



# Defence Professionals News & Analysis

October 24,2025 | Day 297

### Top Gainers

Stock	Close	Prev	Change
SWANDEF	701.4	668.0	+5.0%
SUNITATOOL	845.0	805.3	+4.93%
IDEAFORGE	495.25	472.05	+4.91%
URAVIDEF	241.86	234.87	+2.98%
PARAS	725.45	705.75	+2.79%

### Top Losers

Stock	Close	Prev	Change
AXISCADES	1445.0	1478.0	-2.23%
NIBE	1265.0	1293.05	-2.17%
ADANIENT	2504.2	2545.8	-1.63%
MACPOWER	821.6	833.25	-1.4%
LMW	15492.0	15699.0	-1.32%

## Defense Business and Industry

### HTT-40's maiden flight marks a milestone for India's defense manufacturing.



24-Oct-25

India's indigenous Hindustan Turbo Trainer-40 (HTT-40) successfully completed its maiden flight at Hindustan Aeronautics Limited's Bengaluru facility, marking a pivotal milestone in the country's defense manufacturing under the Atmanirbhar Bharat initiative. The HTT-40 is designed as a fully aerobatic, tandem-seat turboprop trainer to prepare future Indian Air Force pilots, featuring modern avionics, ejection seats, and a digital cockpit. This development reflects India's advancing aerospace capabilities and HAL's commitment to enhancing national defense readiness, as the HTT-40 is set to replace older trainer aircraft within the IAF fleet. The aircraft's successful debut underscores the maturation of India's defense ecosystem and its stride towards self-reliance in military aviation.

### India Unveils NETRA MK-2: Advanced 500-km Airborne Surveillance Aircraft



24-Oct-25

India has formally approved the NETRA MK-2, an advanced airborne early warning and control system (AEW&C) based on the Airbus A321 platform, with a ₹20,000 crore budget to develop six mission-ready aircraft by the decade's end. This represents a key upgrade from the earlier Embraer-based NETRA MK-1, offering enhanced endurance, operational range beyond 500 km, and advanced indigenous AESA radar technology with nearly 360-degree coverage. The larger

A321 airframe provides greater internal space for sophisticated electronic, intelligence, and command systems critical for network-centric warfare. The aircraft will integrate Electronic Intelligence (ELINT), Signals Intelligence (SIGINT), and Electro-Optical/Infrared sensors, linked to the Indian Air Force's Integrated Air Command and Control System for real-time data sharing. Modification of the A321s will be conducted in France, with mission system integration in India. Scheduled delivery spans 2033–2034, marking a strategic step toward self-reliance and enhanced surveillance capability, strengthening India's deterrence in the region amid evolving security challenges. The project also involves key domestic aerospace players such as Adani Defence & Aerospace, underscoring the Make in India initiative.

### India, Armenia enhance defense industrial collaboration through joint working group discussions.



24-Oct-25

India and Armenia strengthened their defense partnership during a Joint Working Group Meeting on Defence Cooperation held in Hyderabad on October 23, 2025. Led by Joint Secretary Vishwesh Negi from India and Levon Ayyazyan from Armenia, the two sides exchanged views on bilateral defense cooperation, defense industrial collaboration, and broader security issues. The discussions highlighted expanding cooperation opportunities, including support for MSMEs and startups in defense manufacturing. The meeting also followed recent engagements such as India's participation in Armenia's National Day and high-level ministerial exchanges this year. A new comprehensive 2026 Defence Cooperation Program was signed, encompassing reciprocal visits, joint military education, training exercises, and technical

cooperation activities. This growing strategic partnership reflects India's role as Armenia's leading defense supplier, offering competitive military technology and reinforcing regional security ties. The cooperation underscores India's commitment to deepening defense ties with Armenia amid evolving geopolitical dynamics. The next round of consultations is planned to be held in Armenia, further cementing this bilateral security collaboration.

## India's Quantum Sensing Tech to Detect Submarines at 200m Depths. SHARE

24-Oct-25

India is making significant advances in defense technology with the development of indigenous quantum sensing capabilities poised to detect submarines at depths of 100-200 meters. Announced by DRDO Chief Dr. Samir V. Kamat on October 24, 2025, this technology employs ultra-sensitive atomic magnetometers integrated on UAVs and aircraft to detect subtle disturbances in the Earth's magnetic field caused by submarines. This breakthrough will augment India's anti-submarine warfare (ASW) capabilities by enabling passive detection methods that do not reveal the detector's location, providing a critical edge in the Indian Ocean Region where Chinese and Pakistani submarine activities have been increasing. DRDO expects to operationalize this system within 2-3 years, reinforcing India's strategic autonomy by minimizing reliance on foreign tech. The new quantum sensors align with the launch of DRDO's Quantum Technology Research Centre and complement ongoing initiatives such as the Indian Navy's underwater sensor network, which aims to enhance maritime domain awareness against growing submarine threats. This indigenous advancement positions India as a leader in next-generation maritime defense technologies, crucial for safeguarding vital sea routes and national security interests.

## Northern Command and Tata Motors Launch Advanced StrikeOne Logistics Platform SHARE

24-Oct-25

The Indian Army's Northern Command, in collaboration with Tata Motors, unveiled the StrikeOne logistics platform on October 22, significantly advancing India's Aatmanirbhar Bharat initiative. This cutting-edge, vehicle-based solution, derived from the Yodha 2.0 pickup truck, boasts a 2-ton payload capacity and is engineered for high-altitude operations, enhancing troop mobility and rapid response capabilities. With

design modifications for increased protection and versatility, the StrikeOne can adapt mid-mission for varying roles. The initiative not only ensures reliable, indigenized logistics support but also promotes economic benefits within the defense corridor in Jammu and Kashmir, underscoring the commitment to self-reliance in defense manufacturing. This development reflects India's strategic push towards modernization and enhancing operational capabilities in challenging terrains.

## US Army orders enhanced EW capability for GRAY EAGLE drone. SHARE

24-Oct-25

The US Army has recently awarded General Atomics Aeronautical Systems, Inc. (GA-ASI) a contract to enhance the MQ-1C GRAY EAGLE drone with a new open-architecture Electronic Warfare (EW) capability, adhering to the C5ISR Modular Open Suite of Standards (CMOSS). This upgrade aims to improve deep sensing capabilities in the Pacific while enhancing the drone's survivability and lethality. The integration of the SHARKCAGE Expeditionary C5ISR Chassis by AeroVironment Inc. will facilitate the addition of various CMOSS-compliant systems, streamlining upgrades and operational efficiency. This development underscores the US's commitment to maintaining technological superiority, particularly in the strategically critical INDOPACOM region, reflecting broader trends in modern warfare focusing on modular, adaptable systems.

## ST Engineering Marine expands shipbuilding to strengthen regional partnerships. SHARE

24-Oct-25

On October 23, 2025, ST Engineering Marine announced a significant expansion of its shipbuilding capacity at its Singapore facilities, enabling the construction of vessels up to 240 meters in length. This enhancement involves the integration of advanced automation and smart management systems, positioning the company for increased competitiveness in the regional naval shipbuilding market. The expansion coincides with the launch of the Republic of Singapore Navy's Victory-class Multi-Role Combat Vessel, underlining ST Engineering's capabilities in advanced weapon systems and unmanned technologies. By seeking partnerships across Asia, the Middle East, and Europe, ST Engineering aims to bolster its portfolio and support the evolving maritime defense needs, reinforcing

Singapore's strategic maritime objectives and its role as a vital player in regional defense industries.

## Estonia boosts defense with South Korea's Chunmoo rocket launchers.



24-Oct-25

Estonia has taken a significant step to enhance its defense capabilities by signing a defense cooperation agreement with South Korea to acquire the K239 Chunmoo multiple launch rocket system, which will complement its existing U.S.-supplied HIMARS units. This move reflects Estonia's strategic intent to bolster its deep-strike capabilities amid rising regional tensions and showcases its commitment to NATO's collective defense framework. The Chunmoo system, capable of firing guided and unguided munitions up to 290 km, reinforces Estonia's firepower on NATO's northeastern front. Additionally, the agreement includes provisions for industrial cooperation, benefiting Estonia's defense sector. This development signifies a strengthening of trilateral defense ties between Estonia, South Korea, and the U.S., crucial for regional security in Eastern Europe.

## US Army Sets New Standards for Self-Propelled Howitzer Competition



24-Oct-25

On October 20, 2025, the US Army defined stringent requirements for its self-propelled howitzer competition as part of its artillery modernization efforts. Key specifications include mandatory domestic production, armor protection equivalent to the M109A7, high rates of fire, extended operational ranges, and enhanced mobility. This initiative, which follows the cessation of internal development for the Extended Range Artillery Cannon (ERCA), signals a shift towards integrating both foreign and domestic systems into US military operations. The emphasis on domestic manufacturing underlines the importance of strategic autonomy amid increasing global supply chain uncertainties, a development that Indian defense stakeholders should monitor closely due to its implications for defense-industrial policies and international competition in artillery systems.

## South Korea launches advanced submarine to enhance deterrence against North Korea.



24-Oct-25

South Korea has launched its most advanced submarine, the 3,600-ton ROKS Jang Yeong-sil, as part of its Changbogo-III Batch-II class, enhancing its

underwater deterrence capabilities against North Korean threats. The submarine features advanced detection and strike technologies, including lithium-ion batteries for extended underwater endurance, improved stealth systems, and up to ten vertical missile launch tubes for submarine-launched ballistic missiles. Scheduled for delivery by 2027, this vessel is integral to South Korea's maritime "three-axis" deterrence strategy, coinciding with rising regional security challenges. This development not only underscores South Korea's ambitions as a defense exporter but also aligns with India's strategic focus on deterrence and multipolar security, highlighting the interconnected nature of regional defense dynamics.

## NioCorp and Lockheed Martin partner to enhance U.S. military materials.



24-Oct-25

NioCorp, a rare earth minerals company, has partnered with defense giant Lockheed Martin to enhance military equipment through advanced scandium and aluminum alloy technology, supported by a \$10 million funding from the U.S. Department of Defense for a Nebraska mining project. This collaboration aims to innovate military materials, reducing reliance on foreign resources while strengthening national security amid rising global geopolitical tensions. Scandium, crucial for fortifying lightweight metals, underscores the importance of material science in defense preparedness, highlighting how such initiatives are vital for maintaining a competitive edge in military capabilities. This strategic maneuver not only fortifies U.S. defense but also aligns with broader efforts to secure domestic resources for enhanced military readiness.

## Defence stocks soar as government approves ₹79,000 crore for Armed Forces.



24-Oct-25

Defence stocks experienced a notable rally after the Defence Acquisition Council (DAC) approved capital acquisition proposals worth ₹79,000 crore for the Armed Forces, chaired by Defence Minister Rajnath Singh. Key beneficiaries included Bharat Dynamics, BEML, and Cochin Shipyard, with shares rising over 2%. The procurement of vital systems such as the Nag Missile System Mk-II and mobile ELINT systems will significantly enhance the Indian Army's operational capabilities. Furthermore, domestic procurement has surged to 92% in FY25, reflecting a robust move towards self-reliance in defense manufacturing. This

strategic focus on indigenous production not only bolsters national security but also positions Indian defense manufacturers for long-term growth, highlighting the government's commitment to strengthening defense capabilities and the economy.

## **BMSIT and SISA launch CoE for cybersecurity and emerging technologies.**



24-Oct-25

BMS Institute of Technology and Management (BMSIT&M) has partnered with SISA, a Bengaluru-based cybersecurity firm, to establish a new Centre of Excellence (CoE) focused on emerging technologies in cybersecurity. This initiative aims to equip future engineers and cybersecurity professionals with crucial skills to address evolving threats, particularly those related to artificial intelligence and quantum technologies. The CoE is designed to bridge the gap between academia and industry, fostering innovation and collaboration in India's digital landscape. By empowering students to not only protect but also predict cybersecurity challenges, the initiative significantly contributes to India's Atmanirbhar Bharat vision, underscoring the importance of self-reliance in national security and technology advancement.

## **Turkey negotiates with Qatar, Oman for used Eurofighter jets acquisition.**



24-Oct-25

Turkiye is actively negotiating with Qatar and Oman to acquire used Eurofighter Typhoon jets, as announced by President Erdogan. This acquisition is intended to enhance the Turkish Air Force's capabilities in the interim period before the domestically developed KAAN fighter jet becomes operational. The discussions are reportedly progressing positively, underscoring Turkiye's commitment to modernizing its military assets. This strategic move reflects Turkiye's broader defense ambitions amid regional tensions and highlights the importance of enhancing air power in a rapidly evolving geopolitical landscape. Such developments may also influence the dynamics of defense cooperation in the Middle East and beyond, particularly as countries seek to bolster their military readiness.

## **Yali Aerospace Launches Indigenous VTOL Drone for Defense ISR Operations**



24-Oct-25

Yali Aerospace has developed a homegrown Vertical Take-Off and Landing (VTOL) drone prototype for defense Intelligence, Surveillance, and Reconnaissance

(ISR) missions. The drone features a 2.5-meter wingspan, a payload capacity of up to 7 kilograms, a maximum range of 150 kilometers, and a top speed of 155 km/h. It supports real-time video feeds, low detectability, and AI-driven autonomous operations for complex mission environments. The company also manufactures autonomous docking stations with capabilities like battery swaps, takeoff/landing platforms, and remote monitoring to facilitate efficient drone deployment and operation. Yali Aerospace was founded in 2022 by the husband-and-wife team Dinesh Baluraj and Anugraha Ganesan, who returned from the Netherlands to establish the company in Thanjavur. The startup has received investment from Zoho co-founder Sridhar Vembu, who supports its mission to use drone technology for healthcare delivery and surveillance, particularly in remote areas, signaling strong confidence in its technology and social impact potential.

## **AMCA's Iron Bird Test Facility to be ready by April 2028.**



24-Oct-25

The Aeronautical Development Agency (ADA) is making significant progress on India's Advanced Medium Combat Aircraft (AMCA) program, with plans for an Advanced Iron Bird Test Facility to be operational by April 2028. This facility will enable rigorous testing of the aircraft's systems before its first flight, targeted for late 2028 or early 2029. With a focus on indigenous development and partnerships, over 80% of the facility's components will be sourced locally, promoting the growth of India's aerospace sector. The timely establishment of this facility is crucial as the Indian Air Force faces squadron shortages amid rising border tensions, ensuring that the AMCA can enhance India's aerial capabilities while creating thousands of jobs in the defense industry.

## **Indian Army mandates drone makers to develop GPS-resistant navigation systems.**



24-Oct-25

The Indian Army has mandated domestic drone manufacturers to integrate GPS-resistant navigation systems following extensive trials after Operation Sindoor in May 2025, which exposed critical vulnerabilities in indigenous UAVs under electronic warfare conditions. During post-operation evaluations in June 2025, 46 local drone makers failed to demonstrate reliable performance in GPS-denied environments, prompting the Army to issue a directive



requiring all future drone systems to incorporate autonomous navigation technologies such as terrain contour matching, inertial navigation systems, and AI-driven waypoint tracking. This mandate, communicated through the Drone Federation of India, emphasizes indigenous development of secure communication via software-defined radios and robust anti-jamming capabilities. The move aligns with the Army's 2028 defense modernization goals and lessons drawn from real combat use during Operation Sindoor, where enemy GPS jamming disrupted drone operations. Non-compliant manufacturers will be disqualified from future procurement bids, underscoring a strategic shift toward self-reliance and operational resilience in contested electromagnetic environments.

### **Indian startup's unmanned cargo helicopter to enhance Army logistics efficiency.**



24-Oct-25

Tiruvallur-based startup Enlite Helicopters Pvt Ltd is preparing to conduct a flight demonstration of its unmanned cargo helicopter for the Indian Army, marking a significant advancement in India's defense aviation sector. The Enlite R3 unmanned helicopter can carry up to 70 kg of cargo at speeds of 200 km/h over a range of 500 km, with a flight endurance of three hours. Powered by high-octane fuel and featuring a single-rotor design, it offers superior lift efficiency, stability, and the ability to withstand crosswinds of up to 70 km/h. The compact aircraft measures 4.5 meters in length, stands six feet tall, weighs 200 kg, and has a rotor diameter of 3.4 meters. Its quick refueling time of 10 minutes ensures rapid turnaround for repeated operations, addressing limitations of battery-powered drones. With approximately 70% indigenous components, the R3 aims to enhance logistical efficiency for military supply chains, especially in remote and difficult terrains, supporting intercity cargo transport and defense operations. Certification will be under India's Drone Regulations, 2021.

### **Indonesia shows interest in BrahMos as India secures new defense pacts.**



24-Oct-25

India's position as a defense exporter has been significantly enhanced with the announcement from Defence Minister Rajnath Singh regarding new BrahMos missile contracts valued at approximately Rs 4,000 crore (\$455 million) with two undisclosed countries. The interest in the BrahMos system, which has gained notoriety following its successful use during "Operation

Sindoor," is reportedly attracting attention from multiple nations, with Indonesia emerging as a potential buyer. Speculations suggest a \$450 million deal involving technology transfer for local production is in discussions, driven by regional tensions due to China's activities. This development underscores India's commitment to the 'Atmanirbhar Bharat' initiative and highlights the strategic importance of enhancing regional defense capabilities through advanced indigenous systems, reinforcing India's role in the global defense market.

### **ICG launches two advanced Fast Patrol Vessels, enhancing maritime security and domestic shipbuilding.**



24-Oct-25

The Indian Coast Guard (ICG) launched two advanced Fast Patrol Vessels, ICG Ship Ajit and ICGS Aparajit, at Goa Shipyard Limited on October 24, 2025, marking the completion of the series of eight indigenous FPVs. These 52-meter vessels, equipped with Controllable Pitch Propellers, enhance India's maritime security capabilities, enabling multi-mission roles such as fisheries protection and anti-piracy operations. The event underscored the significance of domestic shipbuilding, with officials highlighting the contribution to employment and self-reliance in defense. This launch strengthens the ICG's operational readiness and reinforces Goa Shipyard Limited's role as a leader in next-generation defense vessels, crucial for safeguarding India's vast coastline and Exclusive Economic Zone.

## **Defense Policy and Budgeting**

### **Khajuraho to host India's largest airbase, enhancing defense capabilities.**



24-Oct-25

The Indian Ministry of Defence is set to establish India's largest airbase near Khajuraho Airport in Madhya Pradesh, spanning approximately 1,000 acres. The decision follows a comprehensive survey by the Defence Ministry and Indian Air Force teams, identifying Khajuraho as the most suitable site among four locations surveyed, including Prayagraj, Jhansi, and Gwalior. The location was selected due to its sparse population, strategic distance from the Pakistan border, favorable weather, plateau terrain, and excellent air and road connectivity. The base will serve as a major hub for fighter jets and military transport aircraft, enhancing the Indian Air Force's operational readiness and

strategic deployment capabilities in central India. This initiative, confirmed by Madhya Pradesh MP Vishnu Dutt Sharma in discussions with Defence Minister Rajnath Singh, is expected to boost regional defense infrastructure and create economic opportunities through ancillary industries. The project aligns with India's goal of strengthening its defense infrastructure while balancing military development with Khajuraho's cultural heritage. Land acquisition for the airbase could commence in early 2026, following requisite approvals and groundwork already initiated by the Defence Ministry.

## Rising drone incursions prompt EU to enhance defense against Russia.

 SHARE

24-Oct-25

Recent drone intrusions over European Union member states have raised alarm among officials and the public, with reports indicating that these incidents may be linked to Russia's military activities. Notably, on September 10, a swarm of Russian drones entered Polish airspace, prompting NATO aircraft to scramble for interceptions, marking the first direct confrontation between NATO and Russia since the onset of the Ukraine conflict in February 2022. This escalation in unauthorized airspace violations has pushed European defense ministers to discuss the implementation of a "drone wall" along their borders to enhance detection and interception capabilities. A series of incidents have occurred, including drone sightings that forced the shutdown of Germany's Munich Airport and major disruptions at Copenhagen Airport, where Danish authorities are investigating potential Russian involvement in what Prime Minister Mette Frederiksen described as a serious attack on critical infrastructure. Furthermore, recent reports have emerged of drones flying over various military bases and sensitive areas in Denmark and Germany, raising concerns about the systematic nature of these flights and prompting investigations into their origins. Lithuania's military reported a recent breach of its airspace by Russian planes, underscoring the heightened tensions and security challenges facing NATO and EU countries in the region. Given the rising frequency of these incidents, the situation reflects an urgent need for improved surveillance and rapid response mechanisms to counter potential threats, reinforcing the importance of collective defense measures and regional stability as Europe navigates the complex security landscape shaped by Russia's actions.

## India praises Gaza peace deal as vital for Middle East stability.

 SHARE

24-Oct-25

India has lauded the recently signed Gaza Peace Agreement, viewing it as a significant step toward stability in the Middle East. During a United Nations Security Council debate, India's Permanent Representative, Ambassador Parvathaneni Harish, reiterated India's advocacy for a two-state solution as the only viable path to peace between Israel and Palestine, cautioning against any unilateral actions that could jeopardize ongoing diplomatic efforts. Emphasizing India's commitment to humanitarian assistance, he noted that India has provided over USD

## Geopolitics and Security Alliances

### Former CIA officer: Pakistan cannot win a conventional war against India.

 SHARE

24-Oct-25

Former CIA officer John Kiriakou has asserted that Pakistan stands to lose any conventional military conflict with India, emphasizing that there are no benefits in provoking India. Reflecting on historical tensions, Kiriakou recounted the near-war situation during Operation Parakram in 2002, noting India's restraint following various terror attacks, a policy he described as "strategic patience". He highlighted the complexities of U.S.-Pakistan relations, revealing that the U.S. refrained from targeting Pakistan's nuclear architect, Abdul Qadeer Khan, due to Saudi Arabian diplomatic pressure, which he labeled a significant policy failure. Kiriakou suggested that the U.S. had detailed knowledge of Khan's activities but did not act against him due to the Saudis' insistence on his protection, raising concerns about the potential implications for regional nuclear stability. His comments underscored the intricate geopolitical dynamics at play, particularly the influence of Saudi Arabia in Pakistani affairs and its potential ambitions regarding nuclear capabilities. Kiriakou's insights reflect a broader understanding of the precarious balance of power in South Asia, where India's measured yet assertive defense policy contrasts with Pakistan's history of state-sponsored terrorism. As India continues to bolster its military capabilities, the need for robust counter-terrorism measures and a proactive strategy against potential aggressors remains paramount, reinforcing its stance against any threats to national security. This narrative not only highlights India's strategic response to Pakistani provocations but also underscores the importance of diplomatic engagement in ensuring regional stability amidst rising tensions.

170 million in support to Palestine, including essential supplies and ongoing projects. Harish commended the roles played by the United States, Egypt, Qatar, and Russia in facilitating the agreement, asserting that this diplomatic momentum is crucial for achieving a permanent ceasefire and reconstruction in Gaza. He also highlighted regional stability as interlinked, indicating that peace in Palestine is essential for the wider Middle East. Harish stressed the importance of dialogue and cooperation while reaffirming India's readiness to contribute to initiatives that promote human dignity and sustainable peace, reflecting India's longstanding position in international diplomacy in the region. This development underscores India's strategic approach to regional conflicts, showcasing its commitment to humanitarian aid and diplomatic engagement as tools for fostering stability.

### **India reassures energy security while reducing Russian oil imports, says White House.**



24-Oct-25

The White House has claimed that India is scaling back its oil purchases from Russia at the request of US President Donald Trump, amid escalating sanctions against Russian oil firms due to the ongoing Russia-Ukraine conflict. White House Press Secretary Karoline Leavitt emphasized the need for nations to limit their support for Moscow's war financing, stating that India has assured a reduction in its imports. However, India has reiterated that its energy policy prioritizes national interests, focusing on affordable and secure energy supplies for its consumers. The situation reflects the complex dynamics of India's energy security strategy, balancing international pressures with domestic needs, as it navigates its relations with both the United States and Russia amid geopolitical tensions.

### **Jaishankar criticizes UN for failing to address global security priorities.**



24-Oct-25

External Affairs Minister S. Jaishankar has expressed concerns over the United Nations' effectiveness, stating that its decisions often fail to reflect global priorities, particularly in the context of terrorism. He highlighted the shielding of a terror group by a UN Security Council member in relation to the April 22 Pahalgam attack, questioning the credibility of multilateralism. During the UN's 80th anniversary in New Delhi, Jaishankar reaffirmed India's commitment to peacekeeping and multilateral cooperation, emphasizing the need for reform within the UN. His remarks underscore the

challenges facing international institutions and the pressing need for an effective global strategy that prioritizes security and development for the Global South amidst ongoing conflicts.

### **Russia claims four village captures in eastern Ukraine amid ongoing conflict.**



24-Oct-25

Russia has claimed the capture of four villages in eastern Ukraine amidst ongoing intense fighting, marking a potential shift in the conflict as it enters its fourth winter. However, Ukrainian military analysts contest these assertions, insisting that the settlements remain under their control. The war continues to inflict significant casualties on both sides and results in widespread destruction across the region. This development highlights the persistent volatility in Ukraine and raises concerns about the humanitarian situation and geopolitical stability in Eastern Europe, with both sides entrenched in a protracted and costly conflict, suggesting a drawn-out confrontation that poses challenges for international diplomatic efforts.

### **Britain urges strong actions against Russia during Zelenskiy's London visit.**



24-Oct-25

Britain has called for robust measures against Russia to bolster Ukraine ahead of potential peace talks, coinciding with Ukrainian President Volodymyr Zelenskiy's visit to London. British Prime Minister Keir Starmer is advocating for a coalition to remove Russian oil and gas from global markets, utilize frozen Russian assets to support Ukraine, and provide Kyiv with additional long-range missiles. This initiative follows recent sanctions imposed by the U.S. on major Russian oil companies, highlighting a unified stance to increase pressure on Moscow. The discussions underscore the urgent need to maintain support for Ukraine amidst ongoing hostilities, reflecting a broader geopolitical strategy to weaken Russia's economic foundations while strengthening Western alliances.

### **Putin Calls U.S. Sanctions 'Unfriendly,' Postpones Summit Plans**



24-Oct-25

Russian President Vladimir Putin has denounced the recent sanctions imposed by the United States on major Russian oil companies Rosneft and Lukoil, characterizing them as an 'unfriendly move' that undermines diplomatic relations. Announced by President Trump, these measures aim to cripple

Russia's financial capabilities to sustain its military operations in Ukraine. In response, Putin postponed a planned summit with U.S. officials, arguing that further preparation was necessary, while reiterating Moscow's unwillingness to yield to external pressure. This escalation in tensions underscores the deteriorating trust between the two nations, raising concerns about the future of dialogue amid ongoing conflict in Ukraine. Ultimately, the situation reflects the complexities of international relations, where sanctions often lead to deeper divides rather than resolution.

## US Senate Panel Affirms India's Vital Role in Indo-Pacific Stability SHARE

24-Oct-25

The US Senate Foreign Relations Committee has reaffirmed India's critical role as a key partner for stability and growth in the Indo-Pacific region, underscoring shared democratic values and burgeoning economic and technological ties. Senator Jeanne Shaheen, during a meeting with Indian Ambassador Vinay Mohan Kwatra, emphasized the importance of both democracies in fostering global development and regional balance. President Trump echoed this sentiment at Diwali celebrations, praising Prime Minister Modi and highlighting ongoing efforts to enhance bilateral trade and maintain peace in South Asia. These developments reflect a growing acknowledgment of India's strategic significance in shaping the geopolitical landscape of the Indo-Pacific, particularly through initiatives like COMPACT and TRUST aimed at fortifying defense and technological collaboration.

## Three Indian firms sanctioned by EU over alleged Russia links. SHARE

24-Oct-25

On October 23, 2025, the European Union imposed sanctions on 45 entities, including three India-based firms—Aerotrast Aviation Private Limited, Ascend Aviation India Private Limited, and Shree Enterprises—accusing them of supporting Russia's military-industrial complex. The EU's 19th sanctions package aims to intensify economic pressure on Russia over its invasion of Ukraine, targeting entities that allegedly facilitate the circumvention of export restrictions on advanced military and dual-use technologies, such as UAVs, microelectronics, and CNC machine tools. The sanctions are part of broader efforts to restrict Russia's access to crucial technology, and include tighter export controls on items that could enhance Russia's defense capabilities. Out of the 45 sanctioned entities, 17 are

located outside Russia, with 12 in China—including Hong Kong, three in India, and two in Thailand. The move marks a significant step in the EU's strategy to tighten global supply chains and limit Russia's military advancements, though India has yet to respond publicly to these measures.

## IAF's Su-30 MKI showcases capabilities in Exercise Ocean Sky 2025. SHARE

24-Oct-25

The Indian Air Force (IAF) is actively participating in Exercise Ocean Sky 2025, a high-profile multinational air combat exercise hosted by the Spanish Air Force at Gando Air Base in the Canary Islands, from October 20 to 31, 2025. This significant exercise brings together fighter jets from NATO members and friendly nations, including the United States, Germany, Greece, Portugal, and notably India as a non-NATO participant. The IAF has deployed its Su-30 MKI fighter jets from No. 2 and No. 20 Squadrons, demonstrating superior aerial combat skills and endurance in challenging scenarios against advanced NATO aircraft such as the F-15E Strike Eagle and Eurofighter Typhoon. Exercise Ocean Sky aims to enhance mutual learning, interoperability, and tactical leadership among allies, while reinforcing India's commitment to modernizing its air force and strengthening defense ties with the United States and other partners. The exercise underscores India's strategic focus on maintaining air superiority amid evolving regional threats and solidifies its role as a key player in sustaining regional security and cooperative defense diplomacy. The event also follows India's recent induction of Airbus C-295 transport aircraft, marking steady progress in defense modernization and partnership.

## US considers new Gaza aid strategy to replace GHF operation. SHARE

24-Oct-25

The United States is contemplating a new humanitarian aid delivery plan for Gaza, aiming to replace the controversial Gaza Humanitarian Foundation (GHF). This proposal involves establishing 12-16 humanitarian hubs along the line where Israeli forces have withdrawn, designed to facilitate aid distribution while ensuring security through drone monitoring to prevent Hamas interference. The plan, still in the conceptual phase, has faced skepticism from international aid groups regarding its militarized approach. If implemented, it signals a shift in U.S. strategy amidst ongoing conflicts, highlighting the complexities of delivering aid in



politically sensitive environments and the challenges of ensuring neutrality in humanitarian operations.

## White House defends \$100,000 H1B visa fee amid fraud claims.



24-Oct-25

The White House has pledged to defend a controversial \$100,000 fee for H1B visas amidst claims of fraud and economic disruption. This policy aims to address what the administration describes as rampant exploitation within the visa program, which is vital for employing skilled foreign professionals, particularly in the tech sector. Critics, including the US Chamber of Commerce, argue that the fee violates the Immigration and Nationality Act and could economically cripple smaller firms, ultimately hindering innovation. Furthermore, Indian IT professionals, who significantly benefit from H1B visas, may face challenges as the increased costs could deter companies from utilizing this essential channel, impacting the broader India-US technology partnership and economic collaboration significantly.

## Amit Shah and J&K L-G honor ITBP's commitment on Raising Day.



24-Oct-25

Union Home Minister Amit Shah and Jammu and Kashmir Lieutenant Governor Manoj Sinha expressed their commendations to the Indo-Tibetan Border Police (ITBP) on its 64th Raising Day, acknowledging the force's exceptional commitment to safeguarding India's borders against formidable challenges. Established post the 1962 Sino-Indian War, the ITBP protects the Line of Actual Control and has a storied history in various conflicts, including the wars of 1965 and 1971. The leaders highlighted the ITBP's vital role in ensuring national security while paying tribute to the martyrs who have sacrificed their lives in service. This recognition underscores the ITBP's crucial position in India's defense architecture, particularly in an increasingly complex geopolitical landscape.

## India and US progress towards fair Bilateral Trade Agreement, aims for \$500 billion trade by 2030.



24-Oct-25

India and the United States are close to finalizing a long-awaited Bilateral Trade Agreement (BTA) aimed at significantly boosting trade between the two nations. After five rounds of negotiations since March 2025 and renewed talks following the imposition of 50% tariffs by the US on Indian goods, both countries are converging on most issues while finalizing the legal language of

the agreement. The ambitious deal targets increasing bilateral trade from the current \$191 billion to \$500 billion by 2030, reflecting strengthened economic ties. Commerce Minister Piyush Goyal led recent discussions, emphasizing fair and equitable terms without rushing the process. The US remains India's largest merchandise export market, with exports reaching \$86.5 billion in FY25. Though some non-tariff barriers remain points for resolution, both sides are hopeful to conclude the deal soon, potentially announcing it at the ASEAN Summit, where Indian Prime Minister Narendra Modi will participate virtually. The agreement serves as a strategic effort to reduce tariffs, enhance trade balance, and foster sustainable economic partnership by the 2025 deadline for the initial phase of the pact.

## Military Operations

### Indian Navy's Operation Sindoor Effectively Restricted Pakistan's Naval Activities.



24-Oct-25

In a recent address, Defence Minister Rajnath Singh underscored the Indian Navy's formidable capabilities demonstrated during Operation Sindoor, which effectively confined Pakistan's naval operations to its harbours. He emphasized that this operation serves as a crucial deterrent, assuring that Pakistan would reconsider any future misadventures against India. The Navy's strategic deployment in the Indian Ocean Region (IOR) reflects India's growing influence and commitment to maritime security, with over 67% of its capital acquisitions now sourced from domestic industries, highlighting a significant stride towards Aatmanirbhar Bharat (self-reliance). Singh reiterated the importance of vigilance and operational preparedness amidst evolving geopolitical dynamics, indicating that the operation remains active and reinforces India's readiness to respond decisively if provoked. The Defence Minister also celebrated the role of the armed forces in nation-building, advocating for continued development of border infrastructure to bolster defense capabilities. This narrative illustrates India's proactive stance in safeguarding national interests while simultaneously fostering regional stability and cooperation, reinforcing its role as a trusted partner in the global maritime economy.

## Rajnath Singh reviews Army readiness and security at Jaisalmer conference, visiting strategic forward areas. SHARE

24-Oct-25

Defence Minister Rajnath Singh reviewed the operational preparedness of the Indian Army during the Army Commanders Conference in Jaisalmer, held on October 24, 2025, where he emphasized the need for a future-ready approach to national security amid evolving geopolitical challenges. He highlighted Operation Sindoor as a landmark demonstration of India's new strategic doctrine, which prioritizes responding to terrorism with resolve and courage, reflecting the nation's military prowess and ethical discipline. The conference, attended by top military leaders, involved discussions on key topics such as Grey Zone Warfare, defence infrastructure, and self-reliance, with an emphasis on modernisation. Singh praised the Indian Army's role in fostering peace and development in Jammu and Kashmir following the abrogation of Article 370, and reiterated the government's commitment to provide the Armed Forces with advanced technology and infrastructure. He inaugurated several initiatives, including Edge Data Centres for improved operational capability, an Equipment Helpline, and the Sainik Yatri Mitra App, all designed to enhance soldier welfare and effectiveness. Singh's visit to forward areas, including Tanot and Laungewala, underscored the need for constant vigilance and adaptation in a multifaceted security environment. This strategic focus on modernization and comprehensive planning is pivotal for maintaining India's national integrity and responding effectively to future threats, reinforcing the Indian military's adaptability across diverse operational terrains. The overarching message emphasized the importance of human capability alongside technological advancements in contemporary warfare.

## US deploys B-1 bombers near Venezuela amid rising tensions. SHARE

24-Oct-25

The escalating tensions between the United States and Venezuela have intensified following recent U.S. military operations in the Caribbean aimed at targeting alleged drug trafficking activities linked to the Venezuelan government. U.S. President Donald Trump confirmed a significant military presence in the region, including B-1 bombers and naval vessels, as part of a campaign that has reportedly resulted in the deaths of at least 37 individuals since early September. Venezuelan President Nicolas Maduro responded with calls for

peace, denouncing U.S. actions as a potential precursor to war and accusing Washington of seeking regime change. He asserted that the U.S. military's claims lack substantiation and warned against what he termed "crazy war." Meanwhile, Trump's administration has indicated a willingness to conduct strikes beyond maritime operations, potentially extending to land targets associated with drug cartels. This situation underscores the broader geopolitical implications of U.S.-Venezuela relations, reflecting concerns over narcotics trafficking while raising questions about international law and the legality of military interventions in foreign waters. As the situation develops, it remains crucial to monitor the potential ramifications for regional stability and U.S. foreign policy in Latin America.

## Russia escalates air strikes in Ukraine with advanced glide bombs. SHARE

24-Oct-25

On October 23, 2025, Russia escalated its air operations in Ukraine by deploying advanced jet-powered glide bombs, notably the UMPK-PD and UMPB-5R, capable of striking targets up to 200 kilometers deep within Ukrainian territory. These munitions, which feature turbojet propulsion and high-explosive payloads of 250–315 kg, have resulted in significant damage to civilian infrastructure, particularly in regions like Kharkiv and Odesa. Ukrainian authorities are urgently calling for enhanced air defense systems to counter the growing threat, as these attacks represent a strategic shift in Russia's military capabilities aimed at undermining Ukraine's resilience. This development raises serious concerns about civilian safety and the ongoing conflict dynamics, necessitating a reassessment of defensive strategies in the region.

## Terrorism and Counterterrorism

### Pakistan shifts to tech-based low-profile terror strategy post Operation Sindoor. SHARE

24-Oct-25

Following the success of Operation Sindoor in May 2025, Pakistan has notably shifted to a tech-driven, low-profile terror strategy in Pakistan-occupied Kashmir (PoK), significantly reducing its operational terror camps from around 40-50 to just 8. This recalibration follows India's precision strikes on nine major terror launchpads, including those in Bahawalpur and

Muridke, which crippled the infrastructure of groups like Lashkar-e-Taiba and Jaish-e-Mohammad. Pakistan's Inter-Services Intelligence (ISI) now focuses on deploying smaller, technologically advanced camps equipped with anti-surveillance measures such as thermal and radar-masking technologies, as well as anti-drone systems, to evade detection and air strikes. The camps are dispersed to minimize the impact of future Indian retaliations and guarded by specialized military units. This shift underscores Pakistan's strategic caution after suffering significant losses, including the clearing out of nearly 400 terrorists from the PoK region. Despite attempts to rebuild, intelligence agencies alert Indian forces to remain vigilant as Pakistan adapts its terror operations into a more clandestine, high-tech approach, seeking to avoid direct confrontation while continuing proxy warfare. This evolution highlights the effectiveness of India's robust defense doctrine that holds Pakistan accountable as a state sponsor of terrorism.

### **Russian mercenaries exploit Malian military gear amid security turmoil.**



24-Oct-25

A recent study highlights that Russian mercenaries linked to the disbanded Wagner Group have likely exploited Malian military equipment, potentially violating the Arms Trade Treaty (ATT) by using arms intended for Mali's armed forces. Evidence suggests that the Wagner Group systematically appropriated various military materials, including armored vehicles and drones, amidst Mali's ongoing security challenges following military coups and the withdrawal of Western forces. The study raises significant concerns regarding Mali's military leadership's complicity and the broader implications for international arms control, particularly as the newly formed Russia-affiliated Africa Corps may continue similar practices. This situation underscores the complex dynamics of regional security, the impact of external actors, and the ongoing struggle for compliance with international norms in conflicts.

### **Two youths arrested for plotting ISIS-linked Diwali attack in Delhi.**



24-Oct-25

Two youths, Md Adnan Khan (19) and Adnan Khan (20), were arrested in Delhi for allegedly plotting a terror attack during Diwali, reportedly under the direction of an ISIS handler in Syria. The duo, described as "highly radicalised," had shifted from online propaganda to actionable plans, coordinating through social media to

recruit others. Their radicalisation deepened through extremist content following previous legal encounters. The swift police intervention likely averted a significant tragedy in a crowded area, underscoring the persistent threat of radicalisation among youth and the importance of vigilance in preventing potential attacks during major public gatherings. This incident highlights the need for continued monitoring of online extremist activities and community engagement to deter youth from radical paths.

### **Pakistan Bans Tehreek-i-Labbaik Pakistan Amid Violent Protests**



24-Oct-25

Pakistan's federal cabinet has banned the Tehreek-i-Labbaik Pakistan (TLP) under anti-terrorism laws due to its violent protests and threats to public safety. The decision, unanimously endorsed by the cabinet after recommendations from the Punjab government, is rooted in the group's history of inciting violence since its inception in 2016. Prime Minister's Political Affairs Adviser Rana Sanaullah emphasized that the ban is aimed at curbing the TLP's disruptive conduct rather than its religious beliefs. This marks the second time the TLP has faced a ban, reflecting Islamabad's ongoing struggle to balance religious sensitivities with national security imperatives. The government's actions underline the challenging environment in which Pakistan must navigate extremism while maintaining order and civil authority.

## **Cybersecurity and Information Warfare**

### **Government implements new telecom and cybersecurity regulations to combat rising cybercrime.**



24-Oct-25

The Indian government has recently enacted the Telecommunications (Telecom Cyber Security) Amendment Rules, 2025, which significantly expand regulations on digital services that utilize mobile numbers, including apps and platforms like WhatsApp, Zomato, and Paytm. Effective immediately, these rules empower authorities to suspend user accounts across multiple services if flagged for security concerns, addressing a notable rise in cybercrime that resulted in financial fraud losses escalating from ₹7,465 crore in 2023 to ₹22,845 crore in 2024. Central to the regulations is a newly established Mobile Number Verification (MNV) platform, which will allow entities like banks and financial institutions to verify customer

identities by cross-referencing mobile numbers with telecom providers' databases. While some stakeholders in the tech industry have raised concerns about the potential overreach and privacy implications of these rules, officials have clarified that they primarily target licensed telecom operators. The necessity of such measures is underscored by the alarming surge in cybercrime cases, with over 740,000 incidents reported in the first four months of 2024, predominantly linked to financial fraud. These regulatory changes highlight the Indian government's commitment to fortifying cybersecurity in the digital economy, aiming to create a safer environment for citizens and businesses alike.

## North Korean hackers target UAV sector to steal sensitive data.



24-Oct-25

ESET researchers have unveiled a new wave of cyberattacks by North Korea's Lazarus Group, specifically targeting European defense firms involved in unmanned aerial vehicle (UAV) development. The ongoing Operation DreamJob, active since March 2025, aims to steal proprietary UAV data linked to the conflict in Ukraine, with attackers utilizing social engineering tactics and advanced malware like ScoringMathTea. This campaign underscores the vulnerabilities within the defense sector, as North Korea seeks to enhance its domestic drone capabilities by gathering intelligence on Western UAV technology. The implications of these attacks highlight the urgent need for robust cybersecurity measures in defense industries, given the geopolitical tensions surrounding UAV utilization in warfare.

## Hackers exploit Microsoft Teams vulnerability to access chats and emails.



24-Oct-25

A recent security analysis revealed that hackers can exploit a vulnerability in Microsoft Teams, allowing them to extract encrypted authentication tokens stored in a Chromium-like Cookies database on Windows. This technique, detailed by researcher Brahim El Fikhi, enables unauthorized access to users' chats, emails, and files, posing significant risks for enterprises. Despite improvements in token storage from plaintext to encrypted formats, the reliance on Windows Data Protection API (DPAPI) creates new attack vectors, especially when local access is compromised. As Microsoft Teams continues to be a prime target for cyber threats, the findings underscore the need for enhanced monitoring and security measures to

mitigate risks associated with token misuse and lateral movement within corporate environments.

## Dark AI enhances cybercrime, prompting urgent cybersecurity advancements.



24-Oct-25

The rise of "dark AI," exemplified by tools like WormGPT, has sparked a concerning trend in cybercrime, enabling even low-skilled criminals to execute sophisticated attacks without the need for extensive technical expertise. These unrestricted AI models lack built-in safeguards, allowing users to generate malicious content easily, contributing to a significant increase in ransomware attacks and data breaches. In response, cybersecurity experts and tech companies are developing advanced AI tools to counteract these threats, emphasizing the necessity of real-time defensive measures. This ongoing cybersecurity arms race underscores the urgent need for legal frameworks to address the ethical and legal challenges posed by dark AI, as the balance between innovation and security becomes increasingly precarious.

## AWS Outage Highlights Cyber Risks of Interconnected Services



24-Oct-25

The recent AWS outage on October 19, 2025, underscored the fragility of interconnected digital infrastructures, revealing how third-party services can significantly impact first-party systems across various industries. This incident illustrated the cascading effects of a single vendor's failure, leading to widespread operational disruptions and highlighting the blurred lines of responsibility between first and third-party providers. As organizations increasingly rely on integrated platforms, the potential for cyber risks expands, necessitating a reassessment of risk management strategies. This event serves as a critical reminder for businesses to enhance their cyber resilience and rethink their reliance on third-party services to safeguard against future disruptions in an interconnected digital ecosystem.

## CERT-In alerts users to critical Google Chrome vulnerability; update now.



24-Oct-25

The Indian Computer Emergency Response Team (CERT-In) has issued a high-severity security advisory regarding a critical vulnerability in Google Chrome, tracked as CVE-2025-12036, which could allow remote code execution on desktop systems across Windows,



macOS, and Linux platforms. Affected users are those running Chrome versions prior to 141.0.7390.122/123. The flaw, located in Chrome's V8 JavaScript engine, poses risks including malware deployment and data theft if users interact with malicious links or crafted websites. CERT-In strongly advises users to update their browsers immediately to mitigate potential threats, highlighting the importance of timely software updates in maintaining cybersecurity within India's digital landscape. This incident underlines the critical need for vigilance and proactive measures from both users and the tech industry to safeguard against emerging cyber threats.

## Starlink initiates security tests in India for telecom expansion using AI. SHARE

24-Oct-25

Elon Musk's Starlink has commenced security tests in India, marking a key step toward its anticipated commercial satellite internet launch in 2026. The initiative involves setting up nine gateway earth stations in major Indian cities such as Mumbai, Noida, Chandigarh, Hyderabad, and Kolkata, aimed at delivering high-speed connectivity even to remote and underserved rural areas. These security tests comply with India's stringent regulatory framework requiring foreign operators to adhere to strict data sovereignty and operational rules, including Indian-only station operation until security clearances are granted. The Department of Telecommunications has provisionally assigned 600 Gbps spectrum capacity for these trials, and Starlink has been allowed to import 100 user terminals for fixed satellite services. With India's digital market expected to reach \$50 billion by 2025, Starlink's use of AI-driven network optimization positions it strongly against competitors like OneWeb backed by Bharti Airtel. This expansion supports digital inclusion, with potential enhancements in sectors such as agriculture, healthcare, and rural education, aligning with India's broader ambitions of bridging the digital divide and fostering economic growth through advanced technology. The rollout also embodies India's emphasis on secure, ethical tech deployment under updated space and data protection policies.

## Mil Personnel & Veterans

### IAF Chief A.P. Singh advocates training reforms to address global threats. SHARE

24-Oct-25

Air Chief Marshal A.P. Singh, Chief of the Air Staff, emphasized the necessity for an overhaul of military training during the Training Command Commanders' Conference 2025, held on October 23 and 24 at the Indian Air Force Headquarters in Bengaluru. The conference convened commanders from various training establishments to discuss the transformation of IAF training systems, the modernization of infrastructure, and the alignment of instructional methods with contemporary operational needs. In his keynote address, Air Chief Marshal Singh praised the Training Command for its commitment to high standards and underscored the importance of adapting training methodologies to tackle evolving global security challenges and advancements in technology. To acknowledge excellence, awards were presented for operations, maintenance, and administration, with the Air Force Academy receiving the 'Pride of the Training Command' trophy. This initiative reflects the IAF's proactive approach in enhancing its preparedness and adaptability, which is crucial for maintaining operational effectiveness in a rapidly changing geopolitical landscape. The focus on modern, adaptive training signifies a strategic commitment to addressing emerging threats, reinforcing the Indian Air Force's role as a formidable force in regional security dynamics.

### Air Force Academy Dundigal awarded Pride of Training Command trophy for excellence. SHARE

24-Oct-25

The Air Force Academy in Dundigal was recognized with the prestigious Pride of the Training Command trophy during the Training Command Commanders Conference 2025, held in Bengaluru on October 23-24. This accolade, presented by Air Chief Marshal AP Singh, acknowledges excellence in operations, maintenance, and administration among various training establishments within the Indian Air Force. The conference focused on critical discussions regarding the transformation of training methodologies, modernization of infrastructure, and aligning instructional practices with the Indian Air Force's evolving operational requirements. This recognition underscores the Academy's vital role in enhancing the

training standards essential for maintaining India's air defense readiness amidst changing geopolitical dynamics.

## Miscellaneous

### ISRO's LVM-3 to launch CMS-03 satellite on November 2, 2023. SHARE

24-Oct-25

The Indian Space Research Organisation (ISRO) is scheduled to launch the CMS-03 satellite, also known as GSAT-7R, aboard the LVM-3 rocket on November 2, 2025, as confirmed by ISRO Chairman V. Narayanan during a press briefing for the Emerging Science, Technology and Innovation Conclave 2025. The 2,650 kg military communication satellite, funded by the Ministry of Defence, is designed to enhance the Indian Navy's network-centric operations with secure maritime communication, surveillance, and navigation capabilities for a mission life of seven years. This launch, designated LVM3-M5, marks one of two planned LVM-3 missions before year-end, with the second set to deploy the 6.5-tonne BlueBird-6 commercial satellite from a U.S. firm, which arrived in India on October 19. Concurrently, ISRO confirmed that the NASA-ISRO NISAR satellite, launched on July 30, is in its final calibration phase and expected to become fully operational within 10 to 15 days, with both payloads functioning optimally. Progress on the Gaganyaan human spaceflight mission stands at nearly 90%, with critical technologies including the human-rated launch vehicle and crew escape system in place, aiming for a 2027 crewed orbital flight. The Chandrayaan-4 lunar sample return mission, approved by the Union Cabinet in September 2024 with a ₹2,104.06 crore budget, is currently in the design phase and targets a 2027 launch to demonstrate lunar docking and return up to 3 kg of regolith.

### Surya Kiran aerobatic team showcases India's military prowess in Gujarat. SHARE

24-Oct-25

On October 24, 2025, Gujarat witnessed a spectacular display of India's military prowess as the Indian Air Force's Surya Kiran Aerobatic Team (SKAT) staged a breathtaking air show at Mehsana Airfield. Attended by prominent figures including Gujarat Energy Minister Rushikesh Patel and MP Hari Patel, the event featured nine Hawk Mk132 jets executing daring formations and manoeuvres, such as diamond formations and inverted

DNA displays, thrilling thousands of spectators. The show, organised as part of a national celebration of patriotism, highlighted India's increasing confidence and operational capabilities under Prime Minister Modi's leadership. Minister Patel lauded the event as a symbol of India's growing stature on the global stage, emphasizing the nation's focus on security, peace, and self-reliance. The participation of women pilots reflected ongoing efforts towards gender empowerment in the armed forces. With over 700 performances nationally and internationally, SKAT continues to exemplify excellence, discipline, and patriotism, reinforcing India's image as a rising aerospace power.

### Army safely defuses WWII bomb in Birbhum, ensuring public safety. SHARE

24-Oct-25

In a notable incident in Birbhum district, West Bengal, Army personnel successfully defused a live World War II-era bomb discovered near the Ajay River in Laudaha village. The bomb, which had remained undetected for over 80 years, was reported by local fishermen and posed a significant safety risk, leading to the area being cordoned off by authorities. Following inspections, the bomb was safely detonated, with tremors felt in surrounding villages. This event underscores the enduring legacy of the war in India and highlights the Indian Army's prompt response in ensuring public safety, reflecting the importance of maintaining vigilance against historical remnants that could pose modern-day threats.

### India's exports thrive amid global uncertainties, driven by innovation and diversification. SHARE

24-Oct-25

India's export sector demonstrated resilience amid global economic uncertainties, achieving a year-on-year growth of 5.19% to reach \$346.1 billion between April and August 2025. This performance, fueled by high-tech electronics and engineering goods, is a reflection of strategic reforms and initiatives like the Production-Linked Incentive (PLI) and Atmanirbhar Bharat, which are boosting India's competitiveness. Notably, smartphone exports surged by 55%, and India's pharmaceuticals sector rose by 7.3%. With an ambitious target of \$1 trillion in exports for FY 2025-26, the government's focus on diversification and innovation positions India as a growing global trade player, reinforcing its economic strength and

international standing in a rapidly changing global landscape.

## **BRO's Project Arunank marks 18 years of enhancing strategic connectivity in Arunachal Pradesh.**



24-Oct-25

Project Arunank of the Border Roads Organisation (BRO) celebrated its 18th Raising Day on October 24, 2025, in Naharlagun, Arunachal Pradesh, highlighting 17 years of impactful service in challenging terrains. This project has constructed over 696 km of vital roads and

1.18 km of major bridges, significantly enhancing connectivity to remote areas, including strategic locations along the Line of Actual Control. Noteworthy achievements include the blacktopping of the 278 km Hapoli-Sarli-Huri Road and the introduction of sustainable construction technologies. Upcoming initiatives aim to further bolster infrastructure for both civilian and defense needs, reinforcing India's strategic capabilities in a critical region. This commitment to infrastructure development is vital for national security and regional connectivity, reflecting the importance of enhanced logistical support for the Armed Forces.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
SWANDEF	701.4	701.4	701.4	701.4	5099	5.0	100.0	459.06	71.58
SUNITATool	805.0	845.55	785.0	845.0	35500	4.93	56.15	839.56	793.61
IDEAFORGE	475.0	503.0	473.4	495.25	1322880	4.91	52.53	488.39	478.25
URAVIDEF	245.0	245.99	232.0	241.86	14913	2.98	35.79	240.12	424.38
PARAS	720.0	767.5	712.05	725.45	4258923	2.79	57.36	706.43	647.27
MARINE	246.6	246.99	232.25	240.2	974026	2.23	68.97	218.89	196.97
BDL	1560.0	1569.0	1527.9	1544.0	2611624	1.93	52.09	1523.45	1502.96
COCHINSHIP	1810.0	1864.0	1800.1	1824.3	3072570	1.78	54.0	1814.11	1677.37
ROSSELLIND	63.48	63.95	62.29	63.27	14332	1.43	47.78	63.27	67.6
DRONACHRYA	62.75	63.0	61.11	62.07	86000	1.4	52.48	58.58	78.26
BEML	4438.0	4551.5	4420.0	4438.1	897121	0.93	57.83	4341.06	3736.02
LOKESHMACH	195.0	195.0	191.49	193.86	28586	0.92	51.37	190.52	200.03
CENTUM	2520.0	2547.3	2506.0	2527.4	8186	0.87	44.74	2589.5	2099.54
AZAD	1662.0	1680.0	1650.7	1663.8	92251	0.85	53.83	1644.62	1558.69
BEL	422.0	423.7	419.9	422.05	18720794	0.81	64.72	409.58	346.82
KRISHNADEF	824.8	824.8	800.0	810.2	13750	0.75	51.4	811.39	772.05
HBLPOWER	924.2	938.0	922.0	931.7	720216	0.74	62.61	884.1	619.33
ZENTEC	1392.9	1414.5	1378.9	1396.5	312928	0.73	43.27	1419.5	1621.56
SIKA	1206.0	1229.9	1200.1	1210.5	23840	0.69	48.86	1225.73	916.46
WALCHANNAG	171.9	173.0	169.2	171.47	147358	0.69	36.87	184.06	202.38
APOLLO	291.0	297.5	289.55	291.15	2923619	0.57	42.39	315.42	182.88
TECHERA	280.4	298.0	280.4	285.5	68800	0.56	66.6	264.64	185.01
GOODLUCK	1246.4	1270.0	1240.6	1252.7	113920	0.51	53.3	1260.24	952.32
PREMEXPLN	620.0	635.5	616.15	621.2	456680	0.45	53.51	620.53	488.13
PTC	166.5	167.5	165.55	166.25	1698214	0.44	43.13	165.9	168.21
ASTRAMICRO	1100.0	1110.0	1075.0	1082.2	366828	0.2	50.54	1079.94	909.15
RELINFRA	233.0	233.0	228.25	230.1	355004	0.18	40.38	236.11	285.35
MIDHANI	381.65	387.3	378.0	380.4	332845	0.12	46.28	383.95	356.58
HAL	4825.0	4867.4	4797.5	4814.2	627200	0.08	53.33	4812.13	4397.52
GRSE	2635.0	2681.0	2604.0	2611.6	1611348	0.05	49.74	2636.9	2216.43
DATAPATTNS	2811.8	2864.0	2785.2	2798.7	260983	0.03	54.29	2748.64	2394.87
SOLARINDS	14100.0	14124.0	13982.0	14017.0	45736	-0.04	47.64	13950.1	13084.9
CFF	651.0	664.4	647.0	648.0	35800	-0.15	57.54	632.28	579.1
MAZDOCK	2824.0	2854.9	2790.1	2805.5	1007538	-0.16	45.9	2837.16	2765.82
LT	3929.3	3939.9	3897.5	3904.9	1146636	-0.35	69.91	3775.13	3511.27
DCXINDIA	230.8	234.1	228.12	228.83	430497	-0.37	32.63	239.85	278.2
TANEJAERO	361.2	362.25	352.55	359.4	6663	-0.51	42.28	367.46	369.51
AVANTEL	180.35	183.46	178.59	179.47	2356523	-0.52	47.03	190.05	142.81
HIGHENE	645.5	652.85	640.1	640.1	6799	-0.82	57.06	609.08	600.9
DYNAMATECH	8047.0	8050.0	7925.5	7959.0	8899	-1.09	65.71	7458.05	6848.09
RTNINDIA	51.39	51.49	50.54	50.78	1144855	-1.23	38.61	51.68	51.84
MTARTECH	2293.0	2303.9	2230.0	2262.9	324436	-1.24	68.89	2034.4	1567.45
BHARATFORG	1300.1	1311.0	1277.0	1283.9	852230	-1.25	61.69	1229.5	1185.08
TEMBO	610.85	615.5	595.5	603.1	40822	-1.27	54.74	578.9	554.96
JYOTICNC	920.0	924.9	901.0	905.65	198100	-1.3	46.34	910.99	1045.78
LMW	15845.0	15845.0	15399.0	15492.0	3057	-1.32	59.4	14906.8	15652.99
MACPOWER	821.3	844.0	820.95	821.6	7152	-1.4	43.05	832.0	935.12
ADANIENT	2554.8	2554.8	2497.7	2504.2	473765	-1.63	48.16	2544.17	2410.59
NIBE	1297.8	1311.4	1241.0	1265.0	3380	-2.17	40.56	1361.34	1394.96
AXISCADES	1480.0	1515.4	1430.0	1445.0	68418	-2.23	37.26	1602.64	1111.61