

Top Gainers

Stock	Close	Prev	Change
APOLLO	100.11	96.31	+3.95%
ASTRAMICRO	799.55	775.55	+3.09%
MAZDOCK	4594.15	4521.55	+1.61%
LT	3724.8	3666.05	+1.6%
DATAPATTNS	2503.4	2466.8	+1.48%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	83.9	95.32	-11.98%
KRISHNADEF	630.0	704.25	-10.54%
TEMBO	695.35	730.7	-4.84%
TANEJAERO	418.0	429.95	-2.78%
GRSE	1679.25	1721.35	-2.45%

## Defense Business and Industry

### India and UK Sign Agreement to Develop Electric Propulsion for Navy

🔄 SHARE

29-Nov-24

India and the UK have formally signed a Statement of Intent (SoI) in Portsmouth on November 28, 2024, to enhance collaboration in the design and development of electric propulsion systems for the Indian Navy's future warships. This agreement, arising from the third Joint Working Group Meeting, signifies a strategic commitment to bolster indigenous technology development, particularly for the Landing Platform Docks to be constructed in India. The cooperation aims to facilitate co-design, co-creation, and co-production of advanced propulsion capabilities, thereby strengthening India's naval modernization efforts and enhancing operational capabilities. This partnership not only underscores the growing defense ties between India and the UK but also reflects India's proactive approach towards self-reliance in defense technologies, aligning with its broader geopolitical goals.

### Indian Navy Seeks Partners for Advanced High-Power Microwave Weapons

🔄 SHARE

29-Nov-24

The Indian Navy is advancing its capabilities by developing High-Power Microwave (HPM) weapons to effectively counter modern threats such as drone swarms. These directed-energy weapons offer rapid engagement and precise targeting while minimizing collateral damage, marking a significant enhancement over traditional kinetic systems. With existing HPM systems limited to a 1-kilometer range, the Navy aims

to extend this to at least 5 kilometers to improve operational effectiveness. The focus on scalable power output, compact components, and enhanced neutralization capabilities underscores India's commitment to maintaining maritime dominance and adapting to evolving warfare challenges, thereby reinforcing its strategic posture in a complex security environment.

### India and Russia Collaborate on Sukhoi Engine Production Deal

🔄 SHARE

29-Nov-24

India, through Hindustan Aeronautics Ltd (HAL), is in Russia to finalize a \$3.1 billion deal for the licensed production of 240 AL-31FP engines for its Sukhoi-30MKI fighter jets. This initiative aims to increase indigenous content from 54% to 63%, enhancing self-reliance and reducing dependency on Russian components. The collaboration also includes potential technology transfers, vital for sustaining the IAF's operational capabilities amid geopolitical uncertainties. By localizing production, India can mitigate risks from international sanctions and improve its defense manufacturing ecosystem, ultimately fostering economic growth and bolstering military readiness to address regional security challenges.

### India's Missile Tests Showcase Enhanced Nuclear and Strategic Power

🔄 SHARE

29-Nov-24

India successfully test-fired the K-4 nuclear-capable ballistic missile from the INS Arighaat, its second nuclear-powered submarine, on November 27, 2024, marking a significant milestone in its second-strike capability and nuclear deterrent posture. This launch validates the submarine's operational capabilities and reinforces India's nuclear triad. Additionally, India

demonstrated its advancements in missile technology with a successful test of a long-range hypersonic missile, enhancing its strategic military capabilities. These developments reflect India's commitment to strengthening its defense capabilities through indigenous technology and a diverse range of sophisticated weapon systems, positioning the country as a formidable player in regional security dynamics.

## Indian Army Shifts Focus from ULHs to 155mm Artillery Guns SHARE

29-Nov-24

The Indian Army has decided to scale back its procurement of ultra-light howitzers (ULHs) like the M777, shifting focus to 155mm/52 caliber artillery guns, which offer superior range, accuracy, and lethality. This strategic move aligns with evolving operational requirements, particularly for high-altitude engagements in challenging terrains, where the extended range of the 155/52 guns—capable of hitting targets up to 48 kilometers away—proves critical. By prioritizing the acquisition of these larger artillery systems, the Army aims to enhance overall firepower without straining resources within its artillery procurement strategy, ultimately ensuring a more versatile and effective artillery capability in various combat scenarios.

## Indian Army Seeks 5,000–10,000 Software Defined Radios for Vehicles SHARE

29-Nov-24

The Indian Army has issued a Request for Information (RFI) to procure 5,000 to 10,000 Software Defined Radios (SDR) for tactical vehicular communication, aiming to enhance communication across various military vehicles, including armored tanks and utility vehicles. These SDRs will facilitate reliable, adaptable communication capabilities essential for modern warfare and will be designed to meet stringent military requirements, such as uninterrupted power transition and extended range. Emphasizing the Make in India initiative, the procurement process may prioritize domestic defense manufacturers, bolstering self-reliance and strengthening India's defense industrial base. This move marks a significant step towards modernizing the Army's communication infrastructure in challenging terrains.

## India's First Long-Range Hypersonic Missile: A Game-Changer SHARE

29-Nov-24

India has achieved a significant milestone by successfully testing its first long-range hypersonic missile, described by former DRDO Chief Dr. G. Satheesh Reddy as a revolutionary hybrid weapon that combines ballistic and cruise missile features. This dual-mode capability enhances the missile's evasion of enemy defenses, positioning India ahead of global competitors in hypersonic technology. The successful test underscores India's commitment to advancing its defense capabilities and joining an elite group of nations in this cutting-edge field. As hypersonic weapons are crucial for modern military strategies, India's innovative design sets a new benchmark in global defense technology.

## Embraer: Key Partner for India's RTA-90 Regional Aircraft SHARE

29-Nov-24

India's RTA-90 program aims to develop a 90-seater regional aircraft, necessitating expertise in design and certification, where Embraer's partnership could be pivotal. With its extensive experience in regional aviation, Embraer can help streamline development timelines, integrate sustainable technologies, and enhance the aircraft's competitiveness against established models. The collaboration promises significant technology transfer, boosting India's manufacturing capabilities and establishing it as a regional aviation hub. Additionally, leveraging Embraer's marketing network could bolster international sales, making the RTA-90 appealing to eco-conscious operators while fostering growth in ancillary industries and skilled workforce development in India.

## ADE Returns Faulty LREO Unit to Israel for Repair SHARE

29-Nov-24

The Aeronautical Development Establishment (ADE) has returned a faulty Long Range Electro-Optic (LREO) system, the IAI Tamam, to its Israeli manufacturer following technical issues encountered during flight trials. This LREO system is vital for UAV platforms, crucial for intelligence, surveillance, and reconnaissance operations. ADE is proactively engaging with the manufacturer to rectify the technical problems to ensure swift repair or replacement, emphasizing its commitment to operational efficiency. While this setback temporarily affects operational readiness, ADE's decisive actions reflect a robust

approach to maintaining high standards in defense technology, underscoring the importance of quality assurance in India's defense procurement processes.

## U.S.-India Drone Partnership Boosts Defense Self-Reliance



29-Nov-24

The partnership between U.S.-based Shield AI and India's JSW Group to produce the V-BAT drone is a significant boost for India's Atmanirbharta initiative aimed at self-reliance in defense manufacturing. This \$90 million joint venture will establish a local production facility, develop a supply chain, and train Indian workers, marking a shift from India's previous reliance on imports. The V-BAT drone's capabilities will enhance India's defense strategies while fostering economic growth through job creation and technology transfer. This collaboration sets a precedent for future foreign partnerships, reinforcing India's position as an emerging global defense manufacturing hub.

## South Korea Unveils L-SAM Interceptor to Bolster Defense Against North

Korea



29-Nov-24

South Korea has developed the Long-range Surface-to-Air Missile (L-SAM), a new ballistic missile interceptor aimed at strengthening its defense against North Korean missile threats, which have escalated following North Korea's designation of South Korea as a hostile state. The L-SAM, designed for high-altitude interception, will enhance existing systems like the U.S. Patriot and indigenous Cheongung II missiles and is expected to be operational by the late 2020s. This development underscores the importance of layered defense strategies in mitigating regional threats, as both Koreas remain wary of the futility of conflict, especially in light of ongoing global tensions exemplified by the situation in Ukraine.

## IAF's MRFA Tender Faces Hurdles as Local Jet Costs Surge by Up to \$30M



29-Nov-24

The Indian Air Force's Medium Role Fighter Aircraft (MRFA) tender for 114 advanced jets is facing potential setbacks as local production costs could exceed direct procurement prices by \$20-30 million per jet. The need for significant investment in infrastructure, skilled workforce training, and technology transfer agreements could drive costs higher than expected, challenging the Make in India initiative. Despite these challenges, the IAF remains committed to local production, viewing it

as crucial for developing a self-reliant defense ecosystem and maintaining aerial combat capabilities amid dwindling fighter numbers. This approach, while initially costly, may yield long-term benefits as domestic manufacturing expertise matures.

## India's FRCV Program: Pioneering Autonomous Battle Tanks



29-Nov-24

India's Future Ready Combat Vehicle (FRCV) program aims to modernize the Indian Army's armored forces by developing next-generation main battle tanks, including autonomous unmanned variants. These tanks will use satellite connectivity for real-time battlefield data exchange, enhancing resilience, situational awareness, and tactical versatility against emerging threats. By addressing vulnerabilities observed in recent conflicts, the FRCV program emphasizes the potential of autonomous MBTs to reduce risks to human crews while maintaining effective combat operations. The development, currently in the conceptual phase, aligns with India's strategic vision to integrate advanced technologies into its defense capabilities, promoting a robust and adaptable military framework.

## MDL to Showcase India's Advanced Naval Capabilities at Exponaval 2024



29-Nov-24

Mazagon Dock Shipbuilders Limited (MDL) is set to represent India at Exponaval 2024 in Valparaiso, Chile, showcasing its advanced naval solutions and reinforcing India's growing defense industry presence. MDL will feature its expertise in constructing state-of-the-art destroyers, stealth frigates, missile boats, and submarines, particularly highlighting the Kolkata-class and Scorpene-class vessels. The event underscores India's capabilities in designing comprehensive naval platforms and advanced systems integration, positioning MDL as a key player in the global maritime sector. This participation not only enhances India's defense diplomacy but also illustrates its commitment to developing self-reliant and technologically advanced naval forces, vital for regional stability.

## India's Analakshya MSCS Enhances AMCA Stealth Capabilities



29-Nov-24

India's introduction of the Analakshya Meta-Material Surface Cloaking System (MSCS) significantly enhances the stealth capabilities of the Advanced Medium Combat Aircraft (AMCA), utilizing advanced wave absorption metamaterials sourced over 90%

domestically. This initiative aligns with the "Atmanirbhar Bharat" initiative, showcasing India's commitment to self-reliance in defense technology. The technology, developed by IIT-Kanpur and commercialized by Meta Tattva Systems, promises to improve operational reliability and provide a strategic edge in modern warfare. As the AMCA aims to replace older aircraft, the integration of Analakshya MSCS marks a pivotal development in India's defense capabilities, strengthening national security amidst evolving geopolitical dynamics.

## Zorawar Light Tank Begins Advanced Tests at Nyoma Range



29-Nov-24

The Zorawar light tank, developed by the DRDO and L&T, has begun advanced qualification tests at the Nyoma Field Firing Range, addressing India's need for agile armored vehicles amid ongoing tensions with China along the LAC. Weighing 25 tons, the tank is designed for high-altitude operations and is expected to complement heavier tanks like the T-90 Bhishma. The Indian Army plans to induct at least 350 Zorawar tanks, enhancing operational readiness against potential threats. These trials not only showcase technological advancements but also demonstrate India's commitment to strengthening its defense capabilities in response to evolving geopolitical challenges.

## IAI Opens Advanced Radar Maintenance Facility in Hyderabad



29-Nov-24

IAI has inaugurated the HELA radar maintenance facility in Hyderabad, equipped with advanced technology to support the Indian Armed Forces' radar systems. The facility will employ over 45 trained professionals and support more than 80 engineers, fostering local talent and enhancing India's self-reliance in defense technology. This initiative strengthens India-Israel defense ties, promoting technology transfer and joint development. By focusing on in-country maintenance capabilities, India aims to modernize its defense infrastructure and reduce dependence on foreign military equipment, ensuring greater operational readiness and efficiency in defense operations.

## Indian Army Seeks Bids for 12,056 Multi Spectral Camouflage Nets



29-Nov-24

The Indian Army has issued a Request for Information (Rfi) for the procurement of 12,056 Multi Spectral Camouflage Nets (MSCN), emphasizing the need for

bidders to showcase their capability in meeting detailed specifications, including materials and performance in various terrains. The proposals must include evidence of military standards compliance, production capacity, and quality control measures. Additionally, the commercial proposals should outline pricing, logistics for delivery, and warranty terms. This procurement initiative underscores the Army's commitment to enhancing operational effectiveness and protecting personnel through advanced camouflage solutions, critical for maintaining strategic advantages in diverse environments.

## Andhra Pradesh Allocates 1,000 Acres to Bharat Forge for Defense Unit



29-Nov-24

The Andhra Pradesh government has allocated 1,000 acres of land to Kalyani Strategic Systems, a subsidiary of Bharat Forge, for establishing a defense unit, following a swift approval process initiated on November 8 and finalized by November 28. The state government has also expressed readiness to allocate an additional 500 acres for future expansion, signifying a strong commitment to bolstering the local defense industry. This allocation not only enhances India's defense manufacturing capabilities but also supports the government's Make in India initiative, fostering economic growth and job creation in the region. Overall, this development reflects a strategic push towards self-reliance in defense production, crucial for national security.

## Defense Policy and Budgeting

### Self-Reliance in Defense: Key to India's Security and Peace



29-Nov-24

General Chauhan emphasized the critical importance of indigenization in India's defense strategy, asserting that building homegrown capabilities is vital for national security and reducing reliance on foreign nations. He argued that a self-sufficient defense sector not only enhances India's ability to address emerging threats but also contributes to long-term regional stability and peace. This focus on self-reliance is seen as a deterrent against aggression, fostering an environment of security. Ultimately, the CDS's remarks underline a strategic shift towards strengthening India's indigenous defense industry, reinforcing the nation's commitment to safeguarding its interests through self-sufficiency.



## Geopolitics and Security Alliances

### India and Canada Discuss Diplomatic Strains Amid Surveillance Claims



29-Nov-24

India and Canada are engaged in discussions regarding strained diplomatic relations following revelations that Indian consular officials were under surveillance in Canada. The Indian Ministry of External Affairs (MEA) condemned this as a breach of diplomatic norms, linked to ongoing allegations of India's involvement in the killing of Khalistani separatist Hardeep Singh Nijjar. The MEA highlighted the need for Canada to address anti-India activities on its soil and ensure the protection of Indian diplomats, noting limitations in security measures provided by Canadian authorities. This situation underscores India's commitment to safeguarding its interests abroad while addressing concerns over extremism.

### Chinese Army Reports Major Progress on India Border Agreement



29-Nov-24

The Chinese military has reported significant progress in implementing the recent border agreement with India, aimed at resolving the eastern Ladakh standoff that has persisted for over four years. Following a positive meeting between Indian Defense Minister Rajnath Singh and Chinese Defense Minister Admiral Dong Jun, both sides reaffirmed their commitment to de-escalation and enhancing mutual trust. The leaders of India and China previously endorsed this agreement during their meeting, marking a potential turning point in bilateral relations following tensions that escalated after a deadly clash in 2020. This development indicates a favorable trajectory for diplomatic engagement and stability in the region.

### India Re-elected to UN Peacebuilding Commission for 2025-2026



29-Nov-24

India has been re-elected to the UN Peacebuilding Commission (PBC) for the 2025-2026 term, reaffirming its commitment to global peace initiatives. As a founding member and significant contributor to UN peacekeeping efforts, India plays a pivotal role in promoting peace and stability in conflict-affected regions. The PBC, established in 2005, facilitates coordinated approaches to peacebuilding and shares best practices among nations. India's continued

engagement with the Commission underscores its dedication to enhancing collaborative peace efforts and supporting nationally-led initiatives, positioning the country as a key player in global peacebuilding strategies.

### White Knight Corps GOC reviews Rajouri security, emphasizes vigilance



29-Nov-24

Lieutenant General Naveen Sachdeva, GOC of the White Knight Corps, assessed the security situation in Rajouri, emphasizing the importance of vigilance in counter-terrorism operations. Concurrently, Chief of Army Staff General Upendra Dwivedi highlighted the Indian Army's transformative role in Jammu and Kashmir, shifting the narrative from terrorism to tourism, while advocating for the nation's growth towards Viksit Bharat 2047. He underscored the army's contribution to national development, sustainable growth, and local economies through the Atmanirbhar Bharat initiative, with 85% of capital expenditure allocated to indigenous defense production. This reflects the Indian military's dual mandate of security and socio-economic development, reinforcing its strategic significance in the region.

### Putin Hints Oreshnik Missile Could Target Kyiv Decision-Makers



29-Nov-24

Russian President Vladimir Putin has indicated that the Oreshnik hypersonic missile may be used to target decision-making centres in Kyiv following Ukrainian strikes on Russian territory. He claims the missile is unmatched by Ukrainian air defenses, though Western experts express skepticism. The situation escalated after Ukraine utilized U.S.-made ATACMS missiles against Russia. Zelenskiy condemned Putin's rhetoric as a tactic to thwart peace efforts. Despite claims of Russia's superiority in missile production, U.S. intelligence suggests that the risk of nuclear escalation remains low. This ongoing missile exchange highlights the dangerous volatility of the conflict, emphasizing the need for strategic responses from global powers, including India, to maintain regional stability.

### US Landmine Offer to Ukraine Sparks Global Treaty Crisis



29-Nov-24

The U.S. has offered Ukraine anti-personnel mines to aid in its fight against Russia, prompting concerns from campaigners about the implications for the global anti-landmine treaty, which they claim is now in "crisis." Tamar Gabelnic of the International Campaign to Ban

Landmines urged Ukraine to reject the proposal, highlighting potential violations of international norms. This situation underscores the complex interplay between military support and adherence to international treaties, raising questions about the balance between national defense and global humanitarian commitments. The controversy reflects broader geopolitical dynamics, particularly as nations navigate their defense strategies amidst ongoing conflicts.

## Russia Gains Ground in Eastern Ukraine Amid Intensified Conflict



29-Nov-24

Russia has reportedly captured the settlement of Nova Illinka in the Donetsk region, marking a significant advance in eastern Ukraine, with analysts noting the fastest territorial gains since early 2022. Ukrainian President Zelenskyy acknowledged fierce fighting around Kurakhove and Pokrovsk, where Ukrainian forces have managed to repel numerous attacks. The conflict continues to escalate, as Ukraine and Russia accuse each other of dangerous maneuvers near the Zaporizhzhia nuclear power plant. This situation underlines the ongoing volatility in the region and highlights the tactical challenges both sides face as the war endures beyond 33 months.

## India-Singapore AgniWarrior 2024 Military Exercise Begins Today



29-Nov-24

The India-Singapore bilateral military exercise, AgniWarrior 2024, will take place from November 28 to 30 in Maharashtra, aimed at enhancing professional military interactions between the artillery units of both nations. This exercise follows a recent visit by Singapore's Defence Minister, reinforcing the commitment to deepen defense cooperation, particularly in co-development and niche domains like automation and AI. The upcoming exercise is part of the 60-year diplomatic relationship celebration, reflecting the growing Comprehensive Strategic Partnership established during Prime Minister Modi's visit to Singapore in September 2024. Such initiatives underscore the strong ties based on mutual trust and respect between India and Singapore.

## Chinese Vessels Accumulate Near Disputed Thitu Island: Analysis



29-Nov-24

Recent satellite images indicate a build-up of Chinese civilian vessels near Thitu Island, a key outpost of the

Philippines in the contentious South China Sea. The Philippines navy has reassured that there is no immediate cause for concern despite these movements and previous clashes. This situation underscores the ongoing territorial disputes in the region, with the Philippines maintaining vigilance over Chinese activities. As tensions continue, it highlights the importance of regional alliances and defense strategies for countries like India, which supports freedom of navigation and upholds international law in the face of aggressive maritime claims.

## Military Operations

### Indian and Sri Lankan Navies Join Forces in Anti-Narcotics Mission



29-Nov-24

The Indian Navy successfully executed a coordinated anti-narcotics operation in the Arabian Sea, responding to intelligence from the Sri Lankan Navy regarding possible drug smuggling by Sri Lankan-flagged vessels. Utilizing extensive surveillance from Long Range Maritime Patrol Aircraft and Remotely Piloted Aircraft, the operation resulted in the interception of two boats and the seizure of approximately 500 kg of crystal meth, which was subsequently handed over to Sri Lankan authorities for legal action. This operation highlights the robust maritime security partnership between India and Sri Lanka, reflecting their shared commitment to addressing regional maritime challenges and enhancing safety in the Indian Ocean Region. Such collaborative efforts not only strengthen bilateral ties but also underscore India's proactive stance in combating drug trafficking and ensuring maritime security.

### Indian Army Leverages Civil Helicopters for High-Altitude Logistics



29-Nov-24

The Indian Army has begun utilizing civil helicopters for the first time in its logistics operations, partnering with Himalayan Heli Services to enhance troop support, cargo delivery, and casualty evacuation in high-altitude regions. This initiative aims to sustain 16 remote posts in Jammu and 28 posts in Kashmir and Ladakh over a critical 150-day period next year when weather conditions make traditional logistics routes unviable. By strategically positioning helicopters at seven bases in Ladakh, two in Kashmir, and one in Jammu, the Army is ensuring uninterrupted supply lines and operational readiness in challenging terrains, significantly

strengthening its capabilities along the Northern and Western borders during harsh winters.

## Operation Sadbhavana: Indian Army Transforms Arunachal Villages



29-Nov-24

Under Operation Sadbhavana, the Indian Army has significantly transformed remote villages in Arunachal Pradesh by fostering trust through philanthropic initiatives such as building schools, healthcare facilities, and sports infrastructure. The army's efforts have included constructing fences around schools, community centers, and promoting tourism through hospitality training, which has positively impacted local livelihoods. Villagers, who were once apprehensive of the forces, now express gratitude, recognizing the army as vital to their welfare. With Rs 3.14 crore allocated for 19 projects in the West Siang district for 2024-25, the army continues to strengthen its bond with the community, enhancing both security and local development.

## Desertion Crisis Weakens Ukraine's Military Efforts Against Russia



29-Nov-24

Desertion is significantly undermining the Ukrainian army's operational capacity and strategic effectiveness in its war against Russia, with over 100,000 soldiers charged with desertion since 2022. This alarming trend has jeopardized defensive positions and contributed to substantial territorial losses, highlighting serious deficiencies in Kyiv's command and management of military resources. The issue of desertion reflects not only on troop morale but also on the broader challenges faced by Ukraine in sustaining its military engagement. As the conflict continues, the impact of such internal strife could further weaken Ukraine's stance and complicate its efforts to regain lost ground against Russian forces.

## Army Chief Calls for Adaptive Doctrines at Strategy Seminar



29-Nov-24

General Upendra Dwivedi, the Chief of the Army Staff, emphasized the need for adaptive doctrines at the 26th Doctrine and Strategy Seminar held at the Army War College. The seminar focused on integrating niche technologies and re-evaluating existing military strategies in light of contemporary warfare dynamics, including lessons from the Russia-Ukraine conflict. He highlighted the importance of flexibility in military doctrines to counter hybrid threats and advocated for

rapid decision-making at tactical levels, while leveraging innovations from the private sector. The COAS underscored the significance of strong leadership to navigate these changes and stressed the integration of technology, emphasizing the ongoing Decade of Transformation (2023-2032) as pivotal for India's military evolution.

## Terrorism and Counterterrorism

### Two terror associates arrested in J&K for militant activities



29-Nov-24

Police in Jammu and Kashmir arrested two terror associates, Firdous Ahmed Wani in Doda and Abdul Satar in Udhampur, for conspiring to execute subversive activities linked to militancy. Wani was accused of reviving militancy in Doda through connections with terrorist handlers from Pakistan and POK, while Satar was involved in facilitating terrorist operations and had multiple FIRs against him. These arrests highlight the ongoing efforts of Indian security forces to combat terrorism and disrupt networks that threaten national security, demonstrating a proactive stance in ensuring stability in the region. Enhanced intelligence operations and legal frameworks like the Public Safety Act are pivotal in addressing these security challenges.

### Israeli Bus Attack in West Bank Leaves Eight Injured Amid Rising Tensions



29-Nov-24

A man opened fire on an Israeli bus near Ariel in the West Bank, resulting in injuries to at least eight individuals, four of whom suffered gunshot wounds. The attacker was subsequently killed by Israeli troops. This incident highlights the ongoing violence in the region, which has escalated following last year's conflict between Hamas and Israel in Gaza. Such attacks contribute to rising tensions and instability in the West Bank, underscoring the need for effective security measures and conflict resolution strategies to ensure the safety of civilians and restore peace in the area.

## Cybersecurity and Information Warfare

### Indian Drone Firm Accuses Chinese Companies of Copyright Theft

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29-Nov-24

Chennai-based Zuppa Geo Navigation Technology has accused Chinese firms JIYI Robot and CUAV of infringing its autopilot technology and is urging the Indian government to impose import bans on these entities to protect domestic innovation. This situation underscores the ongoing challenges related to intellectual property rights for Indian companies amid a burgeoning drone sector, fostered by initiatives like the Production-Linked Incentive (PLI) Scheme and the Aatmanirbhar Bharat campaign. Zuppa Geo's appeal to the Directorate General of Foreign Trade emphasizes the need for stringent measures against foreign exploitation, highlighting vulnerabilities that threaten India's competitive edge in technology and disincentivize local innovation.

## Miscellaneous

### Boosting Defense Innovation: Rs 120 Crore for Tech Development

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29-Nov-24

The Technology Development Fund (TDF) Scheme, initiated by the Ministry of Defence to foster self-reliance in Defence Technology under the Make in India initiative, has allocated Rs 120 crore since January 2023, with Rs 43.89 crore disbursed to support 16 MSMEs and 20 start-ups. Over the last five years, 42 projects valued at Rs 182.41 crore for MSMEs and 25 projects worth Rs 59.47 crore for start-ups have been sanctioned, resulting in the development of 26 innovative technologies including advanced military aircraft systems and unmanned vehicle simulators. This initiative significantly encourages participation from both public and private sectors, thereby enhancing India's defense technological capabilities and promoting an ecosystem of cutting-edge innovation in the defense sector. The ongoing success of the TDF underscores India's commitment to bolstering its defense industry and achieving technological independence.

### EAM Jaishankar likens India's foreign policy to cricket's evolution.

[SHARE](#)

29-Nov-24

External Affairs Minister S. Jaishankar drew parallels between cricket and Indian foreign policy at the book launch of former cricketer Mohinder Amarnath's memoir. He emphasized that just as cricket evolved post-1983, India has become a respected player on the global stage. Jaishankar highlighted the competitive nature of international relations, comparing it to the complexities of cricket, where psychological strategies and adaptability are crucial. He also touched upon India's changing posture towards Pakistan, reflecting on the lessons from cricket regarding preparation and anticipation. Overall, Jaishankar's comments underscore India's growing influence and the need for a nuanced approach in foreign policy.

### Bodies of two crew members recovered after Navy-submarine collision

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29-Nov-24

The tragic collision between the Indian Navy submarine and the fishing vessel Marthoma resulted in the recovery of the bodies of two missing crew members from the Arabian Sea off Goa's coast. The incident occurred on November 21, leading to a swift and extensive search operation involving the Indian Navy, Coast Guard, and ONGC, which successfully located the wreckage and retrieved the remains. While eleven of the thirteen crew members were rescued the same day, the joint efforts over the past week underscore the Indian Navy's commitment to conducting thorough search and rescue operations in maritime incidents, demonstrating their capabilities and dedication to safeguarding lives at sea.

### Media Registration Opens for Aero India 2025 Event

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29-Nov-24

Registration for the 15th edition of Aero India, scheduled from 10 to 14 February 2025 at Air Force Station, Yelahanka, Bengaluru, has begun for media personnel, closing on 05 January 2025. The event will feature a major trade exhibition, aerial displays by the Indian Air Force, and participation from global leaders and think-tanks, emphasizing the growth of the aerospace and defense sectors. Aero India 2025 aims to bolster the domestic aviation industry and promote the Make in India initiative, following the success of Aero India 2023, which saw over 809 exhibitors from 27 countries. This international gathering underscores



India's commitment to becoming a key player in the global defense market.

## EtherealX Launches Razor Crest Mk-1: A Game Changer in Space Access



29-Nov-24

EtherealX, a Bangalore-based aerospace startup, has unveiled the Razor Crest Mk-1, a fully reusable medium-lift launch vehicle aimed at reducing space access costs. The vehicle features a powerful Stallion engine capable of generating 925 kN of thrust, enhancing its capability to carry diverse payloads like satellites and space stations. By emphasizing reusability, EtherealX is positioning itself as a significant contender in the global space launch market, contributing to more affordable space exploration. This innovative approach not only showcases India's growing prowess in aerospace technology but also aligns with the nation's strategic goal of becoming a leader in the space domain, promoting technological independence and economic growth.

## India Deploys 33 Supercomputers, Boosting Self-Reliance in Tech



29-Nov-24

As of November 21, 2024, India has deployed 33 supercomputers with a combined capacity of 32 petaflops under the National Supercomputing Mission (NSM), enhancing the nation's capability in indigenously designing and manufacturing supercomputers. The recently commissioned PARAM Rudra supercomputers in Pune, Delhi, and Kolkata will support advanced research in fields like physics and earth sciences. This initiative aligns with Prime Minister Modi's vision of Atmanirbharta (self-reliance), reducing dependency on foreign technologies while fostering a robust research ecosystem across various institutions. The NSM, initiated in 2015, exemplifies India's commitment to strengthening its scientific and technological infrastructure.

## Bangladesh seeks ICC trial for ex-PM Hasina amid domestic charges



29-Nov-24

Bangladesh's interim government, led by Chief Adviser Muhammad Yunus, is pursuing the prosecution of deposed Prime Minister Sheikh Hasina in the International Criminal Court (ICC) alongside ongoing domestic trials for crimes against humanity. Hasina, who fled to India amid protests, faces charges related to alleged atrocities during her tenure, including enforced disappearances. Yunus has requested

Hasina's repatriation from India to stand trial, while the ICC's prosecutor has indicated a willingness to cooperate with Bangladesh's Internal Crimes Tribunal, which has issued arrest warrants for Hasina and her allies. The discussions also touched on the Rohingya crisis and accountability for Myanmar's military actions against the Rohingya people.

## Ousted PM Hasina denounces arrest of Hindu leader, calls for unity



29-Nov-24

Sheikh Hasina, Bangladesh's ousted prime minister, has condemned the arrest of Hindu leader Chinmoy Krishna Das on sedition charges, demanding his immediate release and emphasizing the need for religious freedom and communal security. She criticized the interim government led by Muhammad Yunus for failing to protect citizens, highlighting recent violence against the Hindu community and urging unity against terrorism. Hasina pointed out the historical marginalization of Hindus, whose population has significantly decreased from 22% in 1971 to about 8% today due to socio-political factors and violence. Her statements reflect broader concerns about rising extremism and human rights violations in Bangladesh.

## UK MP Denounces Violence Against Hindus in Bangladesh



29-Nov-24

Recent violent incidents targeting Hindus in Bangladesh, particularly following political turmoil after Sheikh Hasina's resignation, have led to over 2,000 documented attacks, prompting international concern. Indian political parties, including the BJP and Congress, have organized protests in Kolkata, demanding justice and stronger protections for Hindus. The Indian government has expressed deep concern for Hindu safety, urging action against extremist elements, but the Bangladeshi government has rebuffed claims of interference, emphasizing its judicial independence. This situation highlights the delicate balance between advocating for minority rights and respecting national sovereignty, with India advocating for its cultural and historical ties to the Hindu community in Bangladesh.

## India Delivers Medical Aid to Strengthen Ties with Zambia



29-Nov-24

India has dispatched medical supplies to Zambia as part of its commitment to strengthen bilateral relations and address health challenges, including a cholera outbreak. External Affairs Minister S. Jaishankar

emphasized the aid's role in enhancing Zambia's healthcare capabilities, reflecting India's dedication to solidarity and mutual support. This initiative is significant given the historical ties between the two nations, underscored by the presence of around 25,000 people of Indian origin in Zambia. Overall, this gesture not only enhances Zambia's medical infrastructure but also reinforces India's soft power and diplomatic influence in Africa, showcasing its role as a responsible global partner.

## Pakistan Rejects ICC's Hybrid Champions Trophy Model Amid Tensions



29-Nov-24

The Pakistan Cricket Board (PCB) has rejected the ICC's proposed hybrid model for the Champions Trophy,

insisting that the tournament should be wholly hosted in Pakistan. PCB Chairman Mohsin Naqvi argued that the hybrid model unfairly favors India, which has not played in Pakistan since the 2008 Mumbai attacks due to political tensions. The PCB called for equal treatment and clarity regarding the Indian government's stance on traveling to Pakistan. This situation highlights the broader geopolitical tensions between India and Pakistan, affecting not only cricketing relations but also the operational dynamics of international sporting events.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
APOLLO	96.31	101.3	95.6	100.11	3350877	3.95	55.94	97.14	107.47
ASTRAMICRO	781.0	804.0	770.1	799.55	238449	3.09	55.64	771.64	785.14
MAZDOCK	4511.0	4690.0	4413.7	4594.15	3127301	1.61	66.08	4155.93	3578.49
LT	3635.1	3750.0	3635.1	3724.8	2094305	1.6	60.11	3616.24	3583.94
DATAPATNS	2469.1	2516.95	2432.85	2503.4	155343	1.48	61.03	2330.03	2693.07
MIDHANI	341.8	349.65	337.0	346.4	509410	1.39	56.37	327.53	413.81
CFE	693.95	693.95	668.0	683.75	10800	1.34	63.73	633.02	599.66
NIBE	1680.0	1750.0	1650.0	1709.95	23806	1.31	48.19	1751.89	1701.4
HIGHENE	594.8	608.0	588.0	595.0	7375	1.12	43.95	614.45	709.69
ADANIENT	2464.05	2520.0	2400.0	2463.15	8191680	1.07	40.2	2691.51	3068.91
BEL	305.7	310.6	305.0	308.0	23241947	0.74	64.24	291.05	268.18
MTARTECH	1780.95	1810.0	1773.5	1787.65	96859	0.44	63.47	1680.69	1812.96
ZENTEC	1912.0	1914.0	1879.35	1897.4	156276	0.26	59.59	1826.63	1342.11
BHARATFORG	1332.0	1345.85	1325.95	1332.25	705598	0.23	39.5	1366.37	1434.18
HAL	4459.0	4499.0	4420.7	4476.85	967791	0.22	59.24	4268.66	4303.11
DCXINDIA	335.0	342.0	331.1	335.45	275716	0.18	55.38	331.22	333.23
LOKESHMACH	362.0	365.2	356.9	360.35	35539	0.18	50.24	356.2	389.65
AZAD	1739.95	1780.0	1720.0	1729.65	196622	0.18	64.48	1625.3	1489.06
PTC	173.85	175.27	172.01	173.65	933352	-0.01	46.48	174.34	203.86
COCHINSHIP	1579.25	1585.0	1510.75	1577.3	750162	-0.12	60.11	1432.2	1641.15
IDEAFORGE	574.0	579.75	570.55	572.9	78131	-0.19	40.52	583.44	704.93
HBLPOWER	631.85	631.85	613.7	623.65	1125011	-0.44	63.9	565.28	549.67
AVANTEL	158.4	158.75	155.33	156.55	461412	-0.46	45.15	158.71	-
SIKA	2482.05	2549.95	2482.05	2523.2	982	-0.47	50.95	2509.81	2400.6
PARAS	1086.9	1086.9	1062.25	1074.6	104891	-0.63	57.26	1019.12	1000.52
BEML	4294.0	4322.5	4212.15	4239.5	407341	-0.69	62.88	4002.21	3844.12
MARINE	268.0	275.0	254.31	262.09	692842	-1.02	66.99	232.31	176.03
PREMEXPLN	471.7	471.8	455.3	461.8	106334	-1.23	51.72	447.6	502.97
BDL	1169.95	1170.0	1132.05	1150.0	786403	-1.71	60.38	1038.27	1176.29
SOLARINDS	10950.0	11142.95	10628.15	10681.2	109191	-1.95	56.14	10140.66	9742.88
GRSE	1719.95	1719.95	1640.45	1679.25	1003122	-2.45	59.58	1518.02	1495.88
TANEJAERO	429.95	440.0	417.0	418.0	20623	-2.78	46.56	413.53	490.9
TEMBO	0.0	695.35	695.35	695.35	18332	-4.84	76.91	554.48	311.81
KRISHNADEF	0.0	634.0	630.0	630.0	51000	-10.54	39.65	680.49	590.96
ROSSELLIND	0.0	83.9	83.9	83.9	4329	-11.98	25.47	91.46	426.72