



# Defence Pro News & Analysis

October 31, 2024 | Day 305

## Top Gainers

| Stock      | Close   | Prev    | Change |
|------------|---------|---------|--------|
| LT         | 3622.3  | 3408.35 | +6.28% |
| NIBE       | 1790.45 | 1705.2  | +5.0%  |
| MARINE     | 217.66  | 207.3   | +5.0%  |
| ROSSELLIND | 86.47   | 82.36   | +4.99% |
| CFF        | 623.25  | 593.6   | +4.99% |

## Top Losers

| Stock      | Close   | Prev     | Change |
|------------|---------|----------|--------|
| SOLARINDS  | 10230.0 | 10545.55 | -2.99% |
| PTC        | 181.88  | 186.93   | -2.7%  |
| DATAPATTNS | 2419.85 | 2478.5   | -2.37% |
| BEL        | 284.9   | 288.55   | -1.26% |
| APOLLO     | 101.38  | 102.38   | -0.98% |

## Defense Business and Industry

### PM Modi: India's Defense Production Growth Makes Us Proud



31-Oct-24

Prime Minister Narendra Modi highlighted India's significant progress in defense production and exports, urging startups and innovators to engage in this transformative sector. He reported defense production soaring to Rs 1.27 lakh crore and exports rising dramatically from Rs 1,000 crore in 2014 to Rs 21,000 crore today. Modi emphasized the indigenization of over 12,300 items and the establishment of strategic defense corridors, showcasing the shift towards self-reliance and a robust defense ecosystem. This momentum not only reduces import dependency but also fosters job creation, skill development, and a thriving MSME sector, positioning India as a future global leader in defense manufacturing.

### Siliconia and Artemon Transforming India's Defense Tech Landscape



31-Oct-24

Siliconia Technologies and Artemon Aerospace are making significant advancements in India's defense technology landscape, aligning their efforts with the Atmanirbhar Bharat initiative to enhance self-reliance in defense manufacturing. Siliconia focuses on developing critical technologies like AESA radar and satellite communication devices, while Artemon collaborates with Munitions India Limited to create advanced loitering munitions, improving operational capabilities for the Armed Forces. These initiatives highlight a growing trend of start-ups contributing to India's defense sector, supported by government initiatives like Swavlamban 2024, which aim to foster innovation and potentially position India as a key player in the global defense market. This strategic focus on indigenous capabilities is crucial for national security and economic growth.

### Rajnath Singh Receives ₹1,620 Crore in DPSU Dividends, Reviews Growth



31-Oct-24

Rajnath Singh received 1,620 crore in dividends from seven Defence Public Sector Undertakings (DPSUs), highlighting their strong financial performance. He underscored the importance of enhancing research and development and focusing on indigenisation to reduce import dependency and improve the armed forces' operational capabilities. Singh noted the cultural shift towards self-reliance in India's defense sector, fostering innovation and technological advancement. He encouraged collaboration between public and private sectors to strengthen the defense industrial ecosystem, urging stakeholders to develop innovative solutions essential for the armed forces, reflecting a positive trajectory for India's defense capabilities and industry.

### HILD Defence Unveils Tactical Drones to Boost Armed Forces' Capabilities



31-Oct-24

HILD Defence & Aerospace has developed a range of tactical drones aimed at enhancing the operational capabilities of the Indian Armed Forces. These lightweight and disposable drones are designed for military operations, providing real-time intelligence, as well as supporting homeland security and law enforcement through surveillance and monitoring. The integration of advanced technologies in these drone systems significantly boosts their effectiveness in reconnaissance and counter-drone operations. This development reflects India's commitment to modernizing its defense capabilities and addresses the growing need for versatile aerial support in various operational environments, thereby improving national security and situational awareness.

### Indian Army Inducts Nagastra-1 Kamikaze Drone for Enhanced Defense



31-Oct-24

The Indian Army has inducted the Nagastra-1, a loitering munition developed by Solar Industries, marking a significant

advancement in indigenous military technology with over 75% local content. This kamikaze drone, weighing 9 kg and capable of a 15 km strike range, enhances operational effectiveness against soft targets while ensuring mission abort capabilities for reuse. The induction of 480 units under emergency procurement emphasizes India's commitment to self-reliance in defense amid rising geopolitical tensions with Pakistan and China. The Nagastra-1 showcases India's strategy to bolster its defense capabilities through local manufacturing, aligning with the Atmanirbhar Bharat initiative.

## Indian Private Sector's Leap in Aerospace Manufacturing

 SHARE

31-Oct-24

The Indian government's "Make in India" initiative is transforming the aerospace and defense sector by encouraging private sector participation and easing foreign direct investment regulations. Key players such as TATA Advanced Systems, Mahindra Aerospace, and Aequus are significantly contributing to manufacturing and assembly, particularly through collaborations like the Indian Multi-Role Helicopter program led by HAL. This surge in private sector involvement is expected to attract investments, create jobs, and position India as a global aerospace innovation hub, especially in areas like unmanned aerial vehicles. The establishment of defense corridors further bolsters regional economic growth and strengthens local supply chains, enhancing national defense capabilities.

## NETRA AEW&C Mk2 Unveiled at C295 Assembly Line Launch in Vadodara

 SHARE

31-Oct-24

The DRDO-Airbus A321 NETRA AEW&C Mk2 model was showcased during the inauguration of the C295 assembly line in Vadodara, highlighting India's commitment to defense modernization and collaboration with global aerospace leaders. This advanced airborne early warning and control system, featuring the Uttam AESA radar, aims to enhance the Indian Air Force's capabilities in detecting and tracking threats. The integration of indigenous systems will further bolster India's military operations and situational awareness. Overall, the development of the NETRA AEW&C Mk2 is crucial for strengthening national security and promoting regional stability amid evolving geopolitical challenges.

## Defence Ministry Considers National Aerospace Testing Establishment

 SHARE

31-Oct-24

The Defence Ministry is reviewing a proposal to establish the National Aerospace Testing Establishment (NATE) to streamline testing and certification for aircraft, helicopters, drones, and airborne weapons. Spearheaded by the Indian Air Force, NATE aims to reduce lengthy development cycles, enhance private sector engagement, and improve efficiency in India's aerospace testing landscape. This initiative supports the Atmanirbhar Bharat initiative and seeks to foster greater self-reliance in aerospace technologies. By consolidating testing facilities and protocols, NATE is positioned to significantly boost India's

aerospace ecosystem, benefiting both military and commercial aviation and enhancing global competitiveness in the defense sector.

## ADA Seeks Interest for LCA AF Mk-2's New Refueling System

 SHARE

31-Oct-24

The Aeronautical Development Agency (ADA) has issued an Expression of Interest for a telescopic retractable refueling system for the LCA Air Force Mk-2, a critical advancement in India's indigenous fighter program. This new Air-to-Air Refueling (AAR) capability will enhance the aircraft's range and endurance, allowing for longer sorties and improved combat readiness. By integrating a telescopic probe and drogue system, the LCA AF Mk-2 will better meet operational demands, supporting the Indian Air Force's modernization efforts. This initiative underscores India's commitment to developing versatile and advanced defense technologies, essential for maintaining strategic advantages in diverse operational scenarios.

## HAL Integrates Manned-Unmanned Teaming in New Helicopters

 SHARE

31-Oct-24

Hindustan Aeronautics Limited (HAL) is enhancing its Indian Multi-Role Helicopter (IMRH) and Deck-Based Multi-Role Helicopter (DBMRH) by integrating Manned-Unmanned Teaming (MUM-T), which allows manned helicopters to collaborate with rotary-winged UAVs for improved mission effectiveness in combat zones. This initiative enables real-time intelligence and surveillance, enhancing situational awareness and mission success while reducing risks to personnel and assets. HAL's development of the RUAV-200 UAV underscores its commitment to indigenous innovation, furthering India's defense autonomy. The collaboration with DRDO and IIT Kanpur not only fosters local talent but also strengthens India's technological capabilities in advanced aerospace systems.

## NewSpace Research Develops Autonomous Indoor Drone for First Responders

 SHARE

31-Oct-24

NewSpace Research and Technologies has successfully completed a DRDO project focused on an Autonomous Drone intended for indoor first responder operations, marking a significant advancement in India's indigenous defense technology under the Atmanirbhar Bharat initiative. The drone, designed for autonomous navigation in complex indoor environments, can be deployed for reconnaissance, search and rescue, and surveillance in hazardous situations, thereby enhancing operational capabilities in urban warfare and emergency responses. This achievement underscores India's commitment to developing innovative defense technologies that bolster national security while minimizing risks to personnel, reflecting a robust trajectory towards self-reliance in defense capabilities. Such advancements position India at the forefront of autonomous drone technology in the defense sector.

## X-Pect Innovations Launches Energy-Capturing Clutch System for Defense



31-Oct-24

X-Pect Innovations, under the DRDO's Dare to Dream 4.0 initiative, is developing a Regenerative Clutch System (RCS) designed to capture wasted engine energy in military vehicles and repurpose it for defense technologies. This innovative system enhances energy efficiency, sustainability, and operational capability by converting kinetic energy lost during clutch disengagement into usable power. The RCS can support high-energy applications, such as laser weapons, by storing energy for later use, thereby optimizing the performance of defense platforms like armored vehicles and naval ships. This advancement significantly bolsters the operational capabilities of Indian defense forces, promoting self-sustainability and reducing reliance on external energy sources.

## IAF Shifts Focus to Indigenous Project Kusha for 10 Squadrons



31-Oct-24

The Indian Air Force (IAF) is shifting its focus from the Russian S-400 air defense system to an indigenous initiative, Project Kusha, which aims to develop 10 squadrons of advanced long-range interceptor missiles. This decision comes amid delays in S-400 deliveries due to the Ukraine conflict and reflects India's commitment to self-reliance in defense technologies under the Atmanirbhar Bharat initiative. Project Kusha, spearheaded by the DRDO, aims to create a robust air defense network with advanced capabilities, mitigating reliance on foreign systems and potential geopolitical risks. With developmental trials on the horizon, this strategic pivot solidifies India's position in enhancing its defense capabilities.

## HAL Keeps Tejas Mk1A Production Steady Amid Engine Delays



31-Oct-24

Hindustan Aeronautics Limited (HAL) is maintaining production of the Tejas Mk1A fighter jets despite delays in the supply of F-404 engines from General Electric, having completed 14 airframes ready for final assembly. HAL aims to deliver 83 jets to the Indian Air Force by 2028-29 and plans to ramp up production to 16 airframes annually by 2025-26. The proactive strategy includes using older engines for testing, ensuring operational readiness despite supply chain disruptions. This approach supports India's Atmanirbhar Bharat mission by reducing foreign dependency, with the Indian government closely monitoring the situation to maintain IAF's squadron strength.

## MoD Calls for Development of AI Software for Naval Weld Inspections



31-Oct-24

The Indian Ministry of Defence (MoD) is urging Indian industries, particularly MSMEs and startups, to develop Automatic Defect Recognition (ADR) software for weld radiography inspection in naval applications. This initiative is vital for ensuring the integrity of steel hulls in naval vessels, addressing the challenges of time-

consuming manual inspections and the shortage of skilled QC inspectors. The proposed software will utilize a combination of AI-based and rule-based algorithms, enhancing efficiency and accuracy in defect detection. By automating the inspection process, this technology promises to improve the naval shipbuilding industry's safety standards, reduce costs, and streamline construction timelines amidst increasing vessel complexity.

## Geopolitics and Security Alliances

### North Korea's ICBM test raises US security concerns and regional tensions.



31-Oct-24

North Korea recently conducted its longest intercontinental ballistic missile (ICBM) test, flying for 87 minutes, which has raised significant concerns among regional players South Korea and Japan. This test is viewed as part of a potential collaboration with Russia, with speculation around technology exchanges in return for troop support in Ukraine. The missile launch signifies an escalation in North Korea's military capabilities, posing new strategic threats, particularly to the U.S., as Washington contemplates the implications of North Korean troops in Russian uniforms moving towards Ukraine. This situation underscores the need for enhanced vigilance and defense cooperation in the Indo-Pacific region, reinforcing India's strategic posture and its commitment to regional stability amid increasing geopolitical tensions.

### CDS Gen Anil Chauhan's Official Visit to Algeria, Oct 31-Nov 4



31-Oct-24

Chief of Defence Staff Gen Anil Chauhan is set to visit Algeria from October 31 to November 4, 2024, marking a significant step in strengthening defense ties between India and Algeria. During this visit, he will sign a Memorandum of Understanding on defense cooperation and engage in discussions focused on military collaboration, capacity building, technology exchange, and the 'Make In India' initiative. The visit will also include attending a military parade commemorating Algeria's 70th anniversary of its revolution and he will address senior officers at Algeria's Higher War School. This engagement not only reaffirms India's commitment to enhancing military partnerships but also fosters mutual trust and understanding, building on the recent visit of President Droupadi Murmu to Algeria, thereby reflecting India's proactive approach in strengthening diplomatic and military relations with key nations.

### India Seeks Peaceful Consensus with China, Says Rajnath Singh



31-Oct-24

Defence Minister Rajnath Singh reaffirmed India's commitment to a peaceful resolution with China, echoing former PM Atal Behari Vajpayee's ideals, during a visit to the Gajraj Corps in Tezpur. He highlighted the recent completion of the disengagement process at two friction points in eastern Ladakh, signaling a positive

development in India-China relations. Singh acknowledged the importance of the Northeast region for national security while commending the Indian Army's role in maintaining peace and tackling border challenges. This progress reflects India's proactive diplomatic efforts and military readiness, underscoring the nation's strategic commitment to safeguarding its borders while pursuing cooperative ties with neighboring countries.

## PM Modi: Domestic and Foreign Forces Threatening India's Stability

[SHARE](#)

31-Oct-24

Prime Minister Narendra Modi highlighted the ongoing threats to India's stability from both domestic and foreign forces, urging citizens to identify and counteract "urban Naxals" who aim to undermine national unity and discredit the armed forces. He emphasized the importance of national unity and the government's efforts to combat terrorism, particularly in regions like Jammu and Kashmir and the Northeast, where separatism is being addressed. Modi reiterated that terrorism would not be tolerated and called for collective action against those who threaten India's economic interests and social cohesion. He also pointed to the positive outcomes of various national initiatives, affirming India's emerging role as a global leader amid rising international tensions. This proactive stance reflects the government's commitment to maintaining national integrity and security in the face of adversity.

## Pakistan Raises Alarm Over India's Arms Supply Impact on Stability

[SHARE](#)

31-Oct-24

Pakistan has raised concerns at the UN regarding the ongoing supply of advanced weapons to India, claiming it contributes to regional instability and disrupts the balance of power in South Asia. Pakistani delegate Gul Qaiser criticized the prioritization of military financing over peace initiatives, arguing that such actions exacerbate conflicts and hinder peace-building efforts. He emphasized Pakistan's commitment to a strategic restraint regime aimed at maintaining a conventional force balance, while asserting that Pakistan does not seek an arms race. The discourse highlights the intricate dynamics between India and Pakistan, underlining the need for addressing underlying causes of arms trade rather than merely managing its consequences, as regional tensions remain elevated amid historical conflicts and military posturing between the two nuclear-armed neighbors.

## Modi Secures Diplomatic Win with Chinese Border Disengagement

[SHARE](#)

31-Oct-24

The recent agreement between India and China to restore mutual patrolling rights in disputed areas, including the Depsang Plains and Demchok, marks a significant diplomatic victory for PM Narendra Modi, signaling a potential thaw in relations. This development follows Modi's direct talks with Chinese President Xi Jinping at the BRICS summit, suggesting a commitment to resolving border disputes through dialogue. While this agreement enhances Modi's image as a leader adept at foreign relations, challenges persist due to differing interpretations and ongoing military deployments. Nevertheless, this initiative reflects India's

strategic approach to managing complex regional dynamics while prioritizing national security.

## India's S5-Class SSBNs: A Game Changer for Global Security

[SHARE](#)

31-Oct-24

India's S5-class ballistic missile submarines (SSBNs) mark a significant advancement in its strategic defense capabilities, enhancing its nuclear deterrent with intercontinental ballistic missiles (ICBMs) and advanced stealth features. This program could shift the global nuclear balance, causing concern for the U.S. and Europe, as India's increased range and stealth complicate Western naval operations in the Indian Ocean Region (IOR). The S5-class reinforces India's status as a self-reliant nuclear power, potentially prompting regional adversaries like Pakistan and China to reassess their own nuclear strategies. Overall, the S5-class emphasizes India's ambition to enhance its maritime influence while maintaining a credible second-strike capability.

## North Korea's Solid-Fuel Missiles: Advancements and Regional Risks

[SHARE](#)

31-Oct-24

North Korea has launched an intercontinental ballistic missile, signaling advancements in its solid-fuel rocket engine technology, which offers operational ease and stealth advantages over traditional liquid-fuel systems. This development could enhance North Korea's nuclear counterattack capabilities, although experts suggest the nation is still in the early stages of mastering this technology. The strategic implications of improved missile capabilities heighten regional security concerns, particularly for nations like India, which must remain vigilant and prepared to counter any potential threats from North Korea's advancements. Strengthening India's defense posture and enhancing missile defense systems will be crucial to maintaining stability in the region amid such developments.

## Russia and Iran to Sign Comprehensive Defense Treaty Soon

[SHARE](#)

31-Oct-24

Russia and Iran are preparing to sign a comprehensive treaty that will enhance their defense cooperation, as announced by Russian Foreign Minister Sergei Lavrov. This development raises concerns among Western nations regarding the strengthening military ties between the two countries. President Masoud Pezeshkian of Iran is expected to visit Moscow soon to finalize the agreement. From a strategic perspective, this partnership could shift regional dynamics, potentially impacting India's security environment. India's focus on maintaining a balanced approach in its external relations will be crucial as it navigates the implications of deepening ties between these two nations.

## Israeli airstrikes kill 8 in Lebanon, prompting more evacuations.

[SHARE](#)

31-Oct-24

Israeli airstrikes in southern Lebanon have resulted in the deaths of eight civilians, prompting the military to warn residents to evacuate the area. Meanwhile, three Palestinians were killed in a



separate Israeli raid in the West Bank, amid ongoing efforts by mediators to resolve the conflicts in both Lebanon and Gaza, where the prolonged Israel-Hamas conflict has led to over 43,000 fatalities. This situation underscores the significant humanitarian crisis, with Lebanon housing over a million displaced individuals and a rising death toll, highlighting the urgent need for diplomatic interventions to restore stability in the region.

## Doval and Sullivan Discuss Strengthening India-US Relations [SHARE](#)

31-Oct-24

National Security Advisors Ajit Doval and Jake Sullivan discussed enhancing India-US bilateral ties, focusing on regional security and stability in the Indo-Pacific during a recent phone conversation. The dialogue highlighted progress in various sectors, including defense cooperation and clean energy supply chains, reflecting a commitment to deepen strategic partnerships amid global challenges. Prime Minister Modi's earlier meeting with President Biden reiterated the importance of their comprehensive global partnership, which spans trade, technology, and security. This evolving relationship, grounded in shared democratic values and interests, positions India and the US as pivotal allies in addressing contemporary global issues, thereby strengthening regional stability and cooperation.

## China's Submarine Threat Sparks India's Nuclear Submarine Program [SHARE](#)

31-Oct-24

India's response to the rising threat posed by China's nuclear submarines in the Indian Ocean Region (IOR) has led to the launch of Project 77, aimed at developing six indigenous nuclear-powered attack submarines (SSNs). Initiated after China deployed its Shang-class submarines in 2014, this initiative reflects India's recognition of the need for enhanced maritime capabilities to secure its interests. The project, structured in three phases, emphasizes technological advancements and operational feedback, ultimately reinforcing India's strategic posture in the IOR. By establishing its own SSN fleet, India aims to ensure long-term security and assert its status as a formidable naval power in the region.

## Military Operations

## India to Conduct Tri-Services "Poorvi Prahaar" Exercise in East [SHARE](#)

31-Oct-24

India is set to conduct a tri-services exercise named "Poorvi Prahaar" in the eastern sector, involving the Army, Navy, and Air Force, aimed at enhancing operational preparedness and demonstrating inter-service synergy. The exercise will feature advanced units and technology, including Infantry Combat Vehicles, Light Combat Helicopters, and key aircraft like Su-30MKIs and Rafales, while the Navy's MARCOS commandos will showcase their capabilities. This initiative comes after recent disengagement talks with China, underscoring India's commitment to strengthening its military readiness amidst

ongoing diplomatic efforts for peace. The exercise highlights India's proactive defense strategy along the Arunachal Pradesh border, reflecting a balanced approach of readiness and diplomacy.

## Mil Personnel & Veterans

## Nation Celebrates Indian Army's Valor, Says MoS Defence [SHARE](#)

31-Oct-24

Minister of State for Defence Sanjay Seth paid tribute to the 120 Indian Army soldiers who sacrificed their lives at the Rezang La War Memorial, emphasizing the nation's pride in their bravery. He engaged with troops stationed in Ladakh, recognizing their dedication in challenging conditions and wishing them well during Diwali. Seth highlighted the soldiers' unwavering commitment to the nation, reinforcing the idea that the Indian Army remains steadfast in prioritizing national integrity and security. This event underscores the valor of the armed forces and the gratitude expressed by citizens for their service, bolstering national unity and morale.

## Indian Army Celebrates Diwali with Locals in Uri, Strengthening Bonds [SHARE](#)

31-Oct-24

Indian Army jawans in Uri, Baramulla, celebrated Diwali with local villagers along the Line of Control (LoC), fostering community ties by sharing sweets, exchanging gifts, and lighting diyas. The army's participation in local festivals, including Eid, underscores its commitment to building rapport and promoting peace in the region. This initiative showcases the Indian Army's role not only as a force for security but also as a community partner, enhancing trust and solidarity among the people. Additionally, cultural events like the illumination of the Swaminarayan Akshardham temple with 10,000 diyas further highlight India's rich cultural diversity and unity, reinforcing the importance of such celebrations in strengthening societal bonds.

## PM Modi Celebrates Diwali with Troops in Kachchh, Gujarat [SHARE](#)

31-Oct-24

Prime Minister Narendra Modi celebrated Diwali with troops from the Army, Navy, Air Force, and Border Security Force in the challenging terrain of Kachchh, Gujarat, continuing a tradition since 2014. Alongside his celebrations, he honored Sardar Vallabhbhai Patel on National Unity Day, emphasizing the importance of national unity and sovereignty. The top defense leadership also joined troops in various locations, showcasing solidarity and morale boosting in strategically significant areas such as Arunachal Pradesh and Jammu and Kashmir. This demonstrates the government's commitment to the welfare of armed forces personnel and highlights the importance of maintaining a strong defense posture amidst regional challenges.

## Miscellaneous

### Indian and Chinese Troops Share Sweets at LAC for Diwali SHARE

31-Oct-24

Troops from India and China exchanged sweets at multiple border points along the Line of Actual Control (LAC) during Diwali, following the successful disengagement at two friction points in eastern Ladakh—Demchok and Depsang Plains. This event marks a significant thaw in Sino-Indian relations, as it comes after an agreement solidified through diplomatic and military talks to resolve tensions stemming from the Galwan Valley clash in June 2020. The resumption of patrolling is set to begin soon, with local commanders continuing discussions on modalities and verification processes. This development underscores India's commitment to maintaining peace and stability along its borders, reflecting a strategic approach to dialogue and conflict resolution while fostering stronger ties with neighboring nations.

### Matangi's 590 km autonomous journey from Karwar to Kochi completes. SHARE

31-Oct-24

Matangi, an autonomous surface vessel developed by Sagar Defence Engineering, successfully completed its second leg of autonomous transit from Karwar to Kochi, covering approximately 590 km, following its initial journey from Mumbai to Karwar. This operation is part of the Indian Navy's Sagarmala Parikrama initiative, showcasing India's commitment to enhancing maritime logistics through the use of advanced technology, including indigenously developed navigation and collision avoidance systems. The total journey aims to demonstrate the potential of autonomous vessels in transforming shipping efficiency and aligning with the broader Sagarmala Program goals of port modernization and coastal shipping enhancement. By leveraging such innovations, India not only aims to improve logistics and reduce costs but also aspires to drive economic growth through better utilization of its extensive coastline and waterways.

### India Reaffirms Support for Palestinians at UN Security Council SHARE

31-Oct-24

India's Permanent Representative to the UN, Parvathaneni Harish, reaffirmed the country's commitment to supporting the Palestinian people during the UN Security Council's Open Debate on the Middle East, highlighting India's current development assistance of USD 120 million, including USD 37 million to UNWRA. He condemned the October 7 terror attacks in Israel and called for the immediate release of hostages and a ceasefire, advocating for a two-state solution. Harish emphasized India's role as a reliable partner in promoting peace and stability in the region, urging the international community to unite in these efforts. This stance not only reflects India's longstanding engagement in Middle Eastern affairs but also positions India as

a proactive player in addressing humanitarian crises, reinforcing its diplomatic credibility on the global stage.

### Chinese Envoy Stresses Managing Differences for Stronger Ties SHARE

31-Oct-24

Chinese Ambassador to India Xu Feihong emphasized the importance of managing differences between India and China, expressing hope for improved cooperation across various sectors following the recent disengagement in Depsang and Demchok. He noted that the bilateral ties should not be hampered by specific disagreements and highlighted the positive outcomes of the recent meeting between leaders Modi and Xi. Xu also advocated for the resumption of direct flights to enhance connectivity and trade. This dialogue reflects an intent to foster a stable and cooperative relationship, underscoring India's strategic patience and diplomacy in navigating its complex ties with China while ensuring national security in the region.

### ISRO's December Launch: The Future of Electric-Powered Satellites SHARE

31-Oct-24

ISRO's upcoming launch of the TDS-01 satellite in December marks a significant advancement in Indian space technology, featuring an indigenous electric propulsion system that reduces fuel requirements dramatically from two tonnes to just 200 kg. This innovation not only minimizes the satellite's weight but also its peripheral systems, enhancing overall efficiency. While electric propulsion is advantageous in fuel efficiency, it does result in longer travel times to geostationary orbit, taking up to three months compared to one week for chemical thrusters. The satellite will also utilize travelling wave tube amplifiers, further improving its communication and remote sensing capabilities, showcasing India's growing self-reliance in space technology.

### Maryam Nawaz advocates for India-Pakistan "smog diplomacy" to tackle pollution crisis. SHARE

31-Oct-24

Maryam Nawaz, Chief Minister of Punjab, Pakistan, has called for "smog diplomacy" with India to combat the severe pollution crisis affecting Lahore, which has recorded alarming Air Quality Index (AQI) levels reaching as high as 708. She emphasized the necessity for collaborative efforts between the two Punjabs to tackle this humanitarian issue, urging a matching response from India. The crisis is attributed to a combination of factors, including vehicular emissions and industrial pollution, exacerbated by ineffective environmental management. While this diplomatic overture is a positive step, it underscores the urgency for both nations to prioritize environmental cooperation for the health and safety of their populations.

## Rajnath Singh inaugurates Patel statue and Khathing Museum in Tawang, celebrating unity and strength. SHARE

31-Oct-24

Raksha Mantri Rajnath Singh virtually inaugurated the Desh Ka Vallabh statue of Sardar Vallabhbhai Patel and Major Ralengnao Bob Khathing Museum of Valour at Tawang, Arunachal Pradesh, on October 31, 2024. The event, coinciding with Deepawali and Rashtriya Ekta Diwas, emphasized the importance of unity and security, particularly in the context of India-China relations along the LAC. Singh highlighted Major Khathing's contributions to national security and the Northeast, while promoting infrastructure projects like the Arunachal Frontier Highway to bolster economic development. The Armed Forces' role in regional stability and development was also acknowledged,

reinforcing India's commitment to the Northeast's prosperity and security.

## Indian Army's Romeo Force Celebrates Diwali at 8,000 Feet SHARE

31-Oct-24

The Indian Army's Romeo Force celebrated Diwali at an altitude of 8,000 feet in the Pir Panjal Range, away from their families, embodying the spirit of sacrifice and service. Soldiers engaged in traditional festivities, including singing bhajans, distributing sweets, and lighting sparklers, while assuring the nation of their commitment to guarding the Line of Control. The jawans emphasized their camaraderie, highlighting that the Army feels like home, even in their absence from family. This celebration reflects the resilience and dedication of the Indian Armed Forces, symbolizing unity and the unwavering spirit that upholds national security during significant cultural events.

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# Defence Sector Stocks

| Stock      | Open    | High    | Low      | Close   | Volume   | Change | RSI14 | SMA20    | SMA200  |
|------------|---------|---------|----------|---------|----------|--------|-------|----------|---------|
| LT         | 3530.0  | 3654.95 | 3508.35  | 3622.3  | 7637083  | 6.28   | 57.54 | 3489.33  | 3575.21 |
| NIBE       | 1790.45 | 1790.45 | 1790.45  | 1790.45 | 9406     | 5.0    | 53.25 | 1722.72  | 1619.59 |
| MARINE     | 217.66  | 217.66  | 210.16   | 217.66  | 247563   | 5.0    | 48.28 | 220.82   | 163.65  |
| ROSSELLIND | 86.47   | 86.47   | 86.47    | 86.47   | 19702    | 4.99   | 22.57 | 94.15    | 432.21  |
| CFE        | 623.25  | 623.25  | 623.25   | 623.25  | 2400     | 4.99   | 54.92 | 585.61   | 586.26  |
| DCXINDIA   | 354.35  | 354.35  | 347.1    | 354.2   | 856924   | 4.95   | 66.06 | 314.82   | 335.58  |
| ZENTEC     | 1806.95 | 1893.5  | 1789.5   | 1884.35 | 386483   | 4.22   | 59.33 | 1808.93  | 1243.55 |
| PARAS      | 1058.25 | 1058.25 | 1020.0   | 1042.0  | 396406   | 3.38   | 49.29 | 1031.5   | 976.99  |
| KRISHNADEF | 720.0   | 720.0   | 702.0    | 714.45  | 47500    | 2.41   | 55.44 | 680.53   | 586.28  |
| MTARTECH   | 1635.95 | 1677.95 | 1606.4   | 1670.85 | 125939   | 2.32   | 49.78 | 1674.79  | 1852.87 |
| BEML       | 3982.9  | 4085.8  | 3960.0   | 4071.55 | 234667   | 2.31   | 60.61 | 3807.45  | 3783.6  |
| IDEAFORGE  | 559.05  | 575.55  | 556.55   | 572.75  | 208724   | 2.11   | 29.73 | 643.25   | 720.33  |
| BDL        | 1060.75 | 1090.5  | 1053.3   | 1085.3  | 314525   | 2.02   | 42.13 | 1120.83  | 1160.19 |
| ASTRAMICRO | 788.0   | 795.0   | 773.1    | 791.55  | 153272   | 1.9    | 46.3  | 798.3    | 768.2   |
| COCHINSHIP | 1486.95 | 1519.9  | 1472.1   | 1497.2  | 510173   | 1.71   | 42.26 | 1539.16  | 1587.31 |
| HBLPOWER   | 553.95  | 564.9   | 548.05   | 561.8   | 581521   | 1.55   | 42.54 | 580.98   | 543.53  |
| AZAD       | 1434.0  | 1468.45 | 1403.45  | 1444.85 | 110938   | 1.45   | 44.98 | 1466.01  | 1408.56 |
| PREMEXPLN  | 432.5   | 452.9   | 432.5    | 451.3   | 73296    | 1.32   | 34.91 | 485.44   | 488.4   |
| AVANTEL    | 170.56  | 172.75  | 169.0    | 172.49  | 708942   | 1.3    | 48.02 | 174.53   | -       |
| HIGHENE    | 659.0   | 680.0   | 635.0    | 660.0   | 10657    | 1.2    | 53.66 | 639.28   | 708.22  |
| SIKA       | 2620.0  | 2630.0  | 2502.5   | 2593.8  | 1985     | 1.11   | 51.79 | 2553.66  | 2313.86 |
| GRSE       | 1609.55 | 1625.0  | 1575.55  | 1614.5  | 380591   | 0.53   | 45.4  | 1656.0   | 1437.21 |
| MIDHANI    | 332.0   | 338.75  | 324.5    | 333.4   | 417161   | 0.44   | 32.51 | 357.11   | 427.69  |
| TANEJAERO  | 424.65  | 425.0   | 417.45   | 421.5   | 14580    | 0.37   | 29.95 | 458.92   | 489.05  |
| HAL        | 4236.0  | 4270.2  | 4195.55  | 4246.7  | 1137221  | 0.25   | 42.32 | 4360.36  | 4180.51 |
| MAZDOCK    | 4092.05 | 4124.9  | 4048.05  | 4079.65 | 998563   | 0.18   | 44.72 | 4211.08  | 3399.43 |
| LOKESHMACH | 351.6   | 355.4   | 347.75   | 351.95  | 33583    | -0.1   | 36.45 | 376.39   | 390.07  |
| BHARATFORG | 1415.0  | 1441.2  | 1395.25  | 1410.15 | 844545   | -0.73  | 39.65 | 1447.37  | 1422.16 |
| ADANIENT   | 2967.9  | 2976.5  | 2933.85  | 2947.25 | 1156390  | -0.74  | 48.23 | 2987.32  | 3105.1  |
| APOLLO     | 101.97  | 103.48  | 101.06   | 101.38  | 1328152  | -0.98  | 51.15 | 99.46    | 109.95  |
| BEL        | 287.95  | 288.45  | 283.75   | 284.9   | 18720310 | -1.26  | 52.35 | 280.27   | 258.24  |
| DATAPATNS  | 2465.0  | 2469.75 | 2385.05  | 2419.85 | 368497   | -2.37  | 50.83 | 2364.12  | 2653.77 |
| PTC        | 186.0   | 187.84  | 181.36   | 181.88  | 1034105  | -2.7   | 41.9  | 185.8    | 208.58  |
| SOLARINDS  | 10520.0 | 10520.0 | 10172.15 | 10230.0 | 66012    | -2.99  | 36.68 | 10943.82 | 9420.9  |