



Defence Pro News & Analysis

October 28, 2024 | Day 302

Top Gainers

Stock	Close	Prev	Change
MARINE	200.09	190.57	+5.0%
KRISHNADEF	645.7	617.8	+4.52%
DCXINDIA	306.15	293.0	+4.49%
ADANIENT	2798.65	2693.45	+3.91%
PARAS	956.75	926.9	+3.22%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	74.72	78.66	-5.01%
BHARATFORG	1365.5	1400.2	-2.48%
CFE	537.5	547.4	-1.81%
APOLLO	100.32	102.13	-1.77%
SOLARINDS	10294.4	10464.85	-1.63%

Defense Business and Industry

Indian Navy Leads 250+ Projects, 176 Under iDEX for Self-Reliance



28-Oct-24

The Indian Navy is advancing its indigenization and innovation efforts with over 250 design and development projects underway, supported by financial commitments totaling 132.5 crore under the iDEX initiative. This push for self-reliance is critical given recent geopolitical challenges and aims to enhance indigenous capabilities across key areas such as propulsion, power generation, and weapon systems. With 63 of 65 Navy ships being constructed at Indian shipyards, the focus on indigenization is evident, achieving significant indigenous content levels. The iDEX scheme has garnered over 9,000 applications from startups and MSMEs, reflecting a vibrant defense ecosystem. As the Navy pursues a bottom-up approach to indigenization through partnerships with over 30 industries, upcoming events like the NIIO Seminar will showcase collaborative efforts aimed at fostering a sustainable, self-reliant defense manufacturing environment.

ICG Unveils Two Indigenous Fast Patrol Vessels by Goa Shipyard



28-Oct-24

On October 28, 2024, the Indian Coast Guard (ICG) launched two Fast Patrol Vessels (FPVs), Adamyia and Akshar, built by Goa Shipyard Ltd. (GSL) with over 60% indigenous content, as part of a contract for eight vessels at a cost of Rs 473 crore. These FPVs, designed for protection, monitoring, and surveillance, feature advanced specifications and were launched simultaneously using a state-of-the-art Ship Lift System. The Director General of ICG emphasized the importance of indigenization in defense under the 'Atmanirbhar Bharat' initiative, recognizing GSL's efforts in fulfilling the ICG's ship-building requirements. This milestone underscores India's commitment to enhancing its maritime capabilities while

fostering domestic industry growth, demonstrating a significant stride towards self-reliance in defense manufacturing.

Modi and Sanchez Lead Grand Roadshow for TATA-Airbus Facility



28-Oct-24

PM Modi and Spain's PM Sanchez conducted a grand roadshow in Vadodara ahead of the inauguration of the TATA-Airbus facility for assembling C-295 transport aircraft, with plans for 40 units to be produced in India and 16 supplied from Spain. This initiative, part of the "Make in India" strategy, aims to enhance domestic defense manufacturing capabilities while creating local employment. The facility will provide comprehensive lifecycle management for the aircraft, showcasing India's commitment to bolstering its defense ecosystem. Sanchez's visit marks a significant step in strengthening India-Spain relations, particularly in defense and aerospace collaboration, reflecting a positive trajectory in international defense partnerships.

Matsya-6000 Submersible's Safety System Passes Factory Test



28-Oct-24

The National Institute of Ocean Technology (NIOT) has successfully completed the Factory Acceptance Test (FAT) for the Human Support and Safety System (HS3) of the Matsya-6000 submersible, designed for deep-sea exploration up to 6,000 meters. This submersible supports three people for up to 12 hours, featuring advanced safety and oxygen systems. Following the FAT, a wet test is scheduled for October 2024 at Chennai harbour, marking a significant step toward operational deployment under India's Samudrayaan initiative. This achievement not only enhances India's capabilities in marine science but also positions the nation as a growing technological leader in deep-sea research, allowing exploration of biodiversity and hydrothermal vents.

Mazagon Dock Unveils Indigenous Helo Landing Grid for Navy SHARE

28-Oct-24

Mazagon Dock Shipbuilders Limited (MDL) has successfully developed an indigenous Helo Landing Grid in collaboration with Seetha Technologies, enhancing naval technology for helicopter operations on warships. This safety feature allows helicopters to land and take off independently from helidecks, constructed from high-tensile stainless steel with a unique honeycomb design for secure engagement. Previously reliant on foreign imports, this innovation signifies a crucial step towards self-reliance and foreign exchange conservation, bolstering the operational capabilities of the Indian Navy in missions like search and rescue and surveillance. This development underscores India's commitment to strengthening its defense infrastructure and reducing dependency on external sources.

Rafale M: India's New Maritime Powerhouse for Anti-Ship Warfare SHARE

28-Oct-24

The Indian Navy's upcoming induction of the Rafale M fighters will significantly enhance its maritime capabilities, primarily through the integration of the NASM-MR and BrahMos-NG anti-ship missile systems. The NASM-MR, with a range of 300 km, and the BrahMos-NG, capable of Mach 3.5, will enable long-range strikes while keeping Indian assets safe. Their advanced stealth and targeting systems will complicate interception for enemy defenses, allowing for high-speed, precision attacks on hostile vessels. This development underscores India's strategic commitment to securing its maritime interests in the Indian Ocean Region, ensuring operational readiness against potential threats.

Indian Navy's VLF Station to Boost SSBN Communication by 2027 SHARE

28-Oct-24

The Indian Navy is constructing a strategic Very Low Frequency (VLF) transmitting station in Vikarabad, Telangana, which will be operational by 2027 to enhance communication with its expanding fleet of nuclear submarines. This facility will be vital for maintaining secure links with ballistic missile submarines (SSBNs) while submerged, crucial for India's nuclear deterrent strategy. The VLF station will support the command and control of both SSBNs and future nuclear-powered attack submarines (SSNs), significantly bolstering India's undersea warfare capabilities and ensuring readiness during conflicts. Overall, this development underscores India's commitment to strengthening its maritime deterrence and securing its strategic assets.

CVRDE and IITM Team Up for Smart Sensors in Armoured Vehicles SHARE

28-Oct-24

The Combat Vehicles Research and Development Establishment (CVRDE) is collaborating with the Indian Institute of Technology Madras (IITM) to develop a smart antenna-based sensor for Active Protection Systems (APS) in future Indian armoured

vehicles. This initiative aims to bolster India's defence capabilities against evolving battlefield threats, including anti-tank missiles. The sensor system incorporates various modules, such as antenna arrays, phase shifters, and radar processing units, operating at a frequency of 20 GHz for optimal performance. This partnership highlights India's commitment to indigenizing defence technologies and enhancing the operational readiness of its armed forces, showcasing a significant advancement in indigenous defence R&D.

DRDO Invites Bids for AESA Radar for LCA AF Mk2 Fighter Jet SHARE

28-Oct-24

The DRDO's ADA has issued a tender for an Active Electronically Scanned Array Radar (AESA) to be integrated into the LCA AF Mk2 fighter jet, reflecting India's commitment to modernizing its indigenous defense capabilities. The AESA radar's modular design enables multi-functional operations, including air-to-air, air-to-ground, and air-to-sea missions, enhancing combat effectiveness and situational awareness. This initiative underscores India's focus on self-reliance in defense technology, with critical subsystems being adapted from earlier variants to streamline production. The integration of advanced AESA technology will significantly bolster the operational capabilities of the Indian Air Force, reinforcing India's strategic position in regional defense.

Armenia Becomes India's Top Defense Importer as Exports Soar SHARE

28-Oct-24

India's defense exports have surpassed Rs 21,000 crore, with Armenia emerging as the largest importer of Indian weapon systems, including Akash missiles and Pinaka rockets. This shift signifies India's transition from being the world's largest arms importer to a notable arms exporter, showcasing its enhanced defense manufacturing capabilities and strategic partnerships. The emphasis on exporting advanced defense technologies not only strengthens India's position in the global arms market but also bolsters its geopolitical influence in the region. Overall, this development reflects India's commitment to becoming a self-reliant defense powerhouse while supporting allied nations with essential military equipment.

Tata Aircraft's Vadodara plant to produce first C295 by 2026 SHARE

28-Oct-24

Tata Sons Chairman N Chandrasekaran announced that the Tata Aircraft Complex in Vadodara, in collaboration with Airbus, is set to deliver its first C295 aircraft by 2026. This manufacturing facility represents a significant advancement for India's defense industry and supports the "Make in India" initiative. The project showcases the Tata Group's commitment to enhancing indigenous capabilities by partnering with European firms, thus fostering technology transfer and local production. This collaboration is expected to strengthen India's defense capabilities, promote self-reliance, and boost the domestic aerospace sector, ultimately contributing to national security and economic growth.

India Expands C-295MW Fleet to Boost Indigenous Defense Capabilities [SHARE](#)

28-Oct-24

India is enhancing its military capabilities by negotiating the acquisition of 12 additional C-295MW transport aircraft from Airbus, focusing on indigenous content and aiming for 78% local components. This initiative builds on an initial order of 56 aircraft, marking a significant step towards self-reliance in defense manufacturing. The C-295MW program is pivotal not just for procurement but also for developing a robust domestic aerospace ecosystem, positioning India as a future global aerospace hub. By improving transport capabilities, the initiative will enable efficient troop and equipment deployment while fostering job creation and technological advancements in the local industry.

ADA to Recruit 200 Engineers for Tejas Mk2 Testing and Production [SHARE](#)

28-Oct-24

The Aeronautical Development Agency (ADA) plans to hire 200 engineers to support the testing and production of the Tejas Mk2, an advanced medium-weight fighter aircraft. This strategic move highlights ADA's commitment to enhancing India's aerial combat capabilities through improved systems and avionics as the Tejas Mk2 aims for Initial Operational Clearance (IOC) and Final Operational Clearance (FOC). The recruitment will bolster technical expertise in critical areas, facilitating streamlined production with Hindustan Aeronautics Limited (HAL) and accelerating certification processes. The Tejas Mk2 is set for its first flight in 2026, marking a significant advancement in India's indigenous defense capabilities and technology integration.

Space Rickshaw Secures First Defense Contract with iDEX Aditi [SHARE](#)

28-Oct-24

Chennai-based Space Rickshaw has secured its first defense contract with the Indian Defence Space Agency through the iDEX Aditi Challenge, just eight months after its establishment. The contract involves supplying innovative satellite separation systems designed for nanosats, emphasizing the company's rapid growth and its standout lightweight solutions in the global market. This achievement underscores the increasing recognition of Indian startups in the defense and space sectors and their potential to contribute to the country's strategic capabilities. By fostering such innovations, India is poised to strengthen its position in the global space industry, enhancing national security and technological independence.

MARCOS Tests HOVERBEE for Enhanced Maritime Reconnaissance [SHARE](#)

28-Oct-24

The Indian Navy's elite special forces unit, MARCOS, has begun testing the HOVERBEE, a portable reconnaissance system developed by Bengaluru's Zulu Defence Systems. This innovative technology enhances situational awareness and is designed for rapid deployment in high-stakes situations, particularly in maritime operations. The HOVERBEE's capabilities, including

real-time data delivery and minimal acoustic signature, may significantly improve intelligence-gathering for operations like anti-piracy and counter-terrorism. By integrating advanced tools like HOVERBEE, MARCOS reinforces its status as one of the world's most versatile special forces, ensuring operational safety and effectiveness in both maritime and land environments.

Israel invests \$530M in Iron Beam laser defense system [SHARE](#)

28-Oct-24

Israel is allocating \$530 million to accelerate the development of its Iron Beam laser air defense system, aimed at enhancing its interception capabilities against drones and projectiles from Hezbollah. The Iron Beam is expected to become operational within a year and will complement the existing Iron Dome system. This strategic investment highlights Israel's commitment to advanced defense technologies in the face of evolving threats, which may serve as a valuable model for other nations, including India, as they bolster their own defense systems to address regional security challenges. By adopting similar innovative technologies, India's defense capabilities could significantly enhance its deterrence and defensive posture.

Geopolitics and Security Alliances

China to Print Nepal's Banknotes Featuring Disputed Territories [SHARE](#)

28-Oct-24

The Nepal Rastra Bank has contracted China's Banknote Printing and Minting Corporation to print 300 million 100-rupee banknotes featuring a revised political map that includes the disputed territories of Lipulekh, Limpiyadhura, and Kalapani, which are currently administered by India. This decision follows Nepal's constitutional amendment in May 2020 that claimed these areas, intensifying tensions between India and Nepal. The strategic significance of the Kalapani area lies in its position at the tri-junction of India, Nepal, and Tibet, emphasizing Nepal's role as a buffer state. The move raises concerns about the validity of Nepal's claims over territories inhabited by Indian citizens and could undermine bilateral relations, particularly given India's historical and cultural ties with Nepal, which can serve as a counterbalance to increasing Chinese influence in the region.

Russian Ambassador Applauds India-China Talks, Urges BRICS Unity [SHARE](#)

28-Oct-24

Russian Ambassador Denis Alipov expressed optimism regarding improved India-China relations following their leaders' first meeting in five years at the BRICS summit in Kazan, emphasizing its significance for regional stability and cooperation. He highlighted the summit's outcomes, including the establishment of BRICS "partner states," new initiatives in various sectors, and a strengthened New Development Bank, aiming to enhance collaboration among emerging economies. Alipov refuted criticisms from Ukraine's President Zelenskyy

about the summit, underscoring BRICS' role in promoting a multipolar world and economic strength relative to groups like the G7. The dialogue reinforces India's strategic position in fostering regional ties and economic partnerships, reflecting a proactive approach to address global challenges and assert its influence within the BRICS framework.

India and China Achieve Major Disengagement in Eastern Ladakh

28-Oct-24

India and China have made notable strides in disengaging their troops along the Line of Actual Control in eastern Ladakh, with both nations agreeing to restore traditional patrolling and grazing areas. The process is advancing smoothly, following diplomatic and military discussions aimed at normalizing bilateral relations and enhancing peace and stability in the region. This progress is indicative of a constructive approach from both countries to resolve tensions and is crucial for maintaining security along the border. By prioritizing dialogue and cooperation, India demonstrates its commitment to peace while safeguarding its territorial integrity, which is essential for long-term stability in the region and reflects the strategic importance of maintaining a balanced power dynamic in Asia.

Israeli Strikes Deal Major Blow to Iran's Missile Capabilities

28-Oct-24

Israeli airstrikes on October 26, 2024, targeted multiple military sites in Iran, significantly damaging its missile production capabilities by destroying 12 essential mixers used for solid fuel, which Iran cannot produce domestically. The operation also struck facilities related to Iran's nuclear program and drone production, with Israeli officials asserting the strikes aimed at military rather than civilian targets. This action is viewed as a major setback for Iran's missile stockpile replenishment and could deter future large-scale attacks against Israel. Israeli Prime Minister Netanyahu emphasized that the target selection was driven by national interests, reflecting a proactive defense strategy amid rising regional tensions.

Nepal PM Oli's Upcoming China Visit to Discuss BRI and Ties

28-Oct-24

Nepal Prime Minister KP Sharma Oli is set to visit China next month, with plans to discuss the Belt and Road Initiative (BRI) aimed at enhancing regional infrastructure and connectivity. This visit underscores Nepal's strategy to fortify economic ties with China while emphasizing a balanced diplomatic approach with both India and China. Oli has reiterated that Nepal will not permit its territory to be used against either neighbor, reflecting a diplomatic stance that seeks to maintain sovereignty and peaceful relations. This development is crucial as it may influence regional dynamics, but India's strong historical and cultural ties with Nepal remain a significant factor in ongoing bilateral relations.

Jaishankar: Troop Disengagement a Key Step in LAC Stabilization

28-Oct-24

External Affairs Minister S. Jaishankar announced that the recent disengagement of troops at Depsang and Demchok in Ladakh marks a significant first step towards restoring the 2020 patrolling status along the Line of Actual Control (LAC) with China. He emphasized that while a consensus has been reached on patrolling, de-escalation will depend on reciprocal actions from China. Jaishankar highlighted the necessity for India to be assured of de-escalation on the Chinese side before further discussions on border management can commence, indicating a cautious but strategic approach in addressing the prolonged military standoff and reinforcing India's commitment to safeguarding its territorial integrity.

Pakistani leaders reaffirm support for Kashmir's self-determination.

28-Oct-24

Pakistani leaders, including President Asif Ali Zardari and Prime Minister Shehbaz Sharif, have reiterated their support for the Kashmiri people's right to self-determination on Kashmir Black Day. They emphasized Pakistan's commitment to the Kashmiri cause, alleging that India has suppressed their aspirations since the Indian forces landed in Srinagar 77 years ago. India maintains that Jammu and Kashmir, now Union Territories, are integral parts of the country, especially after the abrogation of Article 370 in 2019. This ongoing tension underscores the deep-rooted complexities in Indo-Pak relations, with India asserting its territorial integrity while Pakistan seeks international support for Kashmir, reflecting contrasting national narratives on sovereignty and self-determination.

India's ALBM Program: Enhancing Deterrence Amid Global Trends

28-Oct-24

India's air-launched ballistic missile (ALBM) program is gaining importance in the context of recent Israeli operations, highlighting the need for India to boost its indigenous capabilities. Although India has made strides with RAMPAGE and the Rudram series, there is a pressing requirement for long-range ALBMs to enhance deterrence against threats from Pakistan and China. The development of Rudram-IV, a hypersonic ALBM, and integration with advanced aircraft like Su-30MKI could significantly improve India's aerial dominance. Strengthening ALBM capabilities not only bolsters tactical flexibility and response options but also positions India as a competitive player in the global defense market for advanced missile technology.

Iran vows strong retaliation to Israeli airstrikes

28-Oct-24

Iran has vowed to respond decisively to recent Israeli airstrikes on its military sites, indicating that it will utilize all available resources to mount an effective counteraction. The attacks, which occurred over the weekend, have escalated tensions in the Middle East, prompting U.S. President Joe Biden to call for a

cessation of hostilities. This situation underscores the complex geopolitical dynamics in the region, where Iran's commitment to retaliate could further destabilize security and provoke a wider conflict. The Indian defense perspective highlights the importance of maintaining regional stability and the need for diplomatic solutions to prevent escalation among major powers in the area.

NATO Chief Calls North Korean Troop Deployment a Sign of Putin's Desperation

🕒 SHARE

28-Oct-24

NATO chief Mark Rutte described the deployment of North Korean troops to Russia as indicative of President Putin's "desperation" amid the ongoing conflict in Ukraine. This development signifies deepening military ties between Russia and North Korea, which Rutte argues could threaten security in both the Indo-Pacific and Euro-Atlantic regions. The alliance's concern highlights the potential for increased military collaboration among states with shared interests in challenging Western influence. For India, which maintains strategic interests in both regions, this situation underscores the importance of vigilance in regional security dynamics and the need for enhancing defense collaborations to counter any emerging threats from such alliances.

Military Operations

Assam Rifles Capture Two PLA Cadres at Indo-Myanmar Border

🕒 SHARE

28-Oct-24

Assam Rifles arrested two People's Liberation Army cadres, identified as N Priyo Singh and S Devjit Singh, near the Indo-Myanmar border in Manipur. This follows the apprehension of another cadre from the Prepak (Pro) and significant arms recoveries, including rifles and explosives, during recent operations. The persistent actions of the Assam Rifles illustrate India's commitment to securing its borders and combating insurgency in the northeastern states. This proactive stance not only deters illegal cross-border activities but also reinforces national security and stability in the region, showcasing the effectiveness of Indian defense forces in maintaining order against insurgent threats.

Indian Army Showcases THeMIS UGVs for Soldier Evacuations

🕒 SHARE

28-Oct-24

The Indian Army recently demonstrated the Tracked Hybrid Modular Infantry System (THeMIS) unmanned ground vehicle (UGV) during the Swavlamban Shakti exercise, showcasing its capabilities in evacuating injured soldiers. Procured from Estonia, THeMIS is a versatile UGV adept at various tasks like reconnaissance, logistics, and medical support, which can significantly enhance operational efficiency and survival rates of wounded personnel. Its proven effectiveness in missions like Operation Barkhane in Mali underscores its importance in

modern warfare. This demonstration reflects India's commitment to integrating advanced technologies into military operations, reinforcing its strategic edge and operational readiness in future combat scenarios.

Terrorism and Counterterrorism

Three terrorists neutralized in Akhnoor ambush attempt

🕒 SHARE

28-Oct-24

Three terrorists involved in an attempted ambush on an Army vehicle in Akhnoor, Jammu, have been neutralized in a sustained gunfight with security forces. This incident follows a recent uptick in terrorist activities in Jammu and Kashmir, including a deadly attack in Gulmarg that resulted in five fatalities. The increased aggression from terrorists is attributed to orders from handlers across the border, coinciding with the peaceful conduct of Lok Sabha and Assembly elections in the region. The Indian Army's prompt and decisive response showcases its commitment to maintaining security and stability, especially with the Diwali festival approaching, emphasizing the need for heightened vigilance and operational readiness to counter ongoing threats in a historically complex security environment.

Security Forces Under Review After Year of LoC Infiltration

🕒 SHARE

28-Oct-24

Investigations into the Gagangir and Botapathri terrorist attacks have revealed a year-long undetected infiltration along the Line of Control in Jammu and Kashmir, resulting in the deaths of seven individuals, including civilians and army personnel. The involvement of a local youth in these attacks highlights ongoing radicalization efforts, while one foreign terrorist reportedly crossed into the Valley earlier this year. The security forces are responding proactively, with the Jammu and Kashmir Lieutenant Governor affirming that the army, police, and security forces are reassessing their strategies to dismantle terror infrastructure effectively. This situation underscores the need for enhanced intelligence and vigilance to counteract infiltration attempts by terrorists, reinforcing India's commitment to maintaining security and stability in the region.

Jaishankar: India Will No Longer Tolerate Terrorism

🕒 SHARE

28-Oct-24

External Affairs Minister S. Jaishankar emphasized that India would not remain passive in the face of terrorism, referencing the 26/11 Mumbai attacks to highlight a changed stance towards zero tolerance against such threats. He asserted that India's commitment to counter-terrorism is robust and that responses to terrorism will be decisive moving forward. Jaishankar also mentioned the resumption of patrolling along the Line of Actual Control with China, signaling a return to pre-standoff arrangements. This reflects India's proactive approach in both counter-terrorism and border management, reinforcing its

resolve to safeguard national security and maintain regional stability.

Miscellaneous

German Chancellor Scholz Tours FGS Frankfurt in Goa, Boosting Defense Ties SHARE

28-Oct-24

German Chancellor Olaf Scholz visited Goa, where he interacted with Indian Navy officials and toured the German warship FGS Frankfurt, which recently completed maritime exercises with the Indian Navy. His visit, part of a broader engagement between India and Germany, included a delegation meeting onboard the indigenous aircraft carrier INS Vikrant. Scholz's trip highlights the strengthening defense ties between India and Germany, showcasing collaborative naval operations and fostering mutual strategic interests in maritime security. This growing partnership underscores India's commitment to enhancing its defense capabilities through international cooperation, reflecting its proactive stance in regional security dynamics.

Kuki Groups Rally Against Border Fencing Over Cultural Concerns SHARE

28-Oct-24

Kuki groups, including the Kuki Inpi and Kuki Chiefs Association, oppose the Indian government's plan to fence the India-Myanmar border and cancel the Free Movement Regime (FMR), citing concerns over cultural erosion and disruption of family ties. They argue that the porous border is crucial for maintaining their social networks and cultural identity. However, the government defends the fencing as necessary to curb illegal immigration, drug smuggling, and insurgent activity, especially given the recent ethnic violence in Manipur. This situation highlights the delicate balance between security measures and respecting the historical and cultural rights of indigenous communities in border regions.

Ambassador Alipov: Indian Banks' Caution Hinders Rupee-Ruble Trade SHARE

28-Oct-24

Russian Ambassador Denis Alipov highlighted the challenges in establishing a ruble-rupee trade mechanism due to the cautiousness of Indian banks influenced by U.S. sanctions. He emphasized the importance of India maintaining its financial relationships with countries like Russia, China, and others, advocating for a more equitable voice in global financial matters. Alipov noted the ongoing defense collaboration, including the BrahMos missile project and nuclear energy initiatives, reinforcing the strength of India-Russia ties despite external pressures. He expressed optimism for improved understanding within India's banking sector regarding safe transactions with Russia, underlining the potential for deeper cooperation in areas like the Arctic and Far East.

ISRO Chief Envisions Indian Space Station as Lunar Launch Hub SHARE

28-Oct-24

ISRO Chief Dr. Somanath announced plans for an Indian Space Station, the Bharatiya Antariksha Station, by 2035, aiming to enhance India's role in global space exploration and increase its market share from 2% to 10%. Key upcoming missions include the Gaganyaan manned mission in 2026 and the Chandrayaan-4 lunar sample return in 2028, with a heavier rover mission, Chandrayaan-5, to follow. India's advancements in lander technology position it well for lunar missions from the space station, and future plans include studying Venus. This ambitious Space Vision 2047 underscores India's commitment to expanding its space capabilities and scientific research.

TSMC's Chang Optimistic on Global Semiconductor Growth and India SHARE

28-Oct-24

TSMC co-founder Morris Chang expressed confidence in the company's future within the global semiconductor industry, highlighting its commitment to advanced technology and efficient manufacturing. He announced the upcoming mass production of its 2-nanometer process technology and an even more advanced A16 process by late 2026, alongside a remarkable 33.1% net profit increase in 2024. Despite global trade tensions, TSMC's projections of 30% sales growth bolster Chang's optimism. This resilience underscores the importance of strategic partnerships and innovation, presenting an opportunity for India to leverage TSMC's advancements to enhance its own semiconductor capabilities, aligning with national defense goals and technological self-reliance.

Spanish President Pedro Sanchez Visits Vadodara to Boost Defense Ties SHARE

28-Oct-24

Spanish President Pedro Sanchez's visit to Vadodara includes the inauguration of Tata Advanced Systems Limited's (TASL) C295 aircraft final assembly line, a significant "Make in India" initiative bolstering India's defense manufacturing capabilities. This facility marks a pivotal development as the first private sector final assembly line for military aircraft in India. The event will feature a cultural roadshow and a bilateral meeting with Prime Minister Narendra Modi at the historic Laxmi Vilas Palace, focusing on enhancing India-Spain relations. This collaboration underscores India's commitment to self-reliance in defense and the strengthening of international partnerships in the defense sector.

Japanese Navy Ship J S Murasame Visits Kochi, Boosting Ties SHARE

28-Oct-24

The Japan Maritime Self-Defense Force Ship J S Murasame made a port call at Kochi from October 25 to 27, marking a significant step in enhancing maritime cooperation and Navy-to-Navy ties between India and Japan. A warm reception included interactions between Cdr Hayakawa Masahiro and Indian naval officials, focusing on mutual maritime interests and

interoperability. This visit highlights the strengthening of professional relations and best practices exchange between the Indian Navy and the Japan Maritime Self-Defense Force, showcasing their commitment to regional security amidst increasing maritime challenges. Such engagements reinforce the strategic partnership and collaborative defense efforts between the two nations in the Indo-Pacific region.

Indian airlines face over 50 bomb threats in one day [SHARE](#)

28-Oct-24

On October 27, Indian airlines faced over 50 bomb threats in a single day, marking more than 350 hoax threats within two weeks. Major carriers like IndiGo and Vistara were significantly affected, prompting thorough security checks before flights resumed. The Indian government has urged social media platforms to take immediate action against misinformation that disrupts public order and airline operations, emphasizing the need for stringent measures under the IT Rules, 2021. This situation highlights the challenges posed by digital misinformation and the importance of robust security measures to ensure passenger safety and maintain confidence in the aviation sector.

INS Talwar Enhances India-France Maritime Ties in La Reunion [SHARE](#)

28-Oct-24

The Indian Navy's stealth frigate INS Talwar arrived at La Reunion on October 27, 2024, to enhance India-France maritime cooperation in the Indian Ocean Region. This visit aims to address regional security challenges and includes interactions with the French Navy. Having participated in the IBSAMAR VIII multilateral exercise in South Africa, INS Talwar, commissioned in 2003 and under the command of Captain Jithu George, signifies India's commitment to strengthening strategic partnerships. The enduring India-France relationship is pivotal for regional stability, emphasizing collaborative efforts in maritime security and defense.

ISRO Chief Envisions Indian Space Station as Lunar Launch Pad [SHARE](#)

28-Oct-24

ISRO Chairman Dr. S. Somanath expressed confidence in establishing the Bhartiya Antriksh Space Station as a launch point for lunar exploration, reflecting India's advancements in lander technology. During the Sardar Patel Memorial Lecture 2024, he outlined India's Space Vision 2047, emphasizing future missions to the Moon, Mars, and Venus, alongside ISRO's commitment to addressing national needs in resource management and communications. Somanath highlighted India's indigenous capabilities in satellite and space systems as a testament to the country's innovative spirit, aiming to enhance

global welfare through space technology. This ambitious vision asserts India's growing leadership in space exploration, enhancing its strategic capabilities and international standing.

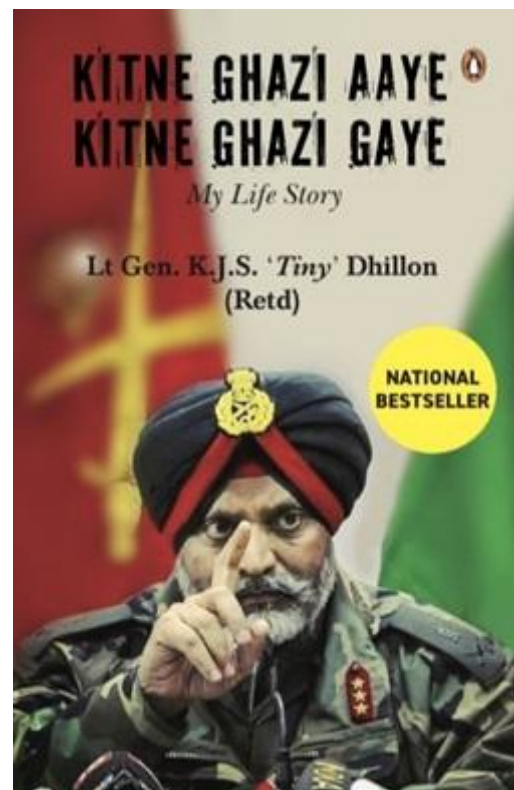
Swavlamban 2024: Showcasing Indian Defense Innovation [SHARE](#)

28-Oct-24

The Swavlamban 2024 exhibition, inaugurated by Admiral Dinesh K Tripathi, showcases innovative technologies developed by Indian defense startups and MSMEs, emphasizing the theme of "Strength and Power through Innovation and Indigenisation." The event, part of the Naval Innovation and Indigenisation Organisation's initiative, aims to foster collaboration between fund seekers and providers, enhancing the defense ecosystem. With significant participation from military, academia, and the public, this exhibition is expected to bolster a culture of creativity and effectively address emerging national security challenges. The inclusion of interactive outreach sessions underlines the commitment to addressing critical defense problems through innovative solutions.

KITNE GHAZI AAYE KITNE GHAZI GAYE has been shortlisted by Crossword [SHARE](#)

28-Oct-2024



KITNE GHAZI AAYE KITNE GHAZI GAYE has been shortlisted by Crossword in Non Fiction Category for Popular Choice Awards 2024. The voting line closes 25 November 2024. Request vote and support if you loved KGAKGG Search for Hashtag #KGAKGG on Twitter/X OR use this voting link: [Vote](#)

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
MARINE	185.1	200.09	185.1	200.09	365314	5.0	35.95	223.47	162.02
KRISHNADEF	629.0	647.0	625.35	645.7	15500	4.52	41.12	684.12	581.55
DCXINDIA	292.0	307.65	288.25	306.15	321629	4.49	43.46	313.22	335.97
ADANIENT	2701.1	2822.4	2672.1	2798.65	1385033	3.91	35.51	3020.96	3107.24
PARAS	926.9	973.2	895.95	956.75	233327	3.22	35.01	1047.21	973.51
ASTRAMICRO	720.0	753.5	718.4	749.6	188619	2.83	34.2	808.34	765.62
PTC	171.06	177.3	169.8	175.6	1059918	2.53	32.59	189.4	208.79
PREMEXPLN	424.05	447.0	406.25	436.5	103294	2.43	27.42	496.17	486.43
TANEJAERO	415.85	433.0	410.0	418.75	54576	2.25	28.33	470.93	488.1
NIBE	1559.9	1600.0	1492.0	1594.0	20709	2.09	34.46	1750.11	1606.21
MIDHANI	318.9	328.25	312.6	325.05	431815	1.93	25.85	366.92	428.71
HBLPOWER	525.2	539.6	517.5	533.4	794173	1.73	29.5	591.8	542.01
DATAPATTNS	2189.9	2229.0	2116.5	2191.9	158182	1.58	33.73	2353.88	2647.82
BDL	1033.65	1058.3	1010.0	1047.9	446068	1.38	33.53	1131.54	1157.25
ZENTEC	1705.0	1739.95	1644.05	1718.6	260197	1.22	45.13	1790.64	1227.69
BEML	3747.6	3825.0	3682.7	3776.0	146121	1.08	48.02	3765.15	3771.6
GRSE	1510.0	1564.4	1469.4	1521.6	641421	1.08	37.47	1671.95	1426.62
HIGHENE	587.95	587.95	553.9	576.35	7111	1.06	29.06	646.45	707.81
MTARTECH	1514.3	1533.1	1495.4	1517.45	146968	0.65	27.75	1688.71	1860.7
LT	3316.0	3373.0	3262.55	3340.8	2991674	0.43	31.2	3510.09	3576.19
IDEAFORGE	604.0	613.45	601.0	606.95	169452	0.12	26.23	664.26	723.74
AZAD	1409.4	1426.95	1382.4	1408.5	70204	0.06	38.39	1468.5	1397.22
SIKA	2640.0	2640.0	2360.1	2425.0	1709	0.03	38.33	2568.08	2301.32
AVANTEL	168.43	169.9	165.01	167.79	709516	0.02	42.14	176.26	-
LOKESHMACH	353.35	355.0	343.35	352.4	32584	-0.07	35.37	379.57	390.52
COCHINSHIP	1374.95	1394.0	1340.0	1361.65	597834	-0.27	26.37	1576.43	1576.68
HAL	4200.0	4218.9	4098.2	4148.75	1207398	-0.4	35.18	4378.2	4161.96
BEL	276.7	277.95	267.4	270.05	24479817	-0.84	38.47	279.8	256.73
MAZDOCK	4100.0	4151.05	3992.0	4015.95	1578873	-1.14	42.3	4228.16	3372.73
SOLARINDS	10500.0	10555.05	10210.0	10294.4	46883	-1.63	35.22	11110.66	9370.55
APOLLO	104.55	105.69	99.32	100.32	3424480	-1.77	49.35	99.67	110.33
CFF	550.0	560.0	537.0	537.5	9600	-1.81	29.38	591.0	583.89
BHARATFORG	1392.0	1409.0	1357.9	1365.5	1700514	-2.48	27.68	1463.47	1420.25
ROSSELLIND	75.87	75.87	74.72	74.72	49786	-5.01	15.39	100.31	437.8