipur Amid Ongoing Security Operations



21-Apr-25

In Manipur, security forces arrested 16 militants from various banned outfits, including the United National Liberation Front and Kangleipak Communist Party, over the past 48 hours. The arrests occurred during multiple operations, with the police recovering arms and ammunition, primarily linked to extortion activities. Some locals attempted to obstruct the operations, resulting in minor confrontations, but the situation is now under control. These ongoing search operations

reflect the Indian government's commitment to restoring law and order in Manipur following the ethnic violence that erupted in May 2023, showcasing the effectiveness and resilience of the state's security apparatus in combating insurgency.

## Cybersecurity and Information Warfare

### Nations Boost Cyber Defenses Amid Rising Global Tensions



21-Apr-25

Countries are increasingly fortifying their digital defenses amid rising global tensions and the threat of cyberwarfare, exemplified by recent attacks linked to adversarial states like Russia and China targeting critical infrastructure. Experts warn of a growing digital arms race, driven by espionage motives and geopolitical conflicts, with potential for escalation into military confrontations. As the U.S. faces unprecedented cyber threats, calls for stronger cybersecurity measures contrast with recent administrative changes that have weakened protective agencies. However, there is a developing consensus for global cooperation on cybersecurity, indicating a potential path forward in enhancing defenses against emergent threats.

### Indian firms face 665 daily ransomware attacks, warns Kaspersky



21-Apr-25

Indian businesses are facing an alarming rise in ransomware attacks, averaging 665 attempts per day, according to Kaspersky. These attacks target various sectors, including critical infrastructure and banking, with the most common ransomware being Trojan-Ransom.Win32.Wanna.m. The sophistication of these cyber threats necessitates robust cybersecurity measures such as Managed Detection and Response (MDR), regular system updates, and comprehensive employee training. Organizations must prioritize cybersecurity and constantly adapt to evolving tactics used by cybercriminals to safeguard their critical data, as highlighted by Kaspersky's Managing Director for Asia Pacific, Adrian Hia.

### ISI Disinformation Scheme: 'Sophia Naga' Flag-Burning Video Exposed



21-Apr-25

Digital intelligence firm D-Intent Data, which runs a Propaganda and Fake News Detection Centre focused

on neutral fact-checking and intent analysis, flagged the @SophiaNaga campaign — claiming Indian forces brutalized a Naga nationalist for burning the tricolour — as a likely ISI-orchestrated disinformation scheme. Analysts pointed to a Filipino accent at odds with Naga Tibeto-Burman phonetics, a tattoo inconsistent with local cultural designs, and synchronized amplification across X handles mirroring past ISI tactics to inflame regional fault lines. Despite the campaign's use of hashtags like #RepealAFSPA, drawing on genuine grievances over the Armed Forces (Special Powers) Act, 1958 — denounced by the Naga Students' Federation as "an unjust and regressive move" and extended by New Delhi in April 2025 — investigators found no independent corroboration of the alleged raids or detentions, and fact-checkers on Facebook dismissed the persona as propaganda. Coming amid deadlocked Indo-Naga peace negotiations that began with the 2015 Framework Agreement and have seen intermittent ceasefire surrenders yet no final settlement, the episode exemplifies how external actors can weaponize legitimate political grievances to undermine security and unity in India's Northeast.

## Mil Personnel & Veterans

### Rajnath Singh: Soldiers Need Combat Skills and Mental Resilience



21-Apr-25

Raksha Mantri Shri Rajnath Singh emphasized the need for Indian soldiers to excel in both combat skills and mental resilience, highlighting that modern warfare encompasses psychological and cyber dimensions. Speaking at an event in Mount Abu, he praised the Brahma Kumaris' initiative to enhance soldiers' mental health through spirituality and yoga, stating that inner strength is crucial for overcoming challenges in difficult conditions. An MoU was signed to support ex-servicemen's mental well-being, promoting practices like meditation and positive thinking. This approach aligns with India's cultural heritage and aims to cultivate a robust and resilient defense force capable of navigating contemporary geopolitical uncertainties.

### Inside the Gaganyaan Mission: IAF Officer's Astronaut Training Journey



21-Apr-25

Group Captain Angad Pratap, one of India's four astronaut-designates for the Gaganyaan mission, recently shared insights into his rigorous astronaut training journey during an event in Bengaluru. He



highlighted the extensive physical, mental, and academic preparation required, which includes activities like scuba diving, marathon running, and flying IAF fighter aircraft. Pratap emphasized the importance of resilience, learning from failures, and contributing to Indian science. He expressed excitement about the opportunity to view Earth from space, reinforcing the notion that military training equips individuals to handle extreme stress and challenges effectively, showcasing India's commitment to advancing its space capabilities.

## Miscellaneous

### IAF helicopter safely makes emergency landing in Gujarat SHARE

21-Apr-25

An Indian Air Force (IAF) helicopter made an emergency landing near Rangmati Dam in Gujarat's Jamnagar district, with no injuries reported among the personnel on board. The incident occurred around 11 am, and local authorities confirmed the IAF was investigating the cause of the emergency landing. While details remain sparse, this incident highlights the operational readiness of the IAF and its protocols for handling unexpected situations, ensuring personnel safety. Such events underscore the importance of maintaining robust technical and operational standards within the defense forces, reflecting their commitment to safety and readiness in various circumstances.

### US VP Vance visits India, meeting PM Modi to boost ties SHARE

21-Apr-25

US Vice President JD Vance has embarked on his first official visit to India from April 21 to 24, highlighting the importance of strengthening bilateral ties, particularly in defense, trade, and regional security. Meetings with Prime Minister Modi are expected to focus on advancing negotiations for a bilateral trade agreement and addressing tariff discussions. The visit includes cultural engagements, notably a tour of the Taj Mahal, underscoring India's heritage and the significance of US-India relations. Preparations in Agra reflect the monumental importance of this diplomatic engagement, with enhanced security measures and local enthusiasm indicating the potential for increased tourism and trade cooperation. This visit marks a critical step in reinforcing the Comprehensive Strategic Global Partnership between India and the United States, aimed at boosting trade to \$500 billion by 2030.

### India Must Actively Pursue Tech Supremacy, Says Army General SHARE

21-Apr-25

Lt Gen Amardeep Singh Aujla emphasized the urgent need for India to actively engage in the race for technological supremacy during an address to the domestic defense industry. He called for collaboration between the armed forces and industry, highlighting that future military power will be shaped not only in strategic discussions but also in R&D and manufacturing. Aujla urged the industry to prioritize quality for national security and expressed optimism about forthcoming reforms from the Ministry of Defence, declaring 2025 as the Year of Reforms. The call for unity in capability development reflects a proactive approach to enhancing India's defense capabilities amidst evolving global dynamics.

### Vancouver Gurudwara Vandalized: A Call for Unity Against Extremism SHARE

21-Apr-25

A gurudwara in Vancouver, Canada, was vandalized with pro-Khalistan graffiti, attributed to a small faction of Sikh separatists. The Khalsa Diwan Society condemned the act, highlighting it as part of a broader campaign of extremism that threatens unity within the Canadian Sikh community and undermines Sikh values and Canadian societal principles. This incident reflects the ongoing challenges faced by the Indian diaspora in combating separatist narratives abroad, emphasizing the need for vigilance against extremist forces that seek to create divisions. The response from community leaders calling for solidarity against such acts underscores the importance of inclusivity and mutual respect.

### Bangladesh Minorities Alarmed by Surge in Targeted Violence SHARE

21-Apr-25

A recent statement from the Bangladesh Council highlights a significant rise in communal violence, particularly targeting minority groups since the political upheaval in August 2024, leading to Prime Minister Sheikh Hasina's resignation. Over 2,000 attacks against minorities were reported between August and December, including murders, sexual violence, and assaults on places of worship, creating a pervasive climate of fear. The Council calls for urgent legal action and protection for these communities, arguing that the violence is systematic and exacerbated by a lack of representation in the interim government. Despite government claims that incidents are political, minority

leaders assert that the violence is targeted, threatening Bangladesh's pluralistic society.

## Finance Minister Nirmala Sitharaman Kicks Off Five-Day US Visit SHARE

21-Apr-25

Finance Minister Nirmala Sitharaman's recent five-day visit to the US, including engagements in San Francisco and Washington D.C., aimed at strengthening India's global economic partnerships. She addressed the Hoover Institution, met with top IT CEOs, and participated in key forums like the IMF Spring Meetings and G20 Finance Ministers meetings, fostering discussions with finance leaders from numerous nations. Following her US trip, she will visit Peru to enhance bilateral ties, particularly in the mining and critical minerals sectors. This proactive diplomatic approach demonstrates India's commitment to expanding its economic influence and strategic dialogues on a global scale, aligning with its vision for a developed nation by 2047.

## India's First Fast-Breeder Reactor Set for 2026 Launch SHARE

21-Apr-25

India's first fast-breeder reactor (PFBR), a 500 MW facility developed by BHAVINI, is set for commissioning by 2026, marking a significant milestone in India's three-stage nuclear program aimed at recycling spent nuclear fuel. This reactor will utilize plutonium-based mixed oxide fuel and liquid sodium coolant, enhancing energy security through efficient fissile material breeding, particularly utilizing India's abundant thorium reserves. The PFBR incorporates advanced safety features and aims to minimize nuclear waste. With the goal of achieving 100 GW of nuclear power capacity, the PFBR illustrates India's commitment to self-reliance in the nuclear sector and positions the country as only the second globally to operate a commercial fast breeder reactor.

## India Proposes Revolutionary Angstrom-Scale Chips for Semiconductor Leadership SHARE

21-Apr-25

India is proposing to develop angstrom-scale chips, which are significantly smaller than current 3-nanometre technology, positioning the country as a future leader in semiconductor innovation. This initiative, spearheaded by IISc and seeking 500 crore in funding, aims to utilize novel 2D materials like graphene, potentially enhancing energy efficiency and

reducing reliance on foreign semiconductors. While other nations are investing heavily in similar technologies, India's focus on this pioneering project could create high-skilled jobs and attract international partnerships. However, there is an urgent need for timely approval and infrastructure development to capitalize on this opportunity before global competitors dominate the field.

## India Achieves Milestone in Quantum Communications with QKD over MCF SHARE

21-Apr-25

India has achieved a significant milestone in quantum communications by successfully demonstrating Quantum Key Distribution (QKD) over Multi-Core Fibre (MCF), allowing simultaneous transmission of quantum and high-capacity data over a single fibre without compromising signal integrity. This innovation, developed by the Centre for Development of Telematics (C-DOT) in collaboration with Sterlite Technologies Limited (STL), enhances the feasibility of integrated quantum-classical networks while reducing costs for QKD deployments. The achievement underscores India's growing capabilities in secure communications and highlights the importance of public-private partnerships in advancing the nation's digital infrastructure and sovereignty in technology.

## Beware of Online Scams Targeting Kedarnath Pilgrims, Warns Government SHARE

21-Apr-25

The Indian Cyber Crime Coordination Centre (I4C) has issued a warning about online booking scams targeting pilgrims visiting Kedarnath, Chaur Dhara, and other religious sites. Scammers create fake websites and social media profiles to offer services like helicopter bookings and accommodation, deceiving individuals into making payments without providing actual services. The advisory emphasizes the importance of verifying the authenticity of websites and suggests using official government portals for bookings. Victims are encouraged to report fraud cases via the National Cybercrime Reporting Portal. This initiative underscores the government's commitment to protecting pilgrims and ensuring a safer experience for tourists in India's religious tourism sector.

## Amritpal Singh's father criticizes Punjab's NSA detention extension SHARE

21-Apr-25

Jailed radical preacher Amritpal Singh's father criticized the Punjab government's extension of his son's detention under the National Security Act, claiming it is a politically motivated effort to suppress his influence as a rising political figure. Amritpal has been in custody since April 2023 following violent incidents, including an attack on a police station. His father argues that the government fears his son's potential to unite supporters and challenge their authority, labeling the detention as undemocratic. The situation underscores ongoing tensions in Punjab regarding radical elements and the state's approach to maintaining public order and security.

## Mysterious Metallic Object Falls in Nagpur, Sparks Space Debris Speculation SHARE

21-Apr-25

An unidentified metallic object fell on a Nagpur home in Maharashtra, leading to speculation about its origin, potentially as space debris. The incident occurred around 4 am in the Umred taluka, prompting local police to investigate, while a forensic team seeks to identify the object. Astronomy expert Suresh Chopne suggested it could be a rocket booster from a satellite launch. This event highlights the growing interest in space activities and their implications on terrestrial safety, reflecting the need for enhanced monitoring systems to track space debris and ensure public safety. Such occurrences underscore India's evolving role in space technology and the significance of responsible space exploration.

## India Orders Google to Remove Chinese App for Wrong Map Display SHARE

21-Apr-25

The Indian government, through the Ministry of Electronics and Information Technology (MeitY) and the Survey of India, has directed Google to remove the Chinese chat app Ablo for inaccurately depicting India's territorial borders, specifically regarding Jammu & Kashmir, Ladakh, and Lakshadweep. This action highlights India's commitment to safeguarding its sovereignty and integrity, leveraging the Criminal Law (Amendment) Act, 1990, and the Information Technology Act, 2000. Google has complied, removing the app from its platform, reflecting a proactive approach by India in addressing digital misrepresentations. This incident underscores the government's vigilance against foreign entities that undermine India's territorial claims, reinforcing national integrity in the digital domain.

## ISRO Successfully Completes Second Satellite Docking Under SPADEX SHARE

21-Apr-25

The Indian Space Research Organisation (ISRO) has successfully completed its second satellite docking under the SPADEX mission, reinforcing India's position in advanced space capabilities alongside the US, China, and Russia. Union Minister Jitendra Singh announced the achievement, which involved the precise undocking of the SDX-01 and SDX-02 satellites, showcasing India's technological prowess in spacecraft rendezvous and docking. This mission is pivotal for India's future space ambitions, including potential Moon missions and the establishment of the Bharatiya Antariksh Station. The successful demonstration of in-space docking technology signifies a crucial step towards enhancing India's capabilities in satellite servicing and interplanetary exploration, aligning with the nation's aspirations in the global space arena.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
DCXINDIA	251.0	279.7	245.41	273.84	2346605	10.68	65.08	237.28	322.89
SIKA	674.0	725.0	669.9	698.75	76608	5.14	71.93	614.07	530.95
ASTRAMICRO	771.0	810.9	770.95	806.3	419606	5.07	74.0	703.03	787.7
NIBE	1430.0	1468.85	1410.05	1468.85	22161	5.0	74.15	1123.29	1620.45
DYNAMATECH	6399.0	6833.0	6341.5	6615.0	25812	4.81	57.35	6292.44	7250.7
MIDHANI	287.0	297.05	287.0	295.95	516570	3.64	59.15	279.92	357.87
AVANTEL	127.89	132.6	127.51	131.37	917819	3.33	65.56	117.07	-
DATAPAT'TNS	1909.0	1965.0	1903.6	1959.0	739404	3.25	69.42	1736.76	2377.29
MARINE	205.0	210.0	200.0	208.66	521198	2.62	66.75	176.47	226.51
COCHINSHIP	1464.6	1566.8	1455.1	1487.2	4599914	2.58	61.17	1426.73	1699.74
BDL	1398.6	1460.0	1395.6	1427.4	2958655	2.45	67.44	1315.09	1231.01
BHARATFORG	1070.0	1100.5	1066.7	1094.2	1241237	2.43	51.7	1101.99	1363.96
HAL	4248.0	4336.0	4225.0	4309.1	1508314	2.1	66.89	4110.45	4307.22
LMW	15750.0	16049.0	15625.0	15985.0	2475	2.07	58.34	15602.51	15931.32
CFE	493.6	493.6	493.6	493.6	4000	1.99	62.7	451.21	633.82
TANEJAERO	292.8	292.8	292.8	292.8	5736	1.99	44.81	308.23	446.65
MAZDOCK	2727.5	2805.0	2710.3	2764.6	3303967	1.99	62.77	2595.59	2302.03
SOLARINDS	12270.0	12522.0	12270.0	12475.0	60960	1.98	78.01	11167.21	10418.64
HIGHENE	490.35	515.2	477.0	497.35	11357	1.82	53.65	489.17	625.61
BEL	297.5	301.6	295.15	299.95	14064356	1.63	61.28	291.47	289.84
PARAS	1041.0	1059.0	1030.9	1052.0	226868	1.58	61.43	989.29	1090.9
IDEAFORGE	363.0	370.6	359.6	368.75	215790	1.58	51.8	360.78	588.3
GRSE	1723.5	1789.0	1717.0	1740.2	2091025	1.49	63.68	1674.8	1724.4
LOKESHMACH	0.0	168.91	168.9	168.91	7188	1.36	47.1	152.98	339.32
HBLPOWER	519.0	532.95	517.7	523.4	1473087	1.1	59.19	492.35	571.02
MTARTECH	1428.0	1428.4	1402.1	1419.5	69749	1.1	58.7	1334.87	1644.44
ADANIENT	2426.1	2464.9	2395.5	2442.7	782559	1.02	60.59	2345.15	2682.19
LT	3249.5	3290.0	3225.1	3280.5	1643003	1.02	50.05	3321.33	3534.4
BEML	3129.8	3168.0	3101.6	3130.9	216770	0.68	58.73	2979.55	3742.85
APOLLO	120.0	121.99	118.7	120.42	5271380	0.57	53.11	119.15	110.6
KRISHNADEF	807.8	819.35	802.95	811.6	35250	0.47	67.0	705.19	703.31
AZAD	1481.0	1493.8	1445.0	1470.7	399337	0.33	59.17	1381.62	1551.71
PREMEXPLN	394.95	399.6	386.0	391.55	151929	-0.17	58.7	365.47	495.95
PTC	182.0	182.4	177.88	179.72	1242534	-0.19	69.29	166.35	178.72
WALCHANNAG	201.95	207.07	195.06	199.26	492606	-0.7	62.54	170.32	270.09
ZENTEC	1499.0	1514.5	1468.0	1475.0	371350	-1.52	56.36	1441.48	1709.16
ROSSELLIND	75.1	79.0	74.63	75.77	39820	-2.43	59.81	66.8	223.14