



Defence Pro News & Analysis

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Top Gainers

Stock	Close	Prev	Change
GRSE	1664.1	1538.15	+8.19%
DATAPATTNS	2377.15	2238.15	+6.21%
ROSSELLIND	105.2	99.64	+5.58%
MTARTECH	1737.1	1645.55	+5.56%
PTC	197.83	188.14	+5.15%

Top Losers

Stock	Close	Prev	Change
AVANTEL	176.4	184.8	-4.55%
NIBE	1768.15	1782.95	-0.83%

Defense Business and Industry

India and France Unite to Create Aeronautics Hub, Enhancing Aerospace Collaboration

08-Oct-24

France and India are set to develop an aeronautics cluster, enhancing their aerospace cooperation, as highlighted by French Ambassador Thierry Mathou. This initiative is part of a broader strategy to strengthen bilateral ties, focusing on sustainable aviation and technological innovation. The French aerospace industry exported 2.7 billion euros to India in early 2024, underscoring the economic significance of this partnership. The proposed aeronautics cluster reflects both nations' commitment to advancing their aerospace capabilities while addressing critical global challenges like decarbonization. By collaborating on Sustainable Aviation Fuel (SAF) and establishing an Indo-French campus, both countries are poised to enhance their strategic partnership and bolster innovation in the aerospace sector, which is vital for India's growing defense and civil aviation needs. This cooperation is likely to yield significant advancements in technology and sustainability, benefiting both economies in the long run.

Unveiling Yard 3026: Nirdeshak's Arrival

08-Oct-24

The Indian Navy has received the Nirdeshak, the second of four Survey Vessel (Large) ships, on October 8, 2024, from Garden Reach Shipbuilders & Engineers. This vessel is equipped with advanced hydrographic technology and supports the government's Aatmanirbhar Bharat initiative, enhancing India's maritime capabilities in the Indian Ocean. The first ship, INS Sandhayak, was commissioned earlier this year. The delivery of Nirdeshak marks a significant step in India's naval development and self-reliance in defense manufacturing. With over 80% indigenous content, it underscores the government's commitment to bolstering local industries while fulfilling critical

operational needs for maritime survey and navigation, vital for both defense and civil purposes. This initiative serves to strengthen India's strategic posture in the increasingly contested waters of the Indian Ocean Region.

India to Export Retiring T-72 Tanks: Experts Warn of Risks from Shell Companies and Ukraine Conflict

08-Oct-24

The Indian Army is set to retire several T-72 main battle tanks, considering export opportunities while facing concerns about potential misuse in conflicts like Ukraine. Defense analysts stress the importance of thorough vetting for buyers to prevent these tanks from falling into the wrong hands. India must navigate this export carefully to uphold its commitment to responsible arms trade while addressing the global demand for military equipment. The move to retire T-72s reflects India's shift toward modern warfare capabilities, but it necessitates a balanced approach in the export process. Concerns about shell companies acquiring these tanks highlight the complexities of arms trade in a volatile global landscape. Ensuring that exported military equipment does not exacerbate conflicts or contribute to human rights abuses is essential for India, preserving its reputation as a responsible arms supplier.

Russia Offers PS-90 Engine Upgrade for India's Aging Il-76 Fleet

08-Oct-24

Russia has proposed an upgrade for India's Il-76MD transport aircraft, suggesting the replacement of older engines with the more efficient Aviadvigatel PS-90. The Indian Air Force is assessing options to extend the service life of its fleet, which has been operational since the 1980s. The decision could shape the IAF's future strategic airlift capabilities, balancing modernization against the need for new acquisitions. The potential upgrade of the Il-76MDs illustrates the IAF's commitment to maintaining operational efficiency amid evolving defense needs. Transitioning to the PS-90 engine could enhance performance and reduce operational costs, while the consideration of the Il-76MD-90A signals a strategic pivot towards deeper defense collaboration

with Russia. Ultimately, the IAF's decision will reflect its broader modernization goals and geopolitical considerations.

BBBS Launches 'Vajra Strike': The AI-Driven Direct Energy Weapon to Combat Drones

08-Oct-24

Big Bang Boom Solutions Private Limited (BBBS) has unveiled the Vajra Strike, a cutting-edge direct energy weapon system aimed at neutralizing aerial threats with high precision. This technology enhances India's counter-drone capabilities and emphasizes the country's advancements in defense innovation. With its AI-driven targeting and versatility, the Vajra Strike positions itself as an essential tool for security forces globally. The introduction of the Vajra Strike reflects India's commitment to advancing its defense technologies amid rising aerial threats, particularly from drones. This development not only enhances national security but also reinforces India's position as a leader in indigenous defense solutions, showcasing its capacity for innovation. The incorporation of AI and direct energy technology in the system illustrates a significant advancement in counter-drone methodologies, potentially setting new operational standards for urban and critical infrastructure protection.

BEL Lands ₹500 Crore in New Defence Contracts, Elevating Order Book to ₹7,689 Crore

08-Oct-24

Bharat Electronics Limited (BEL) has received new orders totaling over 500 crore, enhancing its position in India's defense sector following an earlier order of 850 crore. The contracts cover essential defense systems and reflect BEL's alignment with the "Atmanirbhar Bharat" initiative, promoting self-reliance in defense production. With a total order book of 7,689 crore for the current financial year, BEL showcases its commitment to indigenous development and manufacturing. This surge in orders not only bolsters BEL's financial performance but also underscores the strategic importance of indigenous defense capabilities amid rising regional tensions. By focusing on developing homegrown technology, BEL supports India's goal of reducing dependency on foreign defense systems and enhances national security. Such initiatives are vital for fostering technological advancements and strengthening the overall defense infrastructure, allowing India to better respond to contemporary security challenges.

Optiemus Vajra Drones Breaks New Records in Altitude, Range, and Endurance at Him Drone-A-Thon 2024

08-Oct-24

Optiemus Unmanned Systems (OUS) showcased its Vajra series drones at the Him Drone-A-Thon 2024, successfully demonstrating their high-altitude capabilities in Leh-Ladakh. The trials tested the drones' performance in loitering munitions and surveillance at altitudes exceeding 19,000 feet AMSL. This achievement underscores OUS's role in advancing India's indigenous drone technology for defense applications. The successful demonstration of the Vajra drones at extreme

altitudes reflects India's commitment to enhancing its UAV capabilities for strategic military applications, particularly in challenging terrains like the Himalayas. As regional security dynamics evolve, such advancements are crucial for maintaining operational readiness and sovereignty in border areas, making OUS a significant player in India's defense ecosystem.

Defence Ministry Set to Acquire Aerial Reconnaissance Gear

08-Oct-24

The Indian Ministry of Defence is set to procure Aerial Engineer Recce Equipment (AERE) to enhance real-time terrain data acquisition for critical engineering tasks. This advanced system, comprising UAVs and various sensors, is intended to improve operational efficiency in diverse military engineering roles. With features like autonomous operation and rapid deployment, AERE will significantly bolster the Indian Armed Forces' capabilities. The procurement of the AERE reflects India's strategic emphasis on modernizing its military infrastructure and enhancing operational readiness. The system's capabilities, especially in GNSS-denied environments and rapid deployment, address contemporary battlefield requirements, enabling the Indian Armed Forces to conduct complex engineering tasks more efficiently in diverse and challenging terrains. This investment underscores India's commitment to leveraging technology in defense logistics and operational planning, ensuring adaptability in future conflicts.

Sagar Defence Engineering Secures Patent for Innovative Self-Learning Command & Control System

08-Oct-24

Sagar Defence Engineering has received a patent for its Self-Learning Command & Control Module for Navigation (GENISYS), aligning with India's Atmanirbhar Bharat initiative. This innovative system enhances military adaptability through autonomous technologies, improving operational efficiency and decision-making. GENISYS represents a pivotal advancement towards achieving greater defense autonomy in India. The patent for GENISYS underlines India's commitment to self-reliance in defense technology. By focusing on autonomous systems and self-learning capabilities, Sagar Defence Engineering enables the Indian military to respond effectively to evolving threats while enhancing safety for personnel. The emphasis on data analysis and fast-tracked decision-making positions India to better manage contemporary security challenges, reflecting a strategic shift in defense capabilities.

Zen Technologies' Prahasta: The Game-Changing Robotic Canine Transforming Warfare in India

08-Oct-24

Prahasta, a quadruped robotic platform named after a warrior from the Ramayana, enhances the Indian armed forces' capabilities through advanced AI and LIDAR technology for autonomous navigation and combat. Its versatile design allows for military and humanitarian applications, indicating a broader utility beyond warfare. This innovation reflects India's

commitment to modernizing its defense infrastructure and maintaining a competitive edge in global security dynamics. The introduction of Prahasta underscores India's strategic pivot toward integrating advanced robotics in its military operations, signifying a shift in how defense engagements are conducted. As geopolitical tensions persist in the region, Prahasta's multifunctionality and operational endurance may provide India with a tactical advantage. Additionally, its applicability in disaster relief and border security highlights the potential for dual-use technologies, fostering a more resilient national security posture while addressing non-traditional threats.

Department of Defence Production's Special Campaign 4.0 is in Full Motion!

08-Oct-24

The Department of Defence Production (DDP) has launched Special Campaign 4.0 focusing on cleanliness across its Defence Public Sector Undertakings (DPSUs) from October 2 to October 31, 2024. The initiative targets the disposal of unserviceable materials and aims to free up significant space while engaging thousands of participants. So far, notable progress has been reported, including the disposal of over 30,000 MT of scrap. The campaign not only contributes to improving the operational environment within the defense sector but also aims to enhance efficiency and resource management. By actively involving personnel and utilizing social media for awareness, DDP is fostering a culture of accountability and environmental responsibility among its organizations. This initiative aligns with broader governmental objectives of cleanliness and waste management, reflecting a strategic commitment to improve both defense infrastructure and public perception.

Raksha Mantri and German Counterpart Explore Enhanced Defence Collaboration in Phone Call

08-Oct-24

Indian Defence Minister Rajnath Singh and German Defence Minister Boris Pistorius held a telephonic conversation to review ongoing defence cooperation. They discussed enhancing defence industrial collaboration and supply chain resilience, with plans for an in-person meeting to solidify these engagements. Their dialogue aims to position defence as a central aspect of India-Germany relations. This conversation underscores the growing strategic partnership between India and Germany, particularly in defence, amid shifting global geopolitical dynamics. Strengthening industrial collaboration and supply chain resilience is crucial for both nations as they navigate regional security challenges. Such engagements are likely to enhance mutual interests and foster innovation in defence capabilities.

RTX Powers IAF's Transport Modernization with PW127G & V2500-E5 Engines for C-295 and C-390 M

08-Oct-24

Pratt & Whitney reaffirms its support for the Indian Air Force (IAF) as it celebrates its 92nd anniversary, emphasizing its role in modernizing transport capabilities. The company, with nearly 70

years of partnership, is set to enhance the IAF's strategic airlift operations through advanced engines and technology. RTX's commitment includes significant investments in India's aerospace ecosystem, aligning with the country's defense self-reliance goals. The collaboration between the IAF and Pratt & Whitney represents a strategic alignment aimed at bolstering India's defense capabilities through modernization. By investing in local production and talent development, RTX not only enhances operational readiness but also supports India's broader vision of self-sufficiency in defense manufacturing, reinforcing its geopolitical stance in a competitive regional environment.

US Greenlights \$175 Million MK 54 Torpedo Deal for India's MH-60R Helicopters

08-Oct-24

The US State Department has approved a \$175 million sale of MK 54 MOD 0 Lightweight Torpedoes to India, part of a broader package of military sales. This deal includes 53 torpedoes and essential support for India's MH-60R helicopters, enhancing its anti-submarine warfare capabilities. The sale underscores the strengthening US-India strategic partnership amid increasing Chinese naval activity in the Indian Ocean. This sale represents not only a significant upgrade to India's maritime capabilities but also a strategic alignment with US interests in countering China's assertiveness in the region. By bolstering India's defense, the US aims to maintain a balance of power in the Indo-Pacific, highlighting the growing importance of international partnerships in addressing regional security challenges.

IAF and GTRE Set Sights on MiG-29UPG for Kaveri Engine Testing

08-Oct-24

The Indian Air Force (IAF) is repurposing a MiG-29UPG fighter jet as a Flying Test Bed for the Kaveri engine program, extending the aircraft's operational life by eight years. This strategic shift prioritizes safety in testing new engines, as the twin-engine MiG-29UPG is more resilient than single-engine alternatives. Expected modifications will enable the integration of the Kaveri engine, crucial for developing indigenous unmanned combat aircraft. This initiative reflects India's commitment to self-reliance in defense technology, particularly in jet engine development. By leveraging the operational capabilities of the MiG-29UPG, the IAF aims to mitigate risks associated with testing unproven engines while supporting the evolution of indigenous military aviation. The successful integration of the Kaveri engine could significantly enhance India's aerospace capabilities and reduce dependence on foreign technologies.

NETRA AEW&C Program Approaches Final Operational Readiness

08-Oct-24

India's indigenous Airborne Early Warning and Control System (AEW&C) known as NETRA is nearing Final Operational Configuration (FOC) after seven years of development. The Defence Research and Development Organisation (DRDO) aims to finalize this milestone by year-end, enhancing the Indian Air Force's (IAF) surveillance capabilities. The IAF currently utilizes

two NETRA Mk1 systems while planning future acquisitions of advanced variants. The advancement of the NETRA program signifies India's growing self-reliance in defense technology, crucial for national security amid regional tensions. Achieving FOC will bolster the IAF's strategic oversight, enabling a proactive response to aerial threats, and underscores the effectiveness of indigenous defense initiatives in strengthening India's military infrastructure.

Saab Presents Sea Wasp ROV to Indian Navy for Efficient Mine Clearance

08-Oct-24

Saab has proposed its Sea Wasp Remotely Operated Vehicle (ROV) system to the Indian Navy for underwater mine clearance. This advanced system offers a modular design, powerful maneuverability, and user-friendly operation, making it ideal for challenging underwater environments. The Indian Navy's decision will hinge on cost, performance, and compatibility with existing assets. The introduction of the Sea Wasp ROV aligns with India's strategic focus on enhancing its naval capabilities, particularly in countering underwater threats. Given the growing importance of maritime security in the Indian Ocean region, adopting such advanced technologies can significantly bolster the Indian Navy's operational efficacy and readiness in complex scenarios, especially in areas prone to maritime threats.

NSG to Acquire 100 AK Mod Kits from SSS Defence

08-Oct-24

The National Security Guard (NSG) is enhancing its capabilities by procuring 100 AK Mod Kits from SSS Defence to upgrade their AK-47 rifles. These modifications aim to improve operational efficiency and adaptability in counter-terrorism missions. The enhancements include ergonomic features and versatility for mounting various tactical accessories. This acquisition reflects India's focus on modernizing its defense capabilities while maintaining the operational familiarity of established weapon systems. The use of upgraded AK-47s not only boosts the NSG's effectiveness in specialized operations but also promotes logistical simplicity by utilizing existing ammunition and training protocols, thereby optimizing both cost and readiness.

MIDHANI Unveils Bulletproof Isuzu V-Cross: Elevating Safety Standards

08-Oct-24

The Military Engineering Services has collaborated with MIDHANI to create a bulletproof vehicle based on the Isuzu V-Cross platform, enhancing security measures in India. This armored vehicle aims to meet the growing demand for high-level protection in various sectors, including military and law enforcement. With a projected price range of ₹39-47 lakh, it is positioned to redefine standards of safety and performance in the Indian automotive market. This partnership underscores India's increasing focus on indigenous defense solutions, leveraging local manufacturing capabilities to enhance national security. By utilizing the Isuzu V-Cross's robust design and MIDHANI's advanced materials expertise, the project not only bolsters the defense sector but also aims to meet the escalating

requirements for armored vehicles domestically, likely fostering further innovations in the industry.

Revolutionizing Defence: Indian Army Boosts Armoured Power with T-90 Tanks

08-Oct-24

The Indian Army has successfully overhauled the T-90 Bhishma tank, marking a significant achievement in its Decade of Transformation initiative. General Upendra Dwivedi lauded the Corps of Electronics and Mechanical Engineers for their skill and innovation in revamping the tank. This overhaul not only enhances operational readiness but also reflects India's commitment to self-reliance in defense technology. The overhaul of the T-90 Bhishma tank is emblematic of India's strategic shift towards bolstering indigenous defense capabilities. By emphasizing local production and maintenance, the Indian Army aims to reduce dependency on foreign suppliers while ensuring that its armored formations remain modern and effective. This initiative aligns with the broader Atmanirbhar Bharat vision, promoting technological advancement and operational readiness amidst evolving security challenges.

Airbus CEO: Boosting Component Sourcing from India

08-Oct-24

Airbus plans to significantly ramp up its sourcing of components from India, with expectations to double this sourcing every five years, potentially reaching 1 billion euros by 2024. The company, which has secured extensive aircraft orders from IndiGo and Air India, acknowledges India's status as the fastest-growing civil aviation market globally. A delegation from GIFAS is visiting to explore further partnerships. This strategic move by Airbus reflects India's burgeoning potential in the aerospace sector, driven by a robust demand for aircraft amid rising air travel. The collaboration could enhance India's manufacturing capabilities, foster technological advancements, and bolster bilateral ties, positioning India as a key player in the global aerospace supply chain.

Why the Indian Army Chooses Indigenous LCH 'Prachand' for High Altitudes While 'Apaches' Go to the Desert

08-Oct-24

The Indian Army is deploying the indigenous Light Combat Helicopter (LCH) "Prachand" in high-altitude regions while reserving the Boeing AH-64E Apache Guardians for desert operations, despite delays in Apache deliveries. The LCH's design and capabilities make it more suited for challenging terrains, particularly in mountainous environments. This strategic allocation underscores India's focus on optimizing its defense capabilities amid regional tensions, particularly with Pakistan. The deployment strategy reflects India's adaptive military approach, leveraging indigenous technology with the LCH for high-altitude warfare, while utilizing the Apache for its superior anti-armor capabilities in desert operations. This bifurcated deployment aligns with India's efforts to enhance operational efficiency and readiness, addressing potential threats from adversaries effectively. The challenges faced by the Apache in

high-altitude environments highlight the need for specialized platforms like the LCH, reinforcing India's commitment to developing indigenous solutions that cater to its specific geographical and tactical requirements.

Defense Policy and Budgeting

IAF Chief: Let's Pursue a More Capable and Self-Reliant Air Force!

08-Oct-24

Air Chief Marshal Amar Preet Singh emphasized the Indian Air Force's need to adapt to evolving global security challenges during the 92nd Annual IAF Day celebrations. He outlined the importance of technological advancements and innovative strategies to enhance operational capabilities while honoring the sacrifices of air warriors. Singh also highlighted the successful multinational exercise Tarang Shakti, showcasing India's defense prowess and commitment to humanitarian efforts. The Chief of Air Staff's statements reflect a strategic pivot for the IAF, recognizing the dynamic nature of modern warfare and the necessity for self-reliance. The emphasis on joint exercises like Tarang Shakti underscores the importance of international collaboration for operational readiness. Additionally, the focus on humanitarian assistance reinforces the IAF's role beyond traditional combat, enhancing its image as a versatile and responsive force in regional and global contexts.

Rafale Deal: Revisiting Parrikar's Warnings and the 2024 Pricing Challenge

08-Oct-24

In 2015, Defence Minister Manohar Parrikar warned about the escalating costs of procuring Rafale fighter jets from France, specifically highlighting the potential strain on India's defense budget due to high acquisition prices and local production terms. Negotiations faced hurdles, leading to a significant reduction from the initial 126 jets to 36, amid concerns of financial transparency and indigenous capabilities. As India contemplates acquiring naval Rafale variants in 2024, cost considerations remain central, influenced by inflation and the complexities of local manufacturing. The ongoing discussions surrounding the Rafale procurement reflect India's critical balance between enhancing its air power and managing budgetary constraints. The shift from 126 to 36 jets underscores the pressure on the defense budget, while the potential acquisition of naval variants further complicates financial commitments. As both inflation-adjusted costs and local production expenses mount, India faces a pivotal decision on whether the Rafale remains a viable option, emphasizing the need for a strategic yet fiscally responsible defense procurement strategy.

US Launches Bold Nuclear Modernization Amid Rising Global Threats

08-Oct-24

The U.S. is modernizing its nuclear arsenal in response to global security threats from Russia, China, North Korea, and Iran, as outlined in a recent NNSA report. The initiative aims to enhance

the effectiveness and reliability of U.S. nuclear capabilities to maintain a credible deterrent. This modernization is deemed essential in an increasingly volatile geopolitical landscape marked by the erosion of nuclear norms. The report highlights a significant shift in the global security paradigm, where nuclear capabilities play a crucial role in national defense strategies. The focus on modernization underscores the U.S. intention to remain a global leader in nuclear deterrence amidst rising tensions with adversaries. For India, this development may necessitate reassessing its own defense policies and nuclear strategies, especially concerning regional stability and security dynamics in South Asia.

IAF at a Crossroads: Quick Wins with MRFA vs. Long-Term Force Multipliers

08-Oct-24

The Indian Air Force (IAF) is at a pivotal point in determining whether to prioritize the MRFA program for immediate fighter squadron needs or invest in long-term capabilities like indigenous engines and critical support infrastructure. While adding new fighters is essential, without accompanying force multipliers, the IAF risks being unprepared against advanced adversaries. A strategic pivot towards sustainable development and self-reliance could ensure enduring operational effectiveness in future conflicts. As the IAF confronts evolving threats, its decision-making reflects a broader strategic dilemma. Investing solely in new aircraft may boost numbers but neglects the necessity of complementary systems that enhance overall combat capability. With regional adversaries enhancing their military capabilities, the IAF must advocate for a balanced approach, integrating both immediate needs and long-term investments to secure a robust and sustainable defense posture. This strategic foresight is crucial for maintaining air superiority and operational readiness in a rapidly changing security landscape.

Geopolitics and Security Alliances

Pakistan Dismisses Bilateral Talks with India Amid Jaishankar's Visit

08-Oct-24

Pakistan has denied the possibility of bilateral talks with India during External Affairs Minister S Jaishankar's upcoming visit for the Shanghai Cooperation Organisation (SCO) summit. Jaishankar also emphasized that his trip is strictly for multilateral discussions, distancing it from India-Pakistan relations. This refusal highlights the persistent tensions and diplomatic impasse between the two nations. The context reflects deep-rooted hostility post-2019, exacerbated by India's actions in Jammu and Kashmir and Pakistan's response in downgrading ties. Despite Jaishankar's significant visit marking a rare Indian ministerial presence in Pakistan, the absence of dialogue underscores a prevailing atmosphere of mistrust, with both nations holding divergent views on terror and bilateral engagement.

Sri Lankan Minister Backs Chinese Military Ship's Visit, Dismisses Security Worries

08-Oct-24

Sri Lanka's Foreign Minister Vijitha Herath defended the arrival of a Chinese military training ship in Colombo, asserting it aligns with the country's diplomatic engagements and does not pose a threat. The visit marks an effort to enhance naval cooperation while maintaining balanced international relations amid regional tensions. Herath emphasized that Sri Lanka welcomes military vessels from various countries, reflecting a strategic approach to bolster defense ties without compromising national interests. The arrival of the Chinese PLA Navy's training ship is significant in the context of Sri Lanka's foreign policy, particularly amid India's apprehensions regarding Chinese presence in the Indian Ocean. While Herath's assurances aim to mitigate fears, the move could be perceived as a balancing act amid growing geopolitical rivalries. As Sri Lanka navigates its partnerships, the implications for regional security dynamics remain critical, especially concerning India's strategic interests in the area.

Chinese Spy Drones Intrude Indian Airspace: Minister Sounds Alarm

08-Oct-24

Himachal Pradesh Minister Jagat Singh Negi has expressed grave concerns over frequent drone sightings near the Indo-China border, accusing the central government and agencies of inaction. He emphasizes the urgency for concrete measures to counter Chinese incursions and protect national sovereignty, criticizing the government for empty rhetoric. Negi's statements reflect growing apprehension among local leaders regarding border security and the potential for further territorial loss. Negi's remarks underline a critical security dilemma faced by India along its northern frontier, particularly with China, which has been aggressive in its territorial claims. His call for proactive measures comes amid rising tensions and highlights a perceived gap between governmental promises and on-ground realities. The minister's emphasis on local surveillance and intelligence engagement indicates a need for decentralized security strategies, as apprehensions mount over potential Chinese advances in sensitive border areas. His critique of the Union government's response illustrates the urgency for a more robust defense posture to safeguard India's territorial integrity.

PM Modi's Laos Visit Highlights India's Commitment to ASEAN Centrality

08-Oct-24

Prime Minister Narendra Modi's visit to Laos emphasizes India's commitment to ASEAN as a cornerstone of its Act East policy and Indo-Pacific strategy. The trip will facilitate discussions on strengthening strategic partnerships and enhancing cooperation amid rising geopolitical tensions, particularly regarding China's influence in the region. Modi's engagements underscore India's proactive approach to regional security and economic collaboration. The visit to Laos highlights India's strategic pivot towards Southeast Asia, reinforcing its stance against China's assertiveness, especially in the South China Sea. By promoting connectivity and cooperation through ASEAN, India aims to

foster a stable and rules-based Indo-Pacific environment. The bilateral meetings on the sidelines are particularly crucial, allowing India to solidify alliances and address regional challenges collaboratively.

Global Times Challenges India's View of China as a Military Threat

08-Oct-24

The Global Times has criticized India's view of China as a military adversary, arguing that India should not perceive China's defense advancements with suspicion. Indian Air Chief Marshal AP Singh highlighted India's technological lag compared to China, prompting calls for domestic defense development. The Chinese publication contends that India's rivalry mindset is detrimental to its own military progress. This exchange underscores the heightened tensions in the Sino-Indian relationship, where India's recognition of China's military capabilities prompts a defensive response. China's insistence on non-aggression contrasts with India's strategic apprehensions, revealing broader regional dynamics where both nations grapple with modernization and national security imperatives. This commentary from the Global Times may also reflect Beijing's desire to mitigate regional anxieties while reinforcing its military posture, as it simultaneously encourages India to bolster its defense industry independently.

Hezbollah Backs Ceasefire Initiatives in Lebanon, Says Deputy Leader

08-Oct-24

Hezbollah's Naim Qassem endorses ceasefire initiatives proposed by Nabih Berri, even as Israel intensifies its military operations in Lebanon. Iran has cautioned Israel against further attacks and is preparing for diplomatic involvement in the region. Amidst escalating tensions, there are alarming reports regarding food shortages and health risks in Lebanon. The situation is precarious, with Hezbollah's tacit support for a ceasefire juxtaposed against Israel's military aggressions, indicating a complex regional power struggle. Iran's intervention hints at broader geopolitical stakes, while the humanitarian crisis in Lebanon underscores the urgent need for conflict resolution to avert further disaster.

Unusual Earthquake Sparks Concerns: Is Iran Developing Its First Nuclear Weapon?

08-Oct-24

On October 5, 2024, a 4.6 magnitude earthquake struck Iran's Semnan province, with tremors felt in Israel. A subsequent, weaker tremor in Israel raised speculation of a possible covert nuclear test by Iran. Amid escalating tensions between Iran and Israel, fears surrounding Iran's nuclear advancements have intensified. The occurrences in Semnan and Israel highlight the fragile geopolitical environment in the region. The speculation around a nuclear test, though unverified, underscores existing anxieties regarding Iran's nuclear ambitions and the potential for military escalation. As nations remain vigilant, these events could exacerbate already strained relations, prompting regional stakeholders to reassess their defense postures.

Sirens and Ruin Mark First Anniversary of October 7 Massacre in Israel

08-Oct-24

Israel commemorates the first anniversary of the October 7 massacre amid intensified assaults from Hezbollah and Hamas. The IDF retaliates by targeting Hezbollah's logistical leader, Suhail Hussein Hussein, and Prime Minister Netanyahu reaffirms commitment to ongoing military operations. Global leaders, including US VP Kamala Harris, convey condolences and display solidarity with Israel. The situation underscores the persistent volatility in the Israel-Hezbollah-Hamas conflict, highlighting the challenges of regional stability. Netanyahu's steadfast resolve suggests a prolonged confrontation, while international expressions of support may influence future diplomatic interventions. The strategic implications of Hezbollah's actions and IDF responses could further escalate tensions, complicating peace efforts.

Russia Maintains Emergency Hotlines with US and NATO Amid Rising Nuclear Tensions

08-Oct-24

Russia maintains emergency communication channels with the U.S. and NATO to mitigate escalating nuclear threats amid the ongoing Ukraine conflict. The Kremlin has revised its nuclear doctrine, emphasizing NATO's role in the war and its commitment to national security through all available means. This escalation reflects not only heightened tensions but also a strategic maneuver by Russia to assert its nuclear posture and deter perceived threats from the West, signaling a potential pivot towards more aggressive military posturing in response to NATO's involvement in Ukraine.

India and Maldives: Strengthening Maritime Security and Economic Ties as Natural Partners

08-Oct-24

India and the Maldives have agreed to enhance maritime and security cooperation as "natural partners," focusing on shared challenges in the Indian Ocean Region. A vision document outlines initiatives for infrastructure development, joint operational capabilities, and capacity building for the Maldivian National Defence Force with India's support. This collaboration emphasizes India's commitment to regional stability, underpinning its 'Neighbourhood First' policy and the SAGAR vision. The strengthening of India-Maldives ties reflects a strategic response to the evolving security landscape in the Indian Ocean, marked by non-traditional threats like piracy and drug smuggling. This partnership not only bolsters Maldivian defense capabilities but also enhances India's influence in the region, promoting stability and cooperation among Indian Ocean nations.

US-Origin Weapons Entering Kashmir: Army's Documentation Efforts, Says Lt Gen Rajiv Ghai

08-Oct-24

The Indian Army is tracking American-origin weapons, specifically M4 carbines, that may have entered Kashmir through Afghanistan. Lt Gen Rajiv Ghai highlighted ongoing documentation and collaboration with the US regarding these weapons, which are reportedly being supplied to terrorists in the region via Pakistani networks. The recovery of such advanced weaponry raises concerns about the shifting dynamics of armed conflict in Kashmir. The emergence of US-origin weapons like the M4 carbine in Kashmir underscores the complexities of regional security postures. With these weapons potentially facilitated by Pakistan, India's defense strategy may need to adapt to counter enhanced militant capabilities. This situation also reflects broader geopolitical trends following the US withdrawal from Afghanistan, where arms have inadvertently entered into non-state actors' hands, complicating India's efforts to stabilize the region.

Lebanon Envoy: Israel's Expansionism Fuels Conflict, India Crucial for Middle East De-escalation

08-Oct-24

Lebanon's Ambassador to India, Dr. Rabie Narsh, emphasized India's crucial role in de-escalating Middle Eastern tensions while criticizing Israel's actions as the core of regional instability. He highlighted the humanitarian crisis and the importance of addressing Palestinian grievances, urging international accountability. With thousands of Indians in Lebanon deemed safe, India's proposed aid underscores its diplomatic engagement in the conflict. The ongoing conflict in the Middle East, exacerbated by Israel's aggressive military actions and the retaliatory strikes from Iranian-backed groups like Hezbollah, has led to a significant humanitarian crisis. Lebanon's delicate situation is further strained by the presence of Indian nationals, showcasing India's balancing act in maintaining diplomatic ties while promoting peace. The call for international action against perceived injustices reveals a growing urgency for a comprehensive resolution that addresses both security and humanitarian needs in the region.

China's High-Altitude Heliports in Tibet: A Stark Warning for India Along the LAC

08-Oct-24

China's recent expansion of heliport infrastructure in the Tibetan Autonomous Region (TAR) marks a significant enhancement of the People's Liberation Army's (PLA) operational capabilities at high altitudes, with 90% of heliports at elevations between 3,300 to 5,300 meters. This strategic development positions PLA forces advantageously near contested borders, enabling rapid troop and equipment mobilization. As the PLA modernizes its military assets, India faces increasing pressure to bolster its own defenses in the Himalayas to counterbalance China's expanding military reach and maintain its territorial integrity.

China Tight-Lipped on Potential PLA Navy Submarine Incident

08-Oct-24

A recent incident involving a partially submerged Type 041 submarine in China has raised concerns over the transparency and safety of its emerging nuclear capabilities. Initial speculation suggested a nuclear reactor may be involved, but no evidence of a radiation leak has surfaced. The Pentagon's cautious remarks highlight the potential implications for the People's Liberation Army's internal accountability and oversight amid ongoing advancements in China's submarine technology. This incident underscores the complexities surrounding China's naval modernization efforts, particularly concerning its hybrid submarine technology. The Type 041 exemplifies China's strategy to meld conventional and nuclear capabilities, aimed at enhancing operational range and effectiveness in shallow maritime environments. While the Pentagon's skepticism reflects broader concerns about China's military transparency and governance, it also emphasizes the need for careful analysis of emerging Chinese military technologies without succumbing to hyperbole or undue pessimism.

PM Modi Set to Visit Maldives Next Year at President Muizzu's Invitation, Says Foreign Secretary Vikram Misri

08-Oct-24

Prime Minister Modi has accepted an invitation from Maldivian President Muizzu for a state visit next year, with dates to be confirmed via diplomatic channels. The discussions during Muizzu's visit aim to strengthen India-Maldives relations, particularly in defense, security, and climate cooperation. Modi highlighted India's commitment to training Maldivian defense forces and addressing climate change challenges collaboratively. The deepening ties between India and the Maldives reflect a strategic partnership crucial for regional stability in the Indian Ocean. By enhancing military cooperation and addressing mutual challenges like climate change, both nations are positioning themselves to better manage emerging geopolitical dynamics, particularly amid growing influences from other powers in the region.

support. By improving logistics and operational alignment, the CRPF aims to create a more resilient force capable of responding effectively to security challenges, all while fostering a healthier work-life balance for its members.

INS Vikramaditya Joins Forces with Italian Cavour in Groundbreaking Carrier Strike Exercise

08-Oct-24

The Indian Navy and the Italian Navy conducted their first-ever joint Carrier Strike Group (CSG) exercise, featuring the INS Vikramaditya and ITS Cavour. This significant event, conducted off India's west coast, involved complex maneuvers and highlighted the interoperability between the two navies, including joint operations with the Indian Air Force. The exercise underscores a growing maritime partnership, bolstered by Italy's recent inclusion in the Indo-Pacific Ocean Initiative. The joint CSG exercise marks a pivotal moment in strengthening India-Italy naval relations, reflecting both nations' commitment to enhancing regional security. This collaboration not only fosters bilateral ties but also signals a collective approach to addressing maritime challenges in the Indo-Pacific. India's proactive engagement with Italy could play a crucial role in countering potential security threats, particularly in the context of an increasingly assertive China. Such exercises, involving advanced aircraft and coordinated operations, further establish both navies' capabilities and readiness for future joint missions.

Israeli Strike in Beirut Eliminates Senior Hezbollah Commander

08-Oct-24

Israeli forces have killed senior Hezbollah commander Suhail Husseini in a targeted strike in Beirut, amid an ongoing conflict characterized by high casualties and displacement in Gaza. This incident underscores the volatile dynamics in the region, as Hezbollah pledges to retaliate even after losses in leadership. The escalation, marked by rocket fire from Palestinian militants, highlights the persistent cycle of violence and the complex interplay between various militant groups and state actors in the Middle East, raising concerns about broader regional instability.

IAF Extends MiG-21 Bison Operations Due to Tejas Mk1A Delivery Delays

08-Oct-24

The Indian Air Force (IAF) is facing delays in the delivery of Tejas Mk1A fighter jets due to a shortage of F-404 engines, prompting a decision to extend the service life of the aging MiG-21 Bison aircraft. Originally scheduled for retirement, the MiG-21s will remain operational to ensure readiness until the new jets can be inducted. This situation highlights the challenges the IAF faces in modernizing its fleet while managing operational demands. The IAF's reliance on the MiG-21 Bison underscores the urgency of its modernization efforts, as delays in the Tejas Mk1A's production threaten operational capabilities. As the MiG-21, which has seen decades of service, continues to age, the IAF's strategy to mitigate these delays reflects a broader struggle to balance legacy systems with the need for advanced technology. The successful induction of Tejas Mk1A jets is critical for the IAF to

Military Operations

CRPF Launches Major Initiative to Optimize 130 Battalions for Enhanced Operations and Troop Well-Being

08-Oct-24

The Central Reserve Police Force (CRPF) is reorganizing over 130 battalions to enhance operational efficiency and provide better family time for personnel, effective December 1. This realignment will see battalions assigned to geographically closer group centers, addressing logistical challenges. The initiative reflects a strategic shift towards improving troop welfare while simultaneously optimizing operational readiness. This move signifies a progressive step in personnel management within the CRPF, recognizing the importance of troop morale and family

maintain air superiority in a rapidly evolving regional security environment.

Massive Weapons Cache Seized by Indian Army in Manipur

08-Oct-24

Indian security forces, including the Indian Army, Assam Rifles, and Manipur Police, conducted a successful operation in Manipur from October 4 to 6, recovering 18 firearms and ammunition linked to insurgent activities. The coordinated efforts spanned multiple districts, highlighting the ongoing security challenges in the region. The recoveries are crucial for disrupting insurgent capabilities and restoring stability in Manipur. This operation underscores the persistent threat posed by insurgent groups in Manipur, necessitating robust security collaborations among local and national forces. The recovery of diverse weaponry indicates the ongoing availability of arms to insurgents, reinforcing the need for continued intelligence-driven operations to mitigate violence and enhance public safety.

Terrorism and Counterterrorism

Chhattisgarh Clash: Naxalite Woman Stands Against Road Project in Final Meeting

08-Oct-24

Senior Maoist leader Niti and 30 Naxalites were killed in a significant encounter in Dantewada, marking the highest casualties for Naxalites in Chhattisgarh's counter-insurgency efforts. The operation highlights the ongoing struggle between state forces and Maoist insurgents in the region. Local villagers in Gawadi express concerns over potential loss of their natural resources due to increased military presence and development projects, reflecting the complexities of counter-insurgency operations where security measures must balance local community needs against insurgent threats.

Tel Aviv Residents Honor Victims of Hamas Attack on October 7

08-Oct-24

A ceremony at Dizengoff Square commemorated victims of the October 7 attack, highlighting ongoing grief and uncertainty for families. Protests in the U.S. marked the anniversary, reflecting a polarized public response to the Israel-Palestine conflict. Concurrently, Hezbollah's missile strike on an Israeli military unit demonstrates the volatile security situation in the region. The observance of the October 7 attack underscores the profound emotional trauma experienced by victims' families and reveals a growing tension surrounding the Israel-Palestine conflict, particularly in global arenas like U.S. university campuses. The significant U.S. military aid to Israel raises questions about long-term implications for regional stability, while Hezbollah's recent actions indicate escalating hostilities. This multifaceted scenario presents challenges for policymakers navigating peace and security in the Middle East.

Blinken and Austin Condemn Hamas Attack on Israel

08-Oct-24

Secretary Blinken urged for a ceasefire on the anniversary of the October 7 attacks on Israel, emphasizing the need to secure hostages, Israel's safety, and alleviate Palestinian suffering. Defense Secretary Lloyd condemned the attacks as among the bloodiest in Jewish history and reaffirmed U.S. support for Israel, while also mourning Palestinian and American casualties. The Biden administration's response includes increased military assistance and troop deployments to deter aggression and secure regional stability. The statements from U.S. officials highlight the complex dynamics of the Israeli-Palestinian conflict, where calls for a ceasefire coexist with strong support for Israel's security. The emphasis on humanitarian considerations indicates a growing awareness of the need for balanced responses amid escalating violence. As regional tensions continue, the U.S. aims to navigate its support for Israel while addressing the humanitarian crisis affecting Palestinians, underscoring the dual challenges of security and moral responsibility in U.S. foreign policy.

Karachi Airport Blast Bomber Identified by Pakistan Police

08-Oct-24

Shah Fahad, identified as the attacker behind the recent explosion near Karachi's airport, had previously registered the vehicle used in the attack. His investigation timeline reveals multiple hotel stays and biometric entries, prompting a significant police response including a 3-kilometer security perimeter. Authorities are probing potential connections among detained individuals and investigating leaks of sensitive information regarding Chinese engineers. This incident highlights the growing security challenges facing Pakistan, particularly concerning terrorist activities targeting foreign nationals, specifically Chinese workers. The investigation's focus on Fahad's movements underscores the need for enhanced surveillance and intelligence-sharing mechanisms to prevent future attacks and safeguard international partnerships. The swift police response indicates an urgent recognition of the threat posed by extremist elements in urban areas.

Mil Personnel & Veterans

Chief of Defence Staff Celebrates 92nd Anniversary of Indian Air Force with Air Warriors, Veterans, and Their Families

08-Oct-24

Chief of Defence Staff General Anil Chauhan celebrated the 92nd anniversary of the Indian Air Force, highlighting its legacy of valor and excellence. He emphasized the IAF's advancements in technology and indigenous capabilities, including the induction of Rafale jets and the development of the Tejas aircraft. General Chauhan acknowledged the dedication of air warriors and stressed the importance of international cooperation in enhancing operational effectiveness. The commemoration of the

IAF underscores India's growing emphasis on military modernization and self-reliance, reflecting strategic initiatives to bolster national security. The focus on indigenous development and international partnerships is vital for enhancing capabilities and ensuring readiness in a changing geopolitical landscape. General Chauhan's message reinforces the IAF's role as a tech-driven force committed to safeguarding India's sovereignty and interests, crucial for maintaining regional stability amid evolving security dynamics.

Forces by highlighting the IAF's valiant history and contributions. The Vayu Veer Vijeta car rally serves both as a tribute to military achievements and a strategic outreach initiative. Engaging youth is vital for maintaining recruitment levels in the armed forces amid evolving security challenges. The rally's route through key military historical sites reinforces India's commitment to honoring its defense forces while fostering a sense of patriotism and national pride among younger generations.

Meher Baba and Dakota Bombers: The IAF's 1947 Kashmir Rescue

08-Oct-24

In the wake of India's independence in 1947, the IAF played a crucial role in the Jammu and Kashmir conflict, responding to a surprise Pakistani invasion. Under Air Commodore Meher Singh's leadership, the IAF executed daring airlift operations, utilizing Dakota aircraft to transport troops and supplies despite significant logistical challenges. The successful defense of the region underscored the IAF's innovative capabilities and strategic importance during a pivotal moment in India's military history. The events surrounding the Jammu and Kashmir conflict illustrate the strategic necessity of air power in modern warfare, particularly in challenging terrains. The IAF's swift deployment and adaptability to the crisis underlines the importance of air mobility in securing territorial integrity. Furthermore, Meher Singh's actions not only galvanized the IAF's operational ethos but also set a precedent for future air operations in India's defense strategy, establishing a legacy of innovation and resilience in the face of adversity.

Surge in India's Maritime Workforce: Women Seafarers at the Forefront

08-Oct-24

India's maritime sector is witnessing significant growth, with active Indian seafarers increasing from 117,090 in 2014 to nearly 300,000, and a 514% rise in women seafarers over the past decade. Highlighting India's status as the third-largest provider of global seafarers, Harsh Vardhan Shringla emphasized the country's revitalization of its maritime heritage during the Indian Maritime University convocation. The adverse impacts of geopolitical conflicts on shipping and trade reveal the ongoing vulnerabilities in global maritime operations, underscoring the importance of India's strategic maritime capabilities and the role of its naval forces in ensuring regional security.

Naxalism: The Major Barrier to Tribal Development, Says Shah

08-Oct-24

Union Home Minister Amit Shah emphasized that Left-Wing Naxalism is a major obstacle to tribal development, labeling it a significant human rights violation. He expressed confidence in eradicating Naxalism by March 2026, citing a decline in incidents and the success of government welfare programs in affected regions. Shah urged youth involved in violence to abandon this path for rehabilitation and national development. The Indian government is taking a firm stand against Naxalism, illustrating a strategic shift towards addressing the socio-economic root causes of the insurgency. By integrating development initiatives like the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan, the

Miscellaneous

Bengaluru Man Arrested for Aiding 22 Pakistani Nationals in Karnataka

08-Oct-24

Police arrested Parvez for allegedly facilitating the settlement of 22 Pakistani citizens in India under Hindu names. Recent detentions in Bengaluru revealed a network of Pakistanis living in Karnataka with falsified identities. Investigations are ongoing as authorities seek to unravel the extent of this operation. This incident raises concerns about national security and illegal immigration, particularly regarding the potential for espionage or infiltration by hostile elements. The use of altered identities underscores vulnerabilities in document verification processes in India. It is crucial for security agencies to enhance surveillance and cooperation between states to monitor such cases effectively and prevent similar occurrences in the future.

ISRO Confirms PSLV-37's Upper Stage Re-enters Earth's Atmosphere as Expected

08-Oct-24

The PSLV-37 upper stage has re-entered Earth's atmosphere as predicted, complying with international debris mitigation guidelines, according to ISRO. Launched in February 2017, PSLV-C37 set a record by deploying 104 satellites in a single mission, showcasing India's growing capabilities in space. ISRO's proactive measures aim to ensure a sustainable approach to space operations, with plans for controlled de-orbiting of future missions. This event underscores India's commitment to responsible space practices amid growing global concerns over space debris. By adhering to international standards and proactively managing its orbital assets, ISRO not only enhances its reputation as a space power but also contributes to the sustainable use of outer space, fostering international collaboration in debris mitigation efforts.

Vayu Veer Vijeta Car Rally Kicks Off from Thoise to Tawang Celebrating 92 Years of IAF and 25 Years of Kargil Victory

08-Oct-24

To commemorate the 92nd anniversary of the Indian Air Force (IAF) and the 25th anniversary of India's victory in the Kargil War, the Vayu Veer Vijeta car rally was launched on October 8, 2024. This rally, involving over 50 participants, will cover 7,000 kilometers across multiple states and conclude in Tawang on October 29, 2024. It aims to inspire youth to join the Armed

administration aims to foster stability and discourage recruitment into extremist movements. This proactive approach could significantly alter the landscape of tribal welfare and security, promoting peace in historically volatile regions.

ISRO Chief S. Somnath to Unveil NGLV 'Soorya' Development Model Soon!

08-Oct-24

India's ISRO is set to announce the model for the Next Generation Launch Vehicle (NGLV), which aims to boost private sector involvement in the space industry from the design phase. The NGLV is pivotal for future projects, including the Bharatiya Antariksh Station and crewed lunar missions by 2040. This initiative marks a significant shift towards a collaborative approach with industry partners, enhancing capabilities in satellite launches and advanced technology development. The NGLV represents a strategic pivot for India's space ambitions, fostering public-private partnerships essential for innovation and cost-effectiveness. By involving industries at the design stage, ISRO aims to leverage domestic expertise and investment, enhancing competitiveness in the global space market. This initiative aligns with India's broader space policy, which encourages privatization, thereby potentially transforming the country into a major player in the international aerospace sector.

India Teams Up with Sweden, Germany, and Russia for ISRO's Maiden Venus Mission

08-Oct-24

India's Union Cabinet has approved the Venus Orbiter Mission (VOM), named Shukrayaan, with a budget of ₹1,236 crore and a targeted launch in March 2028. The mission will consist of an

orbiter and atmospheric probe, featuring 19 payloads, including international collaborations with Sweden, Germany, and Russia. It aims to enhance understanding of Venus's atmosphere and its interaction with solar wind over a five-year mission. The Shukrayaan mission represents a significant advancement in India's space exploration ambitions, demonstrating ISRO's capability to engage in complex international collaborations. This mission not only deepens scientific inquiry into Venus but also reinforces India's position in the global space community, fostering partnerships with leading space agencies like ESA and NASA. By leveraging international infrastructure, ISRO enhances operational efficiency and cost-effectiveness, showcasing a cooperative approach to space exploration that transcends national boundaries.

Chandrayaan-5/LUPEX Mission to Moon Gets Green Light from Space Commission!

08-Oct-24

India's Union Minister Ashwini Vaishnaw announced the approval of several space missions, including Chandrayaan-5/LUPEX, aimed at lunar exploration and water prospecting, in collaboration with JAXA. The mission will utilize advanced technology for a soft landing at the Moon's south pole to search for water ice, a critical resource for future lunar habitation and deep space missions. Notably, LUPEX's timeline has shifted to a 2027 launch, postponed from an earlier planned launch in 2025. This strategic collaboration between ISRO and JAXA underscores India's growing capabilities in space exploration and its commitment to international partnerships. The focus on lunar water is pivotal for sustaining long-term human presence and enabling more cost-effective space missions. The decision to delay LUPEX highlights the complexities of space mission planning and resource allocation, which could impact India's competitive stance in the emerging space race.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
ROSSELLIND	99.5	109.0	98.27	105.2	390212	5.58	17.48	310.52	463.79
NIBE	1750.0	1778.8	1693.85	1768.15	30977	-0.83	39.6	1963.11	1533.17
ASTRAMICRO	803.2	844.35	787.0	834.8	231475	3.93	43.12	878.97	752.2
DATAPATTNS	2237.0	2388.7	2217.3	2377.15	321481	6.21	37.46	2509.94	2615.28
PREMEXPLN	480.0	501.0	465.6	496.95	69909	3.42	33.84	539.15	474.15
HIGHENE	650.0	666.8	645.0	653.85	3585	1.55	39.11	679.44	702.24
LT	3492.95	3538.5	3469.0	3532.4	2249452	1.85	40.19	3654.8	3575.7
MAZDOCK	3889.0	4099.0	3852.55	4080.85	1762071	4.12	42.39	4209.7	3228.73
MARINE	214.2	234.22	213.1	232.72	500356	4.33	48.08	232.94	153.37
PARAS	972.05	1073.95	972.05	1073.95	92218	5.0	41.53	1109.12	953.16
MIDHANI	365.7	383.0	361.25	380.3	395004	3.99	41.77	392.16	432.16
DCXINDIA	298.3	321.2	298.3	320.85	209883	4.87	41.94	333.0	338.57
BEML	3500.0	3604.0	3460.05	3592.3	143533	2.79	38.69	3757.14	3702.61
AVANTEL	184.56	185.39	175.25	176.4	2634380	-4.55	47.92	174.25	-
MTARTECH	1645.55	1748.0	1624.55	1737.1	142400	5.56	48.43	1740.86	1897.32
GRSE	1532.0	1684.8	1511.2	1664.1	2039399	8.19	42.67	1722.95	1369.03
BHARATFORG	1433.0	1486.4	1429.4	1481.35	501482	3.31	38.39	1549.03	1404.64
TANEJAERO	473.85	480.0	463.35	477.8	11522	3.12	36.14	502.06	480.12
SOLARINDS	10501.0	11444.0	10501.0	11273.4	57538	4.72	53.6	11165.38	9065.31
ADANIENT	3018.5	3170.0	2994.85	3160.7	1776511	4.73	58.59	3048.74	3101.39
APOLLO	97.49	102.25	95.95	101.59	1127608	4.31	44.16	104.64	111.75
BDL	1110.0	1152.0	1080.0	1149.2	1020404	3.6	41.34	1163.88	1135.88
SIKA	2408.0	2560.0	2321.0	2546.7	2114	3.65	44.78	2619.72	2221.0
CFE	571.0	604.0	563.0	593.4	25600	0.13	28.63	668.38	572.75
BEL	267.0	281.5	265.55	280.25	29190708	4.83	45.08	284.37	249.72
HBLPOWER	581.0	609.65	576.7	604.2	1437875	3.19	46.57	614.79	532.34
PTC	186.0	199.3	185.71	197.83	1499174	5.15	39.5	214.7	209.09
LOKESHMACH	379.4	393.1	377.8	388.4	69009	2.45	53.83	384.47	389.33
COCHINSHIP	1557.7	1647.45	1505.0	1643.05	481632	4.72	36.7	1740.39	1515.54
KRISHNADEF	628.55	694.55	628.55	692.75	64000	4.72	44.99	723.2	560.58
ZENTEC	1623.05	1666.0	1591.05	1650.55	187235	1.36	46.46	1675.56	1152.86
IDEAFORGE	666.95	684.75	666.95	673.75	120778	1.06	38.69	699.21	735.91
HAL	4160.0	4389.8	4145.0	4368.3	2008330	4.86	44.6	4430.38	4051.12
AZAD	1325.0	1410.95	1320.05	1401.45	102510	4.82	36.05	1487.85	-