

# Defence Professionals News & Analysis

August 25,2025 | Day 237

Gainers

Stock	Close	Prev	Change	
TEMBO	614.2	566.45	+8.43%	
APOLLO	250.74	235.16	+6.63%	
SWANDEF	390.8	372.2	+5.0%	
AXISCADES	1276.4	1215.7	+4.99%	
ZENTEC	1539.6	1492.6	+3.15%	

#### **Top Losers**

Stock	Close	Prev	Change
TANEJAERO	413.4	448.9	-7.91%
LOKESHMACH	210.47	223.66	-5.9%
RELINFRA	275.65	290.15	-5.0%
SIKA	1162.0	1209.5	-3.93%
DRONACHRYA	73.8	76.32	-3.3%

### **Defense Business and Industry**

# Indian Navy to Commission Stealth Frigates Udaygiri and Himgiri S SHARE

25-Aug-25

The Indian Navy is poised to commission two advanced stealth frigates, INS Udaygiri (F35) and INS Himgiri (F34), on August 26, 2025, at the Eastern Naval Command in Visakhapatnam, marking a historic first for simultaneous commissioning of frontline surface combatants built at different shipyards. These Project 17A multi-mission frigates showcase significant advancements in design, stealth, and weapon systems, capable of full-spectrum maritime operations in Blue Water conditions. With approximately 75% indigenous content and developed by the Indian Navy's Warship Design Bureau, Udaygiri also represents the 100th design milestone by the bureau, underscoring India's growing self-reliance in defense manufacturing. The commissioning event will be presided over by Hon'ble Raksha Mantri Shri Rajnath Singh, highlighting the strategic importance of India's eastern seaboard and the synergy among premier defense shipyards, as both vessels are built by Mazagon Dock Shipbuilders Ltd. and Garden Reach Shipbuilders & Engineers. This achievement not only honors the legacy of their predecessors but also reinforces India's commitment to enhancing naval capabilities and safeguarding maritime interests in the Indian Ocean Region. The event symbolizes a significant step towards fulfilling the government's vision of Aatmanirbhar Bharat in defense, strengthening national security and naval readiness.

# India's high-power laser weapon hailed as major advancement by China Share

25-Aug-25

India's recent test of the Integrated Air Defence Weapon System (IADWS), featuring a high-power laser-based Directed Energy Weapon (DEW), has garnered recognition from a Chinese military expert as a significant advancement. The IADWS, which includes indigenous quick reaction surface-to-air missiles and very short-range air defence missiles, is designed to effectively counter low and mid-altitude threats. The praise from Chinese analysts highlights India's growing capabilities in advanced military technology, particularly in DEWs, an area where few countries are operational. As China continues to support Pakistan militarily, India's advancements in air defence systems underscore its commitment to strengthening its strategic posture in the region.

# Mazagon Dock shares rise 3% after P-75(I) submarine deal approval. Share

25-Aug-25

Mazagon Dock Shipbuilders Ltd. saw a 3% rise in shares following the Ministry of Defence's approval for cost negotiations with Thyssenkrupp Marine Ltd. regarding the P-75(I) submarine project, valued at approximately ₹70,000 crore. This includes a Memorandum of Understanding signed in June 2023, where Thyssenkrupp will handle engineering while Mazagon Dock focuses on construction and delivery. challenges past with cost management expects margin recovery in upcoming quarters. The inclusion of Mazagon Dock in the Nifty Junior index is also anticipated to boost investor confidence, even as recent analyst perspectives remain cautious about the stock's performance.

### India's Urgent Need for Indigenous Piston and Turboprop Engines S SHARE

25-Aug-25

ndia's TAPAS BH-201 MALE UAV is slated to begin flight trials "in the coming months" with a domestically developed 2.2L, 4-cylinder turbocharged CRDi engine built by VRDE with JAYEM Automotives, delivering 180 HP at 11,000 ft and designed to operate up to 32,000 ft with FADEC redundancy, a shift that raises indigenous content to nearly 80% and aims to resolve earlier propulsion-linked delays and JSQR gaps, including the target of 30,000 ft altitude and 24-hour endurance versus demonstrated 28,000 ft and 18 hours and more than 200 flights to date; ground testing on TAPAS prototypes is complete and engine flight testing is expected to be wrapped up by mid-2025 as part of Atmanirbhar Bharat-aligned efforts to secure supply chains and accelerate certification and induction alongside ADE's Archer-NG pathways program milestones in FY25

### India Orders 97 Tejas Mk1A with DRDO's **Uttam Radar, Boosting Self-**

Reliance SHARE

25-Aug-25

India is set to enhance its indigenous defense capabilities with a new order for 97 Tejas Mk1A fighter jets, featuring the advanced Uttam AESA radar developed by DRDO, reinforcing the Atmanirbhar Bharat initiative. The Tejas Mk1A, upgraded from the Light Combat Aircraft, boasts over 60% indigenous content, including advanced avionics and electronic warfare systems, and is equipped to handle modern munitions like the Astra Mk1 missile. Additionally, a follow-on order for GE F404 engines to power these jets is nearing finalization, ensuring a robust supply chain and timely production schedules. This acquisition will bring the total Tejas Mk1A fleet to 180, addressing the IAF's current squadron shortfall and aiding in the planned transition from aging MiG-21 aircraft. The proactive dual-vendor strategy for critical components like the Uttam radar aims to prevent production bottlenecks while fostering competition within India's defense industry. Overall, these developments reflect India's commitment to fortifying its military aviation capabilities and sustaining a self-reliant defense ecosystem, ensuring that the IAF remains equipped with advanced technology to meet contemporary challenges effectively.

### HAL to Outsource Fighter Jet Module Assembly to Speed Production Share

25-Aug-25

Hindustan Aeronautics Limited (HAL) is set to outsource the complete assembly of major fighter aircraft modules to private Indian companies, a strategic shift aimed at accelerating production timelines for the Tejas Mk1A and future models. This collaboration will significantly enhance the efficiency of aircraft delivery to the Indian Air Force (IAF) by allowing private firms to deliver pre-assembled modules, thus enabling HAL to focus on final integration and testing. Although this may reduce HAL's profit margins, the initiative is aligned with global aerospace practices and could increase production from 16 to 30 aircraft annually by 2027, addressing critical national defense needs.

### PTC Industries Wins ₹110 Crore Order from **BrahMos Aerospace for Titanium**

Castings SHARE

25-Aug-25

PTC Industries has secured a significant order worth 110 crores from BrahMos Aerospace for the production of titanium castings over 24 months, reinforcing its crucial role in India's defense manufacturing, particularly for the strategic BrahMos missile system. This collaboration enhances the indigenous supply chain, supporting the Atmanirbhar Bharat initiative and reducing import dependence. PTC's manufacturing capabilities, including a state-of-the-art facility in the Uttar Pradesh Defence Industrial Corridor, position it as a key player in supplying aerospace-grade materials. This deal not only bolsters India's selfreliance in defense manufacturing but also highlights PTC's expertise, aligning with the government's aim to enhance indigenous production and technological autonomy in strategic sectors.

### DRDO's Arudhra Radars to Enhance IAF Surveillance in J&K, Northeast Share

25-Aug-25

The Indian Air Force (IAF) is set to enhance its surveillance capabilities in Jammu and Kashmir and Northeast India with the installation of the mountainadapted Arudhra radar system developed by DRDO. This significant initiative, costing ₹440 crore, focuses on high-altitude operations to detect various aerial threats, including UAVs and fighter aircraft, with a detection range of 400 km. Bharat Electronics Ltd will modify the radars for rugged terrain, aligning with India's Atmanirbhar Bharat initiative for defense self-reliance.

This deployment not only strengthens India's defense infrastructure but also showcases indigenous advancements in radar technology, essential for safeguarding sensitive border regions.

# Tejas Mk1A vs Mk2: Key distinctions in India's fighter jets Share

25-Aug-25

The Tejas Mk1A and Mk2 represent significant advancements in India's indigenous fighter jet capabilities, with the Mk1A set to replace the aging MiG-21 by September 2025. The Mk1A is production-ready, while the Mk2, featuring enhanced size, engine power, range, and weapon capacity, is expected to take its first flight around 2026-27. The Mk1A is tailored for multi-role missions, whereas the Mk2 aims for deeper strike capabilities and advanced air superiority roles. This development underlines India's commitment to bolstering its air defense and maintaining a technological edge in an increasingly competitive regional landscape, enhancing overall military strength.

### L&T Chosen as Partner for DRDO's 1500 hp Transmission System Share

25-Aug-25

Larsen & Toubro (L&T) has been selected as the Development-Cum-Production Partner for the DRDO's 1500 hp automatic transmission system, crucial for India's next-generation armored vehicles. This selection signifies a significant advancement in India's indigenous defense capabilities, aiming to reduce reliance on foreign technologies. The collaboration will enhance the production process, ensuring high mobility and reliability in combat scenarios, while also potentially opening up export opportunities. This initiative aligns with India's broader strategy of self-reliance in defense manufacturing and showcases the effective partnership between public and private sectors to bolster national security and technological prowess.

# IAF and Navy Show Interest in India's Indigenous RTA-90 Turboprop Share

25-Aug-25

India's RTA-90 program, part of the Make in India initiative, is gaining traction with the Indian Air Force (IAF) poised to be its first customer, potentially revitalizing the domestic aerospace sector. The 90-seat turboprop aircraft, developed by Hindustan Aeronautics Limited and the National Aerospace Laboratories, aims to enhance regional connectivity and could serve dual purposes for military applications. The IAF's interest

reflects its need to modernize its transport fleet, while the Indian Navy may also consider the aircraft for maritime missions, emphasizing its potential for bolstering national defense capabilities amid regional challenges, particularly countering Chinese influence in the Indian Ocean Region.

# DRDO's AIP System to Enhance INS Khanderi by July 2026 S SHARE

25-Aug-25

The Indian Navy is poised to enhance its capabilities with the integration of the DRDO's indigenous Air Independent Propulsion (AIP) system on INS Khanderi by July 2026. This advanced fuel cell-based technology will significantly extend the submarine's submerged endurance from 23 days to 13-15 days, boosting stealth and operational flexibility in the Indian Ocean Region. Developed in collaboration with L&T and Thermax, the AIP system has undergone extensive testing and is a critical step toward India's maritime self-reliance, positioning the nation among a select group of countries with indigenous AIP technology. Successful integration will allow INS Khanderi to undertake covert missions, marking a landmark achievement for India's defense capabilities.

# Adani Defence to Indigenize Sonobuoy Systems for ASW Enhancement S SHARE

25-Aug-25

Adani Defence & Aerospace has signed a collaboration agreement with Sparton (part of Elbit Systems) to indigenize sonobuoy systems, enhancing India's antisubmarine warfare (ASW) capabilities and reducing reliance on imports. This partnership marks a significant step towards self-reliance in defense manufacturing, addressing the Indian Navy's need for advanced ASW technologies essential for maritime security, particularly in light of challenges posed by China's and Pakistan's naval fleets. The indigenization initiative aims to bolster operational readiness in the Indian Ocean Region, fostering strategic autonomy and ensuring the protection of national interests. The move positions Adani Defence as a leader in India's private defense sector, showcasing the potential of local manufacturing in high-tech defense systems.

# DRDO Completes Acceptance Test for India's First Photonic Radar S SHARE

25-Aug-25

DRDO has successfully completed the site acceptance test for India's first Photonic Radar, marking a significant advancement in defense technology. This innovative radar utilizes light-based system components for superior detection and imaging, offering enhanced stealth capabilities and immunity to jamming, crucial for military operations against electronic countermeasures. The successful test highlights DRDO's progress in self-reliant defense manufacturing and positions India among a select few nations with such advanced radar technologies. As additional trials are conducted, the Photonic Radar is expected to bolster India's air defense and surveillance capabilities, furthering the goals of Atmanirbhar Bharat and enhancing strategic deterrence.

### DRDO's Rudram-IV: A Transformative Hypersonic Weapon for IAF SHARE

25-Aug-25

India's Defence Research and Development Organisation (DRDO) is set to revolutionize the Indian Air Force's (IAF) capabilities with the development of the Rudram-IV, a hypersonic long-range stand-off weapon (LRSOW). This missile, surpassing its predecessor Rudram-III, boasts a range of 1,000-1,500 km and hypersonic speeds above Mach 5, allowing for deep strikes while evading advanced air defenses. Its lightweight design enhances compatibility with various IAF platforms, increasing operational flexibility. The Rudram-IV represents a significant leap in India's strategic deterrence, capable of targeting high-value assets with precision and speed, thereby strengthening national security and regional stability amidst evolving geopolitical dynamics.

### **Armory Shield Secures Indian Army Contract for 40 Anti-Drone**

Systems Systems



25-Aug-25

In a major advancement for India's indigenous defense capabilities, Armory Shield Private Limited has won a contract to supply 40 handheld anti-drone systems, the SURGE DSC GXC-1, to the Indian Army. Designed for real-time detection and neutralization of UAVs, this system enhances soldier-level countermeasures amid rising drone threats along the Line of Control and Indo-China border. With a jamming range of approximately 25 km, the system supports India's goal of 70% indigenization in defense procurement by 2027, complementing existing air defense networks. This initiative reflects the Army's proactive approach to modern asymmetric warfare challenges posed by adversaries' drone capabilities.

### ADA Releases Work Orders for AMCA Prototype Structural Assemblies Share

25-Aug-25

The Aeronautical Development Agency (ADA) has made significant strides in India's Advanced Medium Combat Aircraft (AMCA) program by issuing work orders for the first prototype's structural assemblies, marking an essential transition from design to production. This milestone, achieved on schedule, underscores India's commitment to advancing its indigenous aerospace capabilities, with the selected vendors being top-tier Indian defense manufacturers. The AMCA aims to deliver a stealthy, multirole fighter with advanced features, fostering domestic defense manufacturing and technological expertise. This development not only highlights India's focus on quality and precision in defense projects but also reinforces its strategic objective of self-reliance in military capabilities.

### Philippines Eyes India's NGOPVs After BrahMos Success S SHARE

25-Aug-25

The Philippines is considering India's advanced Next-Generation Offshore Patrol Vessels (NGOPVs) following its successful acquisition of BrahMos missiles, signifying a deepening defense partnership. The NGOPVs, designed for versatile maritime operations, will enhance the Philippine Coast Guard's capabilities, particularly in monitoring its Exclusive Economic Zone. The collaboration may include local manufacturing and maintenance, fostering technology transfer reducing reliance on foreign suppliers. This initiative aligns with India's 'Aatmanirbhar Bharat' policy, showcasing its growing shipbuilding expertise, while further solidifying strategic ties between New Delhi and Manila in promoting a secure Indo-Pacific region.

#### **Politics**

### SC maintains October 10 hearing date for J-K statehood pleas. S SHARE

25-Aug-25

The Supreme Court of India declined to expedite the hearing on pleas for restoring statehood to Jammu and Kashmir, maintaining the scheduled date of October 10. The court had previously ordered the Centre to respond to a plea on statehood restoration within eight weeks, while also emphasizing the importance of considering ground realities in the region. Notably, a unanimous verdict in December 2023 reaffirmed the abrogation of Article 370, asserting it was a temporary provision, but mandated that assembly elections be held by September 2024 and statehood be restored promptly. This ongoing legal discussion reflects the balance between constitutional provisions and regional stability in Jammu and Kashmir.

### **Geopolitics and Security Alliances**

### Modi and Rabuka Strengthen India-Fiji Defense and Trade Ties Share

25-Aug-25

India and Fiji have solidified their defense partnership following Prime Minister Narendra Modi's discussions with Fijian Prime Minister Sitiveni Rabuka, resulting in seven agreements aimed at enhancing cooperation in defense and security. This collaboration is crucial as India seeks to counter China's growing influence in the Pacific. Modi emphasized India's commitment to supporting Fiji in maritime security through training and equipment, while also addressing climate change challenges. This strategic engagement underscores India's role as a leader in the Global South, promoting a free, inclusive, and prosperous Indo-Pacific region and fostering mutual respect for the identities and aspirations of developing nations.

# Rajnath Singh: India's Future Security Lies in Space Share

25-Aug-25

India's Defense Minister Rajnath Singh emphasized the nation's commitment to space as essential for future security, economy, and energy, highlighting India's advancements from lunar missions Mars explorations. At a recent event, he celebrated IAF Group Captains involved in the Gaganyaan mission, underscoring India's status among leading space powers. Singh noted that India's space endeavors reflect national aspirations, delivering vital services through technology across the country communication satellites and disaster management. He asserted that future advancements such as space mining and deep space exploration will significantly impact human civilization, positioning India at the forefront of global space exploration.

# India Leverages US Tariffs for Strategic Geopolitical Gains Share

25-Aug-25

India has adeptly transformed the US's imposition of tariffs into a geopolitical advantage, showcasing strategic resilience under Prime Minister Modi's leadership. By diversifying partnerships with Russia and China while strengthening ties with Western nations like the UK and France, India is positioning itself as a pivotal player in a multipolar world. The revival of the Russia-India-China axis and the establishment of a Free Trade Agreement with the UK illustrate India's commitment to reducing dependence on any single power. This approach not only mitigates potential economic setbacks but also reinforces India's stature in global affairs, reflecting a mature strategy that balances diplomatic finesse with national interests.

### China's Military Parade Highlights Deterrence Amid Tensions S SHARE

25-Aug-25

China is set to showcase its largest military parade, emphasizing advanced weaponry and technology aimed at deterrence amid rising tensions in East Asia, particularly around Taiwan and the South China Sea. Analysts argue that while this display might intimidate smaller nations, it raises doubts about China's actual military effectiveness, especially given its untested armed forces since 1979. The parade will feature new systems, including hypersonic missiles and advanced radar, with a focus on integrated military capabilities. This military show could signal a warning to regional rivals, including India, where recent clashes have highlighted the need for vigilance in light of China's growing military assertiveness.

### Netanyahu: Israel may withdraw from Lebanon if Hezbollah disarms by

2025 🕲 SHARE

25-Aug-25

Israeli Prime Minister Benjamin Netanyahu stated that Israel could withdraw from southern Lebanon if the Lebanese government disarms Hezbollah by the end of 2025, following a recent U.S. push for disarmament. However, Hezbollah refuses to disarm without prior Israeli withdrawal from certain territories and has vowed to resist any forced disarmament, heightening fears of civil unrest in Lebanon. With significant damage inflicted during the recent conflict and international aid tied to Hezbollah's disarmament, the Lebanese government faces a delicate balancing act. This situation underscores the complexity of regional

politics and the ongoing tensions between Israel, Lebanon, and Hezbollah.

### Pakistani Analyst Claims Munir's Threat Targets Mumbai, Not Jamnagar 🔘 SHARE

25-Aug-25

Ayesha Siddiga, a Pakistani analyst, interprets remarks by Army Chief Field Marshal Asim Munir as a threat to Mumbai rather than the Jamnagar refinery, suggesting a strategy to destabilize India's financial center. Munir's mention of Mukesh Ambani underscores the economic significance of Mumbai, and Siddiga draws parallels to the 2008 Mumbai attacks. Indian security experts view Munir's comments as a potential threat to the Jamnagar facility, prompting heightened security measures. India's Ministry of External Affairs condemned these remarks as nuclear saber-rattling, asserting that India will not yield to threats and will protect its national interests vigorously.

### India warns Pakistan of potential Tawi River flood amid IWT halt. S SHARE

25-Aug-25

India has alerted Pakistan about a potential flood in the Tawi River amid the suspension of the Indus Waters Treaty (IWT) following a recent terror attack in Pahalgam. The Indian High Commission in Islamabad conveyed the warning, marking the first major communication between the two nations since May. In response to the alert, Pakistani authorities have issued warnings to their citizens. The IWT, which has been pivotal in governing water distribution between the two nations since 1960, remains in abeyance, reflecting the ongoing tensions. This proactive stance by India showcases its commitment to regional stability despite strained relations.

### India's Chief of Integrated Defence Staff to Attend 2025 Conference in Thailand 🕟 SHARE

25-Aug-25



Air Marshal Ashutosh Dixit, Chief of Integrated Defence Staff, will attend the Chiefs of Defence Conference in Thailand from August 26 to 28, 2025, co-hosted by the U.S. Indo-Pacific Command and Royal Thai Armed Forces. The conference aims to address regional security challenges, focusing on maritime security, counter-terrorism, and cyber resilience. This engagement underscores India's participatory commitment to enhancing military cooperation and building strategic partnerships within the Indo-Pacific. By fostering a stable and rules-based environment, India aims to strengthen regional security frameworks, demonstrating its proactive role in multilateral defense dialogues and collaborative security initiatives.

### **Indian Navy to Host Emerging Leaders** Discussion at IONS 2025 SHARE

25-Aug-25

The Indian Navy will host the 'Emerging Leaders Panel Discussion' under the Indian Ocean Naval Symposium (IONS) on August 27-28, 2025, at Southern Naval Command, Kochi. This event aims to enhance maritime security and regional cooperation, engaging young naval leaders from 18 IONS nations. Key discussion themes include the strategic importance of the Indian Ocean, emerging maritime technologies, and future collaboration within IONS. Conceived in 2008, IONS serves as a crucial platform for dialogue among member navies, underscoring India's leadership in promoting regional maritime security and cooperation, particularly following the recent IONS Working Group Meeting on Maritime Security.

### **India to Champion Global South Interests as** BRICS Chair SHARE

25-Aug-25

India's chairmanship of BRICS will prioritize the interests of the Global South, focusing on equitable growth and addressing global financial imbalances that hinder emerging economies, as stated by Ambassador Vinay Kumar. This initiative aligns with Prime Minister Modi's vision for a "people-centric" emphasizing sustainable development, public health, and technology innovation. Concurrently, India and Russia are enhancing bilateral ties, including simplifying payment processes for travelers to bolster cultural and commercial exchanges. The strategic partnership underscores India's commitment to multilateral diplomacy and a proactive stance in advocating for the Global South, ensuring their concerns gain prominence in global governance.

### Vance Justifies Tariffs on India to Pressure Russia Over Ukraine 🚫 SHARE

25-Aug-25

U.S. Vice President J.D. Vance defended the Trump administration's steep tariffs on Indian imports-25% baseline plus a 25% surcharge tied to purchases of Russian crude—arguing they are "aggressive economic leverage" designed to make it harder for Moscow to finance its war in Ukraine, not punish New Delhi. He said Washington is coupling economic pressure with diplomacy and would recalibrate sanctions if Russia

meaningfully shifts its posture, framing the move as part of a broader push toward a negotiated end to the conflict. The White House has also signaled a short window to gauge progress in talks, while stressing that India remains an important partner even amid disagreements over energy ties with Russia. The tariff hikes have begun to bite at home in India, where export-reliant sectors such as the diamond industry in Surat report layoffs and stalled orders as costs for U.S. buyers rise.

### **Military Operations**

# Local Support for Armed Forces During Operation Sindoor: Defence

Minister S SHARE

25-Aug-25

The recent remarks by Defence Minister Rajnath Singh highlight the significant role of Indian Armed Forces during Operation Sindoor, which was a direct response to terrorist activities following the Pahalgam attack. Emphasizing that the security of the nation is a collective responsibility, he praised the support from local communities, particularly the youth, in this operation. The precision strikes aimed at terror infrastructure in Pakistan and Pakistan-occupied Kashmir were framed as a demonstration of India's commitment neutralizing threats without discrimination based on religion, underscoring a principle of unity and strength. Furthermore, Singh advocated for the establishment of the Defence & Sports Academy in Jodhpur, promoting a synergy between education, sports, and defense to cultivate disciplined and determined individuals who can contribute to national security. He also noted the disparity in officer production compared to enlisted personnel, urging the local population to consider careers as officers to enhance national defense. This narrative resonates strongly with India's strategic emphasis on a comprehensive approach to security, which integrates societal participation, education, and military readiness, reflecting a robust stance against terrorism and a commitment to fostering patriotism among all citizens.

### RAN SAMWAD-2025: India's First Tri-Service Warfighting Seminar Share

25-Aug-25

RAN SAMWAD-2025, a pioneering tri-service seminar on warfighting, will take place at the Army War College in Madhya Pradesh on August 26-27, 2025. The event

aims to foster strategic dialogue among military professionals, featuring addresses from Defence Minister Rajnath Singh and CDS General Anil Chauhan, and will introduce Joint Doctrines and a Technology Perspective & Capability Roadmap. This unique platform will focus on sharing firsthand operational insights and addressing key themes like Information Warfare and Future Combat Technologies. By promoting interaction and cooperation among the services, RAN SAMWAD-2025 underscores India's commitment to strategic autonomy and enhancing its military discourse in the global security landscape.

# Indian Army's Sapta Shakti Command conducts flood relief in Rajasthan. S SHARE

25-Aug-25

The Indian Army's Sapta Shakti Command has launched extensive flood relief operations in Rajasthan due to severe rains causing rising floodwaters, particularly in Kota and Bundi districts. The Army's prompt response involved evacuating over 200 villagers from low-lying areas and providing essential supplies like food and medicine, working tirelessly despite challenging weather conditions. Their efforts not only ensured immediate safety for affected citizens but also bolstered local confidence and demonstrated the Army's critical role in supporting civil administration during natural disasters. This commitment reflects the ethos of the Indian Army in delivering hope and resilience in times of adversity.

### **Terrorism and Counterterrorism**

# Search operation launched after drone sightings near LoC in Poonch Share

25-Aug-25

Security forces in Jammu and Kashmir are currently engaged in operations following multiple drone sightings and an infiltration attempt by Pakistan. In the Poonch district, approximately half a dozen drones were observed hovering near the Line of Control (LoC), leading to a cordoned-off area and search operations for potential air-dropped weapons or narcotics. These drones, believed to be for surveillance, returned to Pakistan shortly after their sighting. Concurrently, in the Uri sector, suspicious movements prompted Indian troops to open fire, with ongoing search operations to thwart any infiltration attempts. The situation is compounded by Pakistan's historical use of drones for nefarious activities, including weapon and narcotics drops, thus posing significant challenges for Indian

security agencies. The Indian Army has recently demonstrated its vigilance by foiling an infiltration attempt earlier this month. This heightened security response underscores India's commitment to safeguarding its territorial integrity amidst escalating tensions in the region, particularly concerning Pakistan's ongoing attempts to undermine stability through aerial surveillance and infiltration tactics. Such proactive measures reflect India's robust defense strategy, aimed at countering asymmetric threats along the LoC while enhancing border security mechanisms.

### Army Foils Terrorist Infiltration Attempt in Uri Sector Share

25-Aug-25

Recent reports indicate that alert soldiers successfully thwarted infiltration attempts by terrorists along the Line of Control (LoC) in the Uri sector of Jammu and Kashmir. The incidents involved detection of suspicious movements, leading to exchanges of fire and subsequent search operations by the Army. On August 13, the Uri sector witnessed the tragic loss of two soldiers during operational duties, highlighting the ongoing risks faced by security forces in this volatile region. Additionally, a significant cache of arms and ammunition was recovered in the Kupwara district, further emphasizing the persistent threat posed by Pakistan-backed terrorist groups. The recovery included various firearms, grenades, and explosive materials, indicating a well-organized effort to infiltrate and destabilize the area. The recent infiltration attempts come after an agreement on May 10 aimed at reducing cross-border tensions, following a deadly terror attack in Pahalgam that claimed numerous civilian lives. These developments underscore the continual vigilance and proactive measures required by the Indian armed forces to secure the borders and protect national integrity against persistent threats from across the LoC.

### Cybersecurity and Information Warfare

# CISA warns of Interlock ransomware threats to India's critical infrastructure S SHARE

25-Aua-25

U.S. authorities have issued warnings about the growing threat of Interlock ransomware to India's critical infrastructure, particularly utilities, telecom, and healthcare. Attackers are exploiting unpatched SimpleHelp Remote Monitoring and Management tools to infiltrate third-party billing software providers,

exposing vulnerabilities in the supply chain. The ransomware employs tactics such as targeting virtual machines and using a double extortion model, making it especially dangerous. To counter these risks, Indian operators are advised to enforce strict patching, adopt multi-factor authentication, segment networks, and closely monitor unusual activity. Securing hypervisors, maintaining immutable backups, and conducting user awareness campaigns on social engineering are also emphasized, along with embedding strong security clauses in vendor contracts. With ransomware threats escalating, proactive measures and coordinated responses are seen as critical to protecting operational continuity, financial workflows, and customer trust across India's vital sectors.

## Surge in Cyberattacks on India's Critical Infrastructure S SHARE

25-Aug-25

India's critical infrastructure is experiencing a significant surge in cyberattacks, particularly targeting financial and government sectors, with threats primarily emanating from Pakistan and China. Notable operations, including Cosmic Leopard, exploit existing vulnerabilities, prompting the Reserve Bank of India to advocate for improved cybersecurity measures. The rising threat landscape emphasizes concerns over cloud vulnerabilities and supply chain risks, leading to discussions on offensive cyber operations, which necessitate careful consideration of legal and ethical implications for national defense. This situation underscores the urgency for India to fortify its cyber defenses and develop robust strategies to safeguard its critical infrastructure.

### AI-Enhanced Social Engineering Threatens India's Defense Sector Share

25-Aug-25

In 2025, social engineering attacks have become increasingly sophisticated, leveraging AI to enhance phishing and deepfake scams, particularly targeting defense sectors. The shortage of skilled cybersecurity professionals impacts 83% of Chief Information Security Officers (CISOs), weakening defenses against these threats. For India, such tactics from adversaries like Pakistan and China pose significant risks to military systems, underscoring the urgent need for enhanced training and AI-driven security measures. The evolving nature of these attacks highlights the critical importance of bolstering defenses in high-touch industries to protect sensitive information from malicious exploitation.

DefenceProfessionals.in Daily Update

# Russia Expands Cyber Operations to Target Critical Infrastructure Share

25-Aug-25

Russia is expanding its cyber influence globally through operations facilitated by companies from the post-Soviet era, targeting critical infrastructure in nations supporting Ukraine. This strategy aligns geopolitical alliances, notably with China and Iran, which could have implications for conflicts in South Asia, particularly involving India and its rivals. To counter these threats, defensive measures focusing on cloud-native solutions and AI are recommended, enhancing resilience through vulnerability assessments and predictive controls. The integration of these technologies forms a crucial triad for defense, addressing the increasing risks posed interconnected cyber environments.

# CERT-In alerts of critical Google Chrome RCE vulnerability; users must update immediately. Share

25-Aug-25

India's CERT-In has issued a high-severity advisory regarding a Google Chrome vulnerability that could enable remote code execution, urging users to update to the latest versions across all major operating systems. This flaw poses significant risks, particularly for defense personnel and critical infrastructure, as it can be exploited through phishing and other malicious campaigns. The advisory emphasizes the importance of timely patching and general browser hygiene, such as limiting risky extensions and enhancing monitoring for unusual activities. Strengthening cybersecurity measures in the defense sector is crucial to safeguarding sensitive information and maintaining national security in an increasingly digital landscape.

# CERT-In warns of critical Microsoft vulnerabilities for Indian firms S SHARE

25-Aug-25

India's national cyber agency, CERT-In, has issued a high-risk advisory regarding critical Microsoft vulnerabilities that could lead to significant operational disruptions for Indian enterprises, particularly within government and strategic sectors. The advisory warns of potential remote code execution and privilege escalation risks, urging organizations to promptly apply patches and enhance security measures such as multifactor authentication. This alert is timely, given the escalating regional tensions and the increasing targeting of unpatched systems by adversaries. Effective incident response and proactive vulnerability

management are crucial for safeguarding critical infrastructure, emphasizing the need for vigilance among SOC teams in key sectors like defense and finance.

# Chinese developer sentenced to 4 years for cyberattacks on ex-employer. S SHARE

25-Aug-25

David Lu, a Chinese software developer, has been sentenced to four years in prison in the US for executing cyberattacks on his former employer, Eaton Corporation, after his responsibilities were reduced. He introduced malicious code that caused server disruptions and blocked user access, resulting in over \$360,000 in damages. Lu's actions included creating a kill switch to lock out users post-termination and deleting colleagues' profile settings. Despite his conviction, Lu maintains his innocence and is exploring appeal options. This case highlights significant cybersecurity risks posed by insider threats, underscoring the need for robust defensive measures in organizations, especially in sectors reliant on sensitive technology.

# Sebi Intensifies Action Against Cyber Fraud, Seeks State Support Share

25-Aug-25

The Securities and Exchange Board of India (Sebi) is intensifying efforts against rising cyber frauds affecting investors. seekina collaboration from state governments to enhance awareness and training. Chairman Tuhin Kanta Pandey highlighted the alarming increase in scams on social media platforms, where fraudsters impersonate experts to mislead investors. Sebi is actively monitoring and addressing misleading content, while stock exchanges are directed to take stringent actions against unauthorized schemes. This proactive stance aims to safeguard investor interests and maintain market integrity amidst a growing challenge posed by cybercriminals.

# Social Engineering Threats Rise Amid Ignored Security Alerts SHARE

25-Aug-25

The 2025 Unit 42 Global Incident Response Report by Palo Alto Networks highlights that identity-driven social engineering attacks are increasingly circumventing advanced security measures, with 60% resulting in data exposure. The report indicates that 13% of incidents stemmed from ignored security alerts, revealing significant vulnerabilities in awareness and operational processes, particularly in rapidly digitizing regions like

India. Attackers exploit human factors and process gaps, with privileged accounts being prime targets. To combat this, the report advocates for the application of Zero Trust principles and enhanced training to cultivate a security-centric culture, emphasizing the need for holistic defenses beyond mere technological upgrades.

### Mil Personnel & Veterans

# CISF inducts first all-female commando team for high-stakes roles. SHARE

25-Aug-25

The Central Industrial Security Force (CISF) is set to induct its first all-female commando team to enhance gender representation and operational capabilities. Training for the initial batch of 30 women commenced at the Regional Training Centre in Madhya Pradesh, focusing on physical fitness, weapons training, and survival skills, with plans for at least 100 women to complete this advanced course. This initiative aligns with the Ministry of Home Affairs' goal of achieving 10% female representation in the force, currently at 8%. The CISF's commitment to including women in its core operations marks a significant step toward gender parity and modernizes its tactical response capabilities.

# CRPF's Former Chief Appointed as Ajit Dovals Deputy SHARE

25-Aug-25

India has appointed former CRPF and ITBP Director General Anish Dayal Singh as a new Deputy National Security Adviser to work under NSA Ajit Doval, focusing on internal security portfolios including Jammu & Kashmir. Left-Wing Extremism, and Northeast insurgency, officials said on August 24, 2025. Singh, a 1988-batch IPS officer from the Manipur cadre who retired in December 2024 after nearly three decades in the Intelligence Bureau and subsequent stints leading ITBP and CRPF, brings counter-insurgency and counterterrorism expertise to the National Security Council Secretariat. During his 2024 CRPF tenure, he oversaw over three dozen forward operating bases in Maoist zones, raised four new battalions, and drove a major battalion realignment, officials noted. He joins Additional NSA Rajinder Khanna and Deputy NSAs T.V. Ravichandran and Pawan Kapoor.

### Miscellaneous

### Lucknow Celebrates Astronaut Shubhanshu Shukla's Historic Return S SHARE

25-Aug-25

India's Group Captain Shubhanshu Shukla returned to Lucknow on August 24 to a grand civic welcome after completing the Axiom-4 mission, becoming the first Indian to visit the ISS and concluding an 18-day flight that launched on June 25 and splashed down on July 15, 2025, according to ISRO and media reports. Crowds lined a 6 km procession route, with ceremonies at City Montessori School and a state felicitation attended by Chief Minister Yogi Adityanath, who announced a scholarship in Shukla's name for students in space technology and highlighted Uttar Pradesh's expanding space-education programs. Shukla, an IAF test pilot and mission pilot on Ax-4 alongside Peggy Whitson, reported conducting India-led microgravity experiments and extensive outreach, calling the mission "very exhilarating".

# ISRO Successfully Completes Air Drop Test for Gaganyaan Mission Share

25-Aug-25

The Indian Space Research Organisation (ISRO) has successfully conducted the first Integrated Air Drop Test (IADT-01) for the Gaganyaan human spaceflight mission, marking a significant milestone in the project. This test, carried out at Satish Dhawan Space Centre with collaboration from the Indian Air Force and other defense agencies, involved dropping a simulated Crew Module from a Chinook helicopter to validate the parachute-based deceleration system. By employing a series of parachutes to reduce the module's terminal velocity to 8 m/s, the test demonstrated crucial safety measures for crewed missions. This achievement highlights India's advancing capabilities in aerospace technology and its commitment to pioneering human space exploration.

# Pune Airport to add 5 parking bays and a cargo terminal S SHARE

25-Aug-25

The Pune Airport expansion is set to advance significantly with the acquisition of 13 acres of land by the end of October, enabling the construction of five new aircraft parking bays and a dedicated cargo terminal at an estimated cost of ₹100 crore. Currently handling 200 flight movements per day with 10 parking

bays, the addition will boost capacity by 50-60 flights daily, easing congestion and additional enhancing operational efficiency. Passenger traffic has surged, with over 10 million travelers in the past year and 15 new flight slots allocated for the upcoming winter schedule, potentially increasing daily flights to around 225. While the expansion promises to improve services and open new routes, there are concerns regarding wildlife presence in the area, which must be addressed to ensure safety and smooth operations. Overall, this development represents a strategic move to meet the rising air travel demand in Pune, reflecting the Indian government's commitment to enhancing infrastructure and connectivity in response to urban growth. The expansion will directly benefit passengers by reducing delays and improving overall airport functionality, vital for supporting the region's economic activities and boosting national connectivity.

# Shubhanshu Shukla Reveals Axiom-4 Mission Training Insights SHARE

25-Aug-25

The recent achievements of Group Captain Shubhanshu Shukla, the first Indian astronaut to travel to the International Space Station (ISS) as part of the Axiom-4 mission, have garnered significant attention. Shukla shared insights into his rigorous training exhilarating experiences during the mission, highlighting the importance of teamwork and perseverance. He emphasized that the changing landscape of opportunities in India is promising, inspiring students by stating that success comes from determination and hard work. In his address, Shukla spoke about the unique challenges of living in space, the necessity of multitasking skills, and the beauty of India as viewed from orbit. His interactions with young students focused not just on the technical aspects of being an astronaut, but on encouraging them to pursue their dreams, reinforcing that anyone can achieve great heights with dedication. Shukla's journey from a shy child to a decorated test pilot and astronaut serves as a motivational narrative, showcasing the progressive advancements in India's space program and the caliber of its defense forces. His experiences underline the importance of fostering a spirit of inquiry and resilience among the youth, which is crucial for India's future in space exploration and scientific endeavors.

# India reaffirms commitment to buy oil from best sources amid US

criticism. 🕓 share

25-Aug-25

India's envoy to Russia, Vinay Kumar, reaffirmed the country's commitment to securing energy by purchasing oil from the best sources, amidst US criticism of its discounted Russian crude imports. He emphasized that India's energy procurement is driven by national interests and market dynamics, rejecting claims that such purchases finance Russia's war in Ukraine. External Affairs Minister S. Jaishankar echoed this sentiment, questioning the hypocrisy of US criticism when other nations, including the US and Europe, continue trade with Russia. India's focus remains on ensuring energy security for its 1.4 billion citizens, and it will pursue measures that protect its national interests.

# Pakistan and Bangladesh Sign Six Agreements to Enhance Ties Share

25-Aug-25

On August 24, 2025, Pakistan and Bangladesh signed six agreements in Dhaka, marking a significant diplomatic milestone after years of strained relations. These agreements cover various areas, including visa abolition for diplomatic passport holders, trade cooperation, academic partnerships, and cultural exchanges, reflecting a renewed commitment to enhancing bilateral ties. The launch of the "Pakistan-Bangladesh Knowledge Corridor," offering scholarships and training for Bangladeshi students and civil servants, further underscores this collaboration. This development is pivotal for regional stability and cooperation, suggesting a strategic shift in South Asian geopolitics aimed at fostering constructive relationships amidst ongoing regional challenges.

# Rajasthan floods: Surwal Dam overflow creates crater, submerges villages. Share

25-Aug-25

Heavy rainfall in Rajasthan's Sawai Madhopur district has led to the overflowing of the Surwal Dam, resulting in severe flooding, massive land collapses, and the formation of a large crater, submerging several villages and disrupting access routes. Hundreds of residents have been evacuated, with many stranded on rooftops amidst shortages of food and water. Authorities, including Rajasthan ministers, are focusing on immediate relief and drainage measures, while the India Meteorological Department warns of continued heavy rainfall. This situation highlights the urgent need for

robust infrastructure improvements to mitigate the impacts of such natural disasters in the future.

# India and China agree to revive trade at Shipki-La crossing. Share

25-Aug-25

India and China have reached an agreement to revive traditional border trade via the Shipki-La crossing in Himachal Pradesh, following discussions between External Affairs Minister S. Jaishankar and Chinese Foreign Minister Wang Yi. This initiative, prompted by the Himachal government's efforts and the Chief Minister's advocacy, aims to restore trade routes previously affected by the COVID-19 pandemic and facilitate the Kailash Mansarovar Yatra. The resumption of trade at Shipki-La, alongside the existing routes of Lipulekh and Nathu La, is expected to boost economic, cultural exchanges, and tourism in the region, reflecting a positive step in India-China relations.

# NTPC to begin construction of 2,800 MW nuclear plant in Rajasthan. Share

25-Aug-25

NTPC Ltd is set to launch the construction of a 2,800 MW nuclear power plant in Banswara, Rajasthan, marking its entry into nuclear energy. This project, a joint venture with the Nuclear Power Corporation of India Limited, aims to establish four 700 MW pressurised heavy water reactors, with the first unit expected by 2031 and full completion by 2036. NTPC plans to aggressively expand its nuclear capacity, targeting an addition of 30 GW by 2047, supported by collaborations with various international consultants. India's nuclear power capacity is projected to rise significantly, reaching 22,380 MW by 2031-32, enhancing the nation's security energy sustainability goals.

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# **Defence Sector Stocks**

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
ТЕМВО	570.0	623.05	569.95	614.2	579756	8.43	70.92	530.91	585.34
APOLLO	239.0	255.0	231.2	250.74	59854528	6.63	84.53	190.12	139.9
SWANDEF	390.8	390.8	390.8	390.8	4644	5.0	99.99	255.75	39.09
AXISCADES	1207.0	1276.4	1201.5	1276.4	122074	4.99	50.6	1262.43	904.13
ZENTEC	1489.7	1550.0	1485.0	1539.6	802144	3.15	47.86	1472.22	1746.77
ASTRAMICRO	1049.0	1073.35	1028.7	1038.45	1165980	2.94	59.0	983.52	851.16
HIGHENE	618.0	660.0	618.0	650.0	6450	2.34	50.59	623.78	602.41
MAZDOCK	2798.9	2798.9	2736.1	2755.7	2516925	2.05	43.8	2745.29	2651.67
CFF	649.9	663.8	646.15	657.0	59600	2.03	59.71	625.15	586.47
CENTUM	2764.8	2800.0						2434.02	1928.41
BHARATFORG	1125.9	1157.8	2734.0 1124.6	2792.3	28258	1.86	70.56		1928.41
				1139.4	1825618	1.46	41.05	1165.78	
AVANTEL	150.03	152.28	147.63	150.85	1698823	1.25	63.96	133.32	138.79
ROSSELLIND	67.01	69.85	66.71	66.99	18370	0.98	46.99	67.07	71.3
GOODLUCK	1125.0	1135.0	1109.0	1129.8	88968	0.47	60.33	1052.57	903.77
RTNINDIA	52.99	53.69	52.62	52.82	2246870	0.3	42.74	53.27	54.22
TECHERA	201.0	208.0	195.3	201.1	38400	0.25	50.3	200.46	179.39
LT	3616.0	3617.9	3584.3	3603.1	980393	0.2	50.01	3617.25	3513.39
BDL	1540.0	1542.7	1516.0	1520.7	943361	0.2	36.51	1563.94	1422.94
URAVIDEF	490.0	509.0	478.2	485.7	8362	0.18	44.06	493.96	452.67
MARINE	172.0	175.5	170.25	171.92	131067	0.12	36.82	175.4	209.1
PTC	187.76	190.49	187.05	187.68	720333	-0.04	52.11	185.59	167.18
LMW	15133.0	15278.0	15011.0	15126.0	1558	-0.05	44.17	15163.1	16015.59
SUNITATOOL	769.0	774.85	745.05	758.0	3750	-0.07	54.01	726.26	767.5
DCXINDIA	269.5	269.5	262.95	266.25	722855	-0.3	53.52	257.11	294.25
MIDHANI	395.95	397.7	388.0	390.0	259855	-0.32	43.23	394.56	348.38
HAL	4510.0	4513.0	4451.6	4457.6	1205292	-0.34	40.07	4497.09	4326.39
JYOTICNC	954.0	956.8	937.3	950.2	146426	-0.46	42.08	970.85	1118.37
BEL	377.85	380.05	371.5	372.05	8577673	-0.75	35.82	382.8	326.48
WALCHANNAG	184.3	189.5	182.7	183.58	44310	-0.87	36.96	188.08	218.38
NIBE	1216.2	1242.8	1190.0	1190.15	8171	-0.89	24.14	1425.65	1487.27
ADANIENT	2335.7	2348.4	2300.0	2302.9	542455	-0.95	39.53	2352.6	2429.04
MACPOWER	815.4	855.6	810.0	816.4	5740	-0.99	35.97	899.09	1051.76
BEML	4049.5	4073.6	3985.2	3993.6	117653	-1.0	43.45	3996.48	3715.16
KRISHNADEF	799.75	800.0	790.0	790.05	19750	-1.02	41.53	801.17	753.52
DYNAMATECH	6600.0	6621.5	6446.0	6457.5	4040	-1.16	38.95	6593.42	7008.93
MTARTECH	1530.0	1532.1	1495.0	1501.6	41703	-1.24	47.66	1496.33	1544.37
DATAPATTNS	2639.0	2650.0	2548.7	2557.4	156906	-1.28	44.29	2570.61	2346.86
SOLARINDS	14932.0	14940.0	14640.0	14654.0	58873	-1.29	45.68	14645.65	12296.53
COCHINSHIP	1718.0	1732.0	1675.7	1683.5	543870	-1.29	35.83	1712.58	1624.41
GRSE	2580.1	2614.8	2511.0	2518.6	575504	-1.34	42.24	2572.25	2020.94
IDEAFORGE	501.45	504.55	490.0	491.95	254244	-1.42	54.53	453.06	498.88
PARAS	692.0	692.0	666.0	672.45	421283	-1.67	42.24	664.42	611.25
AZAD	1606.6	1622.5	1562.0	1567.7	101829	-2.26	50.27	1537.54	1576.48
HBLPOWER	800.65	802.85	774.65	780.3	1126396	-2.54	75.93	678.05	568.25
PREMEXPLN	540.0	540.0	520.0	523.3	254410	-2.63	57.13	471.57	467.72
DRONACHRYA	77.9	77.9	73.5	73.8	56000	-3.3	41.76	74.61	89.55
SIKA	1225.5	1233.0	1145.0	1162.0	67425	-3.93	42.8	1212.63	776.4
RELINFRA	279.5	281.45	275.65	275.65	670856	-5.0	38.84	290.91	292.24
LOKESHMACH	230.0	235.35	208.51	210.47	293337	-5.9	52.53	205.88	232.32
TANEJAERO	441.1	447.9	410.0	413.4	54744	-7.91	46.3	422.35	381.08