



# Defence Pro News & Analysis

October 22, 2024 | Day 296

## Top Gainers

Stock	Close	Prev	Change

## Top Losers

Stock	Close	Prev	Change
GRSE	1573.7	1804.1	-12.77%
MAZDOCK	4158.35	4666.5	-10.89%
BEML	3804.0	4068.95	-6.51%
MIDHANI	338.95	362.25	-6.43%
MTARTECH	1564.15	1666.85	-6.16%

## Defense Business and Industry

### India Launches Fourth SSBN S4, Boosting Indigenous Naval Power



22-Oct-24

India has successfully launched its fourth nuclear-powered ballistic missile submarine, codenamed S4 (Star), enhancing its strategic deterrent capabilities amidst rising geopolitical tensions. This new submarine, which features 75% indigenous content and is equipped with K-4 missiles with a 3,500 km range, signifies a critical advancement in India's naval prowess, following the commissioning of INS Arighat and the upcoming INS Aridhaman. The launch underscores India's commitment to a credible second-strike capability, particularly against adversaries like China, where conventional platforms face increased vulnerability. With the government's focus on enhancing underwater capabilities through SSBNs and additional nuclear attack submarines, India is strategically positioned to dominate the Indo-Pacific region and ensure national security in a complex geopolitical landscape.

### India's FRCV Tank Wows Serbian Experts with Advanced Design and Tech



22-Oct-24

India's Future Ready Combat Vehicle (FRCV) program has received commendations from Serbian military experts for its innovative design and advanced technology aimed at replacing the T-72 tanks in the Indian Army. The FRCV features two versions—a manned turret and an unmanned turret—both incorporating a dual autoloader system, enhancing ammunition capacity and safety. Notable attributes include impressive gun elevation angles suited for mountainous terrains, a domestically developed 1,500 horsepower engine, and AI-powered targeting systems, positioning the FRCV as a formidable asset in India's defense strategy. This initiative reflects India's commitment to modernizing its armed forces amid evolving security challenges.

### IIT Madras Innovates High-Speed Ramjet FSAPDS Shells for MBTs



22-Oct-24

IIT Madras, led by Major General Rajiv Narayanan, is developing ramjet-powered Fin Stabilized Armour Piercing Discarding Sabot (FSAPDS) shells to enhance the lethality and range of main battle tanks (MBTs) against modern armored threats. This innovative ammunition aims to extend effective range to 6-9 kilometers, overcoming traditional FSAPDS limitations and countering advanced Active Protection Systems (APS). The use of ramjet technology will allow for higher speeds, making interception by enemy defenses more challenging. This project is set to significantly transform armored warfare dynamics, ensuring Indian armored forces maintain a technological edge on the battlefield while improving crew safety and strike capability.

### Indian Army Revamps T-90 Bhishma Tanks, Boosts Self-Reliance



22-Oct-24

The Indian Army has successfully overhauled the T-90 Bhishma tanks domestically for the first time, enhancing self-reliance amid disruptions in spare parts supply from Russia due to the ongoing conflict in Ukraine. This significant achievement, conducted at the 505 Army Base Workshop, extends the tanks' operational life by up to 20 years, ensuring combat readiness. The overhaul includes upgrades to mechanical, electronic, and fire control systems, aligning with India's Aatmanirbhar Bharat initiative that aims to bolster indigenous defense capabilities. This advancement not only strengthens military preparedness but also reduces dependence on foreign suppliers, showcasing India's commitment to enhancing its defense infrastructure.

### India's 3rd SSBN, likely INS Aridhaman, to launch in 2025



22-Oct-24

India is set to commission its third nuclear-powered ballistic missile submarine (SSBN), likely named INS Aridhaman, in 2025, marking a significant enhancement to its nuclear triad. This

Arihant-class submarine will be larger, boasting an increased displacement that allows for a greater number of Submarine Launched Ballistic Missiles (SLBMs) and extended underwater endurance. Key upgrades include enhanced stealth features, advanced sonar-absorbent coatings, and a more efficient nuclear reactor, bolstering India's second-strike capability and deterrence strategy. The addition of INS Aridhaman signifies a substantial leap in India's maritime defense, reflecting the country's commitment to maintaining robust strategic capabilities in an evolving security landscape.

## Indian Navy's UHM Helicopters Set for First Flight in 2025

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22-Oct-24

The Indian Navy is set to conduct the first test flight of its Utility Helicopters-Maritime (UHM) variant of the Advanced Light Helicopter (ALH) Dhruv in May 2025, marking a significant enhancement in its aviation capabilities. Hindustan Aeronautics Limited (HAL) is currently testing and certifying systems for the UHM, which will feature foldable rotor blades, a modified tail structure, and an advanced sensor suite. The UHM is designed for missions such as anti-submarine warfare and search and rescue operations, optimizing space on naval vessels while ensuring operational efficiency. This strategic development underscores India's commitment to advancing its indigenous defense capabilities in maritime operations.

## ADA Seeks Bids for Canopy Bubbles for AMCA Fighter Jet

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22-Oct-24

The Aeronautical Development Agency (ADA) has issued a tender for six canopy bubbles for India's Advanced Medium Combat Aircraft (AMCA), adhering to military specifications. This initiative is crucial for advancing India's indigenous 5th-generation fighter jet, emphasizing the importance of high durability and optical clarity in the canopy's design. The selected supplier will not only manufacture the components but also enhance the design and validate the manufacturing process. The canopy must meet stringent criteria, such as pressure tolerance and bird strike resistance, ensuring its reliability in modern aerial combat conditions, thereby reinforcing India's commitment to bolstering its defense capabilities through indigenous development.

## Raghu Vamsi Machine Tools Launches Advanced Micro Turbojet Engine

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22-Oct-24

Hyderabad-based Raghu Vamsi Machine Tools Pvt Ltd is developing a new micro turbojet engine, the Indra RV40, which aims to generate a thrust of 400N while weighing only 4.2 kilograms. This follows their successful Indra RV25 engine with 240N thrust and highlights their collaboration with IIT Hyderabad for technical expertise. The Indra RV40's enhanced power-to-weight ratio positions it to significantly advance the UAV industry, facilitating the development of larger, more capable drones that can carry heavier payloads and operate in challenging environments. This initiative underscores India's growing capabilities in indigenous defense technology and its

commitment to enhancing aerial surveillance and operational effectiveness.

## Should India Join South Korea's KF-21 Engine Development?

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22-Oct-24

South Korea is nearing a decision on its indigenous engine program for the KF-21 Boramae fighter jet, potentially opening avenues for collaboration with India on engine development, particularly for India's Advanced Medium Combat Aircraft (AMCA). This partnership could accelerate timelines, reduce costs, and enhance technological capabilities for both nations' defense industries. However, challenges include the complexities of jet engine development, compatibility of defense ecosystems, and the necessity of involving established players for critical components. Collaborating could provide India with access to advanced technologies and help South Korea reduce reliance on Western firms, fostering greater self-reliance in defense capabilities for both countries.

## Delivery of INS Chakra III Delayed to 2028 Amid Sanctions

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22-Oct-24

The delivery of INS Chakra III, a Russian Akula-class nuclear-powered attack submarine to the Indian Navy, has been delayed until 2028 due to complications from the Russia-Ukraine conflict and Western sanctions affecting critical components. Originally expected in 2025, this lease is vital for enhancing India's underwater capabilities and maintaining credible deterrence in the Indo-Pacific region, particularly following the return of INS Chakra II in 2021. The submarine will undergo significant upgrades to integrate Indian communication and sensor systems, ensuring compatibility with India's naval operations. Despite the delays, the acquisition reflects India's commitment to bolstering its naval strength amid growing security challenges.

## India's Defense Exports Shouldn't Be Limited by Political Agendas

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22-Oct-24

The Supreme Court of India dismissed a PIL aimed at halting arms exports to Israel, highlighting the need for India to balance its moral stance with its ambitions as a defense exporter. Defense expert Ranesh Rajan emphasized that India should adopt a pragmatic approach, focusing on competitiveness rather than the ethical implications of arms sales to controversial buyers. He argued that limiting exports based on political concerns could stifle innovation and undermine India's goal of self-reliance in defense production. Overall, India must prioritize expanding its market share and fostering a robust defense manufacturing ecosystem to succeed in the global arms market.

## Reliance Infra to invest ₹10,000 crore in Maharashtra defense hub

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22-Oct-24

Reliance Infrastructure Ltd plans to invest Rs 10,000 crore over the next decade to establish India's largest integrated defense manufacturing project, the Dhirubhai Ambani Defence City (DADC), in Ratnagiri, Maharashtra. Covering 1,000 acres, the

project aims to produce a wide range of explosives, ammunition, and small arms, and may involve joint ventures with up to six global defense firms. This initiative positions Reliance alongside major players like Tata, Adani, and Larsen & Toubro, bolstering India's self-reliance in defense manufacturing. With existing defense licenses and prior export success, this investment reflects India's commitment to enhancing its domestic defense capabilities and economic growth through private sector participation.

## Indian Army Integrates Indigenous Tech in Combat Exercise SHARE

22-Oct-24

The Indian Army recently concluded the Swavlamban Shakti exercise at Babina Field Firing Ranges, showcasing the integration of indigenous technologies in future combat strategies. Involving 1,800 personnel and 210 armored vehicles, the exercise highlighted the collaboration with over 40 industry partners and emphasized the importance of self-reliance in defense, aligning with the Aatmanirbhar Bharat initiative. This event underscores India's commitment to enhancing its combat capabilities through indigenous innovation, ultimately aiming to strengthen national security and reduce dependency on foreign military imports. By prioritizing homegrown technologies, the Indian Army is paving the way for a more resilient and self-sufficient defense ecosystem.

## Geopolitics and Security Alliances

### China and India Reach Agreement to End Ladakh Border Standoff SHARE

22-Oct-24

China has confirmed an agreement with India to end the over four-year military standoff in eastern Ladakh, with both sides reaching a resolution on patrolling along the Line of Actual Control (LAC). Indian officials, including External Affairs Minister S. Jaishankar, reiterated that soldiers will return to previous patrolling practices, marking a significant diplomatic breakthrough. This agreement follows extensive negotiations between the two nations, aimed at resolving issues stemming from the intense border clash in June 2020. Overall, the diplomatic engagement demonstrates India's commitment to maintaining stability along its borders while ensuring national security through strategic dialogue.

### Zelenskyy: US backing key to sway Germany on NATO bid SHARE

22-Oct-24

Ukrainian President Zelenskyy is optimistic that post-US election, allies will bolster Ukraine's NATO membership aspirations, despite Germany's hesitations that may shift with stronger US backing. He clarified that Ukraine is not seeking nuclear weapons for defense against Russia, but rather desires NATO membership, referencing the 1994 agreement where Ukraine relinquished its nuclear arsenal for security guarantees that were subsequently ignored. In response, Russian President Putin

warned of consequences to Zelenskyy's statements, underscoring the ongoing tension between Ukraine and Russia. This situation highlights the critical need for international support to strengthen Ukraine's security architecture, particularly as it navigates its complex relationship with NATO and seeks to deter Russian aggression effectively.

### EAM Jaishankar: India-China Patrolling Pact Restores 2020 Status SHARE

22-Oct-24

India's External Affairs Minister S. Jaishankar announced an agreement with China on patrolling arrangements along the Line of Actual Control (LAC), allowing a return to pre-2020 conditions and signaling the completion of disengagement efforts. This development, described as a result of patient diplomacy, aims to restore peace and stability in border areas after tensions escalated due to Chinese military actions in 2020. While the agreement is a significant breakthrough, experts caution that rebuilding trust remains complex, with both nations still maintaining substantial troop presence. The upcoming BRICS summit, which will see discussions between Prime Minister Modi and President Xi Jinping, could further clarify the implementation of this agreement, particularly in sensitive areas like Depsang and Demchok.

### Strained India-China Relations: Flight Bans and App Restrictions SHARE

22-Oct-24

India and China have reached a deal on patrolling the Himalayan frontier to address their ongoing military stand-off that began in 2020. The strained ties have led to the suspension of direct flights between the two nations and increased scrutiny on Chinese technicians' visas, impacting Indian manufacturing. Furthermore, India has implemented stricter regulations for investments from Chinese firms to prevent potential takeovers, highlighted by accusations against companies like Vivo and Xiaomi for financial misconduct. This cautious approach reflects India's commitment to safeguarding national security while balancing economic collaboration with China amidst rising tensions.

### Mahbubani: India Should Replace UK on UNSC for Strengthening It SHARE

22-Oct-24

Kishore Mahbubani, a former UNSC President, advocated for India to replace the UK on the UN Security Council, arguing that India's growing economic power warrants a permanent seat to strengthen the UNSC. He highlighted the need for a stronger UN to address global challenges and emphasized India's unique position to bridge East and West perspectives. Mahbubani also discussed the significance of India's Act East policy, encouraging deeper ties with ASEAN and noting the shifting balance in global power dynamics from the G7 to BRICS. He posited that India's economic integration and role in global supply chains are crucial as it navigates this new multipolar world.

## Modi: BRICS Summit Vital for Global Development Dialogue



22-Oct-24

Prime Minister Modi emphasized the significance of the BRICS summit as a crucial platform for global dialogue on developmental issues, especially following its expansion to include new members. His visit to Kazan aims to strengthen the Special and Privileged Strategic Partnership with Russia and facilitate bilateral meetings with leaders, including President Putin and President Xi Jinping. Modi highlighted the summit's focus on critical topics such as reformed multilateralism, economic cooperation, and climate change. This expansion is indicative of a growing non-Western coalition, enhancing India's position within global governance discussions and reaffirming its commitment to fostering inclusive international relations.

## Jaishankar Condemns Canada's Diplomatic Double Standards



22-Oct-24

External Affairs Minister S. Jaishankar criticized Canada for its perceived double standards regarding diplomatic conduct amid escalating tensions following the killing of Sikh separatist Hardeep Singh Nijjar. He highlighted the disparity in how Canada treats Indian diplomats versus its own, citing threats against Indian diplomats being dismissed as "freedom of speech." Jaishankar emphasized India's rejection of Canada's allegations linking its diplomats to Nijjar's murder, labeling him a designated terrorist. He called for a clearer understanding of the issue, suggesting that threats against Indian interests should not be taken lightly, thereby advocating for a more responsible diplomatic dialogue between the two nations.

## Ufa Submarine Docks in Kochi, Boosting India-Russia Naval Ties



22-Oct-24

The Russian Navy's advanced Kilo-class submarine Ufa, along with the rescue tug Alatau, docked in Kochi on October 21st, reinforcing India-Russia maritime cooperation. This visit includes discussions with India's Southern Naval Command and activities to foster camaraderie, highlighting the historical defense relationship between the two nations. The Ufa, known for its enhanced combat capabilities and stealth, underscores the significance of advanced joint research and production efforts in defense technology. This collaboration not only emphasizes their strategic alliance but also positions India favorably in the evolving maritime security landscape, enhancing its naval readiness and operational capabilities.

## Army Chief: Trust Restoration Post India-China Border Talks



22-Oct-24

India and China have agreed to restore patrolling along the Line of Actual Control (LAC) in eastern Ladakh, aiming to rebuild trust and normalize border management to pre-April 2020 conditions. Army Chief Gen Upendra Dwivedi emphasized the importance of phased trust-building, while Navy Vice Chief Vice Admiral Krishna Swaminathan acknowledged the complexities involved in

national security settlements. This agreement, reached after extensive negotiations, signifies a positive step towards reducing tensions and fostering stability in the region, reflecting India's commitment to constructive dialogue and effective border management. The willingness of both nations to engage indicates a strategic approach to maintaining peace along their borders.

## LG Manoj Sinha: Pakistan Frustrated by Peaceful J&K Elections



22-Oct-24

Lieutenant Governor Manoj Sinha highlighted Pakistan's attempts to disrupt peace in Jammu and Kashmir (J&K) following a recent terror attack that claimed the lives of a local doctor and six non-local laborers. He stressed the importance of enhancing counter-insurgency operations and vigilance against drug smuggling, while also calling for a thorough investigation into the attack to deliver justice for the victims' families. Sinha paid tribute to the sacrifices of security personnel, emphasizing their crucial role in maintaining national security and development in a region facing persistent external threats. His remarks underscore the ongoing challenges in achieving lasting peace in J&K amidst complex security dynamics.

## US Sees BRICS as a Cooperative Partner, Not a Rival



22-Oct-24

During a recent press briefing, U.S. National Security Advisor Jake Sullivan stated that the U.S. does not view the BRICS bloc as a significant geopolitical threat, despite its aim to counterbalance Western influence. He emphasized the strong ties some BRICS members have with the U.S., indicating a complex relationship within the group. Press Secretary Karine Jean-Pierre supported this view, reaffirming the U.S. commitment to collaboration with its global partners. This perspective highlights the importance of dialogue and partnerships amid shifting geopolitical dynamics, reflecting India's strategic positioning within BRICS as a vital player that promotes cooperation and development while maintaining robust ties with the West.

## Envoy Vinay Kumar Highlights PM Modi's Russia Visit Ahead of BRICS



22-Oct-24

Prime Minister Narendra Modi is scheduled to visit Russia from October 22 to 23, 2024, to attend the 16th BRICS Summit in Kazan, focusing on strengthening multilateralism amid global challenges. This visit, his second to Russia in 2024, highlights India's balanced diplomatic approach, especially following discussions with Ukrainian President Zelenskyy. The summit will facilitate dialogue on critical issues such as economic stability, security, and defense, while India seeks to reinforce its strategic partnership with Russia amidst evolving geopolitical dynamics, particularly concerning China's influence. Overall, this visit is crucial for India's international positioning and its commitment to regional stability and multilateral cooperation.



## Israeli Envoy Affirms India's Key Role in West Asia Stability SHARE

22-Oct-24

Israeli Envoy to India, Reuven Azar, highlighted India's pivotal role in West Asia, emphasizing its potential to address regional economic and security challenges due to its unique relationships with both Israel and Iran. While India has strengthened its defense partnership with Israel, particularly against terrorism, it also maintains a critical energy relationship with Iran, which poses challenges in balancing ties with both nations. India's heavy reliance on West Asian oil imports underscores the stakes involved, as conflict could disrupt supplies and harm its economy. The Indian government advocates for restraint and dialogue amid escalating tensions, reflecting its broader strategy of promoting regional stability without formal mediation.

## Modi to Engage with Putin, Leaders at BRICS Summit SHARE

22-Oct-24

PM Modi is set to meet President Putin and other leaders at the BRICS Summit, focusing on reinforcing India-Russia strategic ties and discussing the Russia-Ukraine conflict. Key agenda items include enhancing economic cooperation, promoting sustainable development through initiatives like PM Modi's LiFE mission, and expanding BRICS for equitable global power distribution. Modi's discussions with Chinese President Xi Jinping will also emphasize the recent agreement on patrolling the LAC in eastern Ladakh. This summit is pivotal for advancing India's engagement within BRICS amidst changing geopolitical dynamics, showcasing India's proactive diplomatic stance and commitment to collaborative conflict resolution and sustainable development.

## Jaishankar Advocates FDI and Maritime Security with Global Leaders SHARE

22-Oct-24

EAM Jaishankar emphasized enhancing foreign direct investment (FDI) to strengthen global supply chains and technology transfer, highlighting India's appeal as a growing economy with a skilled workforce. He also addressed the importance of maritime security in the Indo-Pacific, advocating for collaborative international efforts to maintain stability in these critical waters. Additionally, Jaishankar discussed India's commitment to global peace and security amid the ongoing Ukraine conflict, promoting diplomatic resolutions. His engagements reflect India's proactive stance on strategic partnerships and its pivotal role in regional security dynamics, underlining the significance of FDI and maritime cooperation for national defense and economic resilience.

## Jaishankar: India and China Seek Greater Global Influence SHARE

22-Oct-24

External Affairs Minister S. Jaishankar discussed the complex India-China relationship, emphasizing both nations' aspirations to enhance their global presence amid historical tensions, including the unresolved boundary issues stemming from the 1962 war and recent confrontations like the 2020 Galwan clash. He noted

that while 75% of disengagement along the border has been achieved, challenges persist, particularly concerning patrolling arrangements along the Line of Actual Control. Jaishankar highlighted the necessity of restoring peace on the border to improve broader bilateral ties, reflecting the delicate balance needed for stability in Asia and its global implications. This underscores India's cautious yet proactive stance in managing regional security dynamics while enhancing its international standing.

## US-Canada Tensions: Impact on India-US Defense Exports SHARE

22-Oct-24

A diplomatic standoff between the US and Canada over Khalistani issues is straining India-US relations, although defense ties remain largely intact, highlighted by the recent MQ-9 drone deal. Concerns exist regarding the impact on India's procurement of GE F414 engines for the AMCA program, yet strategic interests suggest these deals will continue. India's defense diversification efforts, particularly strengthening ties with France, present a viable alternative to reduce over-reliance on the US, as France offers robust collaboration on critical technologies like nuclear submarines and jet engines. This strategic shift not only enhances India's defense autonomy but also mitigates risks associated with dependence on a single partner.

## Iran's Neighbors Assure Against Use of Their Territory for Attacks SHARE

22-Oct-24

Iranian Foreign Minister Abbas Araghchi announced that neighboring countries assured Iran they would not permit the use of their territory or airspace for attacks, following Iran's missile strike on Israel. He highlighted the importance of monitoring U.S. bases in the region and issued a warning to Israel against targeting Iran's nuclear facilities, labeling such actions as international crimes. This statement reflects Iran's ongoing commitment to regional sovereignty and deterrence, while also revealing the complexities of Middle Eastern geopolitics, where alliances and hostilities are frequently tested, especially in the context of U.S. involvement and Israeli actions against Iranian interests.

## Bangladesh's Unrest: A Strategic Opportunity for India SHARE

22-Oct-24

Political unrest in Bangladesh, driven by youth agitation, is linked to a conspiracy involving the Bangladesh Nationalist Party, Jamaat-e-Islami, and international interests. India is urged to strategically engage with Bangladesh's interim government and key stakeholders to address the threat of rising radicalization and bolster democratic stability. The situation presents an opportunity for India to enhance its influence in the region by promoting stability and countering radical elements. By fostering strong diplomatic and strategic ties with Bangladesh, India can play a crucial role in ensuring regional peace and security while promoting democratic values in its neighboring country.

## Rajnath Singh and Singapore's Defence Minister Hold Key Talks in Delhi

🕒 SHARE

22-Oct-24

Raksha Mantri Shri Rajnath Singh and Singaporean Defence Minister Dr Ng Eng Hen co-chaired the sixth India-Singapore Defence Ministerial Dialogue in New Delhi, highlighting the robust bilateral defence ties and shared commitment to regional stability. With 2025 marking 60 years of diplomatic relations, both nations agreed to enhance cooperation, particularly in areas like co-development of defence equipment and cyber security. They extended the Joint Military Training Army agreement for five more years, emphasizing their status as natural partners. The dialogue reflects India's strategic importance in regional security, reinforced by its Act East policy and the recent elevation of ties to a Comprehensive Strategic Partnership.

## South Korea weighs arms aid for Ukraine amid North Korea's actions.

🕒 SHARE

22-Oct-24

South Korea is considering various responses, including potential arms support for Ukraine, due to concerns over North Korea's alleged troop deployment to Russia, which officials view as a serious threat to regional and international stability. North Korea has dismissed these allegations as unfounded rumors. This situation highlights the growing interconnectedness of global defense dynamics, where North Korea's actions could inadvertently galvanize support for Ukraine, reinforcing international coalitions against aggression. For India, this emphasizes the importance of regional security alliances and the need to bolster its own defense strategies amidst shifting geopolitical landscapes, ensuring its interests are protected in a multipolar world.

## Indian Navy Chief's UAE Visit to Enhance Defense Ties

🕒 SHARE

22-Oct-24

Indian Navy Chief Adm Dinesh K Tripathi is visiting the UAE from October 21-24 to enhance defense cooperation and explore new avenues for collaboration between the two navies. His visit includes discussions with UAE Naval Forces Commander Rear Admiral Pilot Saeed Bin Hamdan Al Nahyan and participation in the third India-UAE bilateral naval exercise. The engagement underscores the strengthening Comprehensive Strategic Partnership between India and the UAE, facilitating operational interactions, naval exercises, and staff talks. This initiative not only solidifies maritime ties but also reflects India's commitment to fostering regional security and partnership in an increasingly collaborative defense landscape.

## India Fast-Tracks Arunachal Dam Project Amidst China's Hydro Plans

🕒 SHARE

22-Oct-24

India is accelerating the development of a major dam project in Arunachal Pradesh in response to China's ambitious hydroelectric plans nearby. With an estimated capacity of 10-12 GW, this dam aims to bolster flood management, water flow correction, and power generation, at a projected cost of around

Rs 1 trillion. However, local opposition persists due to environmental concerns, complicating NHPC's data collection efforts. While the project promises economic benefits and strengthens national security against Chinese influence, it raises vital questions around ecological impacts and community welfare, highlighting the need for a balanced approach to development in strategically significant regions.

## Military Operations

### Security Forces Seize AK-56 and Weapons in Manipur Operations

🕒 SHARE

22-Oct-24

In a significant development, Indian security forces, including the Army, Assam Rifles, and Manipur Police, successfully recovered 12 weapons and ammunition in a series of joint operations in Manipur. These operations, conducted in the Thoubal and Churachandpur districts, highlight the effective coordination among various security agencies aimed at restoring peace in the region. The recovery of arms, including AK-56 rifles and pistols, reflects their commitment to ensuring stability and fostering trust within local communities. Such collaborative efforts not only enhance operational effectiveness but also pave the way for a quicker return to normalcy in Manipur, demonstrating India's resolve to combat insecurity and maintain order.

### India and Singapore Air Forces Engage in Rafale-F-16 Simulations

🕒 SHARE

22-Oct-24

The Indian Air Force (IAF) and the Republic of Singapore Air Force (RSAF) have commenced the 12th edition of the Joint Military Training (JMT) exercise at Air Force Station Kalaikunda, focusing on advanced air combat simulations. Running from November 13 to 21, 2024, the exercise enhances interoperability and combat readiness, showcasing India's diverse fleet, including Rafale and Tejas aircraft, against RSAF's F-16 and F-15 jets. This bilateral collaboration underscores the growing defense relationship between India and Singapore, reflecting mutual respect and the importance of joint exercises in strengthening regional security. The exercise also fosters professional ties through cultural and sports interactions, emphasizing a holistic approach to military cooperation.

### Security forces conduct search along LoC after Pakistani drone sighting in Poonch.

🕒 SHARE

22-Oct-24

Security forces in Poonch district, Jammu and Kashmir, launched a search operation along the Line of Control after firing at a suspected Pakistani drone that hovered momentarily over Indian territory before retreating. The operation was prompted by concerns about potential materials being dropped from the drone, highlighting the ongoing security challenges in the region. This incident underscores the vigilant stance of Indian armed forces in monitoring and responding to aerial threats, reinforcing their commitment to safeguarding national sovereignty. Such

proactive measures are vital in countering the persistent drone activities from across the border, reflecting the need for enhanced surveillance and security protocols along the LoC.

## Terrorism and Counterterrorism

### Punjab Worker Killed in Kashmir Terror Attack During Call SHARE

22-Oct-24

Gurmeet Singh, a 45-year-old construction worker from Punjab, was killed in a terrorist attack in Ganderbal, Jammu and Kashmir, while speaking to his wife on the phone. The attack, attributed to unidentified terrorists, targeted a group of laborers working on a tunnel project, resulting in seven fatalities, including Singh and a local doctor. Singh's family described him as the primary breadwinner, emphasizing the urgent need for government support for his grieving family. This incident underscores the ongoing security challenges in Kashmir and the vulnerability of non-local workers, highlighting the critical need for enhanced protective measures for civilians in conflict areas.

### Five Naxalites Killed in C-60 Commandos' Anti-Insurgency Operation SHARE

22-Oct-24

Five Naxalites were killed in a gunfight with the C-60 commandos of the Gadchiroli police in Maharashtra's Bhamragadh taluka, ahead of the state assembly elections on November 20. The encounter was initiated as security forces launched an anti-Naxal operation targeting a group of Maoists who were reportedly planning an attack. The operation involved 22 teams of C-60 commandos and CRPF personnel, who faced immediate fire from the Naxalites, prompting a retaliatory response. This incident highlights the ongoing commitment of Indian security forces to counter insurgency and maintain law and order in regions affected by Naxalism, thereby ensuring the safety of upcoming democratic processes.

### Farooq Abdullah: No talks with Pakistan until it halts terror SHARE

22-Oct-24

Farooq Abdullah, former chief minister of Jammu and Kashmir, condemned Pakistan for its ongoing terror attacks, emphasizing that dialogue cannot occur until Islamabad ceases its violent activities. He expressed deep sorrow over the recent attack in Ganderbal, which killed seven people, including a local doctor and non-local laborers, highlighting the devastating effects of such violence on the region's development. Abdullah urged Pakistan to focus on its own growth and allow Kashmiris to live in peace, asserting that terrorism will not achieve their goals. He warned that continued bloodshed would lead to severe consequences, advocating for a peaceful resolution rather than further conflict.

### PAFF Claims Tunnel Attack in Kashmir Linked to Chinese Interests SHARE

22-Oct-24

A Pakistan-based terrorist group, the Peoples Anti-Fascist Front (PAFF), has claimed responsibility for a deadly attack on a tunnel-construction site in Kashmir, linking the incident to Chinese interests in the region. The attack, carried out by The Resistance Front (TRF), is seen as an effort to disrupt Indian military projects that enhance capabilities along the Ladakh border, where tensions between India and China persist. This situation highlights the ongoing geopolitical complexities in the region, as Pakistan's support for such groups aims to counter India's strategic advancements. India's commitment to infrastructure development in contested areas remains crucial for maintaining its national security and regional stability, despite these aggressive tactics.

### Will Opposition Demand Accountability from Omar Abdullah After Attacks? SHARE

22-Oct-24

Recent terrorist attacks in Jammu and Kashmir have heightened scrutiny on Omar Abdullah's government, with opposition parties criticizing the National Conference for not prioritizing the restoration of Article 370 in its recent resolutions. Critics, including leaders from the PDP, argue that focusing solely on statehood represents a betrayal of pre-election promises. Abdullah counters that his government is addressing immediate needs while striving for statehood, despite political challenges. This situation underscores a broader tension regarding governance and representation in the region, with the opposition demanding accountability and adherence to electoral commitments amidst rising security concerns.

### Is China Involved in Ganderbal Terror Attack? Evidence Emerges SHARE

22-Oct-24

A recent attack by Pakistan-based TRF militants linked to Lashkar-e-Taiba at a tunnel-construction site in Ganderbal, Kashmir, resulted in seven fatalities, with the PAFF praising the act aimed at undermining Indian military operations. The incident raises concerns about potential connections between the attackers and China, suggesting a broader geopolitical strategy against India. In response, Indian security forces have condemned the violence and are committed to securing the region while planning retaliatory actions. This attack underscores the persistent threat posed by cross-border terrorism and highlights the need for robust counter-terrorism measures and enhanced security protocols in sensitive areas.

### NIA Arrests Three More in Coimbatore ISIS Terror Funding Case SHARE

22-Oct-24

The NIA has arrested three more individuals linked to the October 2022 ISIS-inspired car bomb blast in Coimbatore, bringing the total arrests to 18. The agency has unveiled a terror financing aspect in the case, revealing that the arrested individuals

provided funds for the attack orchestrated by deceased operative Jamesha Mubeen, who radicalized students at a local Arabic college. This incident underscores the persistent threat posed by radicalization and terrorism, prompting the need for continued vigilance and robust counter-terrorism efforts by Indian authorities to safeguard public safety and counter extremist ideologies effectively.

## Hezbollah Claims Drone Strike on Netanyahu's Residence, Escalating Tensions



22-Oct-24

Hezbollah has claimed responsibility for a drone attack on Israeli Prime Minister Benjamin Netanyahu's residence, highlighting a significant escalation in hostilities. The group also noted the capture of some of its fighters by the Israeli army, indicating ongoing tensions in the region. In response to the Israeli strikes, Hezbollah's financing firm, Al-Qard al-Hassan, reassured its depositors of its financial stability and preparedness. This incident underscores the volatile security situation in the Middle East and highlights the need for robust defense mechanisms within the Indian strategic framework, as regional tensions can have broader implications for India's national security interests.

security through indigenous technology. While Congress leader Jairam Ramesh emphasized the continuity of development in this sector, it is crucial to recognize that these advancements reflect India's strategic vision for energy independence and sustainability. The successful synchronization of these reactors with the grid marks a pivotal achievement for India's nuclear agenda.

## Baba Kalyani Advocates Homegrown Tech to Propel India's Growth



22-Oct-24

Baba Kalyani, Chairman of Bharat Forge, emphasized the need for homegrown technology and innovation to boost India's manufacturing sector as the country aims to become a developed nation by 2047. He highlighted the importance of creating unique products rather than merely replicating foreign technologies and advocated for a twelve-fold increase in manufacturing output to achieve exponential growth. Additionally, Apollo Hospitals' Suneeta Reddy stressed the necessity of innovation in healthcare and increased research spending to enhance accessibility and affordability. Overall, the call for self-reliance and innovation across sectors is crucial for India's economic advancement and global competitiveness.

## PM Modi: India Values Trust in International Relations



22-Oct-24

Prime Minister Narendra Modi emphasized that India's international relations are based on trust and reliability, particularly amid strained ties with Canada following allegations regarding India's involvement in a Canadian citizen's death. He stated that India does not take relationships for granted and highlighted the global recognition of India's progress, citing events like the successful Chandrayaan mission and its humanitarian contributions during the COVID-19 pandemic. Modi's remarks underscore India's commitment to fostering dependable partnerships and its role as a responsible global player, reflecting a departure from dependency or entitlement in foreign relations, which could enhance its strategic positioning in the international arena.

## PM Modi Calls Bhutan a 'Special Friend' in Recent Meeting



22-Oct-24

Prime Minister Modi recently met with Bhutanese PM Tshering Tobgay, emphasizing Bhutan's status as India's "special friend." During the meeting, Modi expressed his delight in the collaboration between the two nations, while Tobgay thanked India for its ongoing goodwill and support. The reaffirmation of Bhutan's commitment to strengthening bilateral ties highlights the strategic importance of this relationship, particularly in the context of regional stability and security. This partnership not only enhances India's influence in South Asia but also reinforces Bhutan's sovereignty, showcasing a mutual understanding and strategic alignment that benefits both nations in the face of broader geopolitical challenges.

## Mil Personnel & Veterans

## 85 Indians Released from Russian Army; 20 More Awaiting Return



22-Oct-24

Eighty-five Indians have been discharged from the Russian military, with efforts ongoing to secure the release of 20 more, as confirmed by Foreign Secretary Vikram Misri. Prime Minister Narendra Modi is set to discuss the situation with Russian President Vladimir Putin at the BRICS Summit. The Indian government has maintained close communication with Russian officials regarding the discharge of these nationals, who were contracted into military service under various circumstances. The situation highlights India's proactive diplomatic engagement to ensure the safety and return of its citizens while showcasing a commitment to resolve issues arising from international military contracts.

## Miscellaneous

## India Boosts Nuclear Power: 10+ Reactors Underway, Kakrapar Live



22-Oct-24

India is making significant strides in its nuclear power capabilities, with over 10 nuclear reactors under construction across states like Gujarat, Rajasthan, and Haryana, including the recently operational Kakrapar-3 and Kakrapar-4 reactors, each with a capacity of 700 MW. This progress, highlighted by the Parliamentary Standing Committee on Science and Technology, underscores the country's commitment to enhancing its energy



## German Chancellor Olaf Scholz to Visit India for Strategic Talks SHARE

22-Oct-24

German Chancellor Olaf Scholz is set to visit India from October 24 to 26, where he will co-chair the seventh Intergovernmental Consultations (IGC) with Prime Minister Modi. The discussions will focus on enhancing security cooperation, fostering economic partnerships, and advancing collaboration in emerging technologies. Scholz's visit, his third to India in two years, highlights the strengthening strategic partnership between India and Germany, which has evolved over 50 years. Additionally, Scholz will visit Goa, coinciding with German naval vessels' port call, reinforcing Germany's commitment to the Indo-Pacific strategy, which aligns with India's own defense and security interests in the region.

## Sitharaman Showcases India's Investor-Friendly Reforms in the U.S. SHARE

22-Oct-24

Finance Minister Nirmala Sitharaman emphasized India's commitment to investor-friendly reforms, highlighting the government's efforts to streamline regulatory frameworks and reduce bureaucratic barriers. Initiatives include developing an

'investment-friendly charter' in collaboration with states, focusing on infrastructure improvement and compliance reduction. India's recent reforms, such as the GST and updates to foreign direct investment policies, have enhanced its ease of doing business ranking. Sitharaman also encouraged states to leverage their unique strengths, particularly in emerging sectors like electric vehicles, to attract global companies, enhancing India's overall investment landscape and fostering economic growth.

## Indian Government to Add Bomb Hoax Offenders to No-Fly List SHARE

22-Oct-24

The Indian government plans to address the recent surge in bomb threats to airlines by implementing legislative measures, including placing offenders on a no-fly list. Civil Aviation Minister K Ram Mohan Naidu highlighted that nearly 100 flights faced such threats in just a week. Amendments to aviation security rules and the Suppression of Unlawful Acts Against Safety of Civil Aviation Act, 1982, are being considered in collaboration with the Ministry of Home Affairs. This proactive approach underscores the government's commitment to ensuring aviation security and maintaining public confidence in air travel safety amidst growing concerns over threats to civil aviation.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
LT	3585.0	3591.65	3500.0	3511.9	1363574	-2.06	42.27	3584.49	3577.97
IDEAFORGE	665.0	665.1	637.3	648.0	220669	-2.31	35.83	680.81	727.8
CFE	560.0	565.4	545.0	555.0	24400	-2.4	26.08	613.81	581.42
BHARATFORG	1437.0	1442.2	1401.5	1406.2	684238	-2.52	28.78	1492.61	1417.35
LOKESHMACH	375.35	384.35	361.25	363.75	71147	-2.84	39.16	382.8	390.75
ASTRAMICRO	760.85	775.0	735.1	737.2	480032	-3.11	27.74	835.35	762.83
SIKA	2594.2	2594.2	2400.0	2483.0	1833	-3.51	40.25	2615.47	2280.25
BEL	282.0	282.15	270.65	271.65	15240897	-3.77	38.04	283.96	255.01
HBLPOWER	587.0	589.55	566.85	569.4	1162729	-3.83	34.87	605.2	540.29
ADANIENIT	2938.0	2955.0	2818.0	2823.8	1209732	-3.88	29.3	3085.66	3111.31
HIGHENE	608.0	610.0	582.0	584.15	13995	-4.05	26.21	669.45	707.31
SOLARINDS	11333.95	11333.95	10610.0	10803.8	45244	-4.09	42.31	11335.6	9294.14
AZAD	1519.95	1555.0	1445.0	1458.4	173369	-4.32	43.58	1481.45	1381.81
DATAPATNS	2385.0	2410.0	2251.0	2268.9	178467	-4.32	34.66	2403.26	2641.68
HAL	4499.95	4507.75	4290.45	4301.7	1544137	-4.71	40.96	4422.69	4137.08
PARAS	1017.05	1021.25	966.05	968.55	139736	-4.75	29.96	1071.25	969.62
DCXINDIA	299.95	303.2	288.1	288.75	306226	-4.78	27.24	321.25	337.01
AVANTEL	178.61	178.61	169.0	169.83	791640	-4.98	41.08	177.21	-
KRISHNADEF	667.8	680.0	643.95	643.95	37000	-4.99	33.96	701.04	576.2
COCHINSHIP	1530.95	1539.9	1454.1	1454.1	612006	-5.0	29.1	1647.59	1562.35
ROSSELLIND	96.05	96.58	91.76	91.76	45968	-5.0	17.16	112.75	445.35
NIBE	1659.9	1675.0	1585.45	1585.45	30257	-5.0	29.35	1821.32	1588.36
MARINE	221.61	221.61	210.52	210.52	384429	-5.0	36.27	228.66	160.04
PREMEXPLN	499.95	504.9	475.1	475.1	143591	-5.0	31.36	516.44	483.82
APOLLO	95.99	95.99	90.3	91.22	1332234	-5.26	27.21	100.93	110.92
TANEJAERO	464.0	471.7	431.2	440.0	23963	-5.26	29.43	488.0	486.41
BDL	1120.0	1121.8	1030.75	1057.85	1277242	-5.3	31.19	1146.98	1153.18
PTC	178.75	178.8	168.65	170.36	2033331	-5.65	23.18	196.41	209.17
ZENTEC	1894.0	1894.0	1751.0	1756.95	433824	-5.66	47.85	1783.1	1208.37
MTARTECH	1668.0	1670.0	1550.0	1564.15	279819	-6.16	29.34	1730.48	1873.72
MIDHANI	361.5	361.9	336.05	338.95	482970	-6.43	25.34	379.4	430.26
BEML	4060.0	4060.0	3780.1	3804.0	474848	-6.51	49.36	3753.19	3755.15
MAZDOCK	4685.0	4699.0	4116.0	4158.35	5211207	-10.89	45.84	4249.08	3335.4
GRSE	1800.0	1800.0	1462.4	1573.7	3426226	-12.77	38.75	1704.71	1412.81