



Defence Professionals News & Analysis

January 22, 2025 | Day 022

Top Gainers

Stock	Close	Prev	Change
TEMBO	725.9	699.65	+3.75%
PTC	148.29	144.54	+2.59%
BHARATFORG	1226.45	1201.65	+2.06%
TANEJAERO	400.65	397.15	+0.88%
CFF	665.0	659.5	+0.83%

Top Losers

Stock	Close	Prev	Change
ZENTEC	1974.2	2144.9	-7.96%
PREMEXPLN	453.0	482.75	-6.16%
BDL	1217.1	1280.4	-4.94%
NIBE	1494.6	1566.65	-4.6%
MTARTECH	1611.6	1682.9	-4.24%

Defense Business and Industry

India's 120-Second Scramjet Test Marks Hypersonic Tech Breakthrough



22-Jan-25

India has achieved a significant milestone in hypersonic technology with the successful 120-second ground test of an active-cooled scramjet combustor by DRDL, part of the DRDO. This groundbreaking accomplishment includes the development of indigenous endothermic scramjet fuel and a specialized thermal barrier coating to enhance performance under extreme conditions. This advancement positions India among a select group of nations capable of developing operational hypersonic missiles, alongside the U.S., Russia, and China. The implications of this technology are profound for national defense, allowing for rapid, precise strikes and enhancing India's strategic capabilities on the global stage, thereby reinforcing its position in modern military strategy. This achievement reflects the country's dedication to advancing its defense sector through indigenous innovation and collaboration with private industry.

HAL Heads to US for GE-414 Engine Talks, Aiming March Deal



22-Jan-25

Hindustan Aeronautics Limited (HAL) is set to negotiate a deal for the GE-414 engine with the US, aiming for finalization by March. This engine will significantly enhance the capabilities of India's indigenous LCA Mark 2, which is designed to replace older fighter jets like the Mirage-2000 and MiG-29. The deal currently covers 99 engines, with a potential

increase if selected for India's fifth-generation aircraft program. The high level of technology transfer from GE Aerospace is expected to boost India's defense manufacturing capabilities, essential for overcoming current supply chain challenges affecting the LCA Mark 1A and 2 projects.

Navy's tableau to highlight indigenisation and three-dimensional force



22-Jan-25

The Indian Navy's tableau will highlight its transformation into a three-dimensional force during the upcoming event, showcasing the recent commissioning of three indigenously-built warships: INS Surat, INS Nilgiri, and INS Vaghsheer, by Prime Minister Modi. This tri-commissioning marks a significant milestone in India's maritime capabilities, with a focus on self-reliance under the Aatmanirbhar Bharat initiative. INS Surat, a guided missile destroyer, INS Nilgiri, a stealth frigate, and INS Vaghsheer, a Scorpene-class submarine, illustrate India's growing expertise in naval construction and enhance its operational readiness in the Indian Ocean Region. The event underscores India's commitment to safeguarding its maritime interests and regional security.

Safran India aims for 70% revenue surge from Gaganyaan and defense contracts.



22-Jan-25

Safran India's unit anticipates a nearly 70% revenue increase by 2025, driven by contracts related to India's Gaganyaan human spaceflight mission and other defense engagements. The company's regional director indicated that private-sector participation in India's defense and space sectors, bolstered by the

government's "Make In India" initiative, is pivotal for growth. Safran's strategic shift includes relocating some European manufacturing to India to capitalize on rising opportunities, with projections indicating significant revenue contributions from the space sector, expected to rise from 300 million rupees in 2024 to 800 million rupees in 2025. This reflects India's growing prominence in the global aerospace landscape amidst geopolitical shifts.

India Set to Sell BrahMos Missiles to Boost Indonesia's Defense

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22-Jan-25

India is poised to announce a \$450 million deal to sell BrahMos supersonic cruise missiles to Indonesia during Indonesian President Prabowo Subianto's visit, strengthening Southeast Asian defense amid rising tensions in the South China Sea. This potential sale marks Indonesia as the second country, after the Philippines, to acquire these advanced missiles, which have a range of 380 kilometers. The deal, underpinned by a decade of negotiations, reflects Indonesia's interest in technology transfer for self-sufficiency in military supplies. As emerging markets seek to enhance military capabilities amidst geopolitical shifts, this partnership underscores India's growing role in regional defense collaborations.

From Mules to AI Robots: Indian Army's Logistical Revolution

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22-Jan-25

The Indian Army is evolving its logistical capabilities by transitioning from traditional pack mules to AI-powered robotic Multi-Utility Legged Equipment (MULE) robots, showcased at the Army Day Parade in Pune. This modernization aims to enhance efficiency in delivering supplies across challenging terrains, especially in the Himalayas. While the robotic MULEs promise significant advantages, such as reduced risk to human life and improved operational capacity, they evoke nostalgia among veterans who cherish the bond forged with mules over decades. This shift represents both a technological advancement and the bittersweet end of a storied chapter in military logistics, balancing innovation with a sense of loss for traditional practices.

Armory Launches SURGE: An Innovative In-House Drone Jammer

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22-Jan-25

Armory, a promising defense tech startup, is set to unveil its innovative drone jammer, SURGE, at an upcoming defense expo, marking its entry into the

counter-drone technology sector. Developed in-house by a skilled team, SURGE aims to detect, track, and neutralize unauthorized drones, responding to the growing demand for counter-unmanned aerial systems as the drone market expands. Operating across multiple frequency bands commonly used by commercial drones, this solution positions Armory to compete with established players while offering tailored security solutions. This development underscores India's commitment to advancing indigenous defense capabilities and enhancing national security in a rapidly evolving technological landscape.

India Joins Eurodrone as Observer, Boosting Defense Ties

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22-Jan-25

India has been welcomed as an observer in the Eurodrone programme by Airbus, highlighting its growing defense ties with Europe. This status allows India to monitor the project's progress and explore future collaboration in advanced UAV technology, potentially enhancing its own drone capabilities like the indigenous Tapas UAV. The Eurodrone, designed for surveillance and reconnaissance, aligns with India's strategic needs as it modernizes its aerial surveillance capacities. This development fosters stronger ties between India and key European nations, paving the way for deeper defense cooperation and mutual strategic interests in the Indo-Pacific region and beyond.

Indian Army Upgrades to Sako TRG 42, Phasing Out Dragunov

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22-Jan-25

The Indian Army is phasing out the Dragunov sniper rifles in favor of the advanced Sako TRG 42, which utilizes .338 Lapua Magnum cartridges, significantly enhancing range and precision from 1,200 meters to 1,500 meters. This modernization effort reflects the Army's commitment to adapt to evolving combat scenarios, ensuring snipers have superior accuracy with the TRG 42's sub-minute of angle capability. The transition includes training for snipers to master the new rifle's ballistics, with the first batch having been received in 2022. This strategic upgrade underscores India's focus on enhancing its defense capabilities and readiness in contemporary warfare.

L&T Nexter Unveils TRAJAN: A Strong Bid for India's Towed Guns



22-Jan-25

The L&T Nexter consortium has launched the TRAJAN, a cutting-edge 155mm/52cal towed howitzer, as a strong contender for the Indian Army's Towed Gun System tender, enhancing India's artillery capabilities with a locally manufactured solution. With 40% of its components produced in India, TRAJAN exemplifies the country's push towards self-reliance in defense production. The system has undergone extensive trials, demonstrating superior firepower, rapid response, and maneuverability, which are essential in modern warfare. Furthermore, TRAJAN's recent export deal with Armenia highlights its international appeal and India's growing position as a military hardware exporter, showcasing the potential of Indian defense innovation on the global stage.

India's BrahMos Dependency: Urgent Need for Cost-Effective Alternatives



22-Jan-25

India's defense strategy heavily relies on the BrahMos supersonic cruise missile, praised for its speed and precision but raising concerns about sustainability and cost-effectiveness given its \$5-\$9 million price tag. With vast border responsibilities, the Indian military faces challenges in deploying these expensive systems in large numbers, prompting discussions on the need for affordable indigenous alternatives. While projects like the Nirbhay and Pralay missiles aim to fill this gap, delays and integration issues persist. Additionally, global alternatives often do not meet India's specific requirements, underscoring the importance of self-reliance in defense capabilities amidst geopolitical constraints.

Can India Buy F-35A Jets with \$25 Billion MRFA Budget?



22-Jan-25

India's Medium Role Fighter Aircraft (MRFA) tender is pivotal for modernizing the Indian Air Force with advanced multirole jets, including the F-35A Lightning II. With a \$25 billion budget, India could face challenges acquiring the F-35A, estimated at \$200 million each when considering lifecycle costs and infrastructure, potentially limiting the purchase to 95 jets after accounting for necessary support systems. In contrast, more affordable contenders like the Rafale and F/A-18 could allow India to acquire up to 140 units. The F-35A's unmatched stealth and capabilities present advantages, but interoperability with existing Russian-origin aircraft

poses significant logistical hurdles that India must navigate for effective integration into its fleet.

Sisir Radar Wins iDEX for Advanced SAR Systems Enhancing IAF's Capabilities



22-Jan-25

Sisir Radar has achieved a significant milestone by winning two iDEX challenges for developing advanced L-band and P-band Synthetic Aperture Radar (SAR) systems, along with an innovative Unfurlable Dual Band Reflector Antenna for the Indian Air Force (IAF). These systems enhance all-weather, day-and-night imaging capabilities, allowing for superior surveillance and reconnaissance, crucial for the IAF in a complex security landscape. The innovative antenna design not only optimizes deployment from smaller launch vehicles but also boosts performance through larger apertures. This advancement underscores India's commitment to indigenous defense technology and bolsters the IAF's operational effectiveness against evolving threats.

IAF Focuses on Land-Based Hypersonic Missiles Amid Development Challenges



22-Jan-25

The Indian Air Force (IAF) is focusing on developing land-based hypersonic missile systems due to challenges in miniaturizing these advanced weapons for air-launch. Current hypersonic missiles are too heavy for aircraft deployment, with effective miniaturization possibly taking over two decades. The IAF is leveraging hybrid solutions like the Rudram III missile to address immediate threats while the Defence Research and Development Organisation (DRDO) works on hypersonic technologies. Despite these challenges, the IAF remains committed to enhancing its capabilities, recognizing hypersonic systems' strategic importance in modern warfare. This strategic emphasis reflects India's proactive approach to evolving defense technologies amid global advancements.

ADA to Fast-Track TEDBF with F-414 Engines by Late 2028



22-Jan-25

The Aeronautical Development Agency (ADA) plans to expedite the Twin Engine Deck-Based Fighter (TEDBF) program by initially equipping it with the proven General Electric F-414 engine, ensuring rollout by late 2028. This strategy mitigates potential delays associated with developing a new engine, as the F-414 engine is already

used in the Tejas MkII and AMCA MkI. The ADA also foresees the possibility of integrating an indigenous 110 kN engine from GTRE in future production batches, enhancing the TEDBF's capabilities. This dual approach underscores India's commitment to timely delivery while fostering indigenous technological advancements in defense aviation.

Indigenous Innovation Keeps India's Jaguars Flying Amid Spare Parts Shortage



22-Jan-25

The Indian Air Force (IAF) effectively keeps its SEPECAT Jaguar fleet operational despite global spare parts shortages, showcasing India's commitment to self-reliance in defense technology. Key players in this effort include MIDHANI, which manufactures critical components for the Jaguar's engines using advanced forging techniques, and GTRE, which provides essential technical support for reverse-engineering non-available parts. HAL oversees the Jaguar's maintenance and upgrades, integrating resources from MIDHANI and GTRE to ensure continuous efficiency. This achievement underscores India's capability in indigenous innovation, enhancing national security while reinforcing the importance of domestic defense industry collaboration.

Urgent Drishti 10 Starliner Purchase: A Bold Defense Move



22-Jan-25

The Indian Navy and Army's decision to urgently procure the Drishti 10 Starliner UAVs from Adani Defence and Aerospace, bypassing comprehensive trials, has come under scrutiny following a costly crash due to a technical failure. Despite the aim to enhance surveillance capabilities, critics argue this haste undermines operational readiness and safety, emphasizing a potential lapse in due diligence. The incident raises concerns about relying on untested technologies and the implications of such procurement practices on military efficacy. However, it also highlights India's commitment to bolster its defense capabilities swiftly in a rapidly evolving security environment. Such decisions reflect the urgent need for modernization in defense procurement processes.

Defense Policy and Budgeting

EU Leaders Echo Trump's Call for Increased Defense Spending



22-Jan-25

The EU's top diplomat and Polish Prime Minister echoed Donald Trump's demand for increased defense spending amid the ongoing threat from Russia, urging EU nations to take their security more seriously. They highlighted the need for Europe to boost military budgets, now suggested to rise from 2% to 5% of GDP, to effectively support Ukraine and deter Russian aggression. Kaja Kallas emphasized that strong defense is vital not just for Ukraine but for EU security as a whole, warning of potential challenges ahead if investments fall short. The EU aims to enhance its military capabilities and strengthen ties with the UK for a coordinated defense strategy.

Geopolitics and Security Alliances

Bangladesh seeks global backing to extradite Hasina from India.



22-Jan-25

Bangladesh's interim government has vowed to seek international support to extradite deposed Prime Minister Sheikh Hasina from India, arguing that failing to do so would violate the extradition treaty between the two nations. Hasina, who fled following student-led protests, faces arrest warrants for crimes against humanity. The interim government has raised concerns about attacks on minorities in Bangladesh, while India remains apprehensive about the political character of the extradition request, which could complicate diplomatic relations. The situation underscores the fragile stability in the region, and India must navigate these tensions to maintain its influence and support for democratic governance in Bangladesh.

Israeli Ambassador Appreciates India's Support for Self-Defense



22-Jan-25

The Israeli ambassador to India, Reuven Azar, expressed gratitude for India's support of Israel's right to self-defense following a ceasefire agreement with Hamas in Gaza, aimed at halting 15 months of conflict after the October 7 attack. India welcomed the ceasefire, emphasizing the need for humanitarian assistance in Gaza and advocating for direct peace negotiations towards a two-state solution. Azar further

condemned Hamas and Iran's actions, asserting that peace is unattainable if Hamas is allowed to rearm. This situation highlights India's diplomatic balancing act in the region, supporting Israel while advocating for humanitarian considerations and a peaceful resolution to the Israel-Palestine conflict.

India and France Boost Maritime Security in Indian Ocean Region SHARE

22-Jan-25

India and France are enhancing their maritime security cooperation in the Indian Ocean Region, particularly as India prepares to chair the Indian Ocean Rim Association (IORA) in 2025. At a recent Maritime Cooperation Dialogue, both nations agreed to conduct a joint threat assessment to combat issues like piracy, armed robbery, and illegal fishing, while also addressing cybersecurity threats and marine pollution. This collaboration underscores India's strategic partnership with France, which has significant interests in the region, and aims to ensure free access to key maritime routes. The discussions also serve as a precursor to Prime Minister Modi's visit to France for the upcoming AI Summit in February.

China's Navy Boosts Power with New Frigate Amid US Competition SHARE

22-Jan-25

China's navy has commissioned the new Type 054B frigate, the Luohe, enhancing its capabilities amid rising competition with the U.S. and regional powers. While boasting the world's largest navy, China's technology is often considered lagging; nonetheless, the Luohe's advanced stealth and combat systems aim to bolster its naval task forces. Despite simulated clashes suggesting potential losses against the U.S. Navy, China is expanding its naval operations globally, challenging territorial claims in the East China Sea and beyond. This development underscores the growing assertiveness of the People's Liberation Army Navy in strategic waters, highlighting the need for India to strengthen its own naval capabilities in the face of such regional dynamics.

EAM Jaishankar and US NSA Waltz aim for strong defense ties SHARE

22-Jan-25

India's External Affairs Minister S. Jaishankar recently met US National Security Adviser Michael Waltz in Washington, emphasizing a desire for an active, outcome-oriented partnership. This meeting highlighted the strengthening bilateral ties amidst global

challenges. Jaishankar's discussions with Waltz, a retired Army colonel and vocal advocate for increased defense collaboration, signal a possible enhancement in Indo-US relations, particularly in defense and security. As both nations navigate geopolitical tensions, particularly in the Indo-Pacific, this engagement represents India's proactive stance in fostering alliances that ensure stability and mutual benefit. Such collaboration could further solidify India's strategic positioning on the global stage.

Trump May Grant India NATO-Like Status for U.S. Arms Access SHARE

22-Jan-25

President Trump is considering elevating India to NATO-equivalent status for U.S. weapons procurement, potentially allowing India to bypass stringent approval processes and access advanced military hardware like the F-35A Lightning II. This shift could significantly enhance the Indian Air Force's capabilities, addressing challenges in fleet modernization and air superiority against threats like China. The elevation would facilitate co-production and technology sharing under initiatives like Make in India, bolstering India's defense manufacturing sector. However, the implementation hinges on the political climate in both nations, alongside considerations of costs and long-term support structures for new acquisitions.

China's Hypersonic Missile: A New Challenge for India's Air Force SHARE

22-Jan-25

China's recent development of a hypersonic air-to-air missile (HAAM) poses a significant challenge to India's air defense capabilities, particularly threatening high-value assets like AWACS. This missile, capable of speeds exceeding Mach 5, may outpace India's current air defense systems, necessitating urgent upgrades or new technologies to counter such threats. The Indian Air Force must consider new strategies for asset protection and may accelerate its hypersonic technology development through initiatives with organizations like DRDO. This advancement could also intensify the regional arms race in hypersonic weaponry, compelling India to strengthen defense ties with allies such as the US to enhance its technological capabilities.

Quad Foreign Ministers Unite in Washington to Address China Threat



22-Jan-25

The Quad foreign ministers from the U.S., Australia, India, and Japan convened in Washington, reaffirming their commitment to a Free and Open Indo-Pacific amid rising concerns over China's assertiveness. The meeting, coinciding with the inauguration of President Trump, emphasizes countering China's influence and maintaining regional sovereignty. Japan is increasing its defense capabilities, reflecting regional security tensions, while Australia seeks assurances regarding the AUKUS defense project. The Quad's collaborative stance signals a unified approach among member nations to address security challenges in the Indo-Pacific, countering perceptions of a Cold War construct as dismissed by China. This strategic alliance enhances India's role in regional geopolitics and defense cooperation.

intelligence, took place in areas including Churachandpur and Kangpokpi, resulting in the seizure of various firearms and explosives. This effort underscores the commitment of Indian defense forces to combat violence and ensure law and order following escalated conflicts between the Meitei and Kuki communities. Furthermore, the recent apprehension of individuals with a substantial amount of illegal drugs emphasizes the multifaceted challenges faced by security forces in the region.

Indian Army Shoots Down Pakistani Drone Over Poonch Border



22-Jan-25

Army troops in Jammu and Kashmir's Poonch district fired upon a Pakistani drone that crossed the Line of Control (LoC) early Wednesday. The drone, which hovered near the border fence, retreated back to Pakistan-occupied Kashmir after the troops discharged nearly a dozen rounds. Following this incident, a search operation was initiated at daybreak to investigate potential airdrops of weapons or narcotics. This incident underscores the vigilance of Indian forces in safeguarding the border, reaffirming India's commitment to national security and the proactive measures taken to counter threats from across the LoC.

Military Operations

Israeli Operation in West Bank Claims 9 Lives, Wounds 40



22-Jan-25

A significant Israeli military operation in the occupied West Bank resulted in the deaths of at least nine Palestinians and injured around 40 others, amid ongoing tensions despite a ceasefire in Gaza. This operation highlights the complexities of the situation, as the ceasefire with Hamas does not extend to the West Bank, where Israeli forces continue their operations against militant activities. The resignation of Israel's top general over security failures further underscores the challenges Israel faces in maintaining control and stability in the region. Overall, this situation emphasizes the difficulties in achieving lasting peace and security amidst ongoing hostilities and geopolitical tensions.

Indian Army and Police Seize Weapons in Manipur Operations



22-Jan-25

The Indian Army, in collaboration with Manipur Police and other security forces, has successfully recovered a significant cache of weapons and ammunition during operations across four districts in Manipur, highlighting their proactive stance in maintaining security amid ongoing ethnic tensions. The operations, based on

Terrorism and Counterterrorism

Two militants nabbed in Manipur, boosting regional security efforts.



22-Jan-25

Two militants were arrested in separate operations in Imphal East district, Manipur, highlighting ongoing security efforts in the region. An active member of the banned Peoples' Liberation Army (PLA), Yengkhom Bhogen Singh (50), was apprehended, along with Pukhrambam Thoiba Singh (38) from the proscribed Kangleipak Communist Party (MFL). These arrests underscore the Indian security forces' commitment to combating insurgency and maintaining peace in sensitive areas. Such actions are crucial for stabilizing the region and reinforcing the government's resolve against separatist movements, showcasing the effectiveness of local law enforcement in addressing militant threats.

Security forces in Bijapur recover 8 IEDs planted by Maoists. SHARE

22-Jan-25

Security forces in Chhattisgarh's Bijapur district successfully recovered eight IEDs planted by Maoists during a demining operation, averting potential disasters. These explosives, each weighing five kilograms and set with pressure switches, were found along roads frequently used by security personnel in the Bastar region, known for its Maoist activity. This incident highlights the ongoing threat of IEDs in the area, which have previously resulted in civilian and security force casualties. The proactive measures taken by the District Reserve Guard, CRPF, and CoBRA units underscore the Indian security forces' commitment to safeguarding both personnel and local communities against such insurgent tactics.

14 Naxals Neutralized in Major Operation on Odisha-Chhattisgarh Border SHARE

22-Jan-25

Union Home Minister Amit Shah announced the successful neutralization of 14 Naxalites in a joint operation by the CRPF, SoG Odisha, and Chhattisgarh Police along the Odisha-Chhattisgarh border. He hailed this as a significant blow to Naxalism, reiterating the government's commitment to achieving a Naxal-free India. The operation underscores the collaborative efforts of security forces in combating Maoist insurgency, reflecting an aggressive stance against such threats. This success is a testament to the strategic focus on enhanced coordination among security agencies, strengthening internal security, and maintaining peace in affected regions, ultimately contributing to national stability and development.

Cybersecurity and Information Warfare

India's digital transformation excels, but cybersecurity lags behind SHARE

22-Jan-25

India's digital transformation in the workplace is progressing rapidly, with a maturity score of 64.6%, outpacing developed nations and the global average. A survey by Zoho Workplace highlights that while 71% of Indian employees are at advanced maturity levels, the country faces challenges in cybersecurity readiness, with only 37% of organizations providing training to their employees and just 25% reporting cyber incidents effectively. Despite this, India excels in adopting

advanced authentication measures, with 63% of organizations implementing them—significantly higher than the global average. The need for government institutions and enterprises to reassess digital strategies to address cybersecurity gaps is crucial, as many organizations still rely on manual task delegation and have low adoption rates for automated systems. As Indian professionals actively engage in digital transformation, the country is on the verge of reaching advanced maturity in workplace technologies, driving operational efficiency and collaboration. The findings suggest that while India is leading in certain areas, there's an urgent need to bolster employee cybersecurity preparedness to fully leverage the benefits of digital tools and processes in the coming decade.

IndiaAI Selects 20 Teams for Next Phase of CyberGuard Hackathon SHARE

22-Jan-25

IndiaAI has shortlisted 20 teams for stage 2 of the CyberGuard Hackathon, a strategic initiative aimed at enhancing cybersecurity through advanced AI technologies. The hackathon received 263 submissions from diverse institutions, reflecting a strong commitment to addressing the escalating threat of cybercrime, with approximately 6,000 cases reported daily. This initiative aligns with the Indian government's vision to leverage AI for inclusive growth, bolster the nation's global leadership in AI, and foster technological self-reliance. By promoting collaboration among academia, startups, and civil society, the CyberGuard Hackathon exemplifies India's proactive approach to mitigating cyber threats and advancing citizen welfare.

Mil Personnel & Veterans

Rajnath Singh Launches New Sainik School in Kerala for Future Leaders SHARE

22-Jan-25

Raksha Mantri Rajnath Singh inaugurated the Vidyadhiraja Vidyapeetom Sainik School in Alappuzha, Kerala, as part of a plan to establish 100 new Sainik Schools aimed at enhancing the quality of education and promoting values like discipline and selfless service among students. He emphasized the importance of combining education with physical and moral training, which prepares youth for military careers and national service. The initiative also focuses on empowering girls, aligning with the government's vision of a developed India by 2047, leveraging modern

education to create strong, patriotic citizens. This strategic move underscores India's commitment to self-reliance and development across various sectors.

Miscellaneous

Vice President Warns of Demographic Disruption from Illegal Migration



22-Jan-25

Vice President Jagdeep Dhankhar emphasized the growing threat of demographic disruption during a recent interaction with students, asserting that illegal migration, which has reached unmanageable levels, strains India's resources and undermines nationalism. He advocated for the implementation of a Uniform Civil Code (UCC), arguing that it is constitutionally mandated and crucial for national integrity. Dhankhar highlighted the need for each governmental institution to function within its defined roles to uphold constitutional order, while also condemning public disorder and property destruction. He called for urgent action to address illegal migration and stressed the need for quality political leadership to foster constructive dialogue in governance.

India Hails Neutral Expert's Ruling on Indus Waters Treaty



22-Jan-25

India has welcomed the Neutral Expert's recent decision regarding the Indus Waters Treaty, affirming its legal standing on the Kishenganga and Ratle hydroelectric projects. The Ministry of External Affairs highlighted the Neutral Expert's competence in addressing disputes under the Treaty and reiterated India's commitment to its integrity. India will continue to engage in the Neutral Expert process, rejecting the unauthorized Court of Arbitration proceedings. This development underscores India's principled approach to water-sharing agreements, emphasizing adherence to international legal frameworks while ensuring national interests are safeguarded, particularly in the context of transboundary river management.

Navi Technologies faces Rs 14 crore loss from payment fraud.



22-Jan-25

Sachin Bansal's fintech startup, Navi Technologies, has suffered a significant loss of Rs 14.26 crore due to a payment gateway fraud that exploited a vulnerability in its third-party payment system. Between December 10

and 24, 2024, fraudsters manipulated transaction amounts, allowing them to pay only minimal fees while Navi was charged the full amount. The Bengaluru-based company's vigilance team detected these irregularities, leading to a police investigation. This incident highlights the persistent risks in digital financial systems, emphasizing the need for robust cybersecurity measures in the fintech sector to protect against such vulnerabilities and safeguard investments.

India Monitors US Energy Policies Amid Trump's Oil Production Plans



22-Jan-25

Union Minister Hardeep Singh Puri emphasized that India is closely monitoring US energy policies following President Trump's remarks about increasing oil production to combat inflation. He highlighted the global increase in oil supply, noting that more energy is available from sources like Guyana, Suriname, and Brazil. Puri mentioned India's energy procurement strategy is diversifying, with significant gas purchases from the US and an interest in importing LNG from Argentina. This strategic focus on energy security and diversification is crucial for India as it positions itself as a future global engineering hub, reflecting its growing demand for energy resources.

Rajnath Singh, Akshay Kumar Attend Screening of 'Sky Force'



22-Jan-25

Defence Minister Rajnath Singh attended a special screening of the film "Sky Force," which portrays India's decisive retaliatory strike on Pakistan's Sargodha airbase during the 1965 Indo-Pakistani war. The film features Akshay Kumar, Veer Pahariya, and other noted actors, emphasizing the valor of Squadron Leader Ajjamada Boppayya Devayya. Singh's presence, along with CDS General Anil Chauhan, underscores the importance of such narratives in inspiring future generations. Veer Pahariya expressed his hope that the film would motivate the youth, akin to the impact of Hrithik Roshan's "Lakshya." This initiative reflects India's commitment to honoring its military history through popular culture.

Mamata Banerjee: BSF Must Secure India-Bangladesh Border



22-Jan-25

West Bengal Chief Minister Mamata Banerjee has reiterated the responsibility of the Border Security Force (BSF) in protecting the India-Bangladesh border, especially after recent clashes near a BSF outpost in

Malda district. She advised locals to avoid border areas during tensions and called for vigilance against potential infiltrators. Banerjee, however, has accused the BSF of enabling infiltration, suggesting this is part of a central government agenda to destabilize the state, a claim the BSF has dismissed. The situation underscores the critical balancing act between maintaining border security and fostering positive relations with Bangladesh, emphasizing the need for effective coordination between state and central forces.

NIOT Unveils World's First Deep-Sea Feeding System for Aquaculture SHARE

22-Jan-25

The National Institute of Ocean Technology (NIOT) has achieved a significant milestone by successfully testing the world's first deep-sea feeding system for aquaculture at depths of 10 meters, surpassing existing technologies that operate at shallower depths. This innovative system uses a water ejector mechanism, leveraging seawater to reduce energy consumption and enhance feeding efficiency, making it suitable for harsh marine environments. NIOT's advancement not only positions India as a leader in aquaculture technology but also has the potential to globally transform fish farming practices by enabling operations in challenging conditions, thus contributing to the sustainability of the aquaculture industry.

CAG Report Reveals Critical Water Shortages in Military Bases SHARE

22-Jan-25

A recent CAG audit reveals severe water supply shortages at Indian military installations, with 15 of 20 Garrison Engineers delivering less water than authorized, leading to deficits of up to 62.97%. The report highlights ineffective agreements with external water utilities, resulting in significant financial losses due to water leakage, estimated at ₹11.53 crore over three years. Urgent reforms in water management practices are necessary, including better monitoring and investment in infrastructure. The Ministry of Defence is expected to take corrective measures to enhance operational readiness and soldier welfare, emphasizing the importance of reliable water supplies in maintaining national defense capabilities.

Portrait Vanishes at Pentagon, Sparks Military Leadership Concerns SHARE

22-Jan-25

The recent disappearance of retired General Mark Milley's portrait from the Pentagon, following President

Trump's inauguration, has sparked concerns over potential upheavals within U.S. military leadership. With Pete Hegseth, a proponent of reducing the number of senior officers, likely to implement a comprehensive review of military staff, anxiety grows about sweeping personnel changes. Hegseth's willingness to evaluate top brass, including General C.Q. Brown, signals a shift towards meritocracy in military leadership. This situation reflects deeper tensions between Trump and Milley, highlighting challenges in maintaining stability within military ranks amidst political dynamics. Such developments underscore the evolving nature of U.S. defense strategies and organizational structure.

Republic Day 2025 to Showcase India's Diversity and Progress SHARE

22-Jan-25

India will showcase the cultural diversity and progress of its 16 States/UTs and 10 Ministries during the 76th Republic Day Parade on January 26, 2025, under the theme "Swarnim Bharat: Virasat Aur Vikas." Each tableau will highlight unique aspects such as Goa's heritage, Punjab's wisdom, and Uttar Pradesh's Mahakumbh 2025. The Ministries will present themes reflecting India's journey in areas like social justice, renewable energy, and women's empowerment. This celebration not only honors India's rich heritage but also emphasizes its commitment to sustainable development and inclusivity, reinforcing the nation's path towards a glorious future.

Tri-Services Tableau to Showcase 'Shashakt aur Surakshit Bharat' at 2025 Republic Day Parade SHARE

22-Jan-25

For the first time, a Tri-Services tableau will participate in the 2025 Republic Day Parade, themed "Shashakt aur Surakshit Bharat," reflecting India's commitment to jointness and integration in its Armed Forces. It will showcase a battlefield scenario with platforms like the indigenous Arjun Main Battle Tank and Tejas MKII, emphasizing multi-domain operational synergy. Declared the Year of Reforms, 2025 will focus on enhancing military capabilities through shared responsibilities among the Services, strengthening national security. This initiative underscores India's vision for Aatmanirbharta in defense while positioning the military for contemporary and future challenges, fostering a unified approach toward safeguarding national interests.

Rajnath Singh Advocates for Equitable and Sustainable Development



22-Jan-25

Raksha Mantri Shri Rajnath Singh emphasized the need for inclusive, equitable, and environmentally sustainable development in India while addressing the 90th birth anniversary of environmentalist Sugathakumari. He highlighted the importance of behavioral changes towards sustainability, citing government's green initiatives like Mission LiFE and the National Green Hydrogen Mission. Singh underlined India's commitment to climate justice despite being a minimal contributor to global warming, showcasing improvements in forest coverage. He called for a collective approach to tackle climate adaptation challenges, stressing that the right to a healthy environment is a fundamental right, and urged the preservation of ancestral wisdom for future generations.

Army Hospital R&R performs India's first LVAD implantation with HeartMate

3. SHARE

22-Jan-25

The Army Hospital (Research & Referral) in Delhi has achieved a significant milestone by performing India's first-ever Left Ventricular Assist Device (LVAD) implantation using the HeartMate 3 device in a government institution, marking a historic achievement for the Armed Forces Medical Services. This procedure was successfully conducted on a 49-year-old wife of an Armed Forces veteran, who had been on the waitlist for a heart transplant for over two years. The HeartMate 3 device, known for its advanced technology, serves as a life-saving option for patients with end-stage heart failure. This accomplishment underscores the hospital's commitment to providing cutting-edge medical care and enhances the reputation of the Armed Forces in the healthcare domain.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
TEMBO	723.0	734.6	671.6	725.9	108031	3.75	44.28	792.06	427.55
PTC	144.54	148.9	142.1	148.29	2164323	2.59	51.33	142.54	196.76
BHARATFORG	1210.95	1229.1	1186.05	1226.45	1450962	2.06	42.72	1248.05	1461.49
TANEJAERO	404.0	404.0	387.0	400.65	10439	0.88	43.18	412.25	492.02
CFE	652.0	670.0	640.0	665.0	13200	0.83	46.27	680.63	642.53
ADANIENT	2399.0	2399.0	2325.15	2376.55	1147334	-0.33	44.67	2451.8	2931.79
GRSE	1548.65	1552.5	1467.75	1542.65	479181	-0.4	48.78	1548.36	1647.97
LT	3563.0	3582.35	3490.1	3518.2	1626055	-0.65	41.87	3576.46	3610.8
HBLPOWER	552.0	553.85	530.65	545.75	976210	-1.11	37.88	585.93	572.79
BEML	3680.0	3697.5	3546.45	3614.15	154921	-1.61	37.97	3826.55	4023.36
HIGHENE	570.55	579.45	552.0	567.35	14886	-1.67	34.61	610.44	718.95
MARINE	232.9	232.9	217.85	225.4	161531	-1.7	36.74	247.95	207.06
LMW	16513.95	16514.05	15917.4	16065.45	1837	-1.84	41.13	16567.76	16317.45
AZAD	1646.75	1652.95	1570.0	1603.7	89197	-1.89	41.97	1709.12	1581.42
MIDHANI	331.1	332.45	316.5	325.1	242048	-1.92	44.59	331.84	403.62
DCXINDIA	359.7	359.7	339.0	348.35	512120	-2.3	47.29	360.95	340.33
ROSSELLIND	72.0	72.0	69.0	70.21	16024	-2.32	31.68	74.72	336.34
AVANTEL	142.89	142.95	136.61	138.66	855897	-2.45	39.53	146.48	-
PARAS	1060.0	1060.0	1014.05	1032.5	118303	-2.61	49.34	1025.43	1066.25
MAZDOCK	2355.0	2367.15	2217.0	2287.75	2433006	-2.73	50.63	2248.31	2033.11
LOKESHMACH	317.1	317.1	302.1	306.55	30645	-2.82	42.68	314.22	388.8
SIKA	2410.0	2414.95	2311.0	2347.6	1217	-2.84	39.0	2475.81	2592.22
KRISHNADEF	728.6	728.6	705.0	709.6	17750	-2.86	43.73	753.0	683.58
SOLARINDS	9604.0	9656.95	9080.0	9300.55	52019	-2.94	40.85	9630.55	10186.08
COCHINSHIP	1515.95	1516.95	1440.0	1462.05	403472	-3.07	46.1	1496.19	1766.91
BEL	279.0	279.3	266.3	270.35	21272549	-3.1	40.42	282.11	285.91
ASTRAMICRO	770.0	770.0	731.55	738.8	175989	-3.18	41.63	767.44	818.56
APOLLO	145.85	145.85	133.55	139.6	10491087	-3.24	62.34	125.83	107.04
IDEAFORGE	567.0	572.0	543.0	552.25	87332	-3.45	38.58	588.79	679.78
HAL	4078.0	4078.0	3820.0	3903.45	2506920	-3.64	39.78	4071.16	4512.35
DATAPATNS	2289.5	2291.2	2150.0	2199.95	144877	-4.19	41.03	2332.92	2709.78
MTARTECH	1667.6	1670.05	1598.6	1611.6	167123	-4.24	43.76	1673.26	1784.72
NIBE	1566.65	1566.65	1488.35	1494.6	39284	-4.6	34.18	1621.97	1759.58
BDL	1276.0	1280.3	1196.65	1217.1	1220946	-4.94	52.4	1181.61	1237.77
PREMEXPLN	472.0	484.0	446.3	453.0	101423	-6.16	40.55	495.97	541.03
ZENTEC	2145.0	2148.95	1930.9	1974.2	780773	-7.96	33.4	2351.67	1599.39