

Top Gainers

Stock	Close	Prev	Change
MACPOWER	1071.5	939.65	+14.03%
SWANDEF	306.25	291.67	+5.0%
PARAS	811.5	774.9	+4.72%
TECHERA	220.5	211.0	+4.5%
DRONACHRYA	82.5	80.11	+2.98%

Top Losers

Stock	Close	Prev	Change
TEMBO	490.0	542.8	-9.73%
GOODLUCK	1077.3	1168.7	-7.82%
SUNITATOOL	770.0	790.0	-2.53%
KRISHNADEF	829.1	848.85	-2.33%
RELINFRA	376.05	383.95	-2.06%

Defense Business and Industry

BITS-Hyderabad startup delivers indigenous combat drones to Army



22-Jul-25

Apollyon Dynamics, a defense-tech startup founded in May 2025 by BITS Pilani Hyderabad students Jayant Khatri and Sourya Choudhury, has quickly made headlines by supplying indigenous combat drones to the Indian Army within just two months of launch. Following a successful live demonstration in Chandigarh, their high-speed kamikaze drones—capable of flying over 300 km/h with a 1kg payload—were rapidly deployed to key military bases in Jammu, Arunachal Pradesh, Panagarh, and Chandimandir. Built entirely in-house, the drones are praised for their modularity, durability, and adaptability to diverse terrains. Apollyon also offers training UAVs and provides hands-on instruction for Army personnel. Supported by institutional mentorship, the startup is now working on advanced VTOL and fixed-wing drone systems. Their rapid ascent reflects India’s growing push for self-reliance in defense technologies and a broader shift toward indigenous innovation to reduce dependence on foreign systems in critical military applications.

BAE Systems to Upgrade Italian G550 Jets for Electronic Warfare



22-Jul-25

Italy has finalized a \$300 million contract with L3Harris to acquire two Gulfstream G550-based EA-37B Compass Call aircraft, becoming the first country

outside the U.S. to purchase this advanced electronic attack platform. Announced on July 21, 2025, the deal includes support from BAE Systems, which will provide crucial hardware to transform the jets into sophisticated jamming platforms with the capability to disrupt adversary command, communications, radar, and navigation systems at long range. The U.S. Department of State had approved the Foreign Military Sale in October 2024, demonstrating strengthened military ties and increased interoperability between Italy, the U.S., and NATO allies. The upgraded aircraft will join Italy’s special mission fleet and integrate into broader modernization efforts enhancing national and coalition defense readiness.

Keel Laid for India’s First Next-Generation Offshore Patrol Vessel



22-Jul-25

The keel for the first of six Next Generation Offshore Patrol Vessels (NGOPVs) for the Indian Coast Guard was laid at Mazagon Dock Shipbuilders Ltd (MDL) in Mumbai on July 22, 2025, marking a significant milestone for India’s maritime security. The 117-meter vessel, scheduled for delivery in July 2027, features a range of 5,000 nautical miles, a top speed of 23 knots, and accommodations for 11 officers and 110 other personnel. These vessels are equipped with cutting-edge technologies, including AI-driven predictive maintenance, remote piloted drones, an integrated bridge system, and a sophisticated platform management suite. Constructed under a fully indigenous contract awarded on December 20, 2023, as part of India’s Aatmanirbhar Bharat mission, the NGOPVs strengthen coastal and offshore patrols, fisheries protection, anti-smuggling and anti-piracy operations, and search and rescue capabilities. The project is valued at Rs.1,614.89 crore and demonstrates

India's accelerated push toward defense self-reliance, supported by policy reforms and a sharp increase in domestic defense contracts and exports in recent years.

IAF Accelerates Mid-Air Refueller Procurement to Enhance Reach



22-Jul-25

The Indian Air Force (IAF) is advancing its procurement of vital mid-air refuellers to bolster operational capabilities, with bids for six additional tankers from European, Russian, and Israeli contractors expected to open soon. This move addresses the critical shortage of aerial tankers, as the IAF currently operates only six aging Ilyushin-78 tankers beset by maintenance issues. In tandem, a committee has recommended fast-tracking the induction of 97 Light Combat Aircraft (LCA) Mk-1As from Hindustan Aeronautics Limited (HAL) and construction of six airborne early warning and control (AEW&C) systems, which will significantly enhance the IAF's combat readiness. The Defence Acquisition Council (DAC) recently approved acquisition proposals worth ₹84,560 crore, aimed at upgrading defense capabilities and streamlining procurement processes to reduce timelines from 7-8 years to under 2 years. This comprehensive procurement strategy not only addresses current shortfalls in fighter squadrons but also positions India to enhance its strategic reach and operational flexibility, reflecting a proactive approach to modernize the defense forces in response to evolving security challenges.

IIT Ropar Develops Next-Gen Drones for Indian Armed Forces



22-Jul-25

In a significant advancement towards defense self-reliance under the Aatmanirbhar Bharat initiative, the Indian Institute of Technology-Ropar (IIT Ropar) is at the forefront of developing next-generation drone technologies for the Indian Armed Forces through its Centre of Drones and Autonomous Systems (CoDRAS). The research team is engaged in two pivotal projects: the first focuses on enhancing operational capabilities in high-risk combat zones with autonomous landing systems that allow drones to perform precision landings without GPS or remote control, while the second project aims to revolutionize battlefield awareness through real-time geo-location estimation using AI algorithms. The emphasis on data sovereignty ensures that sensitive operational data remains within national borders, addressing cybersecurity concerns. Additionally, a new initiative is in progress involving

swarm-based beamforming technology, which aims to improve long-range communication and radar applications in remote areas lacking infrastructure. This project, backed by the Indian Space Research Organisation (ISRO), seeks to deploy a swarm of drones equipped with software-defined radios to establish a phased array radar, enhancing signal quality and coordination among drones. The unique challenges include accurately estimating communication channel parameters and ensuring seamless synchronization amid dynamic flight conditions. This collaborative approach highlights the synergy between academia, industry, and defense, bolstering India's efforts to develop indigenous defense technologies and reducing dependence on foreign platforms, thereby enhancing national security in an increasingly complex geopolitical landscape.

RENK Opens New Facility in India to Strengthen Defense Manufacturing



22-Jul-25

RENK has established a new facility in India aimed at serving both domestic and international markets through innovative local-for-local and local-for-global strategies. This facility will manufacture gear units for cement mills, gearboxes for the power and energy sectors, and couplings for global distribution. RENK India's leadership views this facility as a testament to trust and partnership, emphasizing India's strategic significance in its global operations, particularly in the defense sector. The plant is designed to enhance localization levels, promoting compliance with India's Make in India initiative, which will enable faster customer response times and improved cost-efficiency. RENK has previously supported key Indian defense programs, such as the Arjun main battle tank and the indigenous aircraft carrier INS Vikrant, and this new facility is expected to bolster its contributions to future national initiatives like the Light Tank program and various naval projects, reinforcing India's position in the global defense supply chain. This development is not only a reflection of India's growing capabilities in defense manufacturing but also illustrates a successful collaboration between foreign entities and Indian defense aspirations, enhancing self-reliance in strategic sectors.

Lockheed Martin Enhances Maritime Surveillance with AI Technology



22-Jul-25

Lockheed Martin has unveiled a groundbreaking advancement in maritime surveillance with its AI-powered Synthetic Aperture Radar (SAR) technology, marking a significant leap in defense innovation this July. Recent successful flight tests off the US west coast showcased the technology's ability to autonomously detect, classify, and track maritime targets in real time, distinguishing combatant from civilian vessels through embedded machine learning operations and autonomous sensor control. This innovation, developed collaboratively by Lockheed Martin's AI Center, Skunk Works, and Rotary Mission Systems teams, leverages edge processing on compact hardware, eliminating the need for bulky ground stations or cloud infrastructure. The system's rapid-response capabilities are being positioned not only for US deployments but also as a solution for international partners, with particular focus on India, which is enhancing its naval modernization efforts amid growing regional threats. India is integrating advanced Lockheed Martin systems, including sensors and mission suites for its MH-60R helicopters, with more deliveries scheduled by late 2025. As global interest in autonomous maritime surveillance grows, Lockheed Martin continues to test and refine this technology for a wider range of defense applications.

Embraer Reports Record Q2 2025 Orders and Deliveries



22-Jul-25

Embraer achieved remarkable success in Q2 2025, reporting a record backlog of US\$29.7 billion and delivering 61 aircraft, reflecting a 30% increase year-over-year. The Defense & Security division notably doubled its backlog to US\$4.3 billion, propelled by the selection of the C-390 Millennium by several European nations and the delivery of A-29 Super Tucano aircraft. Additionally, the Executive Aviation sector saw a 62% year-over-year increase in backlog, underscoring Embraer's robust performance across multiple segments, thus solidifying its position in the global aerospace market while indicating positive trends for future defense collaborations, especially with NATO member nations.

Solar Defence Competes for ₹20,000 Crore MALE UAV Contract



22-Jul-25

Solar Defence and Aerospace Limited has announced its participation in India's accelerated ₹20,000 crore tender for 87 Medium Altitude Long Endurance (MALE) drones, a move expected to transform the nation's surveillance capabilities along high-tension borders and maritime zones. The tri-service project, led by the Indian Air Force, mandates over 60% indigenous content and demands rigorous operational standards, including more than 30-hour endurance at altitudes above 35,000 feet. This comes in the wake of Operation Sindoor and a scientific study identifying urgent ISR needs. Other key industry contenders could include Adani Defence, Tata Advanced Systems, Larsen & Toubro, Hindustan Aeronautics Limited, Raphe mPhibr, IdeaForge, and NewSpace Research, reflecting robust competition. Solar Defence, leveraging Ministry of Defence approval and its dedicated UAV testing facility, aims to field a UAV platform matching global benchmarks set by US MQ-9 Reaper and Israel's Heron TP. The high-level tender review is scheduled in the coming weeks. With India's focus on indigenisation and recent fast-tracked procurements, this initiative marks a pivotal step in building a sovereign drone ecosystem and reducing dependence on foreign suppliers.

Government set to finalize ₹67,000 crore deal with HAL for LCA Mk1As.



22-Jul-25

The Indian government is reportedly in the final stages of awarding a significant ₹67,000 crore deal to Hindustan Aeronautics Limited (HAL) for the supply of Light Combat Aircraft (LCA) Mk1As. This initiative underscores India's commitment to enhancing its indigenous defense capabilities and boosting the domestic defense industry. The move aligns with the broader strategy of self-reliance in defense manufacturing, aiming to reduce dependency on foreign suppliers and foster local expertise. By investing in HAL, India not only strengthens its air force capabilities but also supports job creation and technological advancements within the country, reinforcing national security and economic growth.

India's New Scorpene Submarines to Feature Indigenous Systems



22-Jul-25

India is poised to advance its naval strength with the upcoming signing of a contract for three additional Scorpene-class submarines, expected as early as June

2025. Built by Mazagon Dock Shipbuilders Limited in partnership with France's Naval Group, these new submarines—estimated to cost approximately ₹36,000 crore—will feature a Brazilian-style design with a longer hull and greater displacement to accommodate key indigenous systems. Central to the modernization are an advanced Indian-developed Air Independent Propulsion (AIP) system, aimed at boosting underwater endurance, and a state-of-the-art Indian-designed Combat Management System (CMS), replacing earlier foreign-origin technology and reinforcing operational sovereignty. The indigenous AIP, developed by DRDO, is set to debut with the first integration into INS Kalvari during its scheduled refit in September 2025 before being incorporated into the new vessels. This major step under the Aatmanirbhar Bharat initiative commits to at least 60% indigenization for the new submarines. The project comes at a critical time, as India looks to enhance its readiness amid rising competition in the Indian Ocean and growing submarine capabilities in neighboring countries.

CAMCOPTER S-100 Showcases Logistics Capabilities in Italy



22-Jul-25

The Schiebel CAMCOPTER S-100 unmanned air system marked a significant achievement in July 2025 by successfully demonstrating its cross-domain logistics capabilities at the European Defence Agency's inaugural Operational Experimentation campaign in Italy. Conducted over five weeks at the Italian Army's facilities near Rome, the S-100 autonomously carried out daily logistics missions, transporting payloads exceeding 50kg in adverse weather and contested environments. The campaign, uniting six top European defense firms, highlighted the S-100's operational reliability and role in advancing autonomous military logistics. Meanwhile, India's defense modernization efforts have led to the acquisition and deployment of the CAMCOPTER S-100 within the Indian Navy. Trials began in 2022, with the S-100 chosen for its vertical take-off ability, endurance, and robust surveillance features. Partnering with Hyderabad-based VEM Technologies, Schiebel initiated local production and operator training in Kochi, aiming to enhance India's maritime surveillance, reconnaissance, and search-and-rescue operations. The induction of the S-100 illustrates a technological leap for the Indian Navy, reinforcing indigenous collaboration and the Navy's commitment to leveraging advanced unmanned systems for maritime security.

Indian Navy and Coast Guard to Induct C295 Transport Aircraft



22-Jul-25

The Indian Navy and Coast Guard are set to induct the Made-in-India C295 transport aircraft, enhancing their operational capabilities across the Indian Ocean Region. These aircraft will bridge the gap between long-range and short-range maritime surveillance, equipped with advanced indigenous systems for multi-mission roles. The C295's unique ability to operate from short airstrips makes it ideal for diverse operations, supporting India's defense self-reliance goals under the 'Atmanirbhar Bharat' initiative. This induction is crucial for modernizing India's airlift and surveillance capabilities amid evolving security challenges, promoting jointness among the armed forces and ensuring readiness for potential multi-front conflicts while phasing out older aircraft platforms.

Uralvagonzavod Seeks Collaboration with India for T-14 MBT Adaptation



22-Jul-25

In a notable development for India's armored warfare capabilities, Russia's Uralvagonzavod has shown interest in collaborating with India's Combat Vehicles Research and Development Establishment to customize the T-14 Armata main battle tank for India's Next Generation Main Battle Tank (NGMBT) program. This initiative aligns with India's focus on indigenous defense procurement, promoting local manufacturing and technology integration. Uralvagonzavod's commitment to incorporating Indian-made components and the possibility of using India's DATRAN-1500HP engine enhances the potential for a robust partnership. The T-14's advanced features position it as a compelling option to replace the aging T-72 fleet, contributing significantly to India's defense modernization efforts.

Defense Policy and Budgeting

Why Kaveri Engine Lacks Funds While AMCA Gets 61,000 Cr?



22-Jul-25

The Indian government has approved a significant allocation of approximately 61,000 crores for the development of a new engine for the Advanced Medium Combat Aircraft (AMCA), marking a strategic pivot towards international collaboration, primarily with France's Safran, which has been chosen over Rolls-

Royce due to its more favorable production timeline. This decision comes amidst criticism regarding the longstanding underfunding of the indigenous Kaveri engine program, which received less than 2,500 crores despite its potential. The AMCA engine aims to achieve 110-120 kN thrust and integrate advanced features like supercruise and thrust vectoring, essential for competing with global fifth-generation fighters. The focus on rapid engine development aligns with the Indian Air Force's urgency to modernize its fleet, especially as it faces declining squadron strength. While the Kaveri project faced technical challenges and funding issues, the new partnership with Safran is expected to incorporate key technologies and foster long-term self-reliance through significant technology transfer. This represents a dual approach, leveraging past learnings from Kaveri while ensuring timely and advanced capabilities for the AMCA, ultimately supporting India's defense strategy and self-sufficiency goals.

40,000 personnel participating and utilizing 150 aircraft and 30 naval vessels, the exercise was characterized by its focus on conventional warfare scenarios against a fictional adversary, the "People's Republic of Olvana," which parallels the growing military assertiveness of China. The drills emphasized interoperability through operations such as airborne assaults and amphibious landings, and featured advanced weaponry demonstrations, including the first live firing of the US Army's Typhon missile system from Australian soil. This showcases a robust deterrence strategy aimed at countering China's influence in the Indo-Pacific region. The exercise's design reflects a strategic pivot towards preparing for major conventional conflicts, signaling a collective commitment to regional security and stability amidst rising tensions with China. Overall, Talisman Sabre 2025 underscores the importance of multinational cooperation in strengthening defense postures against potential threats in the evolving geopolitical landscape of the Indo-Pacific.

Geopolitics and Security Alliances

Bangladesh's fighter jet crash highlights need for modernized defense.



22-Jul-25

On July 21, 2025, a tragic accident occurred in Dhaka when a Bangladesh Air Force F-7 fighter jet crashed into Milestone School and College, leaving at least 31 people dead, most of them children, and injuring more than 170 others. The aircraft, an aging Chinese-made model, suffered a mechanical failure during a training flight and plummeted into the school, causing widespread devastation and sparking large-scale protests demanding accountability and accelerated retirement of the outdated F-7 fleet. The government has initiated a formal investigation and pledged assistance to victims' families. This disaster highlights Bangladesh's urgent need to modernize its air force, as neighboring India moves forward with retiring its old MiG-21 jets in September 2025, replacing them with advanced Tejas Mk1A fighters amid regional security concerns.

Allies Conduct Major War Drills in Australia Targeting China



22-Jul-25

The recent Exercise Talisman Sabre 2025, held in Australia, marked a significant escalation in military cooperation among the USA, Australia, and allied nations, including India, for the first time. With over

Indian Navy Enhances Maritime Cooperation with Indonesia



22-Jul-25

The Indian Navy's INS Saryu and LCU-55 participated in the 44th edition of the India-Indonesia Coordinated Patrol (IND-INDO CORPAT) held from July 13-21, strengthening bilateral maritime ties. This initiative, part of India's MAHASAGAR vision, aims to enhance regional maritime security and interoperability between the two navies. CORPATs promote cooperation in combating illegal activities at sea, fostering safer sea lanes vital for trade. Indian Prime Minister Narendra Modi and Indonesian President Prabowo Subianto have emphasized the importance of deepening defense collaboration, highlighting the enduring relationship between India and Indonesia as strategic maritime partners in the Indian Ocean Region.

India Retains Water Advantage Amid China's Brahmaputra Dam Efforts



22-Jul-25

India remains strategically positioned regarding the Brahmaputra River, despite China's ambitious \$16.7 billion Medog Dam project. While concerns about potential downstream impacts on India and Bangladesh exist, experts highlight that over 80% of the river's water volume originates in India, aided by substantial rainfall and tributaries. China's run-of-the-river dam design limits its capacity to weaponize water flows, making manipulation difficult and diplomatically risky. Assam's Chief Minister suggests that regulated upstream flow

could alleviate flooding in India, reinforcing that India's water security is largely intact and underscoring the nation's resilience against any potential hydrological coercion by China.

Indian and Korean Coast Guards Meet to Enhance Maritime Cooperation SHARE

22-Jul-25

The 13th High-Level Meeting between the Indian Coast Guard (ICG) and the Korea Coast Guard (KCG) took place in New Delhi on July 21, 2025. The discussions focused on enhancing cooperation in Maritime Search and Rescue, Pollution Response, and Law Enforcement, while reaffirming their commitment to sharing best practices. Co-chaired by ICG's Director General S Paramesh and KCG's Commissioner General KIM Yong Jin, the meeting showcased efforts to strengthen maritime operational linkages. As part of the visit, the KCG delegation will also tour Mazagon Dock Shipbuilders Limited in Mumbai, emphasizing the importance of industrial collaboration and interoperability between the two nations' maritime forces.

Iranians Anxiety Grows Over Potential Renewed Conflict with Israel SHARE

22-Jul-25

The recent ceasefire between Iran and Israel has held for nearly a month, but many Iranians remain apprehensive about renewed conflict, fearing another war could lead to extensive casualties and destruction. Israeli strikes during the recent 12-day conflict targeted key military and nuclear sites, resulting in significant Iranian casualties and heightened regional tensions. Iranian authorities are calling for national unity while expressing openness to renewed nuclear diplomacy with the U.S., albeit with caution. The uncertainty surrounding the future of Iran's military capabilities and potential Israeli responses continues to loom large, leaving ordinary citizens anxious for lasting peace.

India Boosts Satellite Surveillance Post-Operation Sindoor Amid Threats SHARE

22-Jul-25

India is enhancing its satellite surveillance capabilities following Operation Sindoor, where it faced limitations in real-time imagery compared to Pakistan, reportedly supported by Chinese satellite resources. Engaging global commercial Earth-observation providers like Maxar Technologies, India aims to secure high-resolution imagery while bolstering its indigenous Space-Based Surveillance-III (SBS-III) program, which

will deploy 52 advanced satellites for improved monitoring. This strategic move addresses urgent surveillance needs, ensuring India maintains an edge in intelligence and tactical responses in future military confrontations. The modernization is critical to countering potential adversarial advantages and reinforces India's commitment to achieving self-reliance in defense capabilities.

India's Development of Bunker-Buster Missiles Raises Concerns in Pakistan SHARE

22-Jul-25

India's development of a high-speed conventional bunker-buster missile, potentially based on the Agni-V system, has raised alarms in Pakistan. Rabia Akhtar warns that this could blur the line between conventional and nuclear warfare, risking misinterpretation by Islamabad and escalating tensions. The missile's targeting of vital Pakistani nuclear infrastructure might provoke a response under pressure, potentially leading to catastrophic consequences. Akhtar suggests that India's actions could ignite an arms race, compelling Pakistan to enhance its nuclear capabilities and adjust its deterrence strategy. This underscores the need for both nations to engage in diplomatic efforts to maintain stability and prevent inadvertent escalation in the region.

Kremlin Open to Putin-Trump Talks at Beijing Military Parade SHARE

22-Jul-25

The Kremlin has expressed openness to a potential meeting between Presidents Putin and Trump during a military parade in Beijing on September 3, commemorating World War II's end. Although Trump's attendance remains unconfirmed, discussions may focus on ongoing tensions, particularly regarding Ukraine. Russian and Chinese officials are advocating for a peaceful resolution, with China positioning itself as a neutral mediator. High-level dialogue could be significant for future US-Russia relations; however, careful planning is necessary, reflecting the complexities of current geopolitical dynamics. This situation highlights the delicate balance China seeks to maintain amid international conflicts while fostering dialogue among major powers.

India's US Imports Surge as China's Export Dominance Declines SHARE

22-Jul-25

India's share in US imports has surged, particularly in electronics and textiles, as China's export dominance wanes due to high tariffs and trade tensions. Indian electronics exports to the US reached USD 12.41 billion, with significant growth in smartphones and solar cells, while textiles saw India increase its market share from 9% to 12%. The pharmaceutical sector remains robust, holding a 40% share of US generic drug imports. This shift underscores India's potential as a significant manufacturing hub, benefiting from diversified supply chains, although future growth will hinge on trade agreements and navigating the evolving tariff landscape.

Indian Ambassador and Kuwaiti PM Reinforce Strategic Partnership SHARE

22-Jul-25

The Indian Ambassador's recent meeting with the Kuwaiti Prime Minister highlighted a mutual commitment to strengthening the India-Kuwait strategic partnership, focusing on economic cooperation and the welfare of the Indian diaspora in Kuwait, which exceeds one million members. This partnership, rooted in historical ties, spans energy, technology, and infrastructure, further solidified by a Defense Cooperation Memorandum of Understanding signed during Prime Minister Modi's visit in December 2024. Kuwait's role as a significant supplier of crude oil and LPG to India underscores the importance of this relationship, which aims to enhance regional stability and prosperity while expanding into diverse sectors, thus reflecting a comprehensive bilateral engagement.

Trump Surprised by Israeli Airstrikes in Syria Amid Conflict SHARE

22-Jul-25

US President Donald Trump was reportedly "caught off guard" by recent Israeli airstrikes in Syria, aimed at pressuring the Syrian government amid ongoing conflict. White House spokeswoman Karoline Leavitt indicated Trump quickly reached out to Israeli Prime Minister Netanyahu to address the situation, highlighting their strong working relationship. The strikes included bombings in Damascus and a Catholic church in Gaza, with Netanyahu later expressing regret over the latter incident, attributing it to a "stray missile." This development follows a US-brokered ceasefire between Israel and Syria, emphasizing the complexities

of regional stability and US involvement in Middle Eastern geopolitics.

India, US Face Challenges Finalizing Trade Deal Before Tariff Deadline SHARE

22-Jul-25

The ongoing trade negotiations between India and the US face significant hurdles as both sides struggle to finalize a deal before an impending tariff deadline. Key sticking points include India's reluctance to open its dairy market and the US's demand for concessions in agriculture, amid looming tariffs of up to 26% on Indian exports. Despite rising exports, Indian negotiators are cautious, aiming for better terms in textiles and auto components while addressing transparency concerns in US trade deals. While optimism exists for an interim deal to mitigate tariff risks, fundamental disagreements over market access continue to hinder progress, leaving the future of India-US trade uncertain.

Iran's FM Asserts Commitment to Nuclear Enrichment Program SHARE

22-Jul-25

Iran's Foreign Minister Abbas Araghchi stated that Tehran will not abandon its nuclear enrichment program, viewing it as a source of national pride, despite severe damage from recent US strikes. He confirmed that while enrichment is currently halted due to damage, any future nuclear agreements must acknowledge Iran's right to enrichment. Araghchi expressed openness to talks with the US for de-escalation but emphasized the need for confidence-building measures. He also highlighted Iran's commitment to missile development for self-defense, reassuring that the health of Supreme Leader Ayatollah Khamenei is stable. This situation underscores ongoing regional tensions and Iran's determination to maintain its nuclear capabilities amidst external pressures.

Military Operations

Three US Apache Helicopters Arrive in India for Western Front Deployment SHARE

22-Jul-25

Three AH-64E Apache Attack Helicopters from the United States have arrived at Hindon Airport for the Indian Army, marking a significant milestone in enhancing India's military capabilities amid ongoing hostilities with Pakistan and China. This delivery of the advanced helicopters is part of an \$800 million

agreement signed in February 2020, under which India is set to receive a total of six Apaches. The helicopters, known for their combat efficiency and versatility, are equipped with sophisticated weaponry including Hellfire missiles and a 30 mm chain gun, allowing them to perform effectively in various combat scenarios. The Indian Army Aviation Corps is poised to deploy these helicopters at the Western front, with the establishment of the 451 Aviation Squadron in Jodhpur in March 2024 specifically for this purpose. The induction of the Apache helicopters will not only bolster the operational capabilities of the Indian Army but also strengthen the defense posture of India in a rapidly evolving security environment. The successful delivery and integration of these state-of-the-art platforms signify a critical step in India's military modernization and strategic readiness, leveraging lessons learned from the Indian Air Force's experiences with the Apache fleet.

British F-35 Jet Departs Kerala After Month-Long Emergency Landing and Repairs



22-Jul-25

After more than five weeks grounded in Kerala, the British Royal Navy's F-35B Lightning II stealth fighter jet departed Thiruvananthapuram International Airport today, heading to Darwin, Australia. The advanced jet, valued over \$100 million, landed at the airport on June 14, 2025, following a midair emergency caused by adverse weather and a hydraulic system failure during a sortie from aircraft carrier HMS Prince of Wales in the Arabian Sea. The emergency descent was coordinated swiftly by the Indian Air Force, which supplied crucial refuelling and ground support. The plane remained secured in a hangar with heightened security as a UK engineering team arrived on July 6 to undertake complex repairs, including replacing key hydraulic and auxiliary power components. Airport authorities reported daily parking charges were levied, highlighting the logistical demands of such a high-profile repair operation. The collaboration between Indian and British authorities throughout this episode underscores the strengthening defence partnership between the two nations in recent months and showcases India's capability as a regional support hub for multinational military operations, especially at a time of expanded Indo-UK defence cooperation.

Indian warships to conduct joint exercises with Vietnam, Malaysia, and Philippines.



22-Jul-25

A flotilla of four Indian naval warships will conduct exercises with Vietnam, Malaysia, and the Philippines, countries engaged in maritime disputes with China in the South China Sea. This deployment emphasizes India's commitment to strengthening defense ties, demonstrated by past cooperation such as the sale of BrahMos missiles to the Philippines and a logistics support pact with Vietnam. The Indian Navy aims to enhance institutional ties through technical exchanges and hydrographic cooperation with Malaysia. This initiative reflects India's strategic focus on securing its interests in the Indo-Pacific and reinforcing partnerships with regional allies against growing Chinese assertiveness.

Russia Intensifies Nightly Drone Attacks on Ukraine, Aiming for 1,000 Daily



22-Jul-25

Russia has ramped up nightly drone attacks across Ukraine, with more than 700 drones deployed in a single night earlier in July and projections suggesting assaults could soon exceed 1,000 drones daily. The Russian Defense Ministry, under President Vladimir Putin's recent directive, has established a separate military branch dedicated solely to unmanned aerial systems, accelerating domestic production and deploying upgraded Shahed-type drones that are harder to detect and intercept. Over the past three days, Ukrainian cities, including Kyiv and Kharkiv, have suffered casualties and significant infrastructure damage as Russian swarms target both civilian and critical sites. Ukraine's air defenses claim hundreds of shootdowns nightly, but the persistent volume threatens to overwhelm defenses, heightening calls for new adaptive countermeasures and emphasizing drones' growing role in modern warfare.

North Korea plans to build a new 5,000-ton destroyer for its navy.



22-Jul-25

North Korea has announced plans to build an additional 5,000-ton destroyer for its navy, following the launch of two similar vessels this year. Leader Kim Jong Un is focused on enhancing naval capabilities, with indications that foreign assistance, possibly from Russia, may be involved in these developments. Meanwhile, South Korea's newly elected president, Lee Jae-myung, has adopted a more conciliatory stance

towards Pyongyang, which includes halting propaganda broadcasts. This shift in approach may influence future military dynamics in the region, highlighting the need for India to remain vigilant and proactive in bolstering its own maritime forces and strategic partnerships amid evolving geopolitical tensions.

BSF establishes drone squadron for enhanced Indo-Pak border security.

 **SHARE**

22-Jul-25

The Border Security Force (BSF) is establishing its first "drone squadron" for deployment along the India-Pakistan border, following lessons learned from Operation Sindoor, which targeted terrorist bases in Pakistan. The squadron will consist of various reconnaissance and attack drones, operated by specially-trained personnel, to enhance surveillance and counter-attack capabilities against drone threats from Pakistan. In response to recent drone attacks, the BSF is hardening its defenses, including fortifying bunkers, while also collaborating with defense agencies to deploy counter-drone technology. This initiative signifies a strategic enhancement of India's border security in light of evolving threats.

Terrorism and Counterterrorism

Security Forces Seize 14 IEDs in Jharkhand's Anti-Naxal Operation

 **SHARE**

22-Jul-25

Recent operations by Indian security forces in Jharkhand and Chhattisgarh have showcased their proactive measures against Maoist insurgency, highlighting both successful encounters and defusal of improvised explosive devices (IEDs). In Jharkhand's Chaibasa, security personnel recovered 14 IEDs and other explosives, thwarting potential attacks on civilians and security forces, while a confrontation in Bokaro led to the neutralization of two Maoist cadres, including a sub-zonal commander. Meanwhile, in Sukma, a bomb disposal squad successfully defused a 10 kg IED planted by Naxals, showcasing the ongoing threat in the region. The operations underline the collaboration between security forces and local civilians, enhancing grassroots resistance against extremism. However, the violence persists, as evidenced by brutal attacks on villagers and the tragic injury of a child due to a pressure-activated IED. Overall, these developments reflect the increasing resolve of Indian authorities to dismantle Maoist influence and

ensure the safety of affected communities, notwithstanding the challenges posed by extremist elements, thus emphasizing the critical need for continued vigilance and community cooperation in these volatile regions.

Owaisi questions Maharashtra's action on Anti-Terrorism Squad post 2006 train blasts acquittal.

 **SHARE**

22-Jul-25

Following the Bombay High Court's recent acquittal of all 12 men convicted in the 2006 Mumbai train blasts case, there has been a sharp political and public response, with AIMIM leader Asaduddin Owaisi questioning whether the Maharashtra government will hold Anti-Terrorism Squad officials accountable for investigative lapses. Despite their release due to insufficient evidence in this specific case, authorities underline that many of the acquitted individuals have well-documented connections to various terror outfits, which initially led to their arrest and prosecution. Political and community leaders like Owaisi and representatives from Jamiat Ulama-i-Hind continue to allege communal targeting and are leveraging this outcome to criticize systemic issues within the investigative and judicial process. Meanwhile, the Maharashtra government's swift decision to appeal highlights ongoing concerns about investigative standards in terror cases, with experts warning that apparent failures could be used by disbelievers to question the credibility of future anti-terror operations and shield more accused with proven links. This case is now set to be reviewed by the Supreme Court on July 24 as debate intensifies over political narratives, communal sensitivities, and the urgent demand for reforms in investigative procedures.

Joint Army-Police operation targets terrorists in Kishtwar forests.

 **SHARE**

22-Jul-25

A joint operation by the Army and J&K Police in Jammu and Kashmir's Kishtwar district is ongoing to locate and neutralize a group of terrorists believed to be holed up in dense forests. After an initial engagement, further searches resumed with additional troops, helicopters, drones, and sniffer dogs deployed to track movements, as officials suspect the terrorists may be affiliated with Hizbul Mujahideen or Jaish-e-Mohammad. This operation underscores India's commitment to maintaining security and countering terrorism in the region, showcasing the robust strategies employed by

Indian forces to safeguard its territory and neutralize threats effectively.

Cybersecurity and Information Warfare

Urgent: Microsoft SharePoint vulnerability endangers 10,000 firms SHARE

22-Jul-25

Microsoft has issued an urgent alert regarding a critical "zero-day" vulnerability in its SharePoint software, actively exploited by hackers targeting businesses and U.S. government agencies, potentially affecting over 10,000 companies. The vulnerability, which allows unauthorized access and exploitation, prompted Microsoft to release security updates for SharePoint Server 2019 and Subscription Edition, while a patch for SharePoint Server 2016 is still under development. Cybersecurity experts warn that organizations running on-premises SharePoint servers should treat the situation as urgent and consider disconnecting unpatched servers from the internet. Security researchers identified the exploit as "ToolShell," enabling attackers to access SharePoint file systems and potentially bypass future security updates. The U.S. Cybersecurity and Infrastructure Security Agency (CISA) classifies this exploit as a significant threat, urging organizations to act quickly to mitigate risks. The situation underscores the imperative for organizations to prioritize cybersecurity measures and deploy recommended patches promptly to safeguard their data and infrastructure, highlighting the ongoing challenges faced in maintaining cybersecurity in an increasingly digital landscape.

India becomes second globally in phishing attacks SHARE

22-Jul-25

India has ascended to the second position globally in terms of phishing attacks, according to the recently released Zscaler ThreatLabz 2025 Phishing Report. The report highlights that India surpassed the UK and now accounts for over 80 million phishing attempts in 2024, representing about 33% of the phishing volume in the Asia Pacific and Japan region. The surge is attributed to the growing use of generative AI by cybercriminals, enabling them to craft highly targeted, convincing lures and deepfake content aimed at critical business functions like finance, HR, and IT. The technology sector in India reported the most attacks, followed by the services and manufacturing industries. While global phishing volumes have declined by 20% due to better

email authentication protocols, threat actors in India increasingly exploit social and community platforms such as Telegram, Facebook, and Steam to distribute malware and conduct social engineering scams. Government agencies have issued fresh advisories this week urging vigilance, particularly as sophisticated phishing strategies—such as impersonating tech support and leveraging AI-driven scams—continue to evolve rapidly.

Mil Personnel & Veterans

India Trains 30 Myanmar Officers in Peacekeeping Skills SHARE

22-Jul-25

India is enhancing its defense cooperation with Myanmar by conducting a 14-day UN Peacekeeping Training Course for 30 mid-level Myanmar security officers in Naypyidaw, which focuses on de-escalation, conflict management, and civilian protection. This initiative, led by India's Centre for UN Peacekeeping, highlights India's commitment to international peacekeeping, having deployed over 290,000 peacekeepers since 1950. The training aims to bolster Myanmar's capabilities in maintaining stability and managing complex peace operations, reflecting the deepening bilateral relations through enhanced training and capacity-building efforts. India's proactive approach underlines its role as a regional security partner in addressing mutual security concerns and fostering peace in the region.

Indian Army Launches Chinar Premier League to Foster Local Talent SHARE

22-Jul-25

The Indian Army has launched the eleventh edition of the Chinar Premier League in Kashmir, engaging 64 youth teams to promote local talent through sports. The tournament, held at the General Bipin Rawat Stadium, aims to foster youth participation and provide a platform for showcasing skills, while positively influencing them away from drugs. Local leaders and participants have hailed this initiative, likening it to a 'mini-IPL' for the region, which also enhances community engagement and unity across various districts. Such programs not only develop sporting talent but also contribute to peace and stability in the Valley by providing constructive outlets for youth.

IAF to Retire Iconic MiG-21 Fighter Jet on September 19



22-Jul-25

The Indian Air Force (IAF) will bid farewell to its legendary MiG-21 fighter jets on September 19 during a ceremonial decommissioning at the Chandigarh airbase, marking the end of an era that began with the aircraft's induction in 1963. Credited with playing key roles in multiple conflicts, including the 1965 and 1971 India-Pakistan wars, the 1999 Kargil war, and the 2019 Balakot strikes, the MiG-21 served as the backbone of India's air defense for more than six decades. Over the years, the IAF inducted over 850 MiG-21s of various variants, with some being domestically produced by Hindustan Aeronautics Limited. However, safety concerns grew due to frequent crashes, earning the jet the moniker "flying coffin." Only two squadrons remain, currently based at Nal Air Force Station in Rajasthan. Their retirement will reduce the IAF's fighter strength to 29 squadrons, its lowest in decades, well below the sanctioned strength of 42. The MiG-21s will be replaced by the indigenously developed LCA Tejas Mark-1A, whose delivery has been delayed, forcing the iconic jets to serve beyond their intended lifespan.

Indian Navy hosts 'Nation Building Through Shipbuilding' seminar in Delhi on July 23.



22-Jul-25

The Indian Navy's Warship Design Bureau will host a seminar on July 23, 2025, titled "Nation Building Through Shipbuilding" in New Delhi, celebrating the delivery of India's 100th indigenously designed warship, Udaygiri. This event underscores the strategic and economic significance of indigenous shipbuilding as a pillar of national defense and self-reliance. The seminar aims to foster discussions on policy reforms, technological advancements, and challenges in the shipbuilding sector, thereby reinforcing India's commitment to Aatmanirbharta and enhancing its maritime capabilities. By emphasizing collaboration among stakeholders, it aims to bolster India's position as a growing maritime power while promoting economic stability and job creation.

BRO Chief Reviews Arunachal's Strategic Frontier Highway Project



22-Jul-25

The Director General of the Border Roads Organisation (BRO), Lt Gen Raghu Srinivasan, visited Arunachal Pradesh to review the Frontier Highway Project, aimed at enhancing all-weather connectivity along the India-China border, and improving national security and troop mobility. The project is crucial for regional development and operational mobility for the armed forces, with ongoing efforts to establish critical road networks and bridges in remote areas. The BRO's collaboration with the Arunachal Pradesh government underscores its commitment to socio-economic advancement and border security, reflecting a strategic approach to bolster infrastructure in challenging terrains while uplifting local livelihoods.

Indian Embassy Actively Works to Secure Ranjit Singh's Release



22-Jul-25

The Indian Embassy in Niamey, Niger, is actively working to secure the release of Ranjit Singh, who was abducted following a violent incident that resulted in the deaths of two Indians. Union Minister Dr. Jitendra Singh highlights the government's commitment through continuous diplomatic engagement with local authorities and the Ministry of External Affairs. The situation underscores the risks faced by Indian nationals abroad and reflects the Indian government's proactive measures to ensure citizen safety. Additionally, political leaders from Jammu and Kashmir have expressed concern, urging swift action to ensure Ranjit Singh's safe return while seeking closure for the families of the deceased.

J-7 Fighter Jet: China's Modified MiG-21 with Safety Concerns



22-Jul-25

The J-7 fighter jet, a reverse-engineered variant of the Soviet MiG-21, showcases China's engineering evolution despite its safety reputation. Developed from the 1960s, it underwent numerous modifications, enhancing stability and introducing advanced features like improved radar and avionics. While the J-7 served as a backbone for the PLA Air Force and saw wide export to countries including Pakistan and Bangladesh, its mixed legacy is marred by incidents, such as a tragic crash in Dhaka in 2025, highlighting ongoing aviation safety challenges. Despite advancements, the J-7's safety concerns parallel those of its predecessor, the MiG-21, often dubbed the "Flying Coffin."

Army Jawan Arrested for 2020 Vapi Double Murder Case



22-Jul-25

An Army jawan, Pankaj Kumar Shah, has been arrested for his alleged involvement in a double murder case from January 2020 in Vapi, Gujarat. The crime was reportedly part of a contract killing orchestrated by the victim's son, Bipin Mahanto, who suspected his mother of infidelity. Shah, who had been on the run since the murders, was apprehended in Rajasthan after extensive investigations by local authorities. This incident raises concerns about the integrity of armed forces personnel and highlights the need for stringent oversight to prevent such criminal activities, ensuring that justice is served and maintaining public trust in the military's role in society.

Bangladesh Air Force Jet Crash Claims 20 Lives, 25+ Injured



22-Jul-25

A Bangladesh Air Force jet crashed into a school, resulting in at least 20 fatalities and over 25 critically injured individuals. The National Institute of Burn and Plastic Surgery has become the primary facility for treating victims, with hospital officials emphasizing the complexity of burn treatment and the need for careful monitoring. They assured the public of adequate medical resources and called for community support while discouraging unnecessary visits to the hospital to maintain operational efficiency. This tragic incident highlights the urgent need for enhanced safety protocols in military operations and reinforces the importance of community cooperation in crisis management and recovery efforts.

Indian Navy's THINQ 2025 Quiz Promotes Maritime Awareness



22-Jul-25

The Indian Navy has announced the return of its national quiz competition, THINQ 2025, aimed at

students from classes 9 to 12, promoting awareness of India's maritime history and strategic role in the Indo-Pacific. This year's theme, MAHASAGAR, reflects India's nautical journey and the Ministry of Defence's vision for 2025 as a year of reforms. The competition will unfold in a hybrid format across four stages, culminating in the Grand Finale at the Indian Naval Academy in Ezhimala, Kerala. This initiative not only engages young minds but also fosters intellectual development, reinforcing the Navy's commitment to cultivating future leaders in maritime domains.

China's Export Curbs Disrupt Apple's Electronics Manufacturing in India



22-Jul-25

China's recent restrictions on key rare-earth exports, including dysprosium vital for high-performance magnets, have begun disrupting Apple's electronics supply chain in India. At Foxconn's plants for iPhones and AirPods in southern India, more than 300 Chinese engineers and technicians were suddenly recalled, slowing workforce training and complicating ramp-up for the next-generation iPhone 17. While Taiwanese replacements and Indian staff help, assembly efficiency and transfer of technical know-how have been affected. This episode highlights India's dependence on Chinese materials, machinery, and specialized labor, underscoring the fragility of its "Make in India" and diversification ambitions. With Apple aiming to shift a large share of U.S.-bound iPhone production to India by 2026, the disruptions signal vulnerabilities in India's electronics ecosystem amid geopolitical pressure. To fully realize its manufacturing potential and reduce external risks, India must accelerate development of local capabilities, diversify sourcing, and build resilient, in-country supply chains.

Disclaimer: This newsletter provides an independent analysis of news articles and reports published across various media outlets over the past 24 hours. The views and opinions expressed herein are those of the individual authors and do not necessarily reflect the official stance of the publishers or any affiliated organizations. The publishers are not responsible for the accuracy, completeness, or reliability of the content analyzed and make no representations regarding the information contained herein. Readers are encouraged to consult original sources for verification and further context; access to the list of original sources analysed can be made available upon request via email.

Subscribe to DefenceProfessionals Whatsapp Channel



Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
MACPOWER	0.0	1071.5	1029.5	1071.5	7281	14.03	74.73	870.72	1184.4
SWANDEF	306.25	306.25	306.25	306.25	537	5.0	99.98	200.42	30.28
PARAS	800.0	820.0	790.7	811.5	906828	4.72	49.44	825.31	592.38
TECHERA	211.0	221.55	210.2	220.5	68000	4.5	58.95	205.53	-
DRONACHRYA	78.01	83.5	78.01	82.5	64000	2.98	43.8	85.87	96.79
DATAPATNS	2728.2	2814.9	2726.2	2808.1	231821	2.93	45.38	2889.96	2320.47
AVANTEL	145.39	150.18	145.39	147.74	1026238	2.01	42.07	156.32	143.39
APOLLO	181.9	184.99	180.62	183.81	2741042	1.81	49.58	186.77	129.73
GRSE	2609.0	2649.8	2581.4	2630.3	711531	1.71	39.47	2837.99	1914.18
CENTUM	2331.0	2369.9	2308.1	2329.1	12544	1.66	51.3	2336.22	1856.32
LOKESHMACH	214.98	218.6	212.17	214.99	27603	1.4	56.46	207.68	251.59
SIKA	1199.4	1230.3	1196.05	1211.95	23834	1.05	43.57	1322.6	696.5
ASTRAMICRO	983.4	997.1	974.1	988.5	243896	1.02	40.32	1025.83	830.13
AXISCADES	1368.9	1384.7	1335.0	1374.4	30429	0.84	54.47	1405.15	815.82
BEL	403.0	404.7	399.75	403.1	12447434	0.79	48.37	413.46	314.52
MARINE	198.67	205.75	192.15	197.41	256644	0.74	41.51	204.16	214.1
PREMEXPLN	516.05	524.0	512.1	516.2	134510	0.53	35.57	554.26	468.81
ROSSELLIND	68.99	69.8	68.05	68.6	16961	0.47	42.45	70.62	74.55
RTNINDIA	60.28	62.04	60.06	60.32	4298117	0.32	50.24	62.49	56.1
DYNAMATECH	7230.0	7288.0	7203.0	7232.0	3886	0.23	54.64	7199.22	7110.65
MTARTECH	1527.6	1549.4	1525.8	1533.0	42609	0.22	37.79	1565.66	1564.4
HAL	4775.0	4809.9	4748.1	4758.2	908904	0.15	42.11	4876.07	4306.79
SOLARINDS	14999.0	15101.0	14896.0	14938.0	69975	0.08	29.57	16195.05	11864.28
LMW	15750.0	15974.0	15634.0	15709.0	6632	-0.03	35.11	16430.95	16187.84
BDL	1726.9	1735.0	1705.0	1717.4	1627386	-0.06	35.94	1865.87	1369.8
PTC	191.9	193.85	190.22	190.67	907528	-0.12	64.88	183.62	167.15
CFE	650.0	650.0	637.15	645.0	93000	-0.16	52.03	647.07	582.68
ZENTEC	1914.0	1925.0	1874.9	1898.3	173291	-0.4	49.71	1906.41	1779.74
NIBE	1637.7	1653.25	1622.75	1628.3	6356	-0.5	46.47	1650.62	1520.01
IDEAForge	551.7	556.0	541.2	544.95	220053	-0.53	42.23	573.38	519.77
URAVIDEF	530.0	530.0	508.0	519.4	3611	-0.57	58.0	500.78	444.73
HBLPOWER	598.35	603.9	591.9	593.0	385542	-0.58	45.63	610.25	559.0
BEML	4393.0	4434.0	4310.7	4344.6	225318	-0.65	46.16	4492.82	3691.11
MIDHANI	421.35	424.9	416.2	418.15	361025	-0.76	47.99	425.91	343.79
WALCHANNAG	213.0	215.67	209.0	209.99	60031	-0.82	42.3	219.04	230.65
AZAD	1628.7	1628.7	1596.1	1600.9	97674	-0.93	46.16	1612.14	1568.0
MAZDOCK	2965.0	3020.0	2912.0	2921.8	1533590	-1.01	29.3	3172.15	2574.4
LT	3502.0	3507.6	3454.1	3464.6	2586522	-1.09	36.3	3567.6	3502.07
ADANIENT	2626.0	2630.0	2581.6	2587.8	387055	-1.21	52.54	2596.97	2498.47
BHARATFORG	1222.0	1222.2	1203.0	1204.7	652973	-1.32	37.04	1261.56	1243.61
JYOTICNC	1078.1	1081.7	1055.1	1057.4	219737	-1.66	46.55	1050.91	1130.28
DCXINDIA	282.85	282.85	275.45	276.45	663264	-1.71	43.85	279.21	301.05
COCHINSHIP	1882.0	1912.0	1835.0	1840.1	1125190	-1.93	33.63	1993.77	1602.91
TANEJAERO	472.0	472.0	463.95	463.95	3582	-2.0	56.47	467.89	384.64
HIGHENE	706.45	706.45	706.45	706.45	503	-2.0	39.52	772.19	603.72
RELINFRA	383.1	383.95	375.0	376.05	1159348	-2.06	48.59	389.19	290.57
KRISHNADEF	859.9	859.9	822.0	829.1	27500	-2.33	37.84	880.46	739.82
SUNITATool	770.0	781.0	766.0	770.0	2250	-2.53	44.53	807.88	742.28
GOODLUCK	1174.0	1184.0	1045.6	1077.3	584316	-7.82	46.72	1134.87	899.58
TEMBO	0.0	499.0	489.8	490.0	41512	-9.73	49.27	491.58	578.76