



Defence Professionals News & Analysis

November 27, 2024 | Day 332

Top Gainers

Stock	Close	Prev	Change
ADANIEN	2397.8	2150.5	+11.5%
GRSE	1666.65	1539.8	+8.24%
BDL	1116.75	1032.1	+8.2%
HBLPOWER	616.4	578.95	+6.47%
MAZDOCK	4469.65	4234.15	+5.56%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	80.65	95.32	-15.39%
KRISHNADEF	639.25	704.25	-9.23%
TANEJAERO	415.6	423.4	-1.84%
TEMBO	724.0	730.7	-0.92%
MTARTECH	1775.0	1778.6	-0.2%

Defense Business and Industry

HAL CMD in Russia: Boosting Engine Production for Su-30 and Tejas



27-Nov-24

Hindustan Aeronautics Limited (HAL) CMD Dr. D. K. Sunil is in Russia to discuss engine production capabilities for the Su-30MKI and the Tejas Mk1A, amid delays in F-404 engine deliveries from GE Aerospace affecting the Tejas program. The visit aims to enhance India's indigenous defense capabilities by exploring potential co-development of the AL-31F engine, reducing reliance on imports and ensuring the operational readiness of the Indian Air Force's extensive Su-30MKI fleet. While the Tejas Mk1A program faces tight timelines, an engine switch is deemed unlikely due to the extensive testing required. This engagement highlights India's commitment to strengthening defense ties with Russia while addressing supply chain vulnerabilities in its defense sector, ultimately fostering a more self-reliant military infrastructure.

L&T and Navantia Unveil AIP System for India's Project 75(I)



27-Nov-24

Larsen & Toubro (L&T) and Spanish firm Navantia showcased their advanced Air Independent Propulsion (AIP) system integrated into a Spanish submarine, as part of India's Project 75(I) initiative to procure six AIP-fitted submarines valued at approximately ₹70,000 crore. This project emphasizes India's strategic partnership model, enhancing indigenous manufacturing and technology transfer, vital for reducing reliance on foreign suppliers. Navantia's AIP

system is state-of-the-art, allowing submarines to remain submerged for up to 21 days without reengineering, fulfilling the Indian Navy's operational requirements. As the Indian Navy evaluates competing bids—including one from Mazagon Dockyards and ThyssenKrupp—this collaboration is expected to bolster India's naval capabilities and contribute to a robust domestic defense ecosystem, aligning with broader national defense objectives amidst rising regional threats in the Indo-Pacific.

IIT Kanpur introduces Analakshya cloaking tech to boost defense stealth.



27-Nov-24

IIT Kanpur has unveiled the An?lak?hya Metamaterial Surface Cloaking System, a groundbreaking textile-based technology that enhances stealth capabilities against Synthetic Aperture Radar (SAR) imaging. Developed by a team led by esteemed professors and students, this innovation promises near-perfect wave absorption and effective protection against radar-guided missiles, significantly bolstering India's defense operational capabilities. The system has undergone rigorous testing from 2019 to 2024, showcasing its effectiveness in diverse conditions. This development marks a pivotal advancement towards India's self-reliance in defense technologies, reinforcing national security and the strategic superiority of the Indian armed forces in modern warfare.

Jaiteerth Joshi Appointed New Chief of BrahMos Aerospace



27-Nov-24

Dr. Jaytirth Raghavendra Joshi has been appointed the new chief of BrahMos Aerospace, effective December

1, 2023. BrahMos Aerospace, a joint venture between India's Defence Research and Development Organisation (DRDO) and Russia's NPO Mashinostroyeniya, is renowned for manufacturing the BrahMos missile, which boasts a range of 800 kilometers and a speed of Mach 2.8. The organization is currently advancing towards the development of BrahMos-II, a hypersonic missile that is expected to significantly bolster India's defense capabilities. This leadership change comes at a critical time as India continues to enhance its missile technology and defense infrastructure, showcasing its commitment to maintaining robust national security in an increasingly complex geopolitical landscape.

Indian Navy to Get Final 15 MH-60R Helicopters by 2025



27-Nov-24

The Indian Navy is set to receive the remaining 15 MH-60R Seahawk multi-role helicopters from the United States by the end of 2025, finalizing a 2020 agreement for a total of 24 helicopters worth over 14,000 crore. The advanced capabilities of the MH-60R, such as anti-submarine warfare and search and rescue operations, significantly enhance India's maritime operational readiness, particularly in the contested Indian Ocean Region. This acquisition aligns with India's goals of modernizing its naval fleet and bolstering its blue-water navy capabilities, reflecting a proactive approach to regional security amidst evolving geopolitical challenges. Training for Indian crews has already commenced, ensuring seamless integration into the Navy's operations.

China's J-35A Airshow Debut Sparks 'Knockoff' Accusations



27-Nov-24

The 15th China Air Show features the debut of the J-35A stealth fighter, which Chinese state media claims rivals top Western jets. However, international analysts highlight significant limitations, such as its twin-engine design hindering stealth and fuel efficiency, along with unresolved issues in radar-absorbing materials and avionic capabilities. Experts assert that the J-35A's design borrows heavily from the F-35 and Russian aircraft, raising concerns of it being a "knockoff." Additionally, systemic corruption within China's defense industry casts doubt on the aircraft's reliability and overall quality, suggesting that the J-35A may not achieve the operational success seen with its Western counterparts.

Defence Partnership Days: Strengthening Ties Between Armed Forces and Industry



27-Nov-24

The Defence Partnership Days, set for 28-29 November 2024 in New Delhi, aims to enhance collaboration between the Indian Armed Forces and the defense industry. Inaugurated by General Anil Chauhan, Chief of Defence Staff, the event will bring together over 200 companies and 100 Ministry of Defence officers to engage in targeted B2G and B2B meetings. An exhibition featuring 75 companies will showcase innovative solutions to bolster national defense capabilities. This initiative underscores India's commitment to indigenization, procurement efficiency, and fostering partnerships that enhance military readiness while expanding business opportunities within the defense sector.

Turkey Cuts \$23B F-16 Deal, Focuses on Domestic Production



27-Nov-24

Turkey has scaled down its \$23 billion F-16 deal with the US, opting to purchase 40 new F-16 Block 70 Viper jets for around \$7 billion while foregoing 79 modernization kits, which will be handled by its domestic aerospace industry. Additionally, Turkey continues to express a desire to rejoin the F-35 program and acquire 40 F-35 jets. This decision reflects Turkey's attempt to balance its defense needs with local industry capabilities, amidst ongoing tensions with the US. The situation underscores the complexities of Turkey's defense procurement strategy while reinforcing its commitment to maintain strong military capabilities through domestic production.

Astra Mk3 Missile Program Faces Delays, Yet Promises Future Strength



27-Nov-24

The Astra Mk3 air-to-air missile program, a vital enhancement to India's defense capabilities, is experiencing delays due to technological challenges, particularly in scaling air-breathing ramjet technology. DRDO officials have confirmed successful testing of the SFDR booster, critical for achieving the missile's intended supersonic speeds and long-range strikes, but full development is expected to take an additional 4 to 5 years. Despite these setbacks, the program reflects India's commitment to self-reliance in defense technologies and aims to equip the Indian Air Force with advanced capabilities to counter evolving aerial threats. Ultimately, officials remain optimistic about the

Astra Mk3's future operational readiness, which is essential for bolstering India's air defense strategy.

HAL Aims to Boost LCA-Tejas Exports with Free Evaluation Flights SHARE

27-Nov-24

Hindustan Aeronautics Limited (HAL) has initiated a strategic move to enhance exports of the LCA-Tejas Mk1 by offering free evaluation flights to interested foreign air forces, allowing them to experience the aircraft's capabilities firsthand. This initiative aims to position the Tejas Mk1 as a reliable, cost-effective fighter jet amidst global demand for modern military aircraft, particularly in Africa and the Middle East. With impressive features and proven performance, the Tejas Mk1 addresses the needs of smaller air forces seeking advanced capabilities without the high costs associated with Western platforms. HAL's outreach is expected to build confidence and facilitate new export contracts, solidifying India's standing in the global defense market.

DRDO Teams Up with Private Sector for Indigenous Submarine Signaling Devices SHARE

27-Nov-24

The Defence Research and Development Organisation (DRDO) is collaborating with the private sector to develop indigenous submarine signalling devices crucial for enhancing safety and communication, particularly during distress situations. These pyrotechnic devices will include coloured stars, coloured smoke, and white smoke with yellow flame, each designed for specific operational scenarios, allowing submarines to communicate effectively while submerged. By focusing on local manufacturing capabilities, this initiative aims to strengthen the indigenization of defence components, meeting the Indian Navy's unique communication challenges while enhancing operational coordination with allied forces. This move not only bolsters national security but also promotes self-reliance in India's defense sector.

Indian Navy Moves Towards Rafale M Deal Amid TEDBF Delays SHARE

27-Nov-24

The Indian Navy is nearing a deal for 26 Dassault Rafale M aircraft to enhance its carrier-based capabilities, addressing concerns over the delays in the indigenous Twin Engine Deck-Based Fighter (TEDBF) program. While the Rafale M offers a proven solution, its potential procurement raises fears of sidelining the TEDBF

initiative, which is critical for India's self-reliance in advanced fighter technologies. With the TEDBF program's timeline in jeopardy, reliance on foreign platforms could undermine India's Atmanirbhar Bharat goals and expose the Navy to supply chain vulnerabilities. Balancing immediate operational needs with long-term indigenous development remains a crucial challenge for India's defense strategy.

Geopolitics and Security Alliances

Biden Brokers Ceasefire Between Israel and Hezbollah Amid Tensions SHARE

27-Nov-24

A US-brokered ceasefire between Israel and Hezbollah has commenced after nearly 14 months of conflict, coinciding with escalating tensions in Gaza, resulting in significant casualties and displacement. The agreement stipulates a 60-day cessation of hostilities, troop withdrawals, and international monitoring by Lebanese forces and UN peacekeepers, though Israel retains the right to retaliate against any violations. While Israeli Prime Minister Netanyahu expresses caution, emphasizing the need to address other regional threats, including Iran, Lebanese Prime Minister Mikati welcomes the deal as a step toward stability. Despite the agreement, concerns linger regarding its sustainability, particularly given the unresolved tensions surrounding Gaza and the potential for future conflicts.

Jaishankar Urges Urgent Dialogue to Resolve Ukraine Conflict SHARE

27-Nov-24

External Affairs Minister S. Jaishankar emphasized the necessity for diplomatic negotiations to resolve the ongoing Russia-Ukraine conflict, stating that a solution cannot be achieved through military means alone. During his visit to Italy for the G7 Foreign Ministers Meeting, he highlighted the global ramifications of the conflict and called for a return to the negotiating table, urging both Russia and Ukraine to engage in dialogue. Jaishankar's remarks reflect India's stance on promoting peaceful resolutions and underscore the importance of international cooperation in addressing such geopolitical challenges, as the conflict has far-reaching implications beyond Europe.

Israel-Hezbollah Ceasefire: A Boost for India's Economic Ambitions SHARE

27-Nov-24

The recent ceasefire between Israel and Hezbollah is advantageous for India as it facilitates the progress of the India-Middle East-Europe Economic Corridor (IMEEC). This ambitious project aims to create a robust alternative to China's Belt and Road Initiative by enhancing connectivity through rail, port, and digital networks, ultimately bolstering trade and reducing Chinese influence in the region. With a stable geopolitical environment, India can strengthen its economic ties with the Middle East and Europe, thereby enhancing its strategic position in global trade dynamics. This development underscores India's proactive approach in asserting its influence amid evolving geopolitical challenges.

Rajnath Singh Visits Russia for Indian Navy Frigate Induction SHARE

27-Nov-24

Indian Defense Minister Rajnath Singh will visit Russia from December 8-10, 2024, to participate in the flag-raising ceremony for a Project 11356 frigate, marking its induction into the Indian Navy. This visit highlights the enduring defense partnership between India and Russia, emphasizing naval modernization and technology transfer under the Make in India initiative, with two frigates being constructed domestically. Singh will also engage in bilateral discussions with Russian Defense Minister Andrey Belousov, focusing on defense cooperation, joint production, and maritime security. This collaboration strengthens India's strategic capabilities and showcases its commitment to enhancing indigenous defense manufacturing.

India-US Collaboration Enhances High-Altitude Warfare Skills in J&K SHARE

27-Nov-24

A recent visit by a US Army delegation to India's High Altitude Warfare School underscores the increasing focus on high-altitude operations, particularly following the 2020 standoff with China along the LAC. India is enhancing its capabilities through extended troop deployments, research on human physiology in high altitudes, specialized equipment development, and vital infrastructure improvements. The collaboration with the US reflects a deepening strategic partnership aimed at sharing expertise in high-altitude warfare. As geopolitical dynamics evolve, both nations recognize the importance of strengthening their operational

readiness in this crucial domain, which is pivotal for maintaining regional security and stability.

India Welcomes Israel-Lebanon Ceasefire for Regional Stability SHARE

27-Nov-24

India welcomed the ceasefire announcement between Israel and Lebanon, expressing hope that it would foster peace and stability in the region amidst ongoing tensions. External Affairs Minister S. Jaishankar emphasized India's commitment to de-escalation and dialogue, while condemning terrorism and advocating for the protection of civilian lives. India has been in contact with both Israel and Iran, urging restraint, and maintains a contingent with UNIFIL in Lebanon, highlighting its concern over the security situation along the Blue Line. Through these diplomatic efforts, India aims to play a constructive role in stabilizing the region and upholding international humanitarian law.

Ceasefire proposal mandates only official forces to bear arms in Lebanon. SHARE

27-Nov-24

A ceasefire proposal between Hezbollah and Israel emphasizes that only "official" forces should be allowed to carry arms in Lebanon, highlighting both parties' commitment to adhere to United Nations Security Council Resolution 1701. This resolution calls for the disarmament of all armed groups in the country, aiming to reinforce state authority and stability in Lebanon. The proposal reflects an ongoing effort to mitigate regional tensions and reinforce peacekeeping measures, but the effectiveness will depend on the willingness of all involved parties to comply with disarmament. Given the complex dynamics in Lebanon, the real challenge lies in ensuring that non-state actors like Hezbollah are genuinely disarmed.

Trump Considers Direct Talks with North Korea to Ease Tensions SHARE

27-Nov-24

President-elect Donald Trump is considering direct talks with North Korean leader Kim Jong Un to mitigate risks of armed conflict, drawing on past diplomatic efforts. Despite the lack of concrete results from previous meetings, Trump's allies believe a renewed approach could influence North Korea's behavior, particularly amidst concerns over its nuclear program and its ties with Russia. Key challenges include North Korea's defiance and the complexities of international relations, especially with China and the U.S. military's presence in the region. An understanding between Trump and Kim

could foster peace, but significant hurdles remain before achieving tangible outcomes.

NATO Stands Firm with Ukraine After Recent Russian Missile Strike



27-Nov-24

NATO has reaffirmed its support for Ukraine following Russia's recent missile attack, emphasizing that this act is an attempt to intimidate both Ukraine and its allies. Ukrainian officials briefed NATO ambassadors on the situation, highlighting the attack's implications on civilian safety and the need for continued defense collaboration. NATO's military committee chair underscored the importance of adjusting production and distribution lines to withstand potential wartime scenarios and reduce dependency on adversarial powers like Russia and China. This strategic pivot not only focuses on military readiness but also emphasizes economic resilience as key to winning conflicts.

Hamas Signals Truce Readiness After Lebanon Ceasefire Progress



27-Nov-24

Hamas has expressed readiness for a ceasefire agreement in Gaza, indicating that it has communicated this willingness to mediators from Egypt, Qatar, and Turkey, while also accusing Israel of obstructing the process. This development follows a recent ceasefire in Lebanon, suggesting a potential shift in regional dynamics. The situation underscores the complexities of negotiations in conflict zones, where external mediation plays a crucial role. From an Indian perspective, the evolving scenario highlights the importance of stability in West Asia, given its implications for regional security and counter-terrorism efforts that resonate with India's strategic interests, especially in combating extremism.

Israel Strikes Lebanon-Syria Crossings Amid Escalating Tensions



27-Nov-24

Israel conducted strikes on Lebanon's border crossings with Syria, targeting areas near the Arida and Dabousieh crossings, just before a ceasefire, resulting in reported casualties and damage to ambulances and facilities, according to the Red Crescent. Meanwhile, the US military targeted a weapons storage facility in Syria, emphasizing ongoing tensions in the region. These actions reflect a continuing strategic imperative for Israel and the US to counter perceived threats from militant groups supported by Iran, illustrating the complexities and volatility in Middle Eastern

geopolitics. Such military operations may heighten regional instability but are deemed necessary for national security by both countries.

China's Military Surge Near Taiwan Raises Regional Tensions



27-Nov-24

Taiwan's defense ministry reported a surge in Chinese military activity, with 17 aircraft and seven vessels detected near its territory, including 10 aircraft crossing the median line of the Taiwan Strait. This escalated presence follows earlier incursions, indicating a persistent strategy by China to exert pressure on Taiwan. The situation underscores the vulnerability of Taiwan amid increasing assertiveness from Beijing, which poses challenges not only for Taiwan but also for regional stability. For India, the developments highlight the importance of bolstering its own defense capabilities and fostering strategic partnerships in the Indo-Pacific to counterbalance China's expansive military ambitions.

Musk's F-35 Critique: A Call for India's Drone Strategy Shift



27-Nov-24

Elon Musk's criticism of the F-35 program highlights concerns over its exorbitant costs and relevance in an era increasingly dominated by drone warfare, suggesting a shift towards unmanned aerial systems (UAS). His remarks reflect a growing trend in military strategy, emphasizing the need for nations, including India, to balance manned fighter capabilities with advanced drone technologies. The Indian Air Force (IAF) is already investing in indigenous UAS development while pursuing advanced manned aircraft like Rafale and AMCA. To maintain strategic superiority, India must prioritize indigenization, integrate AI and networking into drone operations, and ensure that its defense spending remains cost-effective to reduce reliance on expensive imports.

Jaishankar Defends India's Russian Oil Purchases Amid Criticism



27-Nov-24

EAM Jaishankar defended India's decision to purchase Russian oil, emphasizing that India's energy sourcing is based on market realities rather than political pressures. He pointed out that as a major oil consumer, India needs to secure affordable energy, especially as Europe has increased its imports of Russian oil since the Ukraine conflict. Jaishankar criticized what he termed Europe's "selective approach" to disengagement

from Russia and questioned why India should incur higher costs to appease Western sensibilities, highlighting India's pragmatic stance in balancing energy needs with geopolitical considerations. This reflects India's commitment to ensure energy security while navigating complex global dynamics.

UK PM Starmer Hails Israel-Hezbollah Ceasefire for Peace Efforts

27-Nov-24

UK Prime Minister Keir Starmer welcomed a ceasefire deal between Israel and Hezbollah, emphasizing its potential to alleviate the suffering of civilians in Lebanon and northern Israel. He called for continued efforts by the UK and its allies to break the cycle of violence and achieve sustainable peace in the Middle East. Starmer also urged for an immediate ceasefire in Gaza, advocating for the release of hostages and unhindered humanitarian aid. This reflects a broader commitment to address longstanding conflicts in the region, highlighting the importance of international cooperation in fostering stability and peace.

Indian Army Intensifies Search for Missing Man in Manipur

27-Nov-24

The Indian Army has launched an intense search operation for Laishram Kamalbabu Singh, a missing works supervisor from Assam, who disappeared while heading to Leimakhong Military Station. The operation involves drones, tracker dogs, and collaboration with civil society organizations as tensions rise among the local Meitei community, who suspect militant involvement in the disappearance. Amid this unrest, protests broke out, with demonstrators blocking roads, demanding state intervention for Singh's safe return. The Army is coordinating efforts with local authorities and communities to ensure a peaceful resolution and is committed to safeguarding the local populace while addressing security concerns in the region.

US Airstrike Targets Iranian-Aligned Weapons Facility in Syria

27-Nov-24

The US military conducted an airstrike in Syria targeting a weapons storage facility linked to an Iranian-aligned group, a response to recent attacks on US forces. The operation aimed to mitigate the risk of future assaults on US and coalition personnel engaged in anti-ISIS efforts, and it reportedly resulted in no civilian casualties. This action underscores the ongoing tensions in the region, highlighting the US's commitment to protecting its forces and interests amidst the complex dynamics involving Iranian influence. Such military responses reflect a strategic approach to counter threats and maintain stability in areas of conflict, showcasing the importance of decisive action in modern warfare.

Military Operations

Ukraine Urgently Seeks Enhanced Air Defense Amid Russian Drone Strikes

27-Nov-24

Recent developments have highlighted the ongoing drone warfare between Russia and Ukraine, with Kyiv reporting injuries from a Russian drone attack that saw air defenses intercept a significant number of attacks, although many drones remain unaccounted for. President Zelenskyy emphasized the urgent need for enhanced air defenses in light of Russia's increased drone and missile assaults, including the introduction of the new Oreshnik missile, which poses a heightened threat despite being a conventional weapon. In parallel, a Ukrainian delegation is currently in South Korea seeking military aid, specifically artillery and air defense systems, as Ukraine aims to bolster its capabilities against Russian aggression; however, South Korea has thus far only provided non-lethal assistance and is weighing its options for potentially lethal aid. The situation underscores the critical need for Ukraine to secure advanced defense systems to counteract the escalating Russian military threats and the strategic implications of international support in this protracted conflict.

Terrorism and Counterterrorism

PM Vows Strong Response to Terrorism on 26/11 Anniversary

27-Nov-24

Prime Minister Narendra Modi commemorated the 26/11 terrorist attacks during the Constitution Day celebrations, emphasizing India's unwavering resolve to respond decisively to any terrorist organization threatening national security. He paid tribute to the victims of the 2008 Mumbai attacks while highlighting the significance of the Constitution, which was adopted on this date in 1949. Modi's remarks reflect India's commitment to upholding constitutional values and

maintaining a strong stance against terrorism, reinforcing the government's determination to safeguard the nation's integrity. This alignment of constitutional pride with national security illustrates India's dual focus on democratic principles and counter-terrorism efforts.

J&K Police Launch Major Anti-Terror Raids, Arrest Multiple Suspects

27-Nov-24

In a significant operation against terrorism, Jammu and Kashmir Police arrested several terror suspects and Over Ground Workers (OGWs) during extensive raids across multiple districts, including Rajouri, Poonch, Udhampur, and Reasi. These actions targeted networks linked to proscribed organizations such as Jaish-e-Mohammed and Lashkar-e-Taiba, aiming to disrupt their logistics and operations. Seizures included weapons, cash, and electronic devices, highlighting the thoroughness of the intelligence-led operations while ensuring civilian safety. The police emphasized ongoing investigations and encouraged public vigilance to bolster collective efforts against terrorism, underscoring a strong commitment to restoring peace and security in the region.

Mil Personnel & Veterans

Army Chief Honors Four Mechanised Infantry Battalions with President's Colours

27-Nov-24

General Upendra Dwivedi, Chief of the Army Staff, presented the prestigious President's Colours to four battalions of the Mechanised Infantry at a ceremony in Ahilyanagar, recognizing their exemplary service to the nation. The honours went to the 26th and 27th Battalions of the Mechanised Infantry Regiment and the 20th and 22nd Battalions of the Brigade of The Guards. Highlighting the modernisation efforts of the Mechanised Infantry, the COAS emphasized their critical role in both combat and peacekeeping missions, with advanced systems enhancing their capabilities. This recognition not only boosts morale but also reinforces India's commitment to self-reliance and transformation in military operations.

Army Chief General Dwivedi Visits Southern Command, Honors Veterans and Showcases Innovations

27-Nov-24

General Upendra Dwivedi, the Chief of the Army Staff, visited the Southern Command headquarters in Pune, focusing on operational readiness and preparations for the inaugural Army Day Parade in January 2025. He honored two veterans for their exceptional contributions post-retirement and witnessed the Southern Star Idea Innovation Display, emphasizing the importance of innovation in enhancing the Army's capabilities. Additionally, in his keynote address at the General BC Joshi memorial lecture, he highlighted the Indian Army's critical role in national security and development, reinforcing the strong ties between the military and higher education, underscoring the enduring legacy of General Joshi in strategic studies and defense discourse.

Miscellaneous

ISKCON Bangladesh Condemns Arrest, Urges Peaceful Coexistence

27-Nov-24

ISKCON Bangladesh condemned the arrest of Chinmoy Krishna Das, labeling the charges as unfounded and advocating for peaceful coexistence among all communities in Bangladesh. They called for government accountability regarding violence against minorities and asserted the need for justice to protect civil rights. Chinmoy Krishna Das, while in custody, urged his supporters to maintain peace and reaffirmed the Sanatani community's integration within the state. India expressed deep concern over the arrest, highlighting the disparity in treatment of minority leaders compared to perpetrators of violence, and called on Bangladesh to ensure the safety of its minority populations, which underscores India's commitment to regional stability and the protection of human rights.

India Approves First Space Station and Venus Mission by 2028

27-Nov-24

The Indian government has approved significant advancements in its space exploration initiatives, including the Venus Orbiter Mission (Shukrayaan-1), set for launch in 2028, and the establishment of the Bharatiya Antariksha Station (BAS), India's first space

station, expected to be operational by 2035. The Shukrayaan mission aims to deepen scientific understanding of Venus, which shares similarities with Earth, while the BAS will consist of five modular units to conduct microgravity research and support long-duration human space missions. The Gaganyaan program, which encompasses these projects, has received substantial funding, now totaling approximately ₹20,193 crore (\$2.4 billion), to ensure the successful development of critical technologies for human spaceflight, including an increased focus on collaboration with nations like Japan for future lunar missions. By advancing these projects, India not only aims to solidify its position among the world's elite spacefaring nations but also to enhance its capabilities in disaster management and scientific innovation, thus fostering economic growth and international partnerships. However, challenges remain, particularly in securing funding through international collaboration and private sector involvement, and in developing advanced life support and radiation protection systems, which are vital for the success of ambitious projects like the BAS. Overall, these initiatives reflect India's growing commitment to space exploration, with a vision that not only emphasizes scientific discovery but also aims to help position the nation strategically in the global geopolitical arena.

Silicon Valley Indian Americans Rally for Hindu Rights Amid Violence

 SHARE

27-Nov-24

Indian Americans in Silicon Valley organized a solidarity rally at Milpitas City Hall, condemning violence against Hindus in Canada and Bangladesh, particularly highlighting the recent attacks by Khalistani extremists during a Diwali celebration at the Hindu Sabha temple in Brampton. Community leaders criticized the Canadian government for its failure to protect its Hindu minority and expressed concerns over infiltration of police by Khalistani supporters. Participants called for accountability from both the Canadian and Bangladeshi governments and emphasized the urgent need to safeguard human rights for Hindus facing threats in these regions. The rally underscored the growing apprehension among Indian Americans regarding global Hindu safety and the perceived inaction of Western governments.

Defence Datathon 2024 Concludes, Showcasing Military Data Skills

 SHARE

27-Nov-24

The second edition of the Defence Datathon, held at the College of Defence Management in Secunderabad, concluded on November 27, 2024, with participants from the Indian Armed Forces and the Coast Guard showcasing their data analytics skills. The competition aimed to foster a data-driven decision-making culture by addressing themes such as the Israel-Hamas conflict, China-Taiwan dynamics, dietary preferences for armed forces, and India's trade trajectory. The event highlighted the increasing importance of big data in modern warfare, emphasizing that data is the new ammunition in the digital battlefield. Such initiatives align the Indian military with contemporary information age strategies, enhancing operational effectiveness and strategic insights.

Army Chief: Tourists to Experience Iconic Battlefields Like Siachen

 SHARE

27-Nov-24

The Indian Army plans to open iconic battlefields such as Siachen Glacier, Kargil, and Galwan Valley to tourists, providing them with a firsthand experience of these significant sites. This initiative aims to enhance tourism in Jammu and Kashmir, potentially doubling visitor numbers over the next five years and shifting the narrative from terrorism to tourism. By promoting these regions, the Army not only fosters a greater understanding of India's military history but also contributes positively to the local economy and community stability. This strategic move underscores the dual role of defense forces in safeguarding national interests while also promoting peace and development in sensitive areas.

Russia Surpasses Others as India's Top Crude Oil Supplier

 SHARE

27-Nov-24

Union Minister Hardeep Singh Puri announced that Russia has emerged as India's largest crude oil supplier, comprising over 35% of imports, a stark rise from 0.2% in February 2022. He highlighted India's diverse energy sourcing, including significant contributions from Saudi Arabia, the UAE, and the US, while underlining ongoing government efforts in energy sector advancements, such as reduced fuel prices, increased ethanol blending, and expanded gas distribution coverage. Puri's remarks reflect India's strategic pivot in energy partnerships, enhancing energy security and promoting sustainability,

positioning India as a resilient player in the global energy landscape.

DRDO and IIT Delhi Showcase Breakthroughs in Quantum Communication



27-Nov-24

The DRDO and IIT Delhi have demonstrated significant advancements in quantum communication technologies, including entanglement-based quantum key distribution (QKD) over distances of up to 50 km in fiber and 80 m in open space. The collaboration has led to innovations like hybrid entanglement and the development of high-performance photon sources crucial for secure communications. These breakthroughs position India as a frontrunner in quantum technologies, enhancing security in critical sectors like defense and finance. The initiatives emphasize indigenous development in quantum components, reflecting India's commitment to strengthening its technological capabilities in advanced defense systems.

Old Salman Khan Video Sparks Controversy on 26/11 Anniversary



27-Nov-24

On the 16th anniversary of the 26/11 attacks in Mumbai, an old video of actor Salman Khan resurfaced, sparking controversy as he seemingly absolved Pakistan of responsibility, suggesting the attacks were exaggerated due to elite targets. His remarks, made in a 2010 interview, emphasized failures in Indian security and highlighted that attacks occur domestically as well. The backlash on social media led Khan to apologize, claiming his comments were taken out of context. This incident underscores the delicate balance between public figures expressing opinions and the sensitivities surrounding national tragedies, particularly in light of ongoing tensions with Pakistan.

India Unveils \$5B Incentives to Boost Local Electronics Production



27-Nov-24

India is set to offer \$5 billion in incentives to boost local electronics production, targeting critical components like printed circuit boards to reduce dependency on imports from China, which accounted for over half of the \$89.8 billion worth of electronics imported in fiscal 2024. With the electronics sector projected to reach \$115 billion by 2024 and an ambitious goal of \$500 billion by 2030, this initiative aims to strengthen domestic supply chains and enhance local value

addition. By fostering local manufacturing capabilities, the government is strategically positioning India to enhance its competitiveness in the global electronics market while ensuring national security and economic resilience.

TakeMe2Space to Launch Groundbreaking AI Lab in Orbit



27-Nov-24

TakeMe2Space is set to launch the MOI-TD, a pioneering artificial intelligence laboratory in space, aimed at revolutionizing satellite data processing by handling it directly in orbit, significantly reducing costs and latency. This facility will enable real-time analysis of Earth observation data and offers a Satellite-as-a-Service platform, encouraging collaboration and democratizing access to space research. With advanced technology and partnerships already in place, including with Indian students, the initiative showcases India's growing role in space innovation and its potential to enhance capabilities in environmental monitoring and other applications, paving the way for broader advancements in space-based computing.

UK's Starmer Government Set to Renew FTA Talks with India



27-Nov-24

Indian envoy Vikram Doraiswami announced that the UK government under Prime Minister Keir Starmer is ready to restart negotiations for a Free Trade Agreement (FTA) with India, which had been stalled due to elections in both nations. Recent discussions between Prime Ministers Modi and Starmer at the G20 Summit have revitalized prospects for enhanced bilateral trade, currently valued at around GBP 38.1 billion annually. This renewed commitment underscores the importance of strengthening economic ties and fostering collaboration, which can significantly benefit both economies. Ultimately, the FTA could facilitate increased trade, investment, and job creation, enhancing India's global economic standing.

India and Cyprus Strengthen Ties in 6th Foreign Office Talks



27-Nov-24

India and Cyprus recently held their 6th Foreign Office Consultations in Nicosia, marking a significant step in enhancing their diplomatic ties since their last meeting in 2014. Both nations discussed a broad range of topics, including trade, investment, digitalization, and cultural exchanges, which underscores their commitment to fostering deeper bilateral cooperation

and people-to-people connections. The discussions reflect India's strategic outreach to strengthen partnerships in diverse areas, enhancing its presence in the Eastern Mediterranean region. This evolving relationship not only boosts economic ties but also aligns with India's broader geopolitical interests, showcasing its proactive approach in enhancing international collaborations.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
ADANIENT	2180.0	2418.0	2142.15	2397.8	17502156	11.5	36.82	2737.39	3076.4
GRSE	1549.0	1700.0	1535.6	1666.65	1960221	8.24	60.36	1505.76	1487.72
BDL	1036.05	1130.0	1032.25	1116.75	2151834	8.2	58.44	1027.8	1173.86
HBLPOWER	583.0	618.8	578.5	616.4	4585215	6.47	63.0	557.56	549.14
MAZDOCK	4264.0	4500.0	4244.25	4469.65	3065917	5.56	62.59	4104.39	3554.62
COCHINSHIP	1480.0	1504.05	1460.0	1504.05	536695	5.0	54.94	1418.08	1634.29
MARINE	245.0	253.3	245.0	253.3	391305	5.0	64.84	226.2	174.55
CFF	665.0	676.0	662.0	676.0	31000	4.99	62.56	623.05	597.75
ZENTEC	1826.0	1959.9	1813.4	1907.3	626375	4.79	60.98	1815.59	1331.51
PARAS	1040.5	1082.75	1028.25	1080.55	314373	4.79	58.29	1009.71	997.67
MIDHANI	324.05	341.35	322.8	338.1	739144	4.34	52.21	326.13	415.17
BEML	4043.0	4200.0	4018.6	4188.8	443463	4.32	62.0	3966.32	3837.6
PREMEXPLN	429.15	452.0	425.95	449.9	88351	4.31	48.38	445.84	501.14
BEL	298.85	307.95	297.45	307.35	39464505	3.17	64.48	288.98	266.95
DATAPATNS	2374.75	2425.0	2352.25	2420.85	160791	2.68	56.3	2315.63	2687.17
HAL	4376.0	4488.7	4355.0	4474.65	2144888	2.52	59.26	4247.02	4288.63
NIBE	1670.0	1737.0	1661.5	1704.9	23472	2.33	47.48	1748.46	1695.93
DCXINDIA	322.75	333.5	322.65	329.95	304530	2.23	52.69	330.66	333.41
PTC	168.0	171.95	167.1	171.59	948712	2.15	44.05	175.43	204.52
ASTRAMICRO	765.0	776.25	761.55	767.5	170625	0.99	47.68	769.71	783.98
HIGHENE	603.9	604.0	590.0	595.0	6294	0.98	43.38	617.12	709.6
APOLLO	94.5	97.38	93.6	95.01	1784423	0.76	44.9	97.46	107.75
SOLARINDS	10250.95	10355.0	10186.0	10291.7	28376	0.57	50.06	10106.11	9704.11
AVANTEL	154.4	156.19	152.11	154.36	510361	0.53	42.02	159.97	-
LOKESHMACH	347.0	350.0	343.6	345.4	57068	0.52	45.69	355.26	389.77
IDEAFORGE	571.0	575.0	565.8	571.65	186685	0.4	39.87	581.27	706.78
BHARATFORG	1325.25	1332.4	1313.2	1325.4	359994	0.25	37.66	1373.49	1433.71
AZAD	1716.6	1765.0	1672.15	1715.65	331195	0.22	63.41	1594.15	1481.68
SIKA	2598.15	2598.15	2500.1	2534.5	1528	0.17	52.39	2506.15	2390.61
LT	3704.0	3720.0	3685.0	3698.7	971816	-0.11	59.18	3586.16	3580.63
MTARTECH	1778.6	1787.95	1760.05	1775.0	80590	-0.2	62.17	1663.13	1815.22
TEMBO	0.0	728.95	700.65	724.0	43201	-0.92	85.69	555.91	311.95
TANEJAERO	429.9	431.0	412.2	415.6	26329	-1.84	45.02	413.07	491.02
KRISHNADEF	0.0	639.25	619.0	639.25	26000	-9.23	40.94	680.95	591.01
ROSSELLIND	0.0	80.65	80.65	80.65	1944	-15.39	24.82	91.3	426.71