



Defence Professionals News & Analysis

February 03, 2025 | Day 034

Top Gainers

Stock	Close	Prev	Change
SIKA	2290.0	2236.65	+2.39%
ROSSELLIND	69.51	68.97	+0.78%
MIDHANI	299.25	298.2	+0.35%

Top Losers

Stock	Close	Prev	Change
ZENTEC	1639.85	1794.95	-8.64%
HAL	3528.55	3774.95	-6.53%
MAZDOCK	2234.3	2379.7	-6.11%
CFE	566.15	602.9	-6.1%
BDL	1178.05	1253.35	-6.01%

Defense Business and Industry

Redon Systems Launches Game-Changing Multi-Barrel UAV Launcher



03-Feb-25

Hyderabad-based startup Redon Systems has unveiled a groundbreaking Multi-Barrel UAV Launcher (MBUL), capable of deploying up to 16 UAVs in rapid succession, enhancing military operations significantly. This lightweight and portable system, utilizing advanced pneumatic technology, allows for quick setup and deployment in challenging environments, with an operational readiness within 15 minutes. The MBUL's capability for swarm strikes, along with real-time mission adjustments from its Ground Control Station, positions it as a formidable asset for tactical reconnaissance, battlefield surveillance, and perimeter defense. This innovation marks a substantial advancement in India's defense technology, aligning with contemporary military strategies focused on speed, precision, and adaptability, ultimately providing Indian forces with a strategic edge on the battlefield.

India to Launch 5 Indigenous Small Modular Reactors by 2033



03-Feb-25

The Indian government has announced an outlay of ₹20,000 crore for the research and development of Small Modular Reactors (SMRs), with the aim of operationalizing at least five by 2033. This initiative is part of India's goal to generate 100 GW of nuclear energy by 2047, crucial for transitioning to sustainable energy and reducing dependence on fossil fuels. To attract private sector investment, amendments to the

Atomic Energy Act and Civil Liability for Nuclear Damage Act will be made, fostering innovation similar to advancements in the semiconductor industry. SMRs, which are smaller and more flexible than conventional reactors, offer potential cost and time efficiencies in construction. This strategic move positions India as a key player in the global nuclear energy landscape while addressing domestic energy demands effectively.

India Strengthens Eastern Border Defense with MR-SAM Boost



03-Feb-25

India is enhancing its defense capabilities along the Eastern border with China by significantly increasing the deployment of the Medium Range Surface-to-Air Missile (MR-SAM) system, developed in collaboration with Israel. This strategic move addresses ongoing tensions along the Line of Actual Control (LAC), particularly in Ladakh, Sikkim, and Arunachal Pradesh. The MR-SAM, also known as Abhra, provides robust air defense against various aerial threats and is crucial for covering key infrastructure in Sikkim and adapting to the challenging terrain of Arunachal Pradesh. This deployment not only underscores India's commitment to safeguarding its territorial integrity but also aims to deter potential aggression while maintaining regional stability through strength.

Archer-NG's First Flight Anticipated Before Aero India 2025



03-Feb-25

The Indian defense sector is set to witness the first flight of the Archer-NG, a weaponized M.A.L.E Unmanned Aerial Vehicle (UAV), expected before Aero India 2025. With a payload capacity of 400 kg and a range of up to 1,000 km, the Archer-NG is designed for diverse roles including Intelligence, Surveillance, Target

Acquisition, and reconnaissance, as well as precision strikes utilizing smart anti-airfield weapons and anti-tank guided missiles. This initiative not only aims to rectify previous UAV shortcomings but also underscores India's commitment to strengthening its indigenous defense capabilities under the Make in India initiative, thus enhancing the operational effectiveness of the Indian Armed Forces in modern warfare.

General Atomics Supplies Replacement Drone for Indian Navy's Ops SHARE

03-Feb-25

General Atomics has replaced the Indian Navy's crashed drone under a lease agreement, crucial for its intelligence, surveillance, and reconnaissance operations in the Indian Ocean Region. The incident, caused by a power failure, led to the drone being written off, but a new unit was promptly provided, ensuring the Navy's ongoing surveillance capabilities, especially concerning China's maritime activities. Furthermore, India plans to enhance its drone capabilities with a \$3.5 billion deal for 31 MQ-9B Sea/SkyGuardian drones, with deliveries expected by 2029, reinforcing its defense posture amidst regional security challenges. This proactive approach demonstrates India's commitment to maintaining a robust defense strategy in a dynamic geopolitical landscape.

Saudi Arabia Eyes India's ATAGS Howitzer, Boosting Global Demand SHARE

03-Feb-25

India's Advanced Towed Artillery Gun System (ATAGS) 155x52 is garnering international interest, highlighted by Saudi Arabia's potential acquisition following Armenia's successful deal. Developed collaboratively by the Defence Research and Development Organisation and Bharat Forge, the ATAGS showcases India's commitment to self-reliance in defense technology, offering superior range, accuracy, and mobility. The renewed Saudi interest is likely influenced by the army's experience with similar systems, reflecting growing confidence in Indian defense products. The successful induction of 307 units into the Indian Army further validates the ATAGS's capabilities, marking a significant step towards enhancing India's defense exports and strategic partnerships, particularly in the Middle East.

Indian Army Seeks 600 HP Upgrade for Stryker APC After Trials SHARE

03-Feb-25

The Indian Army recently evaluated the Stryker Armored Personnel Carrier (APC) in Ladakh, finding its 350 HP

engine inadequate for high-altitude operations, prompting a request for a 600 HP upgrade. While the trials demonstrated the Stryker's potential, especially with Javelin ATGMs, the Army emphasized the need for significant customization, possibly leading to co-production or technology transfer agreements. This approach could enhance the Stryker's performance in challenging terrains and bolster India's defense industry and self-reliance. The resolution of these negotiations will be pivotal for the Stryker's future in the Indian armed forces.

India's Archer UAV to Get Enhanced with Precision Anti-Airfield Weapons SHARE

03-Feb-25

The Aeronautical Development Establishment (ADE) is enhancing India's Archer Short-Range Unmanned Aerial Vehicle (SRUAV) by integrating the domestically developed Smart Anti-Airfield Weapon (SAAW), a precision-guided munition designed to target enemy airfield infrastructure from up to 100 km away. This upgrade allows the Archer to carry at least two SAAWs, significantly boosting its offensive capabilities and operational relevance for the Indian armed forces. This development showcases India's advancing expertise in sophisticated UAV technology, potentially positioning itself as a key player in the global defense market while enhancing national security. Overall, this initiative reflects India's strategic commitment to modernizing its defense capabilities.

HAL's CATS-Warrior Advances to Taxi Trials After Engine Success SHARE

03-Feb-25

Hindustan Aeronautics Limited (HAL) has marked a significant milestone in the development of its Combat Air Teaming System (CATS) with successful engine tests for the CATS-Warrior UCAV, paving the way for forthcoming taxi trials and a potential maiden flight. Designed to function as a "loyal wingman" alongside the Tejas Light Combat Aircraft, this stealthy drone enhances combat operations through collaborative missions, integrating reconnaissance and threat engagement. The CATS-Warrior's autonomous features are set to reduce pilot workload, showcasing India's advancing capabilities in unmanned aerial systems that may revolutionize air combat for the Indian Air Force, emphasizing the nation's growing self-reliance in defense technology.

Claims Rise: Su-57's Superiority Over F-35 in Multiple Aspects [SHARE](#)

03-Feb-25

Russian media outlet Sputnik has published an article claiming that the Sukhoi Su-57 outperforms the F-35 in multiple areas, including stealth, range, and advanced weaponry capabilities like the R-37M missile and Kinzhal hypersonic missile. The Su-57 is described as having superior maneuverability and a comprehensive radar system, enhancing its situational awareness. However, the program has faced delays and technical challenges, raising questions about its actual performance. While these claims could signify a shift in air combat dynamics, independent verification remains crucial before concluding the Su-57's operational effectiveness against Western adversaries. India's strategic considerations in acquiring advanced fighter technology remain pivotal amidst evolving global military balances.

Comparative Analysis of Modern Frigates: P17A's Armament Review [SHARE](#)

03-Feb-25

A comparative analysis of four modern frigates, including India's P17A, highlights varying armament capabilities. The P17A is noted for its powerful BrahMos missile, offering unmatched speed and range, yet it is perceived as less versatile in missile options compared to peers like the Russian Project 22350 and the French-Italian FREMM. While the P17A's air defense system is effective, it may benefit from a wider array of missile systems to enhance its versatility in combat scenarios. Overall, the focus on high-impact engagements positions the P17A strategically, although future upgrades could further align its capabilities with international standards.

Russia Backs India's Advanced Aerospace Defense Development [SHARE](#)

03-Feb-25

Russia has offered to assist India in developing an advanced aerospace defense shield, emphasizing its significance amid the Indo-Pacific arms race and threats from China and Pakistan. Military analyst Igor Korotchenko highlights that an effective aerospace defense system, including missile early warning capabilities, is essential for India to assert itself as a global power. The S-400 Triumf air defense system, already acquired by India, plays a crucial role by enhancing surveillance and providing a robust defensive posture. This partnership not only strengthens India's defense capabilities but also serves

as a deterrent against potential aggressors, showcasing India's commitment to safeguarding its airspace.

Tejas MkII Scale Model Unveils Advanced Combat Capabilities [SHARE](#)

03-Feb-25

A newly unveiled scale model of the Tejas MkII highlights India's advancing indigenous combat capabilities, showcasing its versatile multirole fighter role with an impressive array of weaponry. The model features advanced munitions such as BrahMos NG for precision strikes, RudraM 2 for electronic warfare, and Astra BVR missiles for air superiority, emphasizing its readiness for modern combat scenarios. This diverse payload enhances India's deterrence capabilities, showcasing its ability to address threats across air and ground domains. The Tejas MkII's integration of advanced weapons solidifies its importance in strengthening national security and demonstrates India's commitment to self-reliance in defense technology.

Indian Navy to Develop Deck-Based UCAV from IAF's Ghatak [SHARE](#)

03-Feb-25

The Indian Navy plans to invest in the development of a deck-based Unmanned Combat Aerial Vehicle (UCAV) derived from the IAF's Ghatak platform, which is designed for stealth deep-strike missions. This naval variant will feature modifications for carrier operations, including a robust undercarriage and a tail hook, potentially increasing its weight to around 14 tons. The Dry Kaveri engine will provide propulsion, emphasizing fuel efficiency and stealth. This initiative reflects the Navy's strategic focus on integrating unmanned systems to enhance operational capabilities, thereby improving its combat effectiveness and extending its strategic reach while ensuring the safety of human pilots.

Air Recon Unveils Game-Changing Quick-Release Systems for UAVs [SHARE](#)

03-Feb-25

Air Recon, a Mumbai-based startup, has launched innovative Quick-release Systems for Unmanned Aerial Vehicles (UAVs) and Ground Control Systems (GCS), significantly enhancing tactical operations. This technology allows seamless integration with standard-issue plate carriers, promoting rapid deployment and improving operator mobility in dynamic scenarios. The systems enable drones to be attached or detached

within seconds, which is crucial for time-sensitive operations. As the Indian defense sector increasingly embraces drone technology, Air Recon's advancements position the startup as a crucial player in enhancing operational efficiency and effectiveness for defense forces, showcasing India's growing capabilities in the UAV market.

Pakistan's JINNAH Frigates to Feature Turkish Design and 350km Missiles

[SHARE](#)

03-Feb-25

The Pakistan Navy is advancing its naval capabilities with the indigenous development of the JINNAH Class Frigates (JCF), leveraging expertise gained from the MILGEM Class collaboration with Turkey. This marks Pakistan's first attempt to design and build a frigate-sized warship domestically, showcasing its growing naval engineering skills. The JCF will feature the SMASH missile system, capable of striking targets up to 350 kilometers away with high precision, enhancing Pakistan's deterrent capabilities against naval threats. This initiative reflects Pakistan's strategic intent to strengthen its naval power, while India must continue to enhance its own maritime capabilities in response to bolster its regional security posture.

DRDO's Guided Pinaka Rocket Shines in High-Altitude Trials

[SHARE](#)

03-Feb-25

A viral video has showcased the Indian Defence Research and Development Organisation's (DRDO) Guided Pinaka rocket system demonstrating advanced Terrain Avoidance capabilities through mid-air course corrections during high-altitude trials. This innovative feature enhances operational effectiveness in mountainous regions, crucial for India's northern borders, by allowing the rocket to navigate obstacles, thereby improving accuracy and unpredictability against enemy detection systems. The Pinaka's ability to maneuver mid-flight offers a significant tactical advantage, complicating adversaries' defensive measures and bolstering the survivability of Indian forces. This positions India's defense capabilities as uniquely advanced among global military systems, particularly in challenging geographical terrains.

India Eyes Additional P-8I Aircraft for Enhanced Maritime Security

[SHARE](#)

03-Feb-25

India is reconsidering the procurement of six additional Boeing P-8I maritime surveillance aircraft to enhance

its capabilities in the Indian Ocean Region (IOR), driven by growing geopolitical pressures and a need for improved naval surveillance amid increasing Chinese naval activity. Currently operating 12 P-8I aircraft, the Indian Navy emphasizes the necessity of expanding its fleet to at least 18 for effective operational coverage. While initial negotiations faced hurdles due to cost concerns, a renewed focus on national security and improved U.S.-India defense cooperation amid the evolving strategic landscape is prompting a reassessment of these financial considerations. This move aligns with India's objective to modernize its naval forces in response to regional security challenges.

Defense Policy and Budgeting

India's Defense Budget Boosts TEDBF and Ghatak UCAV Programs

[SHARE](#)

03-Feb-25

The Indian Defence Budget has confirmed capital outlay for key projects like the Twin Engine Deck-Based Fighter (TEDBF) and the Remotely Stealthy Powered Autonomous Unmanned Combat Aerial Vehicle (RSPA UCAV). The TEDBF will replace the ageing MiG-29K fleet, enhancing naval aviation capabilities, while the RSPA UCAV aims to bolster India's aerial combat capabilities with its advanced design and considerable thrust. The financial backing underscores India's commitment to self-reliance in defense and strengthens its strategic posture in the Indo-Pacific region, vital for maintaining maritime and aerial superiority. Collectively, these initiatives reflect India's proactive stance in evolving its defense capabilities to address contemporary security challenges.

India Boosts Electronics, Semiconductors, AI Budget to ₹18,000 Crore

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03-Feb-25

The Indian government has significantly increased its budget for production-linked incentives (PLIs), semiconductor projects, and the IndiaAI Mission to 18,000 crore for FY 2025-26, up from 9,766 crore previously. The semiconductor initiative allocation has doubled to approximately 2,499.96 crore, while funding for the IndiaAI Mission surged over 11 times to 2,000 crore. The overall budget for the Ministry of Electronics and IT (MeitY) has risen by 48% to support technology projects, including mobile phone production, with a major share allocated to large-scale electronics manufacturing. This strategic investment demonstrates

India's commitment to enhancing its technological capabilities and competitiveness in critical sectors.

Geopolitics and Security Alliances

Russian Lawmaker Vyacheslav Volodin Visits India for Key Talks SHARE

03-Feb-25

Russian lawmaker Vyacheslav Volodin has arrived in India for official talks focused on enhancing bilateral cooperation in economic, cultural, educational, and technological fields, as well as strengthening inter-parliamentary dialogue. He is expected to meet key Indian officials and visit both houses of Parliament, emphasizing the resilience of Russian-Indian relations amidst Western attempts to isolate Russia. This visit comes ahead of a planned annual summit between Indian Prime Minister Narendra Modi and Russian President Vladimir Putin, marking Putin's first visit to India since the Ukraine conflict began in 2022. Both nations continue to prioritize their strategic partnership, highlighting India's commitment to diplomacy and peace in the evolving geopolitical landscape.

EU, UK, NATO Leaders Unite for Stronger Defense Against Threats SHARE

03-Feb-25

EU, UK, and NATO leaders convened to discuss enhancing Europe's defense capabilities in light of Russia's aggressive actions and uncertainties surrounding U.S. support under Trump. With a consensus on increased military spending, the EU faces challenges in funding and collaboration on defense procurement, where divisions exist on sourcing arms and the role of NATO. Prime Minister Keir Starmer emphasized the need for a united front against Putin, proposing a UK-EU defense deal, although lingering Brexit tensions complicate progress. The region must navigate these dilemmas to bolster its security and effectively counter external threats, reinforcing the importance of a cohesive strategy in defense planning.

US Urges Panama to Curb Chinese Influence Amid Tensions SHARE

03-Feb-25

U.S. State Secretary Marco Rubio recently urged Panama to reduce Chinese influence in the canal area, citing concerns over U.S. interests and treaty violations. He indicated potential retaliatory measures if immediate action isn't taken, although Panamanian

President Jose Raul Mulino downplayed the threat of U.S. military action and emphasized Panama's sovereignty. Mulino's decision not to renew a memorandum linked to China's Belt and Road Initiative suggests a pivot towards strengthening ties with the U.S. amid domestic unrest over perceived American interference, highlighting the complex dynamics of international relations in the region where strategic interests are closely intertwined.

Military Operations

BSF ADG Reviews Security Measures at Indo-Bangladesh Border SHARE

03-Feb-25

During a three-day visit to the Indo-Bangladesh border in Cooch Behar, BSF ADG Ravi Gandhi reviewed the security and operational preparedness of the BSF, emphasizing strategies to combat infiltration and trans-border crimes amid unrest in Bangladesh. He interacted with field commanders and assessed the effectiveness of border domination plans, underlining the importance of maintaining peace and safety for local populations. Gandhi praised the dedication of BSF personnel in safeguarding national borders and urged them to remain vigilant. This proactive approach reflects India's commitment to border security and stability in the region, bolstering the effectiveness of the BSF in managing complex cross-border challenges.

Iran Tests 1,000-km Missile, Unveils Largest Drone Amid Drills SHARE

03-Feb-25

Iran has showcased its military advancements by test-firing a 1,000-km cruise missile and unveiling its largest drone, named Gaza, while conducting military drills near its western borders. These developments indicate Iran's focus on enhancing its missile capabilities and aerial warfare technology amid escalating tensions with the U.S. and Israel. The missile test, which illustrates Iran's commitment to deterrence despite international sanctions, is coupled with a show of force through military exercises. This militarization could further complicate regional security dynamics, highlighting the need for vigilant defense strategies from India and its allies to address potential threats in the evolving geopolitical landscape.

Ukrainian Drones Ignite Major Oil and Gas Facilities in Russia

 SHARE

03-Feb-25

Ukrainian drones recently targeted oil and gas facilities in southern Russia, leading to significant fires and operational disruptions. Attacks were reported in regions like Volgograd and Astrakhan, where drone debris ignited fires at key energy sites, including a major refinery and a gas processing plant owned by Gazprom. While Ukraine claims these strikes are necessary to counter Russian aggression, Moscow decries them as acts of terrorism, attributing their capacity to Western support. This ongoing conflict illustrates the escalating nature of military engagements as Ukraine seeks to undermine Russian infrastructure critical to its war efforts.

U.S. Airstrikes in Somalia Target ISIS Leaders, Boost Local Security

 SHARE

03-Feb-25

U.S. forces conducted airstrikes in Somalia targeting senior Islamic State leaders, resulting in significant militant casualties without civilian harm, according to President Trump. The strikes, which occurred in the Golis Mountains, were praised by Somali President Hassan Sheikh Mohamud for the U.S.'s support in the fight against terrorism. Secretary of Defense Pete Hegseth emphasized that these actions degrade ISIS's capabilities to threaten the U.S. and its allies, reinforcing the message that the U.S. remains committed to counter-terrorism efforts globally. This operation highlights the ongoing U.S. military presence and strategy in combating terrorism in volatile regions, benefiting both local and international security.

Terrorism and Counterterrorism

Meitei Group Urges Centre to Form Anti-Narcotics Task Force

 SHARE

03-Feb-25

The Coordinating Committee on Manipur Integrity (COCOMI) has called on the Indian government to establish a specialized anti-narcotics bureau to combat drug trafficking and narco-terrorism in the northeastern region, which they propose be officially declared a narco-terrorist emergency zone. COCOMI's memorandum highlights the urgent need for national resources to be mobilized and coordinated with state authorities to address the rising threat. They also demand an investigation into the involvement of

influential individuals in drug smuggling and illegal arms trafficking. This initiative underscores the importance of robust internal security measures in safeguarding India's northeastern border and combating the regional challenges posed by narcotics and organized crime.

Karnataka Declares Naxal-Free Status After Key Surrender

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03-Feb-25

Karnataka has achieved a significant milestone by becoming Naxal-free following the recent surrender of Kotehonda Ravindra, a prominent figure in Naxalite activities, on February 1. With this surrender, 21 Naxals have relinquished their arms in the state, facilitated by a supportive government surrender policy that offers financial incentives and skill training to reintegrate former militants into society. Ravindra, classified as an 'A' category Naxal, emphasized the importance of local development, including road construction and land rights. This development reflects the effectiveness of Karnataka's approach in addressing insurgency through rehabilitation and community engagement, positioning the state as a model for counterinsurgency efforts.

Delhi Police seize AK-47 magazine, arrest gangster ahead of polls

 SHARE

03-Feb-25

Ahead of the Delhi Assembly polls, the Delhi Police Crime Branch arrested notorious gangster Amrish Bhati and recovered two sophisticated pistols, an AK-47 magazine, and various cartridges, highlighting the urgency of tackling illegal arms amid election preparations. This operation is part of a broader initiative to combat illicit liquor, drugs, and firearms in the Delhi NCR area, particularly targeting gangs like the Makora Gang. The arrests stemmed from prior detentions of gang members, showcasing a proactive approach by law enforcement to ensure a secure electoral environment. This vigilance underlines India's commitment to maintaining law and order during critical political events, an essential aspect of democratic processes.

Ex-serviceman killed in J&K terror attack; family injured

 SHARE

03-Feb-25

An ex-serviceman, Manzoor Ahmad Wagay, was tragically killed in a terrorist attack in Kulgam district, Jammu and Kashmir, while his wife and cousin sustained injuries. This incident underscores the ongoing security challenges in the region, particularly

faced by those who have served in the armed forces. Such attacks not only target individuals but also aim to instill fear in the local populace, highlighting the persistent threat posed by terrorism in Jammu and Kashmir. The Indian defense forces continue to address these issues through various operational strategies, reinforcing their commitment to ensuring safety and security in the region.

Cybersecurity and Information Warfare

Lutnick Claims DeepSeek Illegally Acquired U.S. Tech for AI SHARE

03-Feb-25

U.S. Commerce Secretary nominee Howard Lutnick has accused DeepSeek of illegally acquiring U.S. technology, particularly Nvidia chips, to develop its AI models at significantly lower costs, which raises concerns over national security and competitive integrity in AI. He highlighted investigations by the White House and FBI into DeepSeek's practices, suggesting potential circumvention of U.S. export controls via intermediaries in countries like Singapore. Lutnick's remarks underscore apprehensions regarding the impact on U.S. technological leadership, as DeepSeek's rapid growth has already affected stock prices of major tech firms like Nvidia. The situation emphasizes the need for stringent enforcement of technology export regulations to safeguard U.S. interests in the global AI landscape.

Mil Personnel & Veterans

J&K Police Successfully Locate Missing Soldier Abid Hussain Bhat SHARE

03-Feb-25

A territorial army soldier, Abid Hussain Bhat, who went missing while traveling to join duty in Srinagar, was traced by Jammu and Kashmir Police. His disappearance raised concerns due to past incidents of soldiers being abducted by militants in the region, particularly in south Kashmir. However, officials confirmed there was no militancy angle to this case, alleviating fears reminiscent of previous abductions and killings of soldiers. The successful recovery of Bhat highlights the effectiveness of local law enforcement in addressing security concerns and restoring confidence among military personnel and their families in an area with a history of violence against soldiers.

Miscellaneous

UN Raises Alarm Over Surge in Executions of Ukrainian Soldiers SHARE

03-Feb-25

The United Nations Human Rights Monitoring Mission has raised alarms over a surge in executions of Ukrainian soldiers by Russian forces, reporting 79 executions in 24 incidents since August 2024. International humanitarian law explicitly prohibits such actions, deeming them war crimes. The mission documented these killings through various sources, including witness interviews and visual evidence. Notably, while the focus is on Russian actions, the mission also acknowledged a case of a wounded Russian soldier being executed by Ukrainian forces, highlighting the complexities and brutalities of the ongoing conflict. This report underlines the urgent need for accountability and adherence to international laws in warfare.

Foreign diplomats celebrate India's cultural unity at Maha Kumbh. SHARE

03-Feb-25

Foreign diplomats visiting the Maha Kumbh Mela in Prayagraj have expressed their gratitude to India for the opportunity to experience its rich cultural heritage, emphasizing the event's significance beyond just Hinduism. The ambassadors from countries including Estonia, Nepal, and South Africa highlighted the Maha Kumbh as a global celebration of humanity, capable of bringing people together in a quest for spiritual purity. With over 5.42 million devotees participating so far, the event symbolizes India's cultural unity and strength, showcasing its ability to foster international relationships through shared spiritual experiences. This underscores India's role as a pivotal player in promoting cultural diplomacy on a global scale.

ISRO's NVS-02 Satellite Faces Thruster Failure in Orbit Adjustment SHARE

03-Feb-25

ISRO's NVS-02 satellite encountered a setback as its thrusters failed to fire during orbit raising attempts, leaving it in an elliptical Geosynchronous Transfer Orbit (GTO) rather than the designated slot for India's navigation system. Launched on January 29 aboard the GSLV-Mk 2, the mission initially saw success with all rocket stages performing flawlessly, and communication with ground stations was established.

ISRO is now exploring alternate strategies for utilizing the satellite in its current orbit. Despite this challenge, the situation reflects ISRO's resilience and capability to adapt, showcasing India's commitment to advancing its space-based navigation systems.

Braille Version of Indian Constitution Launched for Inclusivity



03-Feb-25

A Braille-enabled version of the Indian Constitution was launched in Karnataka to celebrate its 75th anniversary, with the initiative led by Governor Thawar Chand Gehlot in collaboration with Sankara Eye Hospital and CII Young Indians. This project aims to empower visually impaired individuals by providing them access to their rights and responsibilities as citizens. Dr. Kaushik Murali emphasized the importance of this initiative in promoting inclusivity, while Darshan Mutha highlighted the goal of raising awareness about accessibility. Such efforts reflect India's commitment to ensuring that all citizens, regardless of visual impairment, can engage with fundamental democratic principles, enhancing social equity and participation.

India Reduces Motorcycle Tariffs, Commits to Free Trade Amid U.S. Tensions



03-Feb-25

India aims to signal its commitment to free trade by reducing import duties on high-end motorcycles from 50% to 30%, amid rising trade tensions initiated by the Trump administration's tariffs on several countries. Finance Secretary Tuhin Kanta Pandey emphasized that India's strategy focuses on avoiding protectionist measures and fostering domestic industries, while also preparing for discussions with President Trump on trade and immigration. This proactive approach reflects India's desire to maintain a constructive relationship with the U.S. and mitigate accusations of high tariffs, thus reinforcing its role as a responsible player in global trade dynamics.

13 Arrested for 728 Hoax Bomb Threats to Indian Airlines in 2024



03-Feb-25

In 2024, the Indian government reported the arrest of 13 individuals linked to hoax bomb threats targeting airlines, which totaled 728 incidents last year, primarily affecting domestic carriers. IndiGo faced the highest number of threats at 216, followed by Air India and others. The Bureau of Civil Aviation Security (BCAS) has implemented strict protocols, including a Bomb Threat

Contingency Plan and advisories for civil aviation stakeholders, to enhance security and mitigate such risks. This proactive approach underscores India's commitment to maintaining robust aviation security and protecting passengers from potential disruptions, reinforcing the importance of vigilance in civil aviation operations.

SpanTrik Unveils Raven: India's Next-Gen Reusable Rocket for Space Exploration



03-Feb-25

Hyderabad-based aerospace startup SpanTrik, founded in 2022, is developing a fully reusable rocket named Raven, set to launch in 2028. Designed for diverse missions, Raven boasts a capacity of 8 to 22 tonnes to Low Earth Orbit (LEO) and 5 tonnes to Mars, utilizing a green propulsion system with LNG and LOX. The two-stage vehicle incorporates innovative technology, including Vertical Takeoff Vertical Landing (VTVL) for precise landings and an Orbital Inflatable Decelerator (OID) for safe re-entry. SpanTrik aims to expedite the launch process, planning to recover and prepare the rocket for future flights within a week. This initiative showcases India's growing capabilities in space technology and commitment to sustainability, positioning SpanTrik as a significant player in the evolving satellite launch industry.

Gaza Aid Influx: Progress Amidst Ongoing Challenges



03-Feb-25

Aid is surging into Gaza following a ceasefire between Hamas and Israel, with over 4,200 trucks entering weekly, significantly easing hunger and displacement. Despite improvements, aid distribution faces challenges from damaged infrastructure and looting, leading to inflated market prices for essential goods. While the Israeli COGAT has streamlined aid delivery and allowed more items, dual-use restrictions remain, impacting medical supplies and reconstruction efforts. Humanitarian workers emphasize that while aid volumes have increased, the ongoing logistical hurdles and looming threats of resumed fighting complicate the situation, highlighting the need for continued international support and attention to the humanitarian crisis in Gaza.

Denmark PM Affirms Greenland's Inviolable Status Amid U.S.

Interest  [SHARE](#)

03-Feb-25

Danish Prime Minister Mette Fredriksen firmly asserted that Greenland is not for sale, responding to U.S. President Donald Trump's previous interest in acquiring the territory. She emphasized Greenland's status as part of Danish territory and highlighted the strategic importance of the Arctic region for security and defense. While agreeing with the U.S. on the significance of Arctic security, Fredriksen indicated a willingness to find collaborative solutions, distancing from any notions of military or economic coercion. This situation sheds light on the broader geopolitical dynamics in the Arctic, where territorial integrity and security cooperation remain paramount for nations in the region.

Canada Unveils Retaliatory Tariffs on \$155 Billion in U.S. Goods

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03-Feb-25

Canada has announced a series of retaliatory tariffs on U.S. goods starting February 4, targeting approximately C\$155 billion worth of exports. The first tranche includes a 25% tariff on food and beverages, household goods, clothing, cosmetics, and automotive products, while the second tranche could expand to vehicles, steel, aluminum, and agricultural products. The Canadian government argues that these measures are vital to protect its economy from perceived unjustified U.S. tariffs. This escalation in trade tensions underscores the fragility of economic relations between Canada and the U.S., reflecting broader geopolitical strains that may have implications for regional stability and trade dynamics.

Aviation industry to invest \$3.9 trillion in AI workforce training by 2027

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03-Feb-25

The aviation industry is set to invest \$3.9 trillion by 2027 in training its workforce with AI skills to enhance efficiency and safety amidst rising global air traffic, projected to reach 5.2 billion passengers by 2025. A significant shortage of aviation personnel, including pilots and maintenance technicians, underscores the urgency for skilled professionals in data analytics and

AI. Advanced technologies, such as AI-driven flight simulators and maintenance systems, are revolutionizing training and operational efficiency. While AI improves air traffic management and safety, the indispensable human element persists, highlighting the necessity for a skilled workforce adept in blending aviation expertise with IT knowledge to navigate this digital transformation.

Prince Edward's 3-Day India Visit to Boost Youth Education

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03-Feb-25

The Duke of Edinburgh, Prince Edward, is on a three-day visit to India aimed at promoting non-formal education through The Duke of Edinburgh's International Award. Scheduled engagements in Mumbai and Delhi include discussions with government officials, education and business leaders, and participation in cultural events. This visit marks his first official trip to India since receiving his Dukedom in 2023 and underscores the strong UK-India ties, particularly through the Indian diaspora in the UK. The visit reaffirms the commitment to empowering youth and fostering collaborative solutions to global challenges, emphasizing the transformative impact of education initiatives in enhancing the lives of young people in India.

JNU Report: Illegal Immigration Alters Delhi's Demographics and Politics

 [SHARE](#)

03-Feb-25

A recent report from Jawaharlal Nehru University highlights the disruptive impact of illegal immigration from Bangladesh and Myanmar on Delhi's socio-economic and political landscape. The study reveals that this influx has increased the Muslim population, strained local resources, and exacerbated competition for low-wage jobs, leading to wage suppression. Moreover, it points to the political patronage that facilitates migration, undermining legal systems and electoral integrity through fraudulent voter registrations. The report's findings underscore the urgent need for comprehensive immigration reforms to address these challenges, enhance urban planning, and ensure sustainable resource management in Delhi amidst increasing demographic pressures.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
SIKA	2260.0	2339.85	2240.05	2290.0	3603	2.39	46.39	2314.05	2608.82
ROSSELLIND	71.94	72.4	68.0	69.51	32256	0.78	39.6	70.84	321.39
MIDHANI	296.55	307.2	295.4	299.25	566684	0.35	38.24	319.87	398.97
HBLPOWER	576.2	599.8	571.1	576.05	1556821	-0.03	51.13	554.29	575.86
ADANIENT	2266.75	2279.0	2213.9	2261.85	824942	-0.36	40.38	2351.47	2892.06
LMW	15500.0	15780.0	15295.05	15646.05	2845	-0.82	43.24	15874.84	16250.36
AZAD	1491.0	1536.75	1480.1	1490.2	163713	-1.07	42.74	1578.63	1589.99
LOKESHMACH	282.0	282.0	270.0	273.9	29930	-1.79	37.87	295.73	381.4
MTARTECH	1610.0	1610.05	1551.05	1569.3	81211	-2.34	44.61	1618.82	1770.72
BEL	277.85	277.85	263.3	274.15	41786023	-2.71	47.07	274.25	287.92
BHARATFORG	1166.0	1166.0	1123.0	1139.1	1589240	-3.07	33.52	1203.0	1462.84
DCXINDIA	316.9	319.95	308.05	309.95	324614	-3.26	36.11	344.71	340.74
PREMEXPLN	444.35	444.4	425.0	428.1	46018	-3.66	41.3	454.37	544.02
HIGHENE	520.0	544.95	520.0	522.75	6214	-3.7	29.49	574.07	710.42
COCHINSHIP	1450.0	1450.0	1390.1	1410.6	592688	-3.98	43.59	1454.11	1782.94
IDEAFORGE	475.55	476.6	453.1	461.35	165932	-4.14	28.29	536.68	670.3
AVANTEL	131.0	131.2	126.61	127.07	343989	-4.16	35.65	136.39	-
MARINE	221.55	221.55	210.15	211.65	110762	-4.17	40.18	223.08	212.0
ASTRAMICRO	701.0	712.95	685.5	690.15	203878	-4.31	38.21	742.35	821.3
PTC	141.0	141.0	135.6	136.99	1455439	-4.5	42.45	139.63	194.01
LT	3420.0	3420.0	3270.0	3289.2	6077580	-4.59	34.05	3491.26	3599.53
TANEJAERO	350.0	352.9	332.0	337.6	34273	-4.62	27.93	381.64	489.9
DATAPATNS	2080.0	2133.3	1993.55	2000.2	189417	-4.76	37.42	2172.09	2678.88
TEMBO	645.05	653.0	634.9	634.9	21263	-5.0	36.63	717.32	446.03
NIBE	1335.0	1369.95	1319.75	1319.75	29743	-5.0	34.79	1477.84	1751.34
KRISHNADEF	654.0	654.0	632.9	632.9	46750	-5.0	36.98	706.87	695.13
PARAS	1045.1	1048.0	980.0	1003.1	288047	-5.01	45.69	1045.18	1082.14
BEML	3620.0	3628.1	3445.0	3467.35	247528	-5.48	41.35	3613.64	4030.17
GRSE	1568.0	1582.5	1474.0	1507.95	983607	-5.56	46.72	1511.28	1677.21
SOLARINDS	10015.0	10015.0	9452.55	9510.3	76427	-5.62	46.23	9571.86	10233.67
APOLLO	126.5	129.67	121.25	122.33	5598745	-5.94	47.94	130.61	107.87
BDL	1228.35	1238.0	1133.55	1178.05	2985292	-6.01	46.24	1223.72	1253.79
CFF	565.0	589.95	565.0	566.15	19800	-6.1	30.11	641.15	650.11
MAZDOCK	2330.0	2364.5	2220.1	2234.3	3309775	-6.11	46.27	2286.51	2088.52
HAL	3720.0	3730.0	3513.0	3528.55	3692250	-6.53	35.16	3879.31	4518.8
ZENTEC	1785.0	1788.2	1631.05	1639.85	654999	-8.64	31.57	2023.44	1632.08