



Defence Professionals News & Analysis

August 07,2025 | Day 219

Top Gainers

Stock	Close	Prev	Change
HIGHENE	614.4	585.15	+5.0%
SWANDEF	337.65	321.56	+5.0%
CENTUM	2405.9	2330.3	+3.24%
DCXINDIA	268.3	261.65	+2.54%
AVANTEL	128.87	126.32	+2.02%

Top Losers

Stock	Close	Prev	Change
TEMBO	477.3	542.8	-12.07%
ROSSELLIND	67.03	71.18	-5.83%
MACPOWER	861.9	907.2	-4.99%
RELINFRA	281.3	295.05	-4.66%
MTARTECH	1488.6	1551.3	-4.04%

Defense Business and Industry

Rolls-Royce plans MRO facility in India for AE2100 engine.

SHARE

07-Aug-25

Rolls-Royce is considering establishing a Maintenance, Repair, and Overhaul (MRO) facility in India for the AE2100 engine used by the Indian Air Force, aligning with the India-UK Comprehensive Economic and Trade Agreement (CETA). The company emphasizes India's importance as a strategic partner for co-development and plans to enhance its sourcing and supply chain capabilities in the region. This initiative is part of Rolls-Royce's broader strategy to deepen collaboration in defense and civil aerospace sectors, leveraging local talent and existing partnerships with Indian firms. The move signifies a strong commitment to strengthening India's defense capabilities and enhancing bilateral relations.

L&T and Green Aero Collaborate on Military Drone Turbojet Engines

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07-Aug-25

Larsen & Toubro (L&T) has partnered with Hyderabad-based startup Green Aero to develop micro turbojet engines for military drones, marking a significant step towards India's self-reliance in aerospace technology. This collaboration aims to produce high-speed unmanned aerial vehicles (UAVs) with indigenous engines, enhancing performance for surveillance and combat operations. With L&T's expertise and Green Aero's innovative propulsion technology, the new engines are expected to achieve speeds of around 450 km/h and improve operational capabilities for the

Indian Armed Forces. This initiative not only strengthens India's defense posture but also contributes to boosting the domestic defense manufacturing ecosystem.

Indian Navy Opens Advanced Maritime Hub for Indian Ocean Security

SHARE

07-Aug-25

The Indian Navy has inaugurated the Information Fusion Centre-Indian Ocean Region (IFC-IOR) in Gurugram, significantly enhancing maritime safety and security collaboration across the Indian Ocean Region. With state-of-the-art infrastructure, the centre facilitates the hosting of International Liaison Officers from 26 partner countries, promoting prompt information sharing and operational coordination. The initiative aligns with the MAHASAGAR framework, emphasizing mutual security and stability. Additionally, the introduction of the MANTRA software will bolster Maritime Domain Awareness by monitoring commercial shipping activities, reinforcing India's commitment to a secure and prosperous maritime environment in the region. This reflects India's proactive stance in fostering regional partnerships against emerging maritime challenges.

Defense Stocks Poised to Gain from ₹67,000 Crore DAC Approval

SHARE

07-Aug-25

The Indian Defence Acquisition Council (DAC), led by Defence Minister Rajnath Singh, approved capital acquisition proposals worth approximately ₹67,000 crore on August 5, 2025, aimed at significantly enhancing the operational readiness of the Indian Army, Navy, and Air Force. Key procurements include thermal imager-based driver night sights for BMP infantry vehicles to improve night driving for the Army, and

Compact Autonomous Surface Craft, upgraded BrahMos fire control systems, and an upgraded BARAK-1 missile defence system for the Navy. The Air Force will receive mountain radars for enhanced surveillance along mountainous borders and an upgraded SPYDER/SAKSHAM weapon system integrated with the Integrated Air Command and Control System (IACCS). A tri-service acquisition of Medium Altitude Long Endurance (MALE) Remotely Piloted Aircraft (RPAs) was also approved, enhancing long-range surveillance and combat capabilities. Additional approvals include sustenance support for C-17 and C-130J fleets and maintenance of the S-400 long-range air defence missile system. Major beneficiaries expected are Bharat Electronics Limited (BEL), Bharat Dynamics Limited (BDL), Hindustan Aeronautics Limited (HAL), Larsen & Toubro (L&T), Godrej Aerospace, Adani Defence, Astra Microwave, and Data Patterns. Despite a recent dip in the Nifty India Defence Index by about 11% over the past month, these approvals underscore the government's commitment to modernizing India's defense capabilities and bolstering the domestic defense industry under the "Buy (Indian)" category, potentially driving growth for defense stocks and enhancing national security readiness. The strategic acquisitions span advanced surveillance, missile systems, autonomous naval crafts, and enhanced combat vehicles, firmly supporting India's defense modernization agenda through 2025.

Global Demand for Indian Rockets Requires Advanced Manufacturing Hubs



07-Aug-25

Former ISRO Chief S Somanath has emphasized the significant global demand for Indian rockets but highlighted a critical shortage of manufacturing capacity that limits India's ability to meet this demand. Speaking at the Accel Advanced Manufacturing Summit in Bengaluru on August 5, 2025, he pointed out that while Indian rockets and spacecraft exhibit advanced technology, they are often custom-built, lacking the mass production infrastructure needed to scale output rapidly. Somanath called for concentrated tooling and manufacturing hubs to consolidate expertise in areas like tooling processes, metallurgy, and automation, similar to models in countries like China. He also noted the current dependence on a few firms for component manufacturing, with final assembly still centralized at ISRO. Addressing these gaps by developing a skilled workforce, promoting industrial collaboration, and fostering an extensive aerospace manufacturing ecosystem is essential for India to capitalize on the

expanding commercial space market. Additionally, India is expanding its launch infrastructure with projects like the third launch pad at Sriharikota, set for completion in 2029, to support next-generation vehicles and increased launch capacity. Several states, including Gujarat, Tamil Nadu, and Karnataka, are emerging as specialized manufacturing hubs focused on satellites, payloads, and launch vehicles to bolster the country's space ambitions. These efforts collectively aim to achieve self-reliance and scale in aerospace manufacturing to meet escalating international demand.

Indian Army Inducts BEML's Indigenous Minefield Marking Equipment



07-Aug-25

The Indian Army has inducted the indigenous Mechanical Minefield Marking Equipment Mark-II (MMME MK-II) developed by BEML, showcasing a significant advance in India's defense indigenization strategy under the Atmanirbhar Bharat initiative. This semi-automated system enhances operational safety by reducing human exposure to hazardous environments during minefield marking, capable of marking at 1.2 km/hour with adjustable spacing for tactical flexibility. The equipment, built on a high-mobility vehicle, strengthens India's defense logistics and operational readiness, emphasizing the government's commitment to modernizing forces and promoting local manufacturing in defense. The induction of 56 units for 329 crore rupees marks a pivotal step towards enhancing military efficiency in challenging terrains.

India and Russia to Create Wind Tunnel Facility and Engine Production



07-Aug-25

India and Russia have signed an agreement to establish a modern Wind Tunnel Facility and produce Small Aircraft Piston Engines in India, enhancing defense and aerospace collaboration. This initiative aims to advance technological expertise and self-reliance in aviation, crucial for testing and developing aircraft components. The facility will reduce development costs and risks while enabling domestic production of engines, addressing the growing demands of both civil and military aviation. This partnership reflects India's commitment to the "Make in India" initiative, leveraging Russian expertise to boost local manufacturing and reduce import dependency, ultimately strengthening India's aerospace sector and defense capabilities.

Indian Army Awards ₹17 Crore Contract for 7.62mm MMG Mod Kits



07-Aug-25

The Indian Army has awarded a ₹17 crore contract to Lokesh Machines for the supply of 'Mod Kits' for the 7.62mm MMG, highlighting the company's growing role as a domestic defense supplier despite facing US sanctions linked to alleged ties with Russia. Lokesh Machines, recognized for its indigenous Asmi submachine gun, emphasizes compliance with Indian laws and seeks to resolve its sanctions through legal means. This contract signifies the Army's commitment to enhancing indigenous capabilities and modernization of infantry weapons, reinforcing India's strategic focus on self-reliance in defense manufacturing amidst international challenges. The situation illustrates the resilience of domestic manufacturers in bolstering national security interests.

Astra MK-2 AAM to Begin User Trials with Su-30MKI Soon



07-Aug-25

The Astra MK-2 air-to-air missile, developed by DRDO, is set to enter user trials with the Su-30MKI jet, significantly enhancing India's air combat capabilities. With an extended range of 140-160 kilometers and advanced features like an AESA seeker, it rivals top global missiles, ensuring greater lethality against agile targets. The integration with the Su-30MKI's avionics has been validated through extensive trials, positioning it for full-scale induction by 2027. This initiative underscores India's commitment to self-reliance in defense technologies, involving multiple public and private sectors, thus bolstering the Indian Air Force's ability to counter advanced aerial threats in contested environments.

India Approves Maintenance Contract for S-400 Air Defence Systems



07-Aug-25

India's Ministry of Defence has approved a Comprehensive Annual Maintenance Contract (CAMC) for the S-400 air defence systems, ensuring 90% operational availability. This strategic move enhances India's air defence capabilities against threats from adversaries like China and Pakistan, particularly in sensitive areas like Ladakh. The contract includes maintenance, repairs, and training for Indian Air Force personnel, while promoting indigenous capabilities in line with the Aatmanirbhar Bharat initiative. Despite scrutiny over defence ties with Russia, this long-term framework ensures uninterrupted support and

mitigates risks from Western sanctions, reinforcing India's commitment to national security and operational readiness of advanced missile systems.

DRDO to Conduct 200 Sorties for Su-30MKI Radar Testing



07-Aug-25

The Defence Research and Development Organisation (DRDO) is set to enhance the Indian Air Force's Su-30MKI capabilities through the Project Virupaksha, introducing an advanced AESA radar. Approximately 200 sorties will validate the radar's performance, which features superior range and capabilities against stealth targets. Developed by DRDO's LRDE, this radar will replace the existing Russian radar, making the Su-30MKI a formidable 4.5+ generation platform. The upgrade, part of a ₹66,829 crore program, aims for indigenous production and could potentially lead to defense exports, emphasizing India's commitment to self-reliance in defense technology through the Atmanirbhar Bharat initiative.

Kaveri Engine Certification Nears, Boosting Ghatak UCAV Program



07-Aug-25

India is set to enhance its aerospace capabilities with the Kaveri Derivative Engine (KDE) nearing certification by 2026 to power the Ghatak UCAV program, projected to procure 150 units by 2033. GTRE will outsource full engine assembly through competitive bidding, promoting private sector involvement and technology transfer, crucial for achieving self-reliance under the Aatmanirbhar Bharat initiative. Major players like Godrej Aerospace and L&T are expected to participate, ensuring local production of 160-170 engines. The Ghatak UCAV, featuring advanced stealth and AI capabilities, will play a pivotal role in deep-strike missions and ISR, underlining India's strategic shift towards indigenous defense production.

ARDE Unveils Air-Launched Pinaka Rocket to Enhance IAF Precision



07-Aug-25

The Armament Research and Development Establishment (ARDE) has announced plans for an air-launched version of the Pinaka rocket system, enhancing the Indian Air Force's (IAF) precision-strike capabilities, particularly with its integration into frontline fighter jets like the Sukhoi Su-30MKI and Rafale. This initiative aims to provide a cost-effective, indigenous alternative to imported systems, improving the IAF's standoff strike arsenal while aligning with

India's Atmanirbhar Bharat initiative for self-reliance. The development of the air-launched Pinaka, particularly the Pinaka-IV variant with a 300 km range, showcases India's commitment to building advanced defense capabilities and reducing reliance on foreign suppliers, ensuring operational readiness in diverse combat scenarios.

Tejas MkII Enters Avionics Integration Phase Ahead of First Flight SHARE

07-Aug-25

India's Tejas MkII fighter jet development has advanced into the avionics integration phase, marking a significant milestone as the first prototype shifts from airframe assembly to electronic systems integration. This critical phase sets the foundation for upcoming ground testing and engine runs, with the first flight anticipated in early 2026. The Tejas MkII will feature advanced avionics, including a next-generation mission computer and electronic warfare suites, and is poised to replace older jets like the Jaguar and Mirage-2000. With six squadrons already committed by the Indian Air Force, the Tejas MkII is integral to modernizing India's aerial capabilities and enhancing its defense readiness in the coming years.

Tonbo Imaging to Develop Astra Remote Controlled Weapon System SHARE

07-Aug-25

Tonbo Imaging has announced plans to develop the Astra Remote Controlled Weapon System (RCWS), which aims to significantly enhance precision and efficiency in defense applications through advanced automated weaponry. The Astra RCWS features a modern turret with a mounted weapon and integrated optical systems, suggesting robust targeting capabilities suitable for various environmental conditions. This initiative highlights Tonbo Imaging's commitment to innovation in the defense sector, potentially incorporating AI-driven technology for improved operational safety and effectiveness. The development of the Astra RCWS could play a crucial role in modernizing Indian defense strategies by providing military forces with state-of-the-art remote weapon systems.

India's LCH Prachand Upgraded with Advanced Lightweight Armour SHARE

07-Aug-25

India's Light Combat Helicopter (LCH) Prachand, developed by Hindustan Aeronautics Limited (HAL), has received an advanced lightweight armour upgrade that

significantly enhances its survivability in high-altitude combat, particularly in challenging regions like Ladakh and Siachen. The new ceramic-based armour can withstand severe projectile threats while maintaining the helicopter's agility and payload capacity. This upgrade not only fortifies the operational readiness of the Indian Air Force and Army but also positions the LCH as a competitive export option in the global market, showcasing India's commitment to advancing its indigenous defense capabilities and addressing regional security challenges effectively.

HAL Advances F414 Engine Production in India Amid Tariff Issues SHARE

07-Aug-25

Hindustan Aeronautics Limited (HAL) is advancing its plans to produce General Electric's F414-INS6 turbofan engines in India, despite U.S. tariff concerns, reinforcing India's push for self-reliance in aerospace. The Manufacturing License Agreement (MLA) includes an 80% Transfer of Technology, critical for enhancing the Indian Air Force's TEJAS MK-2 fighter jets, with production expected to begin by mid-2028. This deal, valued at around \$1 billion, signifies a vital technology transfer and showcases the strong U.S.-India defense partnership, as it aims to bolster India's defense capabilities amid regional geopolitical challenges, particularly against China. The strategic importance of this partnership is expected to withstand potential trade disruptions.

Rolls-Royce Stresses Commitment to India's AMCA Engine Amidst Rivals SHARE

07-Aug-25

British engineering giant Rolls-Royce has reaffirmed its interest in co-developing an engine for India's Advanced Medium Combat Aircraft (AMCA), amid competition from France's Safran. As India seeks self-reliance in defense technology, the choice between Rolls-Royce, which offers a comprehensive partnership and technology ownership, and Safran, which promises a full technology transfer and local manufacturing ecosystem, is pivotal. The AMCA program represents a strategic move for India's aerospace capabilities, with the decision expected by late 2025. Ultimately, selecting the right partner will significantly influence India's defense landscape and future aerospace advancements.

Dhruva Space to Launch Australian Payloads with Indian Technology



07-Aug-25

Dhruva Space, an Indian private space start-up, is set to launch its first commercial satellite mission, LEAP-1, in Q3 2025, deploying Australian payloads from Akula Tech and Esper Satellites using its indigenously developed P-30 satellite platform. This mission underscores the strengthening Indo-Australian collaboration, receiving support from the U.S., and signifies a shift towards commercial operations after successful technology testing. The mission will utilize advanced AI for on-orbit data processing and a hyper-spectral imager for Earth observation, supporting various applications from agriculture to disaster management. LEAP-1 highlights India's growing presence in the global space market and its capabilities in advanced satellite technology.

Defense Policy and Budgeting

CDS Anil Chauhan Releases Declassified Joint Doctrines for Military Operations



07-Aug-25

Chief of Defence Staff General Anil Chauhan announced the release of declassified Joint Doctrines for Cyberspace Operations and Amphibious Operations, highlighting India's commitment to enhancing military transparency and joint warfare capabilities. The Cyberspace Doctrine promotes a unified approach integrating offensive and defensive cyber strategies, while the Amphibious Doctrine focuses on coordinating maritime, air, and land forces for effective operations. This initiative reflects India's proactive stance in modern warfare, emphasizing interoperability and rapid response. The ongoing development of new doctrines across various military domains signifies a strategic effort to equip stakeholders with essential guidelines for effective joint military operations, reinforcing India's defense capabilities in an evolving geopolitical landscape.

DAC Approves Mountain Radars for IAF Modernization



07-Aug-25

The Defence Acquisition Council (DAC) of India has approved the procurement of advanced Mountain Radars for the Indian Air Force (IAF) as part of a ₹67,000 crore modernization initiative, significantly

enhancing air surveillance capabilities in high-altitude regions along the Line of Actual Control (LAC) with China. These radars, including the Aslesha Mk-II, Low-Level Lightweight Radar Mk-II, and Ashwini LLTR, will provide early warning and tracking of aerial threats, bolstering India's defense posture in challenging terrains. This strategic move addresses the growing aerial threats from China, ensuring comprehensive situational awareness and real-time data for the IAF, thereby reinforcing the security of critical military infrastructure in border areas.

DAC Approves Barak-1 Missile System Upgrade for Indian Navy



07-Aug-25

The Indian Defence Acquisition Council has approved the upgradation of the Barak-1 Point Defence Missile System for the Navy, part of a ₹67,000 crore modernization effort. This upgrade aims to enhance the aging systems' capabilities until the indigenous VL-SRSAM is fully operational. The Barak-1 system, acquired from Israel in 2000, faces obsolescence challenges, prompting this decision to maintain robust air defence against evolving threats. The upgrades will improve radar performance and ensure integration with modern command and control systems, aligning with India's layered defence strategy and emphasizing self-reliance in defense capabilities through indigenous developments like the VL-SRSAM.

Politics

India Criticizes US Tariff on Oil Imports as Unfair and Unjustified



07-Aug-25

India has criticized the recent 25% tariff imposed by the US on its imports, labeling the action as unfair and unreasonable, particularly as it targets India's oil purchases from Russia. The Ministry of External Affairs emphasized that India's energy imports are driven by market factors and the need to secure energy for its 1.4 billion citizens. India's stance underscores its commitment to national interests and highlights the inconsistency of the US's approach, as several other countries are undertaking similar actions without facing tariffs. This situation reflects broader geopolitical tensions and the complexities of international trade amidst evolving alliances.

J-K government bans 25 books for promoting secessionism and violence.



07-Aug-25

The Jammu and Kashmir government has banned 25 books for promoting false narratives and secessionism, citing concerns over their role in inciting violence and terrorism among the youth. This action is backed by credible intelligence that indicates these publications distort historical facts, glorify terrorists, and vilify security forces, thereby threatening India's sovereignty. The banned titles include works by notable authors such as Arundhati Roy and A G Noorani. By addressing the dissemination of radical literature, the government aims to thwart the radicalization process and uphold national integrity, reflecting a proactive approach to countering misinformation and preserving communal harmony.

Farooq Abdullah to Advocate for J&K Statehood at INDIA Bloc Meet



07-Aug-25

Ruling National Conference president Farooq Abdullah has announced plans to raise the restoration of Jammu and Kashmir's statehood in an upcoming INDIA bloc meeting in Delhi. This follows a request from Chief Minister Omar Abdullah to political leaders to advocate for statehood legislation in Parliament. Abdullah criticized the Peoples Democratic Party's past collaboration with the BJP, stating it contributed to the abrogation of Article 370 and 35A. He expressed hope for support from opposition leaders and indicated that the Supreme Court would soon hear the case regarding statehood restoration. The issue underscores the ongoing political complexities and aspirations for autonomy in Jammu and Kashmir.

Geopolitics and Security Alliances

Australian Army Chief's India Visit to Boost Defense Ties



07-Aug-25

Lieutenant General Simon Stuart, Chief of the Australian Army, will visit India from August 10 to 14 to enhance bilateral defense ties under the India-Australia Comprehensive Strategic Partnership. His discussions with Indian Army Chief General Upendra Dwivedi aim to strengthen cooperation on regional stability in the Indo-Pacific. With initiatives like joint exercises, training exchanges, and staff talks, both nations are advancing

their military collaboration. Notably, exercises such as AUSTRAHIND and Talisman Sabre focus on counter-terrorism and operational interoperability, showcasing India's rising stature as a key defense partner in the region and solidifying trust for future engagements.

India Rebuts US 50% Tariff Amidst Rising Russian Oil Imports



07-Aug-25

US President Donald Trump has imposed a significant 50% tariff on Indian goods, citing India's increased purchases of Russian oil amidst the Ukraine conflict. This tariff is a culmination of an executive order that initially included a 25% tariff, which was then raised due to claims that India is exploiting the situation to bolster its oil imports from Russia, directly challenging US geopolitical strategies. The Ministry of External Affairs (MEA) of India has rebuffed this move, arguing that such tariffs are unfair and unjustified, emphasizing that India's decisions are driven by the need for energy security for its population rather than any strategic maneuvering related to the Ukraine situation. The MEA has also pointed out the inconsistency in US actions, noting that other nations like China and Türkiye, which also import Russian oil, have not faced similar penalties, raising questions about the selective nature of Washington's sanctions. The imposition of these tariffs reflects broader tensions in US-India relations and underscores India's commitment to maintaining its energy security independent of external pressures, a stance that resonates with its larger strategic framework in a multipolar world. India's surge in imports from Russia, which rose from \$8.25 billion in 2021 to \$65.7 billion in 2024, mainly due to crude oil, contrasts with the US's drastic reduction in imports from Russia, highlighting a significant divergence in energy strategies between the two nations. Overall, India's response signifies its intention to protect its national interests while navigating a complex and evolving geopolitical landscape, further reinforcing its position as a key player in global energy dynamics.

PM Modi to visit China for SCO Summit amid tense relations



07-Aug-25

Prime Minister Narendra Modi is expected to visit China for the Shanghai Cooperation Organisation (SCO) summit from August 31 to September 1, 2025, marking his first trip since the 2020 Galwan clash, which had strained India-China relations. This visit follows his annual summit with Japanese Prime Minister Fumio Kishida in Tokyo, and is being closely monitored by

international stakeholders due to its potential impact on regional security dynamics. The backdrop of Modi's visit is characterized by ongoing tensions since the Galwan incident, which halted high-level bilateral engagements and led to increased military preparedness on both sides. Despite attempts at diplomatic engagement, including Defence Minister Rajnath Singh's earlier participation in SCO meetings, India has maintained a firm stance against language perceived as undermining its position on terrorism, notably rejecting a joint statement at a recent defence ministers' meeting. Modi's trip symbolically and strategically aims to navigate these complexities and may influence future India-China relations as well as the broader geopolitical landscape in Eurasia, highlighting the delicate balance of cooperation and mistrust that defines the SCO environment.

Putin to visit India amid U.S. pressure on Russian oil imports



07-Aug-25

Russian President Vladimir Putin is set to visit India later this year, as confirmed by India's National Security Adviser Ajit Doval during his talks in Moscow. This visit comes amid increasing pressure from the U.S., with President Trump imposing tariffs on Indian imports due to New Delhi's continued purchase of Russian crude oil, a situation that has escalated tensions between the two nations. Meanwhile, discussions between India and Russia are underway to further strengthen their strategic defense partnership, with recent meetings highlighting ongoing cooperation in military technology, including the S-400 air defense system and joint production projects. The evolving relationship reflects a shift from a traditional buyer-seller dynamic to one focused on joint research and development, emphasizing India's commitment to enhancing its defense capabilities amidst geopolitical pressures. As India maintains its ties with Russia, adversities posed by external sanctions and tariffs from the U.S. are being met with strategic cooperation and a focus on self-reliance in defense manufacturing, ensuring that India remains equipped to address its security challenges effectively while navigating complex international relations.

India and Philippines strengthen ties amid South China Sea tensions



07-Aug-25

India and the Philippines are strengthening their diplomatic ties, further enhancing India's Act East Policy and Indo-Pacific strategy, particularly against the

backdrop of China's assertiveness in the South China Sea. President Bongbong Marcos's recent visit marks a significant step in elevating bilateral relations to a strategic level, especially as the Philippines prepares to chair ASEAN next year. This cooperation is timely, as the Philippines has shifted towards defending its national interests and aligning more closely with partners like the U.S., Japan, and Australia, while recognizing India's growing importance in regional security dynamics. The introduction of visa-free travel for Indians and direct flights by Air India is expected to boost tourism and people-to-people ties, which have historically lagged compared to other ASEAN nations. Despite modest trade figures, valued at \$3.5 billion, the Philippines is increasingly recognizing India's role as an emerging economic power, with Indian investments in key sectors amounting to around \$5 billion. Negotiations on a Preferential Trade Agreement and customs cooperation are underway, indicating a proactive approach by the Philippines to bolster economic ties with India. The evolving partnership is not only significant in terms of economics and security but also symbolizes a broader geopolitical strategy in the Indo-Pacific region, where India is positioning itself as a key player amidst rising tensions with China.

US Risks Losing Crucial Partnership with India, Report Warns



07-Aug-25

A recent report warns that the United States risks losing its crucial partnership with India amid increasing tensions spurred by the Trump administration's decision to double tariffs on Indian exports to 50%, effective August 27, 2025. This tariff hike, targeting key sectors like seafood, textiles, jewelry, and auto parts, is a retaliation against India's continued purchases of Russian oil. While the U.S. pursues economic nationalism through these sanctions, India maintains its strategic autonomy by engaging multilaterally with global powers, balancing ties with Russia, the U.S., and China. The report highlights growing distrust fueled by perceived U.S. double standards, as Trump's administration exempts China from similar tariffs despite its Russian oil imports. This escalating economic conflict risks India's curtailment of U.S. access to its tech and defense sectors, undermining American influence in the Global South and threatening the decades-long strategic cooperation aimed at counterbalancing China's regional dominance. The strained relations mark a critical juncture for the Indo-U.S. partnership and the broader geopolitical balance.

Russian and Chinese Navies Conduct Anti-Submarine Drills



07-Aug-25

The recent Russian-Chinese naval exercises "Maritime Interaction-2025," conducted in the Sea of Japan, emphasized anti-submarine warfare and showcased enhanced operational coordination between the Russian Navy and the People's Liberation Army Navy. This iteration, marked by the involvement of advanced naval assets and a new joint headquarters in Vladivostok, aimed to exhibit strategic deterrence amid heightened global tensions, particularly following U.S. military movements in the region. The drills involved joint detection and mock-destruction of an "enemy" submarine, reinforcing the strategic partnership between Russia and China, while signaling their military capabilities to the U.S. and allies, potentially impacting regional security dynamics involving India.

Trump Administration Concerned Over India's BrahMos Missile Potential



07-Aug-25

The Wall Street Journal reported that the Trump administration harbored concerns over India's BrahMos missile potentially being armed with nuclear warheads to target Pakistan. U.S. officials worried about nuclear escalation amid rising tensions, prompting diplomatic interventions. However, Indian officials clarified that the BrahMos is a conventionally armed system, outside the control of its Strategic Forces Command, and emphasized adherence to a No First Use nuclear policy. The BrahMos, a supersonic cruise missile, is recognized for its precision and versatility in conventional warfare, reinforcing India's military capabilities. This situation highlights the intricate security dynamics in South Asia and the critical role of missile perceptions in international diplomacy.

Indian Official Rejects Pakistan's EW Capability Claims



07-Aug-25

A senior Indian defence official has refuted Pakistan's claims regarding advanced electronic warfare (EW) capabilities, particularly those attributed to the PAF's outdated DA-20EW Falcon aircraft. The official emphasized that such narratives are unfounded, asserting that India's advanced systems, including the Rafale jets equipped with the SPECTRA suite, far surpass Pakistan's capabilities, which rely on antiquated technology. Furthermore, India's EW advancements, supported by the DRDO and private sector, ensure a significant edge over Pakistan's

reliance on imported systems. The official dismissed Pakistani assertions as exaggerated, highlighting the technological gap and the robustness of India's EW capabilities in modern warfare.

Military Operations

Heightened security in Jammu and Kashmir as one terrorist neutralized before Independence Day.



07-Aug-25

Security measures have been significantly heightened in Jammu and Kashmir ahead of Independence Day, with the Indian Army conducting an ongoing anti-terror operation named "Operation Akhal" for the seventh consecutive day in the Kulgam district. So far, one terrorist has been neutralized, and the operation has involved intensive patrolling and the use of advanced surveillance technology, including drones and thermal imaging, to locate remaining threats. The Northern Army Commander, Lt General Pratik Sharma, has personally reviewed the Counter-Terrorism Grid and commended the troops for their steadfastness and operational readiness to ensure peace and security in the region. Despite recent media speculation regarding ceasefire violations along the Line of Control, the Indian Army confirmed that there have been no such incidents. This demonstrates India's commitment to maintaining stability and security in Jammu and Kashmir, particularly during sensitive periods such as national celebrations. The proactive and coordinated efforts of the armed forces, utilizing high-tech equipment and elite units, reflect a robust strategy to preemptively address any potential threats, reaffirming India's resolve in safeguarding its sovereignty and the safety of its citizens.

Three CRPF personnel killed, 15 injured in Udhampur vehicle accident.



07-Aug-25

Three Central Reserve Police Force (CRPF) personnel were tragically killed, and 15 others injured when their vehicle skidded off the road into a gorge in Jammu and Kashmir's Udhampur district during their return from an operation. The incident, which occurred around 10:30 AM, involved a vehicle from the 187 battalion carrying 23 personnel. Local residents played a commendable role in assisting with the rescue efforts, highlighting community support in such crises. Union Minister of State Jitendra Singh has been in contact with local authorities to monitor the situation and ensure all

possible aid is provided, demonstrating the government's commitment to supporting its forces during unfortunate incidents.

Indian Army Constructs 110-Foot Bridge in Arunachal Pradesh



07-Aug-25

The Indian Army's Spear Corps has successfully constructed a 110-foot bridge across the Kundao-Chu River in Arunachal Pradesh, significantly enhancing connectivity between the Lohit Valley and strategically important forward areas. This infrastructure project not only bolsters military logistics but also improves access to essential services and economic opportunities for local residents, demonstrating the Army's dual role in national defense and regional development. By overcoming the challenging terrain and weather conditions, the Indian Army highlights its commitment to strengthening both security and local growth, reinforcing the crucial link between military capability and community welfare in border regions.

Terrorism and Counterterrorism

Pakistan's advanced drones boost arms and drug smuggling into India.



07-Aug-25

Recent reports indicate a resurgence of sophisticated Pakistani drones being used for drug and arms smuggling into India, particularly in Punjab. Following the lull post-Operation Sindoor, these new drones can fly at higher altitudes and utilize evasive flight patterns to evade detection. The Border Security Force has intercepted several drones carrying weapons and heroin, highlighting the ongoing proxy warfare facilitated by ISI-backed terror groups. This advanced drone technology poses a significant challenge for Indian security agencies, necessitating enhanced interception capabilities to safeguard the border effectively. India's proactive measures in countering these threats will be crucial in maintaining national security.

Kulgam Locals Urge Relocation Amid Ongoing Anti-Terror Ops



07-Aug-25

In Kulgam, locals have requested relocation amid a prolonged anti-terror operation that has lasted over a week, citing severe hardships due to continuous firing and a shortage of food and medical supplies. Villagers,

especially children and the elderly, are experiencing psychological distress as they struggle with the ongoing situation. While residents appreciate the efforts of local officials in providing limited assistance, they urgently appeal to the government for better support and relocation options. This operation, which has already resulted in the deaths of two terrorists, showcases the Indian security forces' commitment to maintaining peace in the region while addressing the community's immediate needs.

Cybersecurity and Information Warfare

Microsoft's Project Ire: AI Tool for Automated Malware Detection



07-Aug-25

Microsoft has launched Project Ire, an AI-powered system that autonomously reverse-engineers software to identify malware without human intervention, boasting a 98% accuracy rate in detecting threats. As part of its Secure Future Initiative, this advanced security tool automates traditional malware classification processes, enhancing threat detection capabilities amid increasing cyber risks. Microsoft's focus on AI-driven cybersecurity solutions reflects a broader industry trend to combat emerging threats effectively, positioning the company as a leader in innovative defense mechanisms against sophisticated cyberattacks. This development underscores the importance of leveraging AI in securing digital infrastructures, crucial for protecting sensitive data in a rapidly evolving technological landscape.

Strengthening India's Cybersecurity: Insights from Secure Bharat

Mission



07-Aug-25

The Secure Bharat Mission, held in association with Zscaler, emphasized the critical need for enhanced cybersecurity in India amid an increasingly complex threat landscape, which includes AI-driven attacks. Key speakers highlighted India's status as the second-most attacked nation globally, advocating for a Zero Trust architecture to safeguard digital services. The event underscored the importance of transitioning from outdated security frameworks and urged collaboration between government and industry to reinforce cyber resilience. Participants agreed on the necessity of continuous updates to security measures and educating the workforce to foster a culture of

cybersecurity as essential steps towards achieving a secure and digitally advanced India.

Infosys launches AI, cybersecurity, and space tech center in Hubballi.



07-Aug-25

Infosys has launched a centre for Advanced AI, Cybersecurity, and Space Technology in Hubballi, North Karnataka, significantly enhancing the region's tech landscape. This initiative aims to create employment opportunities while fostering innovation through collaboration with local institutions and hiring talent from engineering colleges. The establishment of this hub is a strategic move to position Hubballi as a key player in the tech ecosystem, responding to local government expectations for growth in the area. With a focus on AI-driven solutions, Infosys is committed to regional development and tapping into local talent to drive its operations forward.

Mil Personnel & Veterans

NCERT Adds Chapters on Military Heroes Manekshaw, Usman, Sharma



07-Aug-25

Chapters on the lives of Indian military heroes Field Marshal Sam Manekshaw, Brigadier Mohammad Usman, and Major Somnath Sharma have been incorporated into the NCERT syllabus for Class VII and VIII, aiming to inspire students through narratives of courage and duty. This initiative, a collaboration between the Ministry of Defence and the Ministry of Education, emphasizes the importance of understanding India's military history while fostering patriotism and moral values among young citizens. The National War Memorial, dedicated by Prime Minister Modi in 2019, plays a crucial role in these efforts, reinforcing a sense of national spirit and belonging as students learn about the sacrifices made by these brave soldiers.

SC urges IAF to redefine "mother" for family pension to include step-mothers.



07-Aug-25

The Supreme Court of India has urged the Centre and the Indian Air Force (IAF) to reconsider the definition of "mother" in family pension regulations to include step-mothers. This plea arises from a case where a woman, who raised her stepson after his biological mother

passed away, was denied benefits. The Court emphasized that "mother" is a broad term and should encompass those who fulfill maternal roles, advocating for a more inclusive interpretation. The IAF's rigid definition was challenged, highlighting the need for social welfare schemes to adapt to modern family structures and provide equitable benefits.

Delhi HC issues notice on petition against UPSC barring women from military academies via CDS exam.



07-Aug-25

The Delhi High Court has issued a notice regarding a petition challenging the UPSC's decision to exclude women from applying to military academies through the CDS exam, allowing only entry to the Officers Training Academy. The petitioner, Kush Kalra, argues that this exclusion is arbitrary and violates women's rights to equality and professional opportunity, contrasting it with the government's stated aim of achieving gender balance. He cites the Supreme Court's prior rulings supporting women's roles in the military, questioning the justification for continued restrictions. This ongoing debate highlights the need for progressive reforms in India's defense landscape to fully integrate women into all military branches.

AIIMS Jammu honors Indian Army's valor in Operation Sindoor.



07-Aug-25

AIIMS Jammu recently honored the bravery of the Indian Army during Operation Sindoor by hosting Brigadier Aniket Deo, who shared insights about the operation's challenges and sacrifices made by troops. The institution demonstrated its commitment to national service by expanding its bed capacity to accommodate operational casualties and organizing emergency care training for medical personnel. Additionally, nursing officers contributed financially to the Army Welfare Organisation, further showcasing their solidarity with the Armed Forces. This event reflects AIIMS Jammu's dedication to supporting military efforts through enhanced healthcare readiness and patriotic initiatives, reinforcing the vital role of civilian institutions in national defense.

Miscellaneous

Army Rescues 70 in Uttarkashi Floods; Over 50 Still Missing SHARE

07-Aug-25

In response to devastating flash floods in Uttarkashi, the Indian Army has rapidly mobilized over 225 troops, including specialized engineers and medical teams, to engage in Humanitarian Assistance and Disaster Relief (HADR) operations. As of now, 70 individuals have been rescued, but more than 50 remain missing, including nine Army personnel who are feared lost. The Army has established an ad-hoc aviation base at Matli Helipad and is deploying Chinook and Mi-17 helicopters for airlifting operations, while drones are being utilized for aerial surveys to locate stranded individuals in inaccessible areas. The situation remains critical, with significant road disruptions due to landslides hampering rescue efforts, but the Army's prompt response, which included reaching affected areas within 15 minutes of the incident, underscores its capability and commitment to support the local population. The seamless coordination among military, State Disaster Response Force (SDRF), and local authorities is commendable, as they work tirelessly to provide food, shelter, and medical support to approximately 180-200 tourists stranded in Gangotri. This incident highlights the resilience and readiness of the Indian armed forces in times of natural disasters, reinforcing their vital role in national disaster response.

Uttarkashi flash floods: Cause unclear; access to sites difficult. SHARE

07-Aug-25

The Uttarkashi district in Uttarakhand experienced devastating flash floods on August 5, 2025, causing at least five confirmed deaths and leaving over 50 people missing, including nine Army personnel. The disaster struck Dharali village, a key stopover on the route to Gangotri, where flash floods and landslides wiped out homes, shops, hotels, and infrastructure. While initial reports cited a cloudburst as the cause, experts now consider heavy rainfall combined with the region's rugged topography, including landslides and debris flow, as the main triggers. The India Meteorological Department had issued heavy rainfall warnings and a red alert remains in effect, complicating rescue operations due to poor weather and damaged access roads. The Indian Army, NDRF, SDRF, ITBP, and police forces have launched a massive rescue and relief effort

involving over 400 personnel, drones, rescue dogs, and helicopters to evacuate stranded civilians and tourists. So far, 274 people have been rescued, but hundreds remain stranded, especially in Gangotri. The disaster caused extensive damage to the local community and highlighted the urgent need for improved early warning systems and infrastructure resilience in the Himalayan region to manage climate-related risks more effectively. The state government continues coordinated efforts to ensure safety and rehabilitation amid ongoing heavy rains until August 12.

Private Sector Innovation Drives India's Space Sector Forward SHARE

07-Aug-25

Tonbo Imaging has recently announced the development of the Astra Remote Controlled Weapon System (RCWS), aiming to enhance precision and operational efficiency through advanced automated weaponry. The Astra RCWS features a modern turret with integrated optical systems and robust targeting capabilities adaptable to various environments. Expected to incorporate cutting-edge technology, including AI-driven targeting and real-time data integration, this system aligns with Tonbo's focus on innovation in defense solutions. The initiative reflects a significant step for India's defense modernization efforts by providing state-of-the-art remote weapon systems. Tonbo Imaging, known for its strategic defense technologies such as the WaveStrike high-power microwave directed energy weapon demonstrated at Aero India 2025, continues to advance indigenous defense capabilities with expert integration of AI and battlefield intelligence. The Astra RCWS is positioned to offer enhanced safety and effectiveness for military forces, potentially becoming a critical asset in future combat scenarios. The company has garnered significant investment recently, underscoring its growth and commitment to evolving defense technologies domestically and globally. Tonbo's expertise and latest funding fuel progress toward innovative, AI-enabled weapon systems designed for modern warfare dynamics.

India's third launch pad at ISRO to be ready by March 2029 SHARE

07-Aug-25

The Indian government has confirmed that the third satellite launch pad (TLP) at the Satish Dhawan Space Centre (SDSC) will be operational by March 2029, enhancing ISRO's capabilities significantly. Approved by the Union Cabinet in January 2025 with a budget of

approximately ₹4,000 crore, the TLP is designed to support Next Generation Launch Vehicles (NGLV) and enable the launch of heavier spacecraft, up to 30,000 tons into low Earth orbit, compared to the current capacity of 640 tons with the LVM-3. The project involves four milestones: completion of civil works by May 2028, establishment of fluid systems and propellant storage by July 2028, and launch pad facilities by September 2028. The initiative also emphasizes collaboration with Indian private players and MSMEs, reinforcing the government's commitment to 'Make in India' and Atmanirbhar Bharat. This infrastructure upgrade is crucial for advancing India's ambitions in military, scientific, commercial, and human spaceflight domains, including future missions like Gaganyaan and interplanetary exploration. The TLP will not only improve launch frequency and redundancy but also bolster India's position in the global space arena, showcasing its self-reliance and technological prowess in the rapidly evolving space sector.

Ambience Mall Gurugram Honors Armed Forces with "Humare Rakshak" Exhibit



07-Aug-25

Ambience Mall in Gurugram has launched "Humare Rakshak," an installation honoring the Indian Armed Forces and commemorating "Operation Sindoor" as part of India's 78th Independence Day celebrations. The exhibit showcases scale models of advanced defense systems like the S-400 missile launcher and aircraft including the Sukhoi Su-30MKI and Rafale, constructed from upcycled materials, promoting sustainability. This initiative not only pays tribute to the nation's defenders but also emphasizes values such as precision and resilience. By integrating interactive workshops on sustainability, Ambience Mall reinforces its commitment to combining design, national pride, and environmental consciousness in a culturally impactful manner.

Nayara Energy seeks Indian ships for fuel transport amid sanctions.



07-Aug-25

Nayara Energy, a Russia-backed private refiner sanctioned by the EU, is facing challenges in securing

vessels for transporting its refined fuels and has reached out to India's shipping ministry for assistance. The company is struggling to maintain operations due to contract terminations by shippers and is experiencing disruptions in critical services. The Indian government is considering arranging India-flagged vessels from local companies to support Nayara, while vessel owners are concerned about insurance coverage for these operations. This situation highlights the complexities of international sanctions and India's proactive approach in assisting domestic industries amidst geopolitical challenges.

WhatsApp removes 6.8 million accounts linked to scams, says Meta.



07-Aug-25

WhatsApp has deleted 6.8 million accounts linked to global criminal scam centers, according to Meta Platforms. These scams often employ sophisticated tactics, including the use of AI to create deceptive messages and lure victims through various digital platforms. Meta highlighted that these scams frequently originate from Southeast Asia and involve organized crime, which complicates detection efforts. To combat this issue, WhatsApp is launching new tools to help users identify scams, including alerts when unknown contacts add them to groups. This proactive approach is crucial in safeguarding users from increasingly complex and layered scam operations in today's digital landscape.

Passing Out Parade for 2,000 Agniveers at INS Chilka on Aug 8



07-Aug-25

The Passing out Parade (POP) of the sixth batch of Agniveers will take place at INS Chilka on 08 Aug 25, marking the successful completion of rigorous training for over 2,000 Agniveers, including 300 women. This event symbolizes a pivotal moment in their journey as they transition into capable sea warriors ready to serve in the Indian Navy. Vice Admiral Rajesh Pendharkar will review the parade, which will be attended by families, veterans, and sports personalities. The ceremony will also include the presentation of awards and the unveiling of a trainees' magazine, showcasing the Navy's commitment to fostering discipline and professionalism among its recruits.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
HIGHENE	594.0	614.4	576.0	614.4	6875	5.0	34.78	679.12	601.63
SWANDEF	337.65	337.65	337.65	337.65	884	5.0	99.99	220.95	33.55
CENTUM	2330.3	2468.8	2254.2	2405.9	64497	3.24	59.17	2276.52	1881.85
DCXINDIA	261.9	269.9	258.05	268.3	661008	2.54	47.02	269.11	297.82
AVANTEL	126.0	130.19	123.25	128.87	1140831	2.02	35.31	140.53	140.67
BHARATFORG	1128.0	1165.7	1102.0	1161.6	2555948	1.95	40.37	1197.79	1225.72
LMW	15350.0	15750.0	15075.0	15572.0	3810	1.41	45.59	15733.85	16088.17
URAVIDEF	507.6	508.0	494.5	500.0	4477	1.33	48.77	507.03	450.53
LOKESHMACH	211.5	216.92	208.17	214.46	77293	0.99	55.21	210.24	240.46
PARAS	642.0	657.4	633.0	649.65	471361	0.95	33.12	737.31	601.88
MAZDOCK	2764.0	2798.0	2721.1	2785.0	1259966	0.74	37.14	2905.39	2615.8
ZENTEC	1410.0	1460.0	1400.0	1434.7	262856	0.48	24.22	1705.0	1766.61
LT	3610.3	3649.0	3599.2	3641.6	1211790	0.36	58.0	3535.31	3504.84
HAL	4502.9	4560.0	4483.0	4550.6	719816	0.26	40.22	4657.38	4314.39
KRISHNADEF	802.3	814.9	799.0	804.0	20750	0.21	38.28	829.21	746.86
SUNITATool	699.0	712.0	695.0	701.0	2500	0.21	38.92	761.86	752.4
WALCHANNAG	185.0	190.0	182.0	183.59	63681	-0.17	27.74	203.55	223.77
DRONACHRYA	71.15	71.15	69.58	71.0	21000	-0.21	29.31	78.95	92.92
GOODLUCK	1031.5	1033.7	1004.8	1027.8	84839	-0.36	42.17	1096.55	898.97
IDEAFORGE	434.0	435.65	422.7	432.65	182875	-0.37	24.71	494.61	506.62
BEL	386.0	390.3	383.5	387.75	11520396	-0.5	43.18	395.26	320.92
BDL	1565.0	1584.0	1541.0	1568.0	993222	-0.58	27.34	1679.0	1397.12
CFE	588.1	595.0	588.1	591.75	21200	-0.64	37.07	632.6	583.83
MARINE	174.01	176.98	171.01	174.17	114824	-0.68	27.53	188.47	211.12
PTC	180.41	182.48	178.02	180.78	1357213	-0.69	45.1	187.93	166.74
DYNAMATECH	6542.5	6604.0	6426.0	6503.0	5099	-0.78	35.24	6916.55	7045.8
SOLARINDS	15020.0	15059.0	14595.0	14896.0	109095	-0.79	45.88	14790.95	12062.71
COCHINSHIP	1695.0	1713.6	1660.1	1692.7	676296	-0.84	29.17	1823.69	1611.19
APOLLO	179.7	183.0	175.1	179.19	4176375	-0.91	49.77	177.82	134.26
DATAPATTNS	2590.0	2626.9	2542.1	2569.6	192214	-1.02	39.2	2719.19	2334.19
NIBE	1601.45	1608.0	1510.25	1588.0	11528	-1.04	41.81	1644.02	1511.47
RTNINDIA	52.75	53.46	51.13	52.37	3645921	-1.06	32.84	57.91	55.08
PREMEXPLN	437.9	438.0	414.0	434.55	399814	-1.26	26.18	486.44	465.62
HBLPOWER	592.45	602.0	586.1	594.75	534611	-1.29	49.41	594.85	557.77
JYOTICNC	983.8	985.0	943.3	968.8	283146	-1.38	34.36	1026.08	1124.05
AZAD	1586.4	1593.0	1521.9	1563.5	269783	-1.44	49.29	1555.13	1571.11
BEML	3910.5	3953.1	3862.1	3890.9	200365	-1.56	35.46	4218.2	3709.26
AXISCADES	1379.0	1379.0	1316.7	1363.2	89428	-1.65	52.73	1352.18	864.09
SIKA	1160.0	1160.0	1130.5	1144.3	25134	-1.86	42.17	1198.48	736.02
GRSE	2587.0	2590.0	2501.0	2547.1	424286	-1.87	40.39	2612.26	1967.12
TANEJAERO	422.6	423.0	422.6	422.6	9618	-1.99	39.82	455.6	382.13
ASTRAMICRO	989.0	992.0	964.5	970.8	259545	-2.14	44.57	975.93	837.89
ADANIENIT	2290.0	2295.0	2202.8	2249.8	1529410	-2.2	22.82	2508.31	2459.57
MIDHANI	397.95	398.05	385.1	391.65	406422	-2.55	40.41	408.14	345.21
TECHERA	202.95	202.95	194.25	197.75	16000	-2.56	44.54	207.93	178.36
MTARTECH	1544.9	1544.9	1469.9	1488.6	150046	-4.04	44.44	1512.26	1549.51
RELINFRA	288.0	291.7	280.3	281.3	2525940	-4.66	28.86	348.47	292.31
MACPOWER	861.9	861.9	861.9	861.9	7389	-4.99	28.6	1016.54	1071.68
ROSSELLIND	69.75	69.75	66.0	67.03	93197	-5.83	45.73	68.37	72.33
TEMBO	0.0	484.6	477.3	477.3	14578	-12.07	46.24	490.94	578.7