



Defence Pro News & Analysis

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Top Gainers

Stock	Close	Prev	Change
APOLLO	98.47	93.57	+5.24%
AVANTEL	173.15	164.97	+4.96%
CFF	554.6	530.65	+4.51%
SIKA	2535.5	2488.0	+1.91%
BHARATFORG	1429.65	1405.0	+1.75%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	82.81	87.17	-5.0%
KRISHNADEF	644.65	676.1	-4.65%
SOLARINDS	10425.5	10864.45	-4.04%
LOKESHMACH	354.55	366.6	-3.29%
HBLPOWER	540.75	558.6	-3.2%

Defense Business and Industry

Hyundai Rotem Withdraws K2 Black Panther from Indian FRCV Bid



25-Oct-24

Hyundai Rotem has announced it will not participate in the Indian Army's tender for 1,770 Future-Ready Combat Vehicles (FRCVs), removing a prominent contender from this monumental procurement program. Analysts suggest that the high unit cost of the technologically advanced K2 Black Panther and stringent Indian defense procurement policies requiring 55-60% local content and technology transfer factored into this decision. The Indian Army's FRCV program aims to modernize its fleet by replacing aging T-72 tanks, underscoring India's commitment to enhancing military capabilities amid evolving geopolitical challenges. While the K2's absence is notable, the competition for the FRCV contract will likely stimulate growth in India's defense manufacturing sector and bolster indigenous capabilities.

Indian Defence Market to Grow 14% Annually with Indigenisation



25-Oct-24

The Indian defence market is poised for 14% annual growth, driven by indigenisation initiatives like Make in India and Atmanirbhar Bharat, which aim to reduce foreign dependency. With defence exports rising fourteen-fold since FY 2017, projections indicate a growth to \$7 billion by FY 2030. The total market opportunity could reach \$100 billion in the next five to six years, fueled by domestic production and enhanced international relations. Despite being among the top three global spenders, India's defence expenditure remains relatively low, suggesting significant potential for increased investment in national security and manufacturing capabilities, aligning with global geopolitical demands.

ISRO Chairman: India Produces 95% of Its Rocket Components



25-Oct-24

India's space policy is increasingly focusing on military capabilities, driven by concerns over China's advancements in military space technology. ISRO Chairman Dr. Somanath highlighted the remarkable achievement of manufacturing 95% of rocket components domestically, while also noting the need to enhance high-end electronics sourced from abroad. The establishment of IN-SPACe is fostering private sector participation, promoting a sustainable ecosystem for satellite activities. ISRO is also prioritizing Space Situational Awareness to manage risks from space debris and engaging in international efforts for responsible space governance, underscoring India's commitment to a secure and sustainable presence in outer space. This strategic shift positions India as a key player in the global space landscape.

Vijayan Trishul Defence Solutions Launches New Amritsar Facility



25-Oct-24

Vijayan Trishul Defence Solutions has expanded its operations by establishing a new facility in Amritsar, aimed at enhancing the production of various defence equipment and systems. This initiative supports the Indian government's push for self-reliance in defence manufacturing, reducing reliance on foreign imports while bolstering local production capabilities. The company is set to commence production within 1.5 to 2 years, positioning itself as a key player in India's transforming defence landscape. This development reflects a broader trend in the Indian defence sector, reinforcing the commitment to indigenous manufacturing and strengthening national security.

Nvidia Proposes Joint AI Chip Development with India



25-Oct-24

Nvidia has proposed a collaboration with India to develop a customized AI chip aimed at addressing the country's unique

technological needs, particularly in sectors like security and government initiatives. This partnership leverages India's substantial talent pool of chip designers and aims to establish a self-sufficient semiconductor ecosystem, reducing reliance on foreign manufacturing. By working with local entities, including the Centre for Development of Advanced Computing, Nvidia seeks to enhance local expertise, positioning India as a significant player in the global semiconductor supply chain. This initiative is pivotal for India's aspirations for technological self-sufficiency and innovation in AI, ultimately strengthening its defense and tech capabilities.

TEJAS Jet Integrates JDAM-ER Kits for Enhanced Strike Capability SHARE

25-Oct-24

The Indian Air Force is integrating JDAM-ER precision-guided munition kits into its TEJAS fleet as part of a modernization effort, improving its capabilities significantly. These kits enhance the operational range to 80 kilometers, allowing for high-accuracy strikes, which is crucial for minimizing collateral damage. This development is particularly significant given the geopolitical tensions along India's northern borders with China, showcasing India's commitment to strengthening its defensive and offensive capabilities. By incorporating such advanced technologies, the TEJAS is positioned as a vital asset in India's air power strategy, reflecting a broader trend of modernization within the country's military forces.

IAF in Talks to Buy 12 Mirage-2000-5 Jets from Qatar SHARE

25-Oct-24

India is negotiating to acquire 12 Mirage-2000-5 fighter jets from Qatar, with discussions focusing on their operational capabilities and pricing. Qatar has proposed a cost of approximately 5,000 crore for the jets, but Indian officials aim for a lower price of around 300 crore per aircraft, seeking additional benefits like spare parts. The acquisition would increase the IAF's Mirage fleet to 60, enhancing operational readiness, especially given the aircraft's proven capabilities in past conflicts. Importantly, the compatibility of the Qatari and Indian Mirage variants will facilitate maintenance and training, supporting India's strategic defense objectives amid evolving regional challenges.

Modi, Spain PM to inaugurate C-295 aircraft plant in Vadodara. SHARE

25-Oct-24

Prime Minister Narendra Modi and Spanish PM Pedro Sanchez will inaugurate the Tata Advanced Systems Ltd-Airbus factory in Vadodara on October 28, marking a significant step in India's defense manufacturing capabilities with the production of C-295 transport aircraft. This initiative, part of the Make in India program, aims to replace the outdated Avro-748 planes of the Indian Air Force. The project is noteworthy as it represents the first instance of indigenous military aircraft manufacturing by a private company in India, with Tata expected to produce 40 of the aircraft. The collaboration with Airbus underscores India's commitment to enhancing its defense self-reliance and fostering international partnerships.

GRSE Unveils India's First Double Lane Portable Steel Bridge SHARE

25-Oct-24

Garden Reach Shipbuilders & Engineers Limited (GRSE) has successfully developed and delivered India's first-ever Double Lane Portable Steel Bridge for the Border Roads Organization (BRO), enhancing infrastructure in border areas. This innovative bridge, with a 7.5-meter-wide carriageway, underscores GRSE's engineering capabilities and commitment to national security. Under a Memorandum of Understanding, GRSE is set to supply 27 such bridges in Northeast India, bolstering connectivity in remote regions. The indigenous design not only fosters self-reliance but also positions India as a potential exporter of advanced bridge solutions, reflecting the government's focus on strengthening border infrastructure and improving logistics in strategically important areas.

Tejas Mk1A Enhances Combat Power with Jamming Pods and Astra Missiles SHARE

25-Oct-24

India's Light Combat Aircraft (LCA) Tejas Mk1A has been observed equipped with ELL-8212/ELL-8222 Self Protection Jamming Pods and Astra Mk1 Beyond Visual Range (BVR) missiles, marking a significant enhancement in its combat capabilities. The integration of these systems underscores the IAF's commitment to modernizing its fleet for contemporary aerial warfare. The ELL-8212/ELL-8222 pods improve survivability against various threats, while the Astra Mk1 extends the aircraft's striking range. Furthermore, India's focus on indigenization is evident with plans to eventually integrate the Advanced Self-Protection Jammer (ASPJ) developed by DRDO, enhancing self-reliance in defense technologies and ensuring mission success for the Tejas Mk1A.

Indian Navy's MULE RPA Project Sparks Design Origin Debate SHARE

25-Oct-24

At Swavlamban 2024, the Indian Navy's Multi-Utility Long Endurance (MULE) Remotely Piloted Aircraft (RPA) drew attention for its potential in enhancing maritime capabilities, despite speculation about its design's origin, particularly its resemblance to Ukraine's RZ-500 UAV. While observers question the extent of foreign influence in MULE's development, the Indian Navy's involvement underscores its commitment to advancing indigenization under the Atmanirbhar Bharat initiative. The upcoming developmental trials will be crucial in confirming MULE's operational viability and clarifying its design origins. The MULE bears a striking resemblance with Ukrainian RZ-500. Ultimately, the success of MULE could significantly bolster India's unmanned warfare capabilities, reinforcing its strategic maritime position.

Should India Invite Global Partners for the AMCA Program? SHARE

25-Oct-24

India's 5th-generation Advanced Medium Combat Aircraft (AMCA) program, aimed at establishing indigenous fighter jet

capabilities, is being discussed for potential international collaboration to enhance export readiness and share development costs. Similar to the KF-21 and Turkish Kaan programs, inviting other countries could bolster India's defense diplomacy, reduce financial burdens, and increase global visibility for the AMCA. However, India must ensure that such collaborations maintain technological independence, aligning with the Atmanirbhar Bharat initiative. By strategically inviting partners, India could secure early export orders, recover investments, and solidify its standing as a significant defense exporter in the global market.

IRDE Seeks Indian Partners for Advanced EO Test Facility SHARE

25-Oct-24

The Instrument Research & Development Establishment (IRDE) has issued an Expression of Interest to invite Indian industries to establish a Hardware-in-the-loop (HIL) Test Facility for advanced Electro-Optical (EO) Sensors. This initiative aims to enhance India's indigenous defense technology capabilities, allowing for efficient testing of systems such as Infrared Search and Track and Electro-optical fire control systems without the need for extensive field trials. By engaging only Indian industries, this move underscores the government's commitment to indigenization in defense technologies. The facility will significantly reduce development time and costs, providing critical insights into system performance across various operational scenarios while ensuring national security considerations are prioritized.

France Proposes Joint Development of Next-Gen AASM Hammer with India SHARE

25-Oct-24

France has proposed a joint development initiative with India for the next-generation AASM Hammer, an air-to-surface stand-off weapon, during high-level discussions, showcasing the strengthening defense partnership between the two nations. The AASM Hammer, already integrated with India's Rafale jets and set for inclusion in the LCA-Tejas Mk1A, features advanced capabilities such as all-weather operation and smart guidance. The initiative aims to enhance its range and effectiveness, significantly boosting India's strategic military capabilities. This collaboration not only highlights the growing trust between India and France but also reflects their commitment to advancing defense technologies and strengthening their strategic partnership.

DRDO to Transform SWiFT into 1-Ton Stealth UCAV for Bombing and Surveillance SHARE

25-Oct-24

The Indian Air Force has approved the Defence Research and Development Organisation's transition of the Stealth Wing Flying Testbed (SWiFT) into a 1-ton operational unmanned combat aerial vehicle (UCAV) designed for mini-bomber and surveillance roles. This advancement underscores India's commitment to enhancing its aerial warfare capabilities with stealth technology,

enabling precision strikes and real-time intelligence gathering while minimizing detection risks. The UCAV, powered by an indigenously developed Small Turbo Fan Engine, showcases a strategic shift towards unmanned systems, reflecting a global trend in military modernization. By prioritizing survivability and operational versatility, India aims to strengthen its defense posture in increasingly contested airspace environments.

US Navy to Equip Ships with Patriot Missiles Against China SHARE

25-Oct-24

The US Navy is planning to arm its ships with Patriot PAC-3 MSE missiles to counter China's hypersonic weapons, enhancing naval defenses in the Indo-Pacific amidst escalating tensions. This move highlights the growing threats posed by China's advanced military capabilities and the necessity for robust defensive systems. Integrating these missiles into naval operations represents a strategic shift, emphasizing the need for readiness against high-tech threats. From an Indian perspective, this development underscores the importance of strengthening India's own defense mechanisms and alliances in the region, ensuring preparedness against similar challenges posed by regional adversaries.

Germany's Defence Minister Pursues 600 Taurus Missiles Amidst Security Concerns SHARE

25-Oct-24

German Defence Minister Boris Pistorius is seeking to acquire 600 Taurus cruise missiles, valued at \$2.3 billion, although funding is not yet secured. The request comes amid Ukraine's demand for long-range weaponry, raising concerns regarding the potential usage of these missiles. Deliveries of the advanced Taurus Neo version are slated for 2029, contingent upon funding approval. This move underscores Germany's commitment to enhancing its military capabilities and reflects a broader trend among NATO allies to bolster their arsenals in response to evolving security threats, which could also have implications for India's defense strategy as it observes global arms procurement dynamics.

NP5 LCA Naval Trainer Prototype Gears Up for TEDBF Tests SHARE

25-Oct-24

The NP5 LCA Naval trainer prototype is being prepared for testing to support the development of the Twin-Engine Deck-Based Fighter (TEDBF), crucial for India's naval operations. This prototype will gather data on key performance metrics such as takeoff and landing procedures, aiding in the refinement of the TEDBF's design. Although the TEDBF program has not yet received CCS Clearance or completed CDR, ongoing research will facilitate smoother future progression. The NP5's testing role is significant for identifying potential challenges early, thereby minimizing risks and aiding in the successful development of this vital asset for India's defense capabilities.

Sagar Defence's Autonomous Weaponized Boat Swarm Begins Trials in Mumbai



25-Oct-24

Sagar Defence Engineering's Autonomous Weaponized Boat Swarm (AWBS) has commenced pre-delivery trials in Mumbai following the Indian Navy's approval for 12 units. These advanced unmanned boats, equipped with dual cameras, radar tracking, and a 12.7 mm SRCG gun, can be remotely controlled and integrated with UAVs for enhanced situational awareness. The strategic allocation of 10 units to the Navy and 2 to the Army for deployment at Pangong Lake underscores their versatility in both maritime and land operations. This development exemplifies India's commitment to modernizing its defense capabilities and leveraging cutting-edge technologies to bolster national security.

Global Supply Chain Issues Threaten India's Fighter Jet Procurement



25-Oct-24

Global supply chain disruptions are threatening the timelines for India's Multi-Role Fighter Aircraft (MRFA) tender, which aims to procure 114 jets for the Indian Air Force (IAF). Major competitors like Lockheed Martin, Dassault Aviation, and Boeing face delays due to shortages in critical components and skilled labor, exacerbated by geopolitical tensions and the pandemic. These delays could hinder India's defense preparedness and affect air combat readiness amidst rising regional threats. In light of these challenges, India should accelerate its indigenous production capabilities, such as the HAL Tejas and the forthcoming Advanced Medium Combat Aircraft (AMCA), to bolster its air force autonomy and readiness.

India Tests Indigenous 80mm Rocket, Boosting Defense Innovation



25-Oct-24

Chennai-based TridenTech Engineering Pvt Ltd, in collaboration with IIT Madras, Bharat Electronics Limited, and others, successfully tested an indigenous 80mm unguided rocket, marking a significant advancement in India's defense capabilities. This achievement showcases the effectiveness of collaborative efforts in defense R&D, with each partner contributing unique expertise. The rocket aims to fulfill the Indian military's requirements for efficient and rapidly deployable systems, offering potential for area suppression in combat scenarios. Future tests will enhance its performance metrics, potentially leading to guided variants, thereby strengthening India's defense industry and self-reliance in military technology.

IAF Innovates with Local Flight Data Recorder Featuring Cameras



25-Oct-24

The Indian Air Force (IAF) is set to enhance its flight data recording capabilities by developing a locally designed Flight Data Recorder (FDR) that incorporates onboard cameras. This innovative system aims to capture a broader range of operational data, addressing limitations of current FDRs, and will leverage AI

for image analysis to convert visual gauge readings into digital data. Additionally, it will facilitate predictive maintenance by identifying potential issues early, thereby improving aircraft safety and reducing downtime. This initiative underscores the IAF's commitment to modernizing its technology and enhancing operational efficiency through collaboration with the private sector.

AWEL to Develop Autonomous Sniper Robots with Private Sector



25-Oct-24

AWEL is initiating the development of an autonomous robot sniper system, inviting private sector collaboration to enhance the capabilities of the Indian Armed Forces in complex combat scenarios. This robotic system aims to enable remote-controlled and autonomous operations, integrating advanced sniper technology to operate effectively across diverse terrains while minimizing risks to soldiers. The decision to partner with private firms underscores the significance of public-private collaborations in advancing defense capabilities, leveraging expertise in AI and robotics. Overall, this initiative represents a significant step towards modernizing India's military capabilities and ensuring operational effectiveness in challenging environments.

DRDO Conclave 2024 Kicks Off in Pune to Revolutionize Defense R&D



25-Oct-24

The DRDO Directors Conclave 2024 commenced in Pune on October 25, focusing on transforming India's defense research and development landscape. Inaugurated by DRDO Chairman Dr. Samir V Kamat, the event emphasized the importance of technological leadership and the need for reforms to achieve the government's vision of Aatmanirbhar Bharat. Discussions included enhancing collaboration with industry and academia to foster a robust defense R&D ecosystem, aligning with future conflict requirements. This initiative represents a proactive approach to bolster India's self-reliance in defense technology, reflecting a strategic commitment to maintaining a competitive edge in an evolving global security environment.

Abhay: Indian Navy's 7th ASW Shallow Water Craft Launched



25-Oct-24

The Indian Navy's seventh Anti-Submarine Warfare Shallow Water Craft (ASW SWC), named Abhay, was launched on October 25, 2024, at L&T, Kattupalli. This launch is part of a contract for eight such vessels signed in April 2019, designed to replace the older Abhay class and perform vital operations in coastal and low-intensity maritime environments. Notably, the ASW SWC boasts over 80% indigenous content, reinforcing India's commitment to Aatmanirbhar Bharat in defense production, which enhances local manufacturing capabilities and generates employment opportunities. This initiative underscores India's strategic focus on strengthening its naval capabilities while promoting self-reliance in defense technology.

Defense Policy and Budgeting

Germany Fast-Tracks Military Approvals for India's Submarine Deal SHARE

25-Oct-24

Germany has granted India a special status to expedite military procurement approvals, particularly concerning the multi-billion dollar P-75I submarine deal, which will be discussed during Chancellor Olaf Scholz's visit to India. This marks a significant shift in Germany's defense ties with India, aiming to establish a strategic partnership amid efforts to diversify economic relationships and counterbalance China's influence. Scholz emphasized the necessity for deeper cooperation and accelerated trade negotiations between India and the EU. Germany's initiative to provide submarines through Thyssenkrupp signifies a critical step in modernizing India's navy, enhancing its defense capabilities, while also benefiting the German defense industry amid a reassessment of bilateral ties. This development is poised to strengthen India-Germany relations in both defense and various industrial sectors.

Geopolitics and Security Alliances

India and China Start Troop Disengagement in Ladakh by Next Week SHARE

25-Oct-24

India and China have initiated troop disengagement at the Demchok and Depsang Plains in eastern Ladakh, with completion expected by October 28-29. This development follows an agreement on patrolling and troop disengagement along the Line of Actual Control (LAC), marking a significant step towards resolving the over four-year standoff that began after the Galwan Valley clash in June 2020. The agreement was endorsed by Prime Minister Modi and President Xi Jinping during their recent bilateral meeting at the BRICS Summit, highlighting the diplomatic efforts involved in stabilizing relations. This process is crucial for restoring peace and normalizing patrolling activities to pre-April 2020 levels, reflecting India's commitment to constructive dialogue while safeguarding its territorial integrity.

Dar: No formal talks with Jaishankar at SCO meeting SHARE

25-Oct-24

Pakistan's Foreign Minister Ishaq Dar stated that no formal meeting occurred between him and Indian External Affairs Minister S. Jaishankar during the recent SCO meeting, although informal conversations took place. Jaishankar's visit marked a significant moment as he was the first Indian foreign minister to visit Pakistan in nearly a decade. While Pakistan renewed an agreement for facilitating Indian pilgrims to Gurdwara Darbar Sahib, it reiterated its support for Kashmir. The acknowledgment

of Pakistan's absence from the recent BRICS summit highlights its growing isolation as India strengthens its multilateral engagements, further emphasizing the need for Pakistan to address its diplomatic challenges.

India-Bangladesh Border Talks Delayed Amid Political Changes SHARE

25-Oct-24

The scheduled DG-level border talks between India and Bangladesh, set for next month in Delhi, have been postponed due to recent political changes in Bangladesh, now governed by an interim administration led by Muhammad Yunus. These discussions, which involve high-ranking officials from the Indian Border Security Force and the Bangladeshi Border Guard, aim to enhance border management and combat cross-border crimes, building on the previous meeting held in March 2024. While the Bangladeshi government is working to reschedule, the current political climate may impact the talks' agenda and effectiveness. Nonetheless, the commitment to reinforce cooperation in border security remains a positive aspect for both nations.

Taiwan's President Vows Unyielding Defense of Island Territory SHARE

25-Oct-24

Taiwan President Lai Ching-Te has reaffirmed the island's commitment to defending its territory amid escalating tensions with China, which has ramped up military activities near Taiwan. His statement emphasizes Taiwan's determination to maintain sovereignty and resist Beijing's coercive tactics. This stance highlights the growing geopolitical complexities in the region, where China's assertiveness poses challenges not only to Taiwan but also to neighboring countries, including India, which remains vigilant about its own territorial integrity and regional security. India's strategic focus on enhancing defense capabilities and fostering international partnerships reflects a proactive approach to similar threats, reinforcing its commitment to stability in the Indo-Pacific.

Indian Envoy: Khalistanis are Key Assets for Canadian Intelligence SHARE

25-Oct-24

Indian envoy Sanjay Verma defended his claim that Khalistani extremists are "deep assets" of Canadian intelligence, criticizing Canadian PM Trudeau for making unsubstantiated allegations against India regarding the assassination of a Khalistani terrorist. Verma emphasized the lack of evidence from Canada while highlighting the political influence of Khalistani elements in Canada, which he believes harms India-Canada relations. He expressed disappointment over failing to improve bilateral ties but reiterated India's commitment to protecting its interests against politically motivated attacks. The ongoing tensions reflect deeper issues related to extremism and the safety of Indian diplomats in Canada amidst Trudeau's alleged support for anti-India sentiments.

Israeli Strikes Claim 38 Lives in Gaza; 3 Journalists Killed in Lebanon SHARE

25-Oct-24

Israeli airstrikes in Gaza's Khan Younis resulted in the deaths of 38 people, along with three journalists in southern Lebanon, amidst ongoing violence that has raised concerns over supply shortages in Gaza. The international community is increasingly pressing for a cease-fire as casualties mount on both sides. The lack of comment from the Israeli military adds to the complexity of the situation, highlighting the challenges in addressing humanitarian needs amid military operations. This escalation underscores the need for diplomatic efforts aimed at de-escalating tensions and protecting civilian lives, while also acknowledging the security concerns that drive military actions.

Putin asserts Russia's right to deploy North Korean troops SHARE

25-Oct-24

Russian President Vladimir Putin emphasized that the use of North Korean troops in the Ukraine conflict is a matter for Russia to decide, amidst U.S. claims of 3,000 North Korean soldiers being deployed to support Moscow. He defended this move as part of a strategic partnership with Pyongyang, while also criticizing Western actions towards Ukraine and NATO. This situation underscores the evolving geopolitical landscape, where alliances are shifting and traditional power dynamics are being tested. For India, which maintains a focus on strategic autonomy and regional stability, the developments highlight the importance of a robust defense posture and vigilant diplomacy in navigating complex global alliances.

Zelenskyy warns of North Korean troops joining Russia in Ukraine SHARE

25-Oct-24

Ukrainian President Volodymyr Zelenskyy has raised concerns that North Korean troops may soon join Russian forces in Ukraine, with intelligence indicating that around 12,000 North Korean soldiers have received training in Russia. This development could significantly escalate the ongoing conflict and heighten international diplomatic tensions. The potential involvement of North Korean troops underlines the complexity of the geopolitical landscape and the necessity for countries like India to closely monitor these alliances and their implications for regional security. In this volatile context, India's strategic interests must remain focused on fostering stability while reinforcing its own defense capabilities to counter any adverse developments.

India and Germany unite against Ukraine conflict and terrorism. SHARE

25-Oct-24

India and Germany expressed deep concern over the ongoing Ukraine conflict and condemned nuclear threats during the 7th round of Inter-Governmental Consultations. Both nations emphasized the fight against terrorism and extremism, underlining the need for global food and energy security while reinforcing the importance of adhering to international law. This

collaboration reflects a shared commitment to stability and security, showcasing India's proactive diplomatic stance as it engages with key global partners to address pressing international challenges. By aligning with Germany on these issues, India reaffirms its role as a responsible global player advocating for peace and security in an increasingly complex geopolitical landscape.

Military Operations

Singapore Navy Ship RSS Tenacious arrives in Visakhapatnam for SIMBEX 31. SHARE

25-Oct-24

The Singapore Navy Ship RSS Tenacious has arrived at Visakhapatnam to participate in the 31st Singapore-India Maritime Bilateral Exercise (SIMBEX) from October 23-29. The exercise aims to strengthen the strategic partnership between India and Singapore, focusing on enhancing interoperability and addressing maritime challenges. The exercise includes a Harbour Phase with expert exchanges and a Sea Phase featuring advanced naval drills. This collaboration reflects India's growing defense diplomacy and its commitment to fostering regional security, as highlighted by the recent elevation of India-Singapore relations to a Comprehensive Strategic Partnership during Prime Minister Modi's visit to Singapore.

Terrorism and Counterterrorism

Army Commander: Focus on Ending Violence and Terror in J&K SHARE

25-Oct-24

Northern Army Commander Lieutenant General M V Suchindra Kumar emphasized the Indian Army's commitment to breaking the cycle of violence and dismantling the terror ecosystem in Jammu and Kashmir, highlighting recent strategic discussions at a Unified Headquarters meeting. The Army has neutralized 720 terrorists over the past five years, with residual figures now between 120 to 130, while recruitment has dropped to single digits. He noted that enhanced security measures and the establishment of Village Defence Groups are pivotal in ensuring peace and development. The collaborative efforts of various agencies reflect a strong focus on community relations, empowering local youth and fostering a secure environment for nation-building.

NIA apprehends Khalistani terrorist's key aide at Delhi airport SHARE

25-Oct-24

The National Investigation Agency (NIA) arrested Baljeet Singh, a key aide of Khalistani terrorist Arsh Dala, upon his arrival at Delhi airport from the UAE. He is implicated in logistics, extortion, recruitment, and funding for the Khalistan Terrorist Force (KTF), contributing significantly to terrorism in Punjab. His arrest, part of ongoing NIA efforts, underscores India's commitment to

combating terrorism and dismantling networks like the KTF that threaten national security. This development is crucial for reinforcing the rule of law and stability in the region, demonstrating proactive measures by Indian authorities to address and mitigate the risks posed by extremist groups.

Khalistani Attack on Indian Envoy in Canada Raises Concerns

25-Oct-24

Indian High Commissioner to Canada, Sanjay Verma, recounted a threatening incident where Khalistani extremists attacked him with a sword in Alberta, while he was attending a business event with his wife. Verma highlighted the need for distinguishing a sword from a kirpan, asserting that the local authorities initially underestimated the threat. He criticized the Canadian government for allowing anti-India elements to intimidate peace-loving Indo-Canadians and emphasized the damage to bilateral relations following allegations against India regarding the killing of Khalistani terrorist Hardeep Singh Nijjar. India firmly rejected these allegations as absurd and motivated, asserting that Canada must ensure the safety of its diplomats and the Indian community.

J-K LG calls for strategic action to eliminate terrorism

25-Oct-24

Lieutenant Governor Manoj Sinha urged security forces in Jammu and Kashmir to devise a comprehensive strategy to eradicate terrorism and disrupt its logistical networks. During a Unified Headquarters meeting with top security officials, he emphasized the need for proactive measures to ensure safety, particularly following recent attacks on non-local laborers. Sinha highlighted the importance of securing ongoing development projects to foster peace and prosperity in the region. The government's commitment to making Jammu and Kashmir terror-free is crucial for allowing its residents to lead normal lives, showcasing a robust approach to enhancing security and stability in the Union Territory.

Terrorist Attack in Baramulla Claims Lives of Two Soldiers and Porters

25-Oct-24

A recent terrorist attack in Baramulla, J&K, resulted in the death of two soldiers and two civilian porters, while three soldiers were injured when their vehicle was ambushed. This incident, occurring in a typically peaceful area frequented by tourists, raises concerns about the resurgence of militant activities. Previous attacks, including a deadly assault on a workers' camp in Ganderbal, highlight the ongoing threat to security forces and civilians, particularly in the context of infrastructure projects aimed at boosting the local economy. The strong condemnation from various political leaders underscores a united front against terrorism and the importance of safeguarding development efforts in the region.

Soldier dies from J&K terrorist attack; death toll rises to 5.

25-Oct-24

A terrorist attack on an Army vehicle in Botapathri, Gulmarg, resulted in the death of a soldier, raising the toll to five. Following this, Lieutenant Governor Manoj Sinha convened a Unified Headquarters Meeting to assess the security situation, emphasizing a strong response to neutralize the attackers. The Chief Minister condemned the attack and expressed condolences, highlighting the serious concern over the increasing violence in the region. This incident underscores the ongoing challenges faced by Indian security forces in Jammu and Kashmir, particularly in areas historically considered safe, necessitating enhanced vigilance and operational readiness to safeguard both military personnel and civilians.

New Book Reveals Jaish-e-Mohammad's Al Qaeda Connections

25-Oct-24

Jaish-e-Mohammad, a highly lethal terror group in South Asia with links to Al Qaeda, is highlighted in Dr. Abhinav Pandya's new book, which examines its operational impact and the broader security challenges it poses to India. The book's launch, attended by notable personalities, emphasizes the complex geopolitical dynamics involved in countering such groups. The persistent threat from Jaish-e-Mohammad underscores the importance of a robust national security strategy for India, as it faces a multifaceted battle against terrorism. Addressing these challenges is crucial for regional stability and the protection of India's sovereignty, further necessitating international cooperation and effective counter-terrorism measures.

Miscellaneous

India's Aviation Boom: 4,000 New Aircraft and 200 Airports Ahead

25-Oct-24

India's civil aviation sector is poised for significant growth, with plans to acquire 4,000 new aircraft and develop 200 additional airports over the next 20 years. Airbus is heavily investing in India, expecting to increase its direct workforce to over 5,000 and source \$2 billion in services and components, while also establishing training centers and manufacturing military aircraft like the C295. This partnership reflects India's commitment to expanding its aviation capabilities and the "Make-in-India" initiative, which aims to foster domestic manufacturing and job creation. The collaboration is set to enhance India's strategic defense and aviation infrastructure, aligning with the nation's broader goals for economic development and self-sufficiency.

Bangladeshi Woman with Fake Indian Passport Arrested at Hyderabad Airport



25-Oct-24

A Bangladeshi woman, Sonali Ballav, was apprehended at Hyderabad's Rajiv Gandhi International Airport for possessing fraudulent Indian identity documents, including a passport. She entered India illegally in 2015 and later married an Indian citizen, which facilitated her acquisition of various key documents. Suspicions arose during routine immigration checks, leading to her identification as a Bangladeshi national. This incident highlights the vulnerabilities in border security and the potential for illegal immigration in India, underscoring the need for stringent identity verification processes to safeguard national integrity and security.

Canada Removes Goldy Brar from Wanted List, Says Envoy Verma



25-Oct-24

India's recalled envoy Sanjay Verma noted that Canada unexpectedly removed gangster Goldy Brar from its wanted list, despite India previously providing information on him and fellow gangster Lawrence Bishnoi. Verma emphasized the need for clarity in the investigation surrounding the murder of Khalistani terrorist Hardeep Singh Nijjar, pointing to concerns over extrajudicial actions. He highlighted the challenges posed by organized crime in Canada, illustrating a critical nexus between drug trafficking and gang violence. Verma's remarks underline India's proactive stance in addressing transnational crime and its commitment to fostering cooperation in combating such threats.

ISRO and Biotechnology Dept Join Forces for Space Health Innovations



25-Oct-24

ISRO and the Department of Biotechnology have signed a memorandum to collaborate on space biotechnology, aimed at enhancing astronaut health during long-duration missions like the Gaganyaan program. This partnership will investigate biotechnological applications in space, focusing on life support systems and biological experiments in microgravity. Key areas of research include understanding physiological effects on astronauts and developing bio-regenerative life support systems that recycle waste and produce food. This collaboration highlights India's commitment to advancing its space capabilities, ensuring the sustainability of human spaceflight missions while also positioning the nation as a leader in innovative space-related research and technology.

NISAR Radar Antenna Reflector on Its Way to India from NASA



25-Oct-24

A vital component for the NISAR mission, a collaborative initiative between NASA and the Indian Space Research Organisation (ISRO), has departed from NASA's Jet Propulsion Laboratory to India. This drum-shaped radar antenna reflector, measuring about 39 feet in diameter, is engineered to transmit and receive microwave signals, enabling NISAR to scan Earth's

land and ice surfaces biweekly for scientific data collection. The careful preparation of the reflector, including the application of reflective tape to manage temperature changes, underscores the meticulous approach taken to ensure mission success. This partnership not only enhances India's capabilities in space observation but also strengthens international collaboration in advancing Earth science research.

L&T Secures Major Contract for ITER Nuclear Fusion Project



25-Oct-24

L&T has secured a significant contract valued at over 1,000 crore for the ITER global nuclear fusion project, underlining India's growing prowess in advanced technology sectors. The contract focuses on deploying advanced welding technologies critical for assembling components within the ITER reactor's vacuum vessel. Additionally, L&T has signed a Memorandum of Understanding with the ITER Organization to collaborate on developing essential hardware and assembly systems for plasma operation control. This development not only bolsters L&T's reputation in the international arena but also positions India as a key player in sustainable energy research, reflecting the country's commitment to innovation and clean energy solutions.

SCL Mohali Boosts Local Chip Design with New Fab Support



25-Oct-24

The Indian government's 2,000-crore funding plan for the Semi-Conductor Laboratory (SCL) in Mohali aims to enhance its 180 nm fabrication line, enabling start-ups to fabricate and test chip designs locally. This initiative addresses the high costs associated with global foundries, allowing start-ups to overcome manufacturing challenges through local failure analysis and testing. SCL plans to foster innovation by providing space for intellectual property development and exploring partnerships with start-ups. The government's support through design-linked incentives further strengthens India's semiconductor ecosystem, positioning it as a vital player in the global tech landscape and promoting self-reliance in critical technology sectors.

Modi and Scholz Lead 7th India-Germany Talks on Tech and Green Growth



25-Oct-24

The 7th India-Germany Inter-Governmental Consultations (IGC) co-chaired by PM Modi and Chancellor Scholz will focus on technology, green growth, and enhanced defense cooperation. This biennial meeting aims to strengthen partnerships in sustainability and innovation, celebrating 50 years of science and technology cooperation. Notable advancements include the Green and Sustainable Development Partnership and increased bilateral defense engagements, such as joint military exercises. Germany's new strategies focused on India emphasize workforce mobility and strategic collaboration, reinforcing India's status as a key partner in the EU and highlighting mutual interests in democratic values and multilateralism, which are crucial for addressing global challenges.

NIA Offers ₹10 Lakh Reward for Arrest of Anmol Bishnoi



25-Oct-24

The National Investigation Agency (NIA) has placed a Rs 10 lakh bounty on Anmol Bishnoi, brother of gangster Lawrence Bishnoi, as part of efforts to combat organized crime. Anmol is linked to serious criminal activities, including a shooting near Bollywood actor Salman Khan's residence, and has been implicated in ongoing investigations related to a political party. His arrest is expected to provide insights into broader criminal networks, following a significant NIA crackdown that seized illegal arms and cash across multiple states. This operation underscores the agency's commitment to dismantling organized crime and enhancing public safety in India.

Airbus opens India & South Asia HQ, boosting regional operations



25-Oct-24

Airbus has inaugurated its new India and South Asia headquarters at Delhi's Indira Gandhi International Airport, marking a significant step in its operations in the region. The facility will encompass all Airbus business units: Commercial Aircraft, Helicopters, and Defence & Space. Airbus plans to open a 5,000-seater campus in Bengaluru next year and currently

procures over 1 billion euros annually from Indian suppliers, creating more than 15,000 jobs. This move underscores India's growing importance as an attractive investment destination, enhancing its role in the global aviation supply chain while strengthening defense capabilities through local assembly lines for military transporters and helicopters.

Chanakya Defence Dialogue 2024 Highlights India's Strategic Vision



25-Oct-24

The Chanakya Defence Dialogue 2024, held in New Delhi, brought together international policymakers and experts to discuss India's strategic growth through comprehensive security, aligning with the vision of Viksit Bharat @2047. Key discussions included the significance of India's space sector for national security, the importance of social cohesion in ensuring stability, and the integration of advanced technologies in military operations. Notably, the dialogue emphasized the role of indigenous capabilities and strategic partnerships to bolster India's defense posture, reflecting a commitment to Atmanirbharta. Overall, the event underscored India's evolving role in global security and its dedication to fostering a holistic approach to national development and defense.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
APOLLO	93.57	101.6	92.5	98.47	2853844	5.24	45.87	99.96	110.58
AVANTEL	164.99	174.0	164.78	173.15	1527504	4.96	46.88	176.7	-
CFE	554.0	557.15	524.0	554.6	37600	4.51	32.43	601.85	582.67
SIKA	2549.35	2549.35	2403.8	2535.5	1121	1.91	44.79	2588.64	2291.51
BHARATFORG	1405.0	1432.9	1397.3	1429.65	475970	1.75	35.89	1477.73	1419.04
COCHINSHIP	1395.0	1438.5	1365.0	1422.9	427454	1.59	29.32	1611.68	1569.68
BEL	269.0	273.15	268.35	271.35	10700271	1.01	39.11	281.88	255.87
DATAPATNS	2247.0	2315.95	2240.25	2258.75	125773	0.97	35.22	2377.75	2645.48
MAZDOCK	4200.6	4320.0	4176.0	4214.7	1962012	0.52	47.48	4245.79	3354.74
DCXINDIA	301.0	301.0	291.05	297.6	162391	0.49	35.08	316.55	336.47
PTC	172.0	176.89	171.33	173.26	762776	0.46	27.32	192.67	208.97
NIBE	1628.0	1679.0	1595.0	1630.6	20401	0.1	34.62	1784.38	1597.83
ADANIENT	2841.05	2875.15	2807.9	2830.2	942066	-0.19	30.47	3059.0	3109.63
BEML	3880.0	3928.9	3843.0	3870.4	174839	-0.2	52.26	3762.15	3765.38
HIGHENE	596.5	614.0	576.0	593.8	38309	-0.35	30.38	659.68	707.71
LT	3444.0	3474.6	3416.75	3442.65	1924421	-0.37	36.73	3550.12	3577.97
ASTRAMICRO	741.0	756.3	732.1	735.55	155859	-0.74	28.21	820.29	764.27
HAL	4234.25	4284.45	4185.05	4197.15	956246	-0.86	37.0	4404.65	4150.36
TANEJAERO	443.9	443.9	430.0	431.45	15069	-1.16	27.6	480.01	487.31
ZENTEC	1774.0	1794.1	1747.0	1752.55	129353	-1.17	47.49	1789.03	1218.28
AZAD	1480.0	1494.0	1435.2	1448.65	103203	-1.31	42.68	1477.45	1389.75
GRSE	1599.95	1657.35	1578.0	1586.5	843328	-1.44	40.29	1690.78	1420.13
MIDHANI	340.4	343.7	333.05	335.1	273543	-1.56	24.96	373.62	429.55
IDEAFORGE	643.3	649.2	628.35	631.35	160008	-1.85	31.27	674.18	725.81
BDL	1065.25	1080.0	1042.05	1050.25	383274	-2.12	31.98	1140.16	1155.48
MTARTECH	1583.9	1599.9	1530.1	1534.9	140290	-2.17	27.73	1710.87	1867.37
MARINE	205.59	209.56	194.79	200.61	852133	-2.17	32.15	226.21	161.06
PARAS	1006.85	1009.95	972.1	975.65	62102	-2.29	33.77	1060.16	971.82
PREMEXPLN	456.3	467.2	438.0	448.45	137470	-2.73	26.0	506.86	485.26
HBLPOWER	560.4	571.9	535.55	540.75	847960	-3.2	27.94	599.54	541.22
LOKESHMACH	364.5	367.0	351.35	354.55	28233	-3.29	36.17	381.37	390.75
SOLARINDS	10840.0	11000.0	10370.7	10425.5	43924	-4.04	36.75	11247.62	9333.38
KRISHNADEF	672.95	679.0	642.3	644.65	15500	-4.65	37.96	693.31	579.06
ROSSELLIND	87.7	87.7	82.81	82.81	46592	-5.0	16.25	106.21	441.6