

Top Gainers

Stock	Close	Prev	Change
HBLPOWER	674.5	633.15	+6.53%
TEMBO	767.65	730.7	+5.06%
NIBE	1823.35	1736.55	+5.0%
MARINE	276.2	264.65	+4.36%
PTC	180.58	176.37	+2.39%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	92.61	95.32	-2.84%
KRISHNADEF	684.45	704.25	-2.81%
PREMEXPLN	468.6	480.15	-2.41%
TANEJAERO	477.8	488.8	-2.25%
BHARATFORG	1354.75	1379.2	-1.77%

Defense Business and Industry

GTRE Enhances Kaveri Engine with Afterburner for Fighter Jets



06-Dec-24

India's Gas Turbine Research Establishment (GTRE) is advancing its Kaveri engine program, focusing on a Dry Kaveri engine with an afterburner capable of generating up to 80 kN of thrust, essential for modern fighter jets like the Tejas Mk1A. Ground trials have shown improvements, and flight tests on an Indian Air Force MiG-29 are planned to assess its performance in real conditions. Additionally, leveraging the expertise of the Indian Space Research Organisation (ISRO) may enhance GTRE's jet engine development by utilizing ISRO's advanced materials and engineering techniques, particularly in high-stress components. This collaboration aims to bolster India's self-reliance in aerospace technology while positioning it as a significant player in the global defense market, potentially opening up export opportunities and fostering innovation in the nation's defense capabilities.

Indian Army Unveils 22 Innovations at Inno-Yoddha 2024-25



06-Dec-24

The Indian Army's annual Idea and Innovation Competition, Inno-Yoddha 2024-25, showcased 22 exceptional innovations aimed at enhancing operational efficiency and training capabilities, reflecting a strong commitment to an Aatmanirbhar Bharat. Chief of Army Staff General Upendra Dwivedi highlighted the importance of innovation in shaping the Army's future, noting significant achievements over four years,

including 26 Intellectual Property Rights filed and successful technology transfers to the private sector. This initiative not only bridges operational gaps but also fosters a culture of creativity among soldiers, emphasizing that innovation is crucial for modern defense strategies and military effectiveness.

Dassault to Showcase Rafale-M Upgrades for Indian Navy Soon



06-Dec-24

Dassault Aviation is set to enhance India's naval aviation by demonstrating technological upgrades for the Rafale M within 18 months of the expected deal signing next month. This agreement aims to equip the Indian Navy with advanced fighter jets, improving its operational capabilities alongside the Indian Air Force's existing Rafale variants. Both variants feature the RBE2 AESA radar and the SPECTRA electronic warfare system, ensuring robust performance in maritime conditions. The Rafale-M's design for carrier operations and its versatile mission capabilities align perfectly with India's strategic maritime requirements, highlighting Dassault's commitment to adapting its technology to meet India's defense needs, particularly in the Indo-Pacific region.

India Opts for Towed Guns to Boost Artillery Versatility



06-Dec-24

The Indian Army plans to procure around 800 Mounted Gun Systems (MGS), enhancing its artillery capabilities in response to modern warfare dynamics, especially threats posed by drones, as evidenced in the Ukraine conflict. While MGS units offer superior mobility and firepower, the Army is also pursuing 1,400 Towed Gun Systems (TGS) to maintain flexibility in high-altitude terrains where the heavier MGS may face logistical

challenges. This dual approach ensures the Indian Army can effectively address various battlefield scenarios, combining the advantages of both systems to enhance overall operational effectiveness while adapting to evolving threats.

## India's SSN Submarine Program Gains Traction for Enhanced Navy

Power  SHARE

06-Dec-24

India's SSN (Nuclear-Powered Attack Submarine) program is advancing rapidly, with Admiral Dinesh K. Tripathi confirming the inaugural meeting with stakeholders and suppliers, marking a pivotal step in this multi-billion-dollar initiative. The collaboration between public and private sectors aims to enhance the Navy's underwater capabilities, leveraging expertise from the Arihant-class SSBN program. Key public entities like BHEL, BDL, and DRDO, alongside private firms such as L&T and Tata Advanced Systems, are set to contribute their advanced manufacturing skills. This initiative is crucial for enhancing India's maritime strategic posture, addressing the need for improved stealth and firepower in the face of evolving regional security challenges.

## HAL's CATS Warrior UCAV to Offer Advanced Capabilities at \$5M SHARE

06-Dec-24

Hindustan Aeronautics Limited (HAL) has initiated the production of the CATS Warrior, an advanced Loyal Wingman UCAV, targeting a competitive price under \$5 million. This versatile platform is designed for autonomous operation at high altitudes, with a 300 km radius and up to two hours of endurance, featuring stealth capabilities for high-risk missions. Equipped with a tiny AESA radar and capable of carrying Smart Anti-Airfield Weapons (SAAW), the CATS Warrior is poised to enhance the Indian Air Force's combat capabilities significantly. Its modular design and affordability present a strategic advantage as India aims to bolster its air combat fleet effectively.

## Indian Navy Boosts Power with Four New Advanced Warships and Subs SHARE

06-Dec-24

The Indian Navy is set to enhance its operational capabilities with the commissioning of four advanced warships and submarines, including the indigenously built INS Nilgiri and INS Surat stealth frigates, which boast advanced weaponry and multi-role functionality. Additionally, the fleet will welcome the indigenous INS

Vagsheer submarine and the Russian-built INS Tushil, marking a significant milestone in diversifying India's naval strength. This strategic enhancement is crucial for safeguarding India's maritime interests amid regional security challenges. Overall, the induction of these vessels underscores India's commitment to bolstering its defense capabilities and promoting self-reliance in its naval operations.

## Zeus Numerix Unveils Cutting-Edge Munitions at Riyadh Seminar SHARE

06-Dec-24

Zeus Numerix, a prominent Indian defense technology firm, showcased its advanced munitions at the Saudi-India Defence Industry Seminar in Riyadh, emphasizing the strengthening of bilateral defense ties. The firm presented innovative solutions including Precision Guidance Kits for mortars, UAV Weaponization Kits, and drone-agnostic systems, highlighting India's growing defense manufacturing capabilities. These technologies demonstrate a commitment to meeting modern warfare challenges through scalable and cost-effective solutions. The seminar served as a crucial platform for enhancing defense cooperation, positioning India as a key player in Saudi Arabia's defense modernization initiatives and showcasing its readiness to support allied nations with advanced military technologies.

## Tejas Program Essential for Advancing AMCA and TEDBF Development SHARE

06-Dec-24

Former IAF Chief Air Chief Marshal (Retd.) R.K.S. Bhaduria endorsed the LCA Tejas program, emphasizing its pivotal role in enhancing India's aerospace capabilities. He praised the Tejas for its reliability and versatility, highlighting critical technological advancements that support the development of future fighter jets like the AMCA and TEDBF. Bhaduria noted the program's significant contribution to India's defense manufacturing sector and its alignment with the "Atmanirbhar Bharat" initiative through high indigenous content. This endorsement reflects the Tejas program not only as a successful operational platform but as a catalyst for the growth of India's aerospace ecosystem, crucial for advancing self-reliance in defense.

## L&T's Advanced Infantry Combat Vehicle Set for Trials Ahead



06-Dec-24

L&T has made significant strides in developing its indigenous Futuristic Infantry Combat Vehicle (FICV), aimed at replacing the ageing BMP-II vehicles in the Indian Army. This project, valued over ₹40,000 crore, emphasizes self-reliance in defense and is aligned with the Make in India initiative, fostering local manufacturing and innovation. The FICV will feature advanced capabilities including enhanced armour protection, improved mobility, and next-generation technologies such as automated targeting systems. As L&T prepares for trials, its strong expertise positions it well to potentially secure this critical contract, while also opening avenues for future defense exports, thereby enhancing India's strategic defense posture.

## Dynamatic Technologies Delivers Dassault Falcon 6X Fuel Tank Early



06-Dec-24

Dynamatic Technologies Limited has marked a significant achievement by delivering its first Rear Fuel Tank Assembly for the Dassault Falcon 6X ahead of schedule, reflecting its commitment to excellence in aerospace manufacturing. This milestone, celebrated with Dassault Aviation executives, underscores the strong partnership between the two firms and highlights India's growing role in the global aerospace supply chain. The earlier long-term contract for producing flight-critical aero structures further showcases Dynamatic's capabilities in meeting international standards. This success not only enhances India's reputation in advanced manufacturing but also positions the country as a key player in supporting leading aerospace manufacturers in delivering innovative aviation solutions.

## GRSE Secures Contract for Second 7500 DWT Multi-Purpose Vessel



06-Dec-24

Garden Reach Shipbuilders & Engineers (GRSE) has signed a contract for the construction and delivery of the second vessel in a series of four 7500 DWT Multi-Purpose Vessels (MPVs), with the contract formalized on December 4, 2024, in Hamburg, Germany. This contract underscores India's growing capabilities in shipbuilding and its commitment to enhancing maritime security and operational readiness. The procurement of these vessels highlights a strategic move to bolster the Indian Navy's logistics and support capabilities, ensuring readiness for various operational

scenarios. The remaining two vessel contracts are expected to be finalized in due course, further strengthening India's defense maritime infrastructure.

## IAF to Keep MiG-21 Bison Fighters Amid TEJAS Production Delays



06-Dec-24

The Indian Air Force (IAF) will continue operating its MiG-21 Bison fighters due to delays in the production of the TEJAS MK-1A, originally set to form its first squadron by July 2024. Hindustan Aeronautics Limited (HAL) faces engine supply issues, with only two TEJAS jets expected this fiscal year instead of the planned 18, necessitating the retention of MiG-21s, which have been vital since the 1960s. The IAF's current fleet is below the required strength to counter threats from Pakistan and China, prompting the Ministry of Defence to seek an additional 97 TEJAS jets. The U.S. has assured stabilizing engine supplies, which is critical for India's defense strategy.

## India to Boost Naval Power with 26 Rafale-M Jets and 3 Submarines by 2025



06-Dec-24

India is set to significantly enhance its naval capabilities with the commissioning of 26 Rafale-M jets and three Scorpene submarines by 2025, marking a major investment of over ₹50,000 crore. The Rafale-M jets, designed for carrier operations, will bolster India's strike capabilities in the Indian Ocean Region, particularly against increasing maritime threats from China and Pakistan. The advanced Scorpene submarines, being constructed at Mazagon Dock, will strengthen India's underwater deterrence and support its broader strategy of modernizing naval forces. This expansion underscores India's commitment to maintaining its strategic dominance in the Indo-Pacific and securing vital maritime routes.

## India's Strategic Naval Advances: INS Varsha & INS Kadamba



06-Dec-24

India is significantly enhancing its naval capabilities with the construction of INS Varsha, a strategic submarine base near Visakhapatnam, and the upgrade of INS Kadamba in Karwar. INS Varsha will facilitate the operation of nuclear submarines with advanced features to minimize detection, while INS Kadamba, once completed, will serve as the largest naval base east of the Suez Canal, equipped with India's first ship-lift facility and able to host up to 50 frontline warships. These developments are crucial for bolstering India's

maritime deterrence against regional threats, particularly from China and Pakistan, and for strengthening alliances under the Quad framework, thereby ensuring enhanced regional stability and security.

constructive dialogue and effective management of border issues between the two nations.

## Jaishankar Urges Indian Businesses to Balance Ties with China



06-Dec-24

External Affairs Minister S. Jaishankar emphasized the necessity for Indian businesses to adopt a balanced approach towards China, warning against excessive dependence on Chinese supply chains, which could undermine India's national interests and economic sovereignty. He acknowledged the significance of China in global manufacturing but urged careful consideration of the long-term implications, particularly for MSMEs. Jaishankar highlighted that while recent diplomatic progress has been made concerning border tensions along the Line of Actual Control (LAC), continued dialogue is essential for future stability. He also mentioned the impact of geopolitical tensions on trade routes and India's ongoing efforts to enhance exports to Russia, underscoring the need for a diversified economic strategy that does not render India a mere market for foreign products.

## Quad Strengthens as Key Diplomatic Partnership, Says EAM Jaishankar



06-Dec-24

External Affairs Minister S. Jaishankar highlighted the Quad's evolution as a significant intergovernmental coordination effort, crediting the Trump administration for its resurgence since 2017. He emphasized that unlike other alliances, Quad members—India, Australia, Japan, and the U.S.—share responsibilities equally, fostering a collaborative environment. Jaishankar addressed perceptions of "weak links" within the Quad, noting that debates are natural among diverse nations, but he sees no current weak links. With India set to host the next Quad Summit in 2025, Jaishankar underscored that the Quad is expanding in both scope and significance, marking it as a key diplomatic partnership.

## Bipartisan Support Essential for Strengthening India-US Defense Ties



06-Dec-24

Dr. Vivek Lall, Chief Executive of General Atomics, emphasized the importance of bipartisan support for security and defense in strengthening India-US relations, particularly in light of significant defense deals like the \$3 billion acquisition of 31 MQ-9B Predator drones. He highlighted the strategic partnership as one of the most vital of the 21st century,

## Defense Policy and Budgeting

### IAF Calls for 50 Fighter Squadrons to Tackle Regional Threats



06-Dec-24

The Indian Air Force (IAF) is advocating for an expansion to 50 fighter squadrons to effectively address emerging regional threats from China and Pakistan, as it currently struggles to maintain even 30 squadrons. An IAF official highlighted that the evolving nature of modern warfare, characterized by advanced air defense systems and precision-guided munitions, necessitates a reassessment of force structure. The proposed 50-squadron fleet would include 42 manned fighter squadrons and 8 unmanned fighter squadrons, enhancing operational readiness and strategic advantage. This push reflects the imperative for numerical and technological superiority in an increasingly complex aerial combat environment.

## Geopolitics and Security Alliances

### India and China Review Disengagement Progress at WMCC Meeting



06-Dec-24

India and China recently held the 32nd meeting of the Working Mechanism for Consultation & Coordination on China-India Border Affairs (WMCC) in New Delhi, marking a significant step in easing tensions following the disengagement agreement finalized on October 21, 2024. Both sides reflected on lessons learned from the 2020 Galwan Valley clashes and reaffirmed their commitment to maintaining peace and tranquility along the Line of Actual Control (LAC). They agreed to adhere to existing bilateral agreements and emphasized the importance of regular diplomatic and military exchanges to prevent future conflicts. Additionally, preparations for the next round of Special Representatives' talks were set in motion, indicating a cautious yet hopeful approach towards normalizing relations and ensuring sustainable peace in the border areas. This meeting underscores the potential for



aligning the goals of both nations towards global peace and security. Lall's influential role in advancing India-US defense trade includes securing multi-billion-dollar contracts for advanced military aircraft and systems, underscoring the deepening cooperation and mutual trust between the two countries in defense matters.

## Bangladesh Calls Kolkata Mission Head Amid Protests Over Minorities



06-Dec-24

Bangladesh summoned its Acting Deputy High Commissioner in Kolkata, Shikder Mohammad Ashrafur Rahman, for urgent consultations amid ongoing protests in India over attacks on Hindu minorities in Bangladesh. These protests have led to the suspension of visa services at the Bangladeshi mission in Agartala due to security concerns. The tensions have escalated following the arrest of Hindu spiritual leader Chinmoy Krishna Das, prompting India to express its worries regarding the safety of minorities in Bangladesh. This situation highlights the delicate nature of bilateral relations, especially after political upheavals in Bangladesh, necessitating careful diplomatic engagement between the two nations.

## Pakistan Eyes Chinese J-35 Fighters to Counter India's Air Power



06-Dec-24

Pakistan plans to enhance its air power by acquiring Chinese J-35 fifth-generation fighters, aiming to close the technological gap with India, which currently operates advanced fourth-generation fighters like the Rafale and Sukhoi Su-30MKI. Analysts suggest the J-35 could provide Pakistan with a critical advantage in aerial combat for about 7 to 8 years until India fields its own fifth-generation fighter under the AMCA program, expected by 2035. This development may escalate regional tensions and prompt India to expedite its defense procurements, potentially attracting U.S. offers for advanced aircraft like the F-35 to maintain a strategic balance in South Asia.

## Iran to Send Missiles and Drones to Support Assad in Syria



06-Dec-24

Iran plans to bolster its military presence in Syria by sending missiles, drones, and more military advisers to support President Bashar al-Assad amid renewed gains by anti-Assad rebels. Tehran views Assad as a key ally in its "Axis of Resistance" against Israel and U.S. influence. Given the recent losses of Hezbollah forces, Iran emphasizes the need for enhanced military aid

while suggesting that Syria, with Russian support, should focus on intensifying airstrikes. Furthermore, Iran is seeking to strengthen defense collaborations with Iraq and its resistance groups as it navigates regional dynamics influenced by Turkey's NATO membership and U.S.-Israeli positioning in the Middle East.

## Relaxed Visa Rules for Pakistan Raise Security Concerns for India



06-Dec-24

Bangladesh's interim government has relaxed visa rules for Pakistanis, eliminating the need for security clearance, which raises security concerns for India, particularly along its eastern border. Historically, Bangladesh has maintained cautious ties with Pakistan due to past atrocities, but recent moves suggest a potential rekindling of influence that could facilitate extremist activities. Analysts recall the period between 2001 and 2006, when the ISI was active in Bangladesh, supporting terrorist operations that targeted India. The recent engagements between Pakistani officials and BNP leaders signal a worrying trend that could destabilize the region, posing a significant challenge to Indian security interests.

## Jaishankar Stresses Need for De-Escalation in India-China Ties



06-Dec-24

EAM Jaishankar underscored the significance of the India-China relationship for regional and global stability, noting its influence on the multipolar world order. Following a recent disengagement agreement at critical friction points along the Line of Actual Control (LAC), he emphasized that while improvements have been made, further progress hinges on mutual respect and interests. Jaishankar highlighted the necessity of de-escalation to foster peace before advancing bilateral ties and stressed the importance of continuous diplomatic engagement to resolve outstanding boundary disputes. This strategic approach reflects India's commitment to nurturing its relations with China while ensuring national security and regional stability.

## Oli Champions China's BRI While Rejecting Loan Agreements



06-Dec-24

Nepal's Prime Minister K.P. Sharma Oli, during his first official visit abroad since taking office, defended the Belt and Road Initiative (BRI) agreement with China, signing ten agreements focused on trade and economic cooperation. He emphasized a preference for grants

and technical assistance over loans, addressing concerns about potential debt implications amid internal debates regarding financing strategies. Oli believes the framework agreement is crucial for transforming Nepal into a land-linked nation through infrastructure development. This stance has faced opposition from the Nepali Congress party, highlighting the delicate balance between economic development and national debt sustainability.

## Terrorism and Counterterrorism

### J&K Police Seize Properties Linked to Active Terrorists

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06-Dec-24

Authorities in Jammu and Kashmir have intensified their efforts against terrorism by attaching properties linked to active terrorists and their associates. In the Shopian district, two residential properties owned by individuals connected to terrorism have been seized under Section 25 of the Unlawful Activities (Prevention) Act (UAPA). This action includes the property of Mohammad Shafi Dar, father of a known terrorist, and Abdul Majeed Koka, father-in-law of a terrorist associate. Additionally, in Srigufwara, a property valued at approximately 5 crores owned by Firdous Ahmad Bhat was also attached. These measures underscore the J&K Police's unwavering commitment to national security and maintaining peace in the region, reflecting a proactive stance against terrorism. This approach is crucial for instilling confidence among the local population and enhancing the overall security framework in Kashmir.

### Three Security Personnel Injured in Chhattisgarh Maoist Clash

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06-Dec-24

Three security personnel were injured in an encounter with Maoists in Chhattisgarh's Bijapur district, highlighting the ongoing challenges faced by security forces in Maoist strongholds. The clash, which lasted about one-and-a-half hours, involved the use of grenade launchers by the Maoists, indicating their persistent capacity for violence. The injuries sustained by the personnel were minor, and they received immediate medical attention. This incident underscores the need for continued vigilance and the reinforcement of security measures to combat Maoist insurgency effectively, demonstrating the Indian government's commitment to maintaining internal security and stability in conflict-affected regions.

## Mil Personnel & Veterans

### Graduation of 24 Production Test Pilots Enhances India's Defense

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06-Dec-24

The valedictory function for the 24 Production Test Pilots (PTP) Course was held at the Air Force Test Pilots School under ASTE on December 6, 2024, with Air Marshal Vijay Kumar Garg as the chief guest. The AFTPS, recognized globally, trains flight test crews for various aircraft and has contributed significantly to India's defense and space projects, including Gaganyaan. During the ceremony, seven officers were awarded certificates, with Squadron Leader Ashish Bhardwaj receiving the best all-round student trophy. The graduates will enhance indigenous aircraft production, reinforcing India's Aatmanirbhar initiative in defense aerospace, showcasing India's growing self-reliance and expertise in aviation technology.

### Eastern Naval Command Chief Applauds INS Vagir Crew's Excellence

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06-Dec-24

Vice Admiral Pendharkar, Chief of the Eastern Naval Command, recently commended the crew of INS Vagir for their exceptional dedication and performance during deployment. Such leadership interactions are vital for boosting morale and addressing the challenges faced by personnel in operational settings. The INS Vagir also showcased India's growing maritime capabilities by participating in bilateral exercises with the Royal Australian Navy in Fremantle, Australia. This engagement highlights India's commitment to strengthening defense ties and enhancing operational readiness in the Indo-Pacific region, underscoring the strategic importance of naval diplomacy in ensuring regional stability.

## Miscellaneous

### Indian Navy Set to Commission INS Tushil on December 9, 2024

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06-Dec-24

The Indian Navy is poised to commission its latest multi-role stealth guided missile frigate, INS Tushil, on December 9, 2024, in a ceremony in Kaliningrad, Russia, led by Defence Minister Rajnath Singh, alongside high-ranking officials from both India and Russia. INS Tushil,

an upgraded Krivak III class frigate of Project 1135.6, is the seventh in a series that includes six already in service, and is the first of two additional upgraded ships contracted in October 2016. The construction of the frigate was closely monitored by an Indian Warship Overseeing Team stationed in Russia and involved extensive collaboration between Indian and Russian companies, with the indigenous content reaching 26% and the number of Indian-made systems more than doubling to 33. After successful completion of rigorous trials, including weapon firings, INS Tushil is expected to arrive in India in a near combat-ready condition, exemplifying advanced maritime capabilities and the enduring India-Russia defense partnership. This warship embodies the Indian Navy's commitment to safeguarding national maritime interests, with features designed for stealth and improved stability, symbolizing both technological advancement and the collaborative strength between India and Russia.

## India, Japan, Taiwan: Pioneering a Semiconductor Revolution



06-Dec-24

External Affairs Minister S. Jaishankar emphasized the strategic collaboration between India, Japan, and Taiwan in the semiconductor sector, highlighting its potential to reshape global geopolitical dynamics. As demand for semiconductors surges, India is revitalizing its industry through the India Semiconductor Mission, aiming for a market growth from \$38 billion in 2023 to \$109 billion by 2030. The partnership with Taiwan, particularly with firms like TSMC, is crucial, as Taiwan dominates global manufacturing. Significant investments, including a Rs 91,000 crore fabrication facility by Tata and Taiwan's PSMC in Gujarat, underscore India's commitment to becoming a leader in electronics manufacturing and design, ultimately enhancing its global position.

## SC Asks CBI for Response on Bail Plea of AgustaWestland Accused



06-Dec-24

The Supreme Court of India has requested a response from the Central Bureau of Investigation (CBI) regarding a bail plea from alleged middleman Christian Michel James in the Rs 3,600-crore AgustaWestland helicopter scam. The case involves the controversial procurement of 12 VVIP helicopters from AgustaWestland, with James, a British national, being extradited from Dubai in December 2018. The Delhi High Court had previously denied his bail application, citing no significant change in circumstances. This case highlights ongoing scrutiny

in defense procurement processes and underscores India's commitment to accountability in military acquisitions, reinforcing the need for transparency in defense dealings.

## Jaishankar Highlights India's Unique Opportunity with Trump 2.0



06-Dec-24

External Affairs Minister S. Jaishankar emphasized India's advantageous position in fostering deeper ties with the upcoming Trump administration, highlighting a historical positive political relationship. He noted that while other nations may view Trump's return as a challenge, India sees it as an opportunity, particularly in areas like technology collaboration. Jaishankar also discussed India's focus on free trade agreements with the EU and the UK, stressing the need to harmonize complex interests for improved market access. He underscored the Modi government's commitment to enhancing manufacturing, especially for MSMEs, to ensure fair competition in international negotiations.

## Palestine diplomat commends PM Modi's backing for a Palestinian state



06-Dec-24

The charge d'affaires of the Palestine Embassy in India, Abed Elrazeg Abu Jazer, praised Prime Minister Narendra Modi for India's support of a viable Palestinian state and humanitarian assistance, particularly during the International Day of Solidarity with the Palestinian People. Modi's message emphasized India's long-standing ties with Palestine and commitment to economic and social development, highlighting ongoing projects like the India-Palestine Techno Park and substantial contributions to UNRWA. This strong diplomatic stance reinforces India's dedication to facilitating peace through a two-state solution and showcases its role as a proactive partner in regional stability and humanitarian efforts.

## ISRO's SPADEX mission set for December launch with PSLV-C60.



06-Dec-24

ISRO is preparing for a significant space docking experiment, SPADEX, anticipated to launch with the PSLV-C60 mission by the end of December. Chairman S Somanath highlighted the readiness of the rocket and ongoing final preparations. This mission follows the successful launch of PSLV-C59/Probas-3, which involved collaboration between ISRO and the European Space Agency (ESA) focusing on Heliophysics. ISRO's achievements, including commercial missions like

placing ESA satellites into orbit, underscore its growing capabilities in the space sector, enhancing India's position in global space exploration and fostering international collaborations.

## Hanle, Ladakh: Ideal Hub for Quantum Communication Research

📄 SHARE

06-Dec-24

Indian researchers from the Raman Research Institute have identified Hanle in Ladakh as an ideal location for pioneering satellite-based quantum communications due to its unique geographical features, including low atmospheric water vapor and extreme cold. This site is critical for developing quantum key distribution technologies, essential for secure communications. The study emphasizes India's diverse terrains, which could serve as a universal template for global quantum satellite projects. The researchers aim to leverage this potential to enhance India's position in the global quantum technology landscape, underscoring the strategic importance of advancing quantum communication capabilities for national security and technological leadership.

## INS Vikramaditya Begins Key Upgrades at Cochin Shipyard

📄 SHARE

06-Dec-24

The Indian Navy's flagship aircraft carrier, INS Vikramaditya, has commenced a short refit and dry docking at Cochin Shipyard Limited, part of a ₹1,207.5 crore maintenance and modernization initiative aimed at enhancing its operational capabilities. This project will not only upgrade the carrier, which has been vital for India's maritime security since 2013, but also support over 50 Micro, Small, and Medium Enterprises, reinforcing the Make in India program. With its advanced MiG-29K fighter jets and surveillance systems, the upgrades will ensure INS Vikramaditya remains a critical asset in the Indian Navy's power projection and regional influence in the Indo-Pacific.

## Putin Backs Modi's Make in India, Pledges Russian Investment

📄 SHARE

06-Dec-24

President Vladimir Putin praised Prime Minister Narendra Modi's Make in India initiative during the VTB Russia Calling Investment Forum, expressing Russia's

readiness to invest in manufacturing operations in India. He highlighted the parallels between Russia's import substitution program and India's economic policies, emphasizing the importance of stable conditions for SMEs. Putin noted Russia's significant investments in India, including \$20 billion by Rosneft, and called for enhanced cooperation among BRICS nations to support SME growth. His remarks underscore India's rising global economic stature and the successful implementation of initiatives that attract foreign investment and foster local manufacturing, reinforcing India's strategic partnerships in the evolving geopolitical landscape.

## India's Gaganyaan Mission Begins with Uncrewed Spaceflight This Month

📄 SHARE

06-Dec-24

India's Gaganyaan mission is set for its first uncrewed spaceflight, G1, expected by the end of December 2024, marking a significant milestone in showcasing ISRO's human spaceflight capabilities. Following G1, two additional uncrewed missions (G2 and G3) are slated for 2025, leading up to a crewed mission in late 2026. Minister Jitendra Singh confirmed that critical systems, including propulsion stages and module structures, are ready, solidifying ISRO's technological preparedness. This initiative aims to position India as the fourth nation to send humans into space, enhancing its stature in global aerospace exploration and reflecting its growing capabilities in advanced technology and defense.

## Indian High Commissioner Bids Farewell Amid Renewed Ties with Maldives

📄 SHARE

06-Dec-24

Outgoing Indian High Commissioner Munu Mahawar's farewell to Maldives President Muizzu highlights the recent diplomatic thaw between India and the Maldives, particularly after Muizzu's state visit to India in October 2024. This visit led to a "Vision for Comprehensive Economic and Maritime Security Partnership," aimed at enhancing economic ties and social welfare in the Maldives, despite earlier tensions stemming from Muizzu's pro-China stance and an "India out" policy. The revitalization of relations underscores India's commitment to regional stability and collaboration, reinforcing the significance of diplomatic engagement in addressing geopolitical challenges in the Indian Ocean region.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
HBLPOWER	631.05	708.0	628.2	674.5	25920084	6.53	71.7	584.24	551.86
TEMBO	0.0	767.65	767.65	767.65	58850	5.06	89.62	558.1	312.17
NIBE	1765.0	1823.35	1746.05	1823.35	59090	5.0	58.76	1716.3	1714.21
MARINE	268.5	285.0	264.55	276.2	1430496	4.36	67.61	242.48	180.1
PTC	176.1	182.42	175.8	180.58	1753421	2.39	55.0	172.94	203.3
PARAS	1120.0	1158.0	1110.1	1138.8	264663	2.14	64.34	1033.68	1009.95
BEML	4300.0	4458.95	4287.65	4360.25	700086	1.62	67.4	4057.1	3875.93
LOKESHMACH	366.7	372.8	365.0	370.55	100945	1.56	53.15	363.21	389.55
DCXINDIA	335.9	342.0	331.8	336.35	330108	1.39	54.38	329.44	333.45
ZENTEC	1926.0	2033.0	1898.0	1912.6	2143441	1.36	58.38	1824.07	1368.22
GRSE	1775.0	1828.8	1770.0	1780.25	1050474	1.14	64.56	1556.93	1518.97
IDEAFORGE	602.5	608.0	598.8	604.75	100015	1.03	53.69	587.92	702.13
LT	3832.0	3883.95	3800.0	3866.7	1856562	0.92	67.94	3663.03	3596.06
HIGHENE	655.3	670.0	642.05	658.0	7595	0.88	61.8	608.74	711.02
COCHINSHIP	1682.0	1702.0	1650.5	1691.9	403528	0.57	66.4	1474.72	1662.01
AZAD	1754.0	1780.0	1735.0	1759.1	128355	0.55	62.9	1674.6	1508.02
SIKA	2534.0	2575.0	2534.0	2547.45	1599	0.52	53.58	2498.13	2427.36
MAZDOCK	4870.05	5010.9	4835.45	4879.4	2785303	0.37	71.3	4314.95	3644.14
ASTRAMICRO	795.65	801.9	791.1	796.9	102984	0.28	53.73	774.24	789.28
APOLLO	100.8	102.2	99.67	100.71	1674370	0.02	56.06	97.07	107.02
SOLARINDS	10855.0	10865.1	10710.0	10808.3	47593	-0.17	57.75	10269.84	9837.52
HAL	4584.4	4611.1	4550.0	4559.65	912032	-0.2	62.64	4332.58	4342.91
BDL	1222.0	1237.0	1202.0	1219.8	562163	-0.24	66.44	1068.0	1185.27
BEL	314.5	315.85	313.1	313.75	8359798	-0.24	66.56	296.76	271.49
MIDHANI	381.0	383.9	377.6	379.8	399019	-0.42	68.78	336.17	412.55
AVANTEL	173.25	173.79	170.5	171.44	445948	-0.56	60.39	157.57	-
ADANIENT	2520.0	2535.0	2502.5	2506.4	1240437	-0.64	43.23	2578.46	3051.56
LMW	16697.7	16920.0	16429.9	16565.75	3254	-1.29	58.01	15895.99	15970.27
DATAPATNS	2633.3	2649.8	2581.0	2599.45	146181	-1.29	62.56	2377.55	2711.63
CFF	701.1	718.0	693.1	702.0	12400	-1.6	64.36	642.97	604.75
MTARTECH	1780.0	1798.6	1756.55	1762.7	53934	-1.6	57.13	1713.11	1810.27
BHARATFORG	1383.0	1385.0	1351.3	1354.75	637711	-1.77	45.86	1347.49	1439.44
TANEJAERO	498.9	498.9	470.0	477.8	30516	-2.25	62.63	425.63	492.13
PREMEXPLN	488.0	488.0	465.9	468.6	122556	-2.41	52.62	450.53	507.66
KRISHNADEF	0.0	684.45	684.45	684.45	9000	-2.81	48.65	683.21	591.24
ROSSELLIND	0.0	92.61	92.61	92.61	4357	-2.84	27.42	91.9	426.77