



Defence Pro News & Analysis

October 19, 2024 | Day 293

Top Gainers

Stock	Close	Prev	Change
MAZDOCK	4526.35	4237.8	+6.81%
BEML	4039.05	3909.4	+3.32%
SOLARINDS	11421.8	11173.95	+2.22%
AZAD	1581.1	1549.95	+2.01%
GRSE	1764.65	1744.7	+1.14%

Top Losers

Stock	Close	Prev	Change
MTARTECH	1681.4	1730.8	-2.85%
BDL	1129.85	1152.4	-1.96%
ASTRAMICRO	802.8	818.25	-1.89%
IDEAFORGE	649.35	661.3	-1.81%
PTC	184.7	187.52	-1.5%

Defense Business and Industry

India Opts for US LM2500 Engines for Naval Ships Over Indigenization



19-Oct-24

India's agreement with GE Aerospace for LM2500 gas turbine engines, to be locally assembled by HAL for naval ships, has sparked debate over reliance on foreign technology amidst the push for self-reliance in defense. Critics advocate for prioritizing indigenous or European alternatives, yet the LM2500's proven reliability and efficiency in various naval platforms underscore its strategic value. Alternatives like the Kaveri Marine Gas Turbine are not yet mature, and European options present challenges in size and cost. The deal represents a pragmatic choice, fostering local production while addressing immediate naval needs until domestic solutions become viable, thus supporting India's broader defense manufacturing goals.

Safran to Boost M-88 Engine Production in India for Rafale Bid



19-Oct-24

Safran has pledged to manufacture M-88 engines in India to support Dassault Aviation's bid for the Indian Air Force's MRFA tender for 114 jets. With an existing facility in Hyderabad, Safran plans to boost production capacity and transfer technology to enhance indigenous manufacturing, aiming for 60% local content and a maintainability rate of 75%. This initiative aligns with India's "Make in India" campaign, promoting self-reliance in defense and fostering partnerships with private sector companies. By localizing production, Safran aims to strengthen Dassault's position against competitors while contributing to India's defense modernization and economic growth.

IAF Seeks Private Sector Support for Tejas Mk2 Production Expansion



19-Oct-24

The Indian Air Force (IAF) is seeking private sector involvement to accelerate the production of the indigenous Tejas Mk2 fighter jet, as increased orders for the Tejas Mk1A may overwhelm Hindustan Aeronautics Limited's (HAL) production capacity. With a potential delay in transitioning to Mk2 manufacturing until 2035, the IAF proposes that private companies establish dedicated lines to produce 5 Mk2 jets annually, ensuring timely deliveries while HAL scales up. This initiative could see up to 40 of the planned 120 Mk2 jets outsourced, offering significant opportunities for private manufacturers, especially those already engaged with the Advanced Medium Combat Aircraft (AMCA) program. Overall, this approach underscores the IAF's commitment to enhancing indigenous capabilities and modernization efforts.

India's FRCV to Feature Indigenous 120mm Smoothbore Gun



19-Oct-24

India's Armament Research and Development Establishment (ARDE) is developing an indigenous 120mm smoothbore gun for the Future Ready Combat Vehicle (FRCV), marking a strategic shift from the rifled gun used in the Arjun Main Battle Tank. This transition aligns India with global tank design trends, enhancing armored capabilities by allowing the use of high-energy, fin-stabilized projectiles, crucial for modern warfare. The FRCV aims to replace the outdated T-72 fleet while incorporating advanced technologies in mobility, protection, and firepower. This initiative reflects India's commitment to self-reliance and modernization of its defense forces, ensuring competitiveness in a rapidly evolving global arms landscape.

India to Receive First MQ-9B Predator Drone by Jan 2029 SHARE

19-Oct-24

India is set to enhance its defense capabilities with the acquisition of 31 MQ-9B Predator drones from General Atomics, valued at nearly \$3.5 billion, under the U.S. Foreign Military Sales program. The first unit will arrive in January 2029, with final delivery expected by September 2030, allowing for phased integration into the Navy, Army, and Air Force. These high-altitude, long-endurance drones will bolster surveillance and strike capabilities, particularly in sensitive areas along the borders with China and Pakistan. The deal also includes maintenance support in India, promoting indigenous defense industry development and underscoring India's commitment to modernizing its armed forces in a dynamic security landscape.

Indian Army Urgently Seeks Light Helicopters to Modernize Fleet SHARE

19-Oct-24

The Indian Army's urgent need for light utility helicopters (LUHs) has been underscored by a requirement for 394 units to replace outdated Cheetah and Chetak models. Although the LUH program initiated in 2009 recently gained momentum with contracts for the production of 12 helicopters, immediate needs are still unmet, prompting the Army to lease 20 helicopters for five years. Additionally, the Army's collaboration with civil aviation providers for logistics in remote areas reflects a strategic approach to enhance operational efficiency. As the limited series production progresses, the Army seeks to expedite the replacement of its aging fleet to better operate in challenging terrains, especially at high altitudes.

IAF Prioritizes Self-Reliance in Aviation Amid Global Challenges SHARE

19-Oct-24

Air Marshal Vijay Kumar Garg of the Indian Air Force (IAF) highlighted the necessity for self-reliance in aviation equipment design and development at the AVISEM-24 seminar in Pune, emphasizing this approach amid global conflicts. The IAF is investing Rs 6,000 crore in indigenous projects and fostering collaboration with industry partners to enhance capabilities and reduce dependence on foreign suppliers. The seminar facilitated engagement among over 100 industry stakeholders and included a MoU with the Maratha Chamber of Commerce to promote cooperation. This strategic focus on self-reliance reflects India's commitment to strengthening its defense capabilities, ensuring sustainable growth in a challenging global environment.

Indigenous Tech from TDF Scheme Boosts India's Defense Innovation SHARE

19-Oct-24

Raksha Mantri Shri Rajnath Singh emphasized the need for the private sector to lead in India's defense innovation during the DRDO-Industry Workshop on Defence Technology Acceleration. He highlighted the significant role of the Technology Development Fund (TDF) in supporting indigenous projects, with over 79 initiatives sanctioned and 18 successfully developed.

The event showcased cutting-edge technologies handed over to users, enhancing national security and promoting self-reliance. Singh urged collaboration between industry and R&D to tackle modern warfare challenges, reflecting the Indian government's commitment to fostering an innovative defense ecosystem that leverages the capabilities of MSMEs and start-ups for future advancements.

Mazagon Dock Gears Up for P15B Destroyer Surat and P17A Frigate Nilgiri Commissioning SHARE

19-Oct-24

Mazagon Dock Shipbuilders Limited is preparing for the commissioning of the P15B destroyer Surat and the P17A frigate Nilgiri, both scheduled for late 2024. Surat, the final vessel of its class, boasts advanced stealth features and weaponry, enhancing the Indian Navy's operational capabilities in the Indian Ocean Region. Nilgiri, the first of the P17A class, signifies a leap in indigenous shipbuilding with its upgraded stealth and modular construction techniques. These developments reflect India's commitment to bolstering its naval strength and reducing reliance on foreign defense systems, showcasing significant advancements in domestic defense manufacturing.

Transforming C-390M: India's Mini Aerial Bomber for Nirbhay SHARE

19-Oct-24

India is exploring the conversion of the Embraer C-390M transport aircraft into a dual-role platform capable of launching Nirbhay cruise missiles and Air-Launched Unmanned Aerial Vehicles (ALUAVs). This innovative approach aims to enhance the Indian Air Force's (IAF) long-range strike capabilities while maintaining cost-effectiveness and flexibility. By retrofitting the C-390M, the IAF can utilize the platform for both transport and combat missions, thereby extending its strategic reach without the need for dedicated bomber aircraft. This transformation is seen as a significant advancement in adapting to modern warfare demands, enhancing operational readiness in a rapidly evolving security environment.

HAL and GE Set for Major F-414 Engine Tech Transfer by December SHARE

19-Oct-24

Hindustan Aeronautics Limited (HAL) is nearing a significant agreement with General Electric (GE) for an 80% transfer of technology (ToT) for the F-414 engine, expected to be finalized by December. This deal will enhance India's self-reliance in defense manufacturing, allowing HAL to produce crucial components for advanced fighter aircraft like the Tejas Mk II and the Advanced Medium Combat Aircraft (AMCA). While some high-end technology may remain proprietary to GE, this substantial transfer marks a pivotal step in boosting India's aeronautical engineering capabilities, enabling greater flexibility in the design and performance of future aircraft, crucial for national defense.

ELBIT Proposes Advanced Helmet Display for India's AMCA Program



19-Oct-24

Israeli firm ELBIT Systems has proposed an advanced Helmet Mounted Display (HMD) system for India's Advanced Medium Combat Aircraft (AMCA) program, aimed at enhancing pilot operational capabilities by integrating with the existing DASH helmet system. This HMD would potentially replace the conventional Head-Up Display (HUD), improving target engagement and simplifying cockpit design to reduce pilot workload during high-pressure scenarios. The shift towards HMD aligns with global trends in advanced fighter jets, emphasizing situational awareness. While the final configuration of the AMCA cockpit remains undecided, adopting ELBIT's technology could position India at the forefront of modern aerial combat capabilities.

Saab Offers Gripen E/F to India with 3-Year Delivery, Full Tech Transfer



19-Oct-24

Saab has proposed its Gripen E/F fighter jet for India's Multi-Role Fighter Aircraft (MRFA) deal, promising the first indigenously-built aircraft within three years and complete technology transfer for the \$20 billion contract. Emphasizing the establishment of full-scale production in India, Saab is engaging with local partners, including the Adani Group, to enhance domestic capabilities. The Gripen E/F's advanced features, including AI integration and software upgrades, position it competitively against rivals like Rafale and F-18. This move not only supports India's 'Make in India' initiative but also aims to bolster the country's defense industry by fostering innovation and local manufacturing.

MDL Achieves Indigenous Production of Ship Bridge Window Glass



19-Oct-24

The Mazagon Dock Shipbuilders Limited has successfully indigenized Bridge Window Glass for ships in collaboration with M/s Jeet & Jeet Glass, enhancing domestic defense manufacturing. These specialized glasses, critical for the Indian Navy's operations, are blast-proof and radar-opaque, reducing reliance on imports and supporting self-reliance in defense. Their installation is vital for ensuring safety and operational efficiency during navigation and helicopter operations on warships. This achievement underscores the growing capabilities of Indian defense manufacturers and their alignment with the country's naval modernization objectives, marking a significant step forward in enhancing indigenous defense production.

ADA to Unveil Tejas MkII Cockpit Mock-Up at Aero India 2025



19-Oct-24

The Aeronautical Development Agency (ADA) will unveil a Mock-front cockpit section of the Tejas MkII at Aero India 2025, showcasing advancements in India's defense aviation sector. The mock-up features essential cockpit components, including dummy seats and advanced avionics consoles, designed to

enhance pilot ergonomics and situational awareness. With four mock sections planned for various purposes, this display is set to draw significant attention from defense experts and industry stakeholders at one of Asia's largest defense exhibitions. This initiative underscores India's commitment to developing cutting-edge military technology and illustrates the progress being made in enhancing the capabilities of its indigenous fighter aircraft.

Defense Policy and Budgeting

Embrace technology and critical thinking for modern warfare: Raksha

Mantri



19-Oct-24

Raksha Mantri Shri Rajnath Singh urged military leaders at the National Defence College to adapt to modern warfare's complexities by leveraging advanced technologies, including AI and quantum computing, to gain a strategic edge. He emphasized the importance of critical thinking, ethical decision-making, and understanding global dynamics in preparing for future conflicts. The Raksha Mantri highlighted the need for evolving military education to incorporate unconventional warfare case studies and a collaborative approach using the extensive alumni network. This initiative aims to enhance the capabilities of India's military leaders and ensure a future-ready, technologically advanced armed force that can effectively address emerging threats.

Geopolitics and Security Alliances

Putin thanks Modi for his diplomatic efforts on Ukraine crisis



19-Oct-24

Russian President Vladimir Putin expressed appreciation for Prime Minister Narendra Modi's efforts in addressing the Ukraine crisis, emphasizing the need for dialogue and diplomacy. During a media briefing ahead of the BRICS Summit, Putin reiterated Russia's commitment to a peaceful resolution while attributing the halt of negotiations to Ukraine. He also highlighted the significance of BRICS as a platform for economic growth in the Global South, asserting that it is not an anti-Western group. Modi's upcoming visit to Russia underlines India's strategic engagement within BRICS, reinforcing its position in a multipolar world and fostering collaboration among emerging economies.

Canadian FM: Remaining Indian Diplomats Under Scrutiny



19-Oct-24

Canadian Foreign Affairs Minister Melanie Joly stated that the remaining Indian diplomats in Canada are on notice following the expulsion of six Indian diplomats amid allegations of Indian involvement in the killing of Indo-Canadian activist Hardeep Singh Nijjar. Joly likened the situation to Russian transnational repression, citing links between Indian diplomats and criminal

activities in Canada. India has vehemently denied these accusations, labeling them as politically motivated and asserting that Canada has not provided evidence to support its claims. This diplomatic rift highlights the challenges both nations face in addressing issues related to the Khalistani movement while maintaining bilateral relations.

Putin Highlights Russia-China's Unique Partnership for Stability



19-Oct-24

Russian President Vladimir Putin emphasized the rapidly growing trade and "unique" relationship between Russia and China, highlighting their collaboration as a significant factor for global strategic stability. He noted that their partnership is built on mutual interests, with no hierarchy, promoting each other's benefits in areas like energy and agriculture. This relationship, which contributes to the broader BRICS coalition that includes India and other nations, showcases a growing bloc that can influence global dynamics. As Russia and China deepen their ties, India must strategically navigate these developments to bolster its own regional influence and security interests.

BRICS Summit: A Platform for Diverse Dialogue and Cooperation



19-Oct-24

The Russian envoy Alipov highlighted the significance of the upcoming BRICS summit in Kazan, emphasizing its role in promoting multilateralism, civilizational diversity, and inclusive dialogue among emerging economies. With Prime Minister Narendra Modi's participation, the summit aims to enhance cooperation across various sectors, counterbalance Western dominance, and address development goals for the Global South. Alipov mentioned the growing interest from other nations to join BRICS, reflecting its increasing geopolitical relevance. He also noted the need for alternative financial mechanisms to foster deeper economic integration among member states, thereby enhancing their collective influence on the global stage.

India and Saudi Arabia Strengthen Strategic Partnership Review



19-Oct-24

India and Saudi Arabia recently reviewed the work of the Strategic Partnership Council (SPC), focusing on enhancing bilateral relations and addressing regional and global issues. The SPC, established in 2019 during Prime Minister Modi's visit to Saudi Arabia, includes sub-committees for political, security, and economic cooperation. Former diplomat Zikrur Rahman emphasized the shared interests of both nations and highlighted the significant strides made since the 2010s, noting that the strategic partnership aims to bolster regional stability and mutual interests. This growing collaboration reflects India's commitment to strengthening ties with key partners in the Middle East, enhancing its geopolitical influence in the region.

Russia Tests Nuclear Missile Unit Amid NATO Exercises



19-Oct-24

Russia is testing a missile unit within its strategic nuclear forces in the Tver region, focusing on Yars missiles capable of striking US cities. This exercise comes in response to increased military activities by Western nations and Ukraine, highlighting a heightened state of alert in the region. The movement and protection of these missiles are crucial for Russia's deterrent strategy amid rising geopolitical tensions. In this context, India must continue to strengthen its own strategic capabilities and maintain a focus on regional stability and defense preparedness, ensuring it is well-equipped to counter any potential threats in an increasingly volatile global security environment.

Germany Enhances Security Ties with India, Reducing Russian Arms Dependence



19-Oct-24

Germany has announced a new policy, "Focus on India," aiming to enhance security, economic, and energy ties with India while reducing its dependence on Russian arms. This initiative includes plans for reciprocal logistical support agreements, joint military exercises, and stronger collaboration in defense procurement, highlighted by ThyssenKrupp's bid for India's P75 submarine project. Additionally, Germany seeks to bolster economic partnerships, particularly in renewable energy and green technologies, and has pledged support for a free trade agreement between India and the EU. This strategic shift underscores Germany's commitment to a robust and multifaceted partnership with India, aligning with India's defense modernization efforts.

G7 Defense Summit Addresses Global Tensions and Security Challenges



19-Oct-24

G7 defense ministers met in Naples to address rising global tensions, particularly the conflicts in the Middle East and the ongoing war in Ukraine. Key discussions included African security, the Asia-Pacific situation, and future NATO strategies, reflecting a concerted effort to tackle multifaceted security challenges. This summit underscores the urgency for cooperative defense approaches among allied nations, especially in light of Israel's actions in Gaza and Ukraine's proposed strategies. From an Indian perspective, the emphasis on regional stability and security collaboration aligns with India's own defense priorities, reinforcing its role in promoting peace and strategic partnerships across Asia and beyond.

North Korea Deploys Troops to Ukraine, Strengthening Russia Ties



19-Oct-24

North Korea has begun deploying thousands of soldiers to Ukraine's front lines, deepening its military alliance with Russia, as reported by Seoul's spy agency. Approximately 1,500 special forces soldiers are already in Russia acclimatizing, with additional troops set to follow. This marks North Korea's first

deployment of troops overseas, raising concerns about regional security dynamics. The situation highlights the increasing geopolitical tensions in the Korean Peninsula and the implications for neighboring countries, including India, which must remain vigilant about the evolving security landscape and its impact on regional stability and strategic partnerships in the face of such alliances.

North Korea Claims Recovery of South Korean Military Drone SHARE

19-Oct-24

North Korea has announced the recovery of a South Korean military drone that it claims was used to drop propaganda leaflets over Pyongyang, though South Korea has not verified the drone's origin. The North has issued a warning that any future intrusions will be viewed as military provocations, escalating already heightened tensions in the region. This incident highlights the ongoing psychological warfare between the two Koreas, with North Korea's prior actions of sending balloons into South Korean territory indicating a continued strategy of aggressive deterrence. The situation underscores the need for vigilance and strategic preparedness from South Korea, emphasizing the importance of robust defense capabilities in the face of provocative actions by the North.

Military Operations

51-mm Mortar Shell Neutralized Near J&K's International Border SHARE

19-Oct-24

A 51-mm mortar shell was discovered and safely neutralized in a controlled explosion near the International Border in Jammu and Kashmir's Kathua district. The rusted shell was found by a villager in Paharpur village, prompting a swift response from a bomb disposal squad. This incident highlights the ongoing risks posed by unexploded ordnance in border areas, reflecting the need for vigilant monitoring and quick action by local authorities. The successful destruction of the shell without any damage underscores the effectiveness of India's defense mechanisms in ensuring public safety and maintaining security along the sensitive border regions.

Terrorism and Counterterrorism

ED: PFI's Plot for Islamic Movement in India Exposed SHARE

19-Oct-24

The Enforcement Directorate (ED) alleges that the banned Popular Front of India (PFI) aimed to initiate an Islamic movement in India through jihad, including violent tactics disguised as non-violent protests. The agency has attached assets worth over Rs 35 crore linked to the PFI, which has been accused of inciting violence, training members in offensive maneuvers, and planning attacks to disrupt India's unity. The

PFI's operations reportedly extend internationally, with significant membership in Gulf countries, raising concerns about its funding for terrorism within India. The crackdown on the PFI underscores India's commitment to maintaining sovereignty and communal harmony against extremist threats.

Two JKGF Hybrid Terrorists Arrested with Grenades in Poonch SHARE

19-Oct-24

Two hybrid terrorists from the Jammu and Kashmir Ghaznavi Force (JKGF) were arrested in Poonch with grenades and a pistol, thwarting potential attacks in the region. Their capture has resolved multiple grenade attack cases targeting sensitive locations, including a temple, gurdwara, Army camp, and hospital. This operation underscores the commitment and effectiveness of Indian security forces in combating terrorism and dismantling terrorist networks in Jammu and Kashmir. The continued efforts of the security forces not only enhance public safety but also contribute to restoring peace and stability in the region, reflecting India's proactive stance against terrorism.

Drone strike targets Netanyahu's home amid escalating Gaza conflict SHARE

19-Oct-24

A drone targeted Israeli Prime Minister Netanyahu's residence but resulted in no casualties. In the backdrop, Iran's supreme leader has vowed to support Hamas following the death of a prominent leader, intensifying the ongoing conflict that has already led to heavy casualties in Gaza and northern Israel. The situation is further exacerbated by retaliatory strikes from Israel and military actions by Hezbollah. This escalation highlights the complexities of the regional security environment, suggesting that sustained diplomatic efforts are crucial to mitigate tensions and foster stability in the region.

Kuki militants assault police station in Manipur, no injuries reported. SHARE

19-Oct-24

Suspected Kuki militants launched an attack on the Bodobekra Police Station in Jiribam district, Manipur, using bombs; fortunately, there were no injuries reported. The Central Reserve Police Force (CRPF) and local police responded effectively, firing back at the assailants, who subsequently fled the scene. This incident highlights the ongoing security challenges in the region, necessitating a robust and coordinated response from law enforcement agencies. The prompt action by the CRPF and Manipur Police demonstrates India's commitment to maintaining law and order while addressing militant threats, showcasing the importance of a strong defense strategy in safeguarding civilian safety and regional stability.

Canadian Officer Tied to Khalistani Terrorism in India SHARE

19-Oct-24

The Indian government has accused a Canadian Border Police officer, Sandeep Singh Sidhu Sunny, of facilitating pro-Khalistani terrorist activities in Punjab, highlighting his connections with Pakistan-based terrorists and intelligence operatives. Sunny is

alleged to have been involved in significant terrorist acts, including the targeted killing of a key figure in 2020. This situation has escalated tensions between India and Canada, with India calling for immediate action against Sunny and greater cooperation from Canada in combating terrorism. The case underscores a concerning trend of anti-India elements finding refuge in Canada, posing security risks to India and necessitating robust international collaboration against terrorism.

Naxal IED blast in Chhattisgarh claims two ITBP personnel



19-Oct-24

Two ITBP personnel were tragically killed, and two policemen injured in an IED blast executed by Naxalites in Chhattisgarh's Narayanpur district during an anti-Naxal operation involving the ITBP, BSF, and District Reserve Guard. This incident underscores the persistent threat posed by Naxalite insurgents in the region, highlighting the need for continued vigilance and robust counter-insurgency strategies by Indian security forces. The sacrifice of the ITBP jawans reflects the dedication and bravery of personnel committed to maintaining peace and security in affected areas. Strengthening intelligence operations and community engagement will be crucial in combating such insurgencies and ensuring the safety of both security forces and civilians.

emphasizing that allegations of Indian diplomats' involvement in criminal activities lack evidence. Indian authorities have strongly denied such claims, asserting that Trudeau's government permits extremist threats against its diplomats. India has expelled six Canadian diplomats in response, marking a significant diplomatic escalation. This situation highlights the growing tensions between India and Canada over national security and counter-terrorism issues.

India Sends 11 Tonnes of Medical Aid to Lebanon, Advocates for UN Peacekeeper Safety



19-Oct-24

India has dispatched the first tranche of 11 tons of medical supplies to Lebanon as part of a 33-ton humanitarian aid effort amidst rising tensions in the region. This initiative underscores India's commitment to aid Lebanon during a crisis while highlighting its concern for the safety of United Nations peacekeepers amid escalating violence, particularly along the Blue Line separating Lebanon from Israel. The Ministry of External Affairs has called for actions to ensure the safety of UNIFIL personnel and the sanctity of their mandate. India's proactive stance in providing humanitarian assistance reinforces its role as a responsible global actor while advocating for peace and stability in conflict zones.

Indian Accused in Pannun Plot Asserts Innocence, Seeks Hindi Lawyer



19-Oct-24

Nikhil Gupta, accused of attempting to hire a hitman to attack Khalistani leader Gurpatwant Singh Pannun, asserted his innocence in a US court and requested a Hindi-speaking lawyer due to language barriers. The court proceedings included consistent not-guilty pleas and discussions about evidence access, as Gupta seeks a fair trial. His co-defendant, former RAW official Vishal Yadav, is not present in the US, complicating matters. This case underscores the importance of international cooperation in addressing threats from extremist elements and reflects India's commitment to tackling issues related to terrorism and organized crime abroad, highlighting the robust engagement between Indian and US legal authorities.

Nirmala Sitharaman Engages in India-Mexico Trade Summit



19-Oct-24

Finance Minister Nirmala Sitharaman participated in the India-Mexico Trade and Investment Summit in Mexico, highlighting collaborative opportunities in sectors such as IT, cloud computing, AI, and FinTech. She emphasized the thriving IT ecosystem in Guadalajara and proposed partnerships between academic institutions for tech-based vocational training. Sitharaman announced a collaboration between the University of Guadalajara and India's Ministry of AYUSH to establish an academic Chair of Ayurveda, promoting joint research. The discussions reinforced mutual interests in enhancing cooperation across multiple sectors, signaling a strategic partnership that can significantly benefit both countries' economies and cultural exchanges.

Cybersecurity and Information Warfare

India and Singapore Launch Inaugural Cyber Policy Dialogue



19-Oct-24

India and Singapore held their first Cyber Policy Dialogue, co-chaired by officials from both countries, focusing on the cyber threat landscape and national strategies. They discussed bilateral cooperation on cyber threat alerts, best practices, and capacity building, highlighting the importance of cyberspace in their ongoing digital partnership. This dialogue aligns with the broader goals outlined in the India-Singapore Joint Statement during the Prime Minister's visit in September 2024, signifying a proactive approach towards strengthening cyber defenses. Such collaboration is essential for both nations to enhance their resilience against cyber threats and share valuable insights in an increasingly interconnected digital world.

Miscellaneous

Trudeau Accused of Using Nijjar Case as a Political Distraction



19-Oct-24

Canadian opposition leader Maxime Bernier criticized Prime Minister Justin Trudeau for allegedly exploiting the Hardeep Singh Nijjar murder case to distract from other controversies, calling Nijjar a foreign terrorist who fraudulently obtained Canadian citizenship. Bernier suggested posthumously revoking Nijjar's citizenship to rectify past administrative errors,

German Envoy Praises Ladakh's Culture and Natural Beauty



19-Oct-24

German Envoy Philipp Ackermann praised Ladakh's unique cultural and environmental attributes during his visit, highlighting its rich heritage and stunning landscapes. He emphasized the impact of climate change on local farmers and the importance of engaging with local artists through initiatives like the "Sa Ladakh" art exhibition. Ackermann noted that fostering cultural exchange can raise awareness about climate challenges in the region, suggesting that art may play a vital role in addressing these issues. His visit underscores the growing international interest in Ladakh and the potential for collaborative efforts to promote tourism while protecting its cultural and environmental integrity.

Ananth Technologies Completes Historic Satellite Integration for ISRO



19-Oct-24

Ananth Technologies has successfully completed a satellite integration project for ISRO, marking a historic collaboration as it is the first project of its kind awarded to a private industry partner. The integration took place at their state-of-the-art facility in Bangalore, capable of manufacturing electronic subsystems and simultaneously integrating four large satellites. This achievement, facilitated by over 100 skilled engineers, underscores the growing role of private companies in India's space sector, reflecting a progressive shift towards enhancing indigenous capabilities and fostering innovation within the defense industry. Such initiatives not only strengthen India's technological prowess but also promote a robust public-private partnership essential for future advancements in space and defense.

NASA's C-130 to Deliver NISAR Satellite to HAL in India



19-Oct-24

NASA's C-130 cargo aircraft is transporting the NISAR satellite to Hindustan Aeronautics Limited (HAL) in Bangalore, marking a significant step in the collaborative mission between NASA and ISRO. This satellite, designed to monitor Earth's health, features advanced radar payloads capable of mapping forests, ice sheets, and groundwater levels with remarkable precision. Initially, NASA proposed a parasitic arrangement for using Indian launch vehicles, but ISRO insisted on a partnership approach. The mission, set for launch next year, exemplifies the strong cooperation between the U.S. and Indian space agencies, enhancing capabilities in environmental monitoring and fostering technological collaboration.

Labourer's Bullet-Riddled Body Found in Shopian, J&K



19-Oct-24

A bullet-riddled body of a Bihar-based labourer, Ashok Chauhan, was discovered in the Wachi area of Shopian, Jammu and Kashmir. Chauhan, residing in Anantnag, went missing after leaving his rented accommodation, prompting searches by colleagues. The incident highlights ongoing security challenges

in the region, particularly concerning the safety of non-local workers who contribute significantly to local economies. This tragic event underscores the need for heightened security measures and community engagement to protect vulnerable populations in conflict-affected areas, reinforcing the Indian government's commitment to restoring peace and stability in Jammu and Kashmir for all its residents.

ISRO Receives Two Satellites for Upcoming Space Docking Test



19-Oct-24

Ananth Technologies has delivered two 400 kg satellites to ISRO for a Space Docking Experiment scheduled for December, marking a significant step towards future projects like the Indian space station and Chandrayaan-4. The PSLV-C60 mission will utilize these satellites, with Ananth Technologies also constructing the PSLV rocket at its Thiruvananthapuram facility. This collaboration reflects the growing role of private sector companies in India's space endeavors, with ATL's commitment evident through its decades-long partnership with ISRO and contributions to satellite integration and manufacturing. Overall, this development underscores India's advancing capabilities in space technology and the importance of public-private partnerships in achieving ambitious space goals.

MALABAR 2024 Sea Phase Concludes with Enhanced Naval Cooperation



19-Oct-24

The Sea Phase of MALABAR 2024 concluded on 18 October 2024 in Visakhapatnam, showcasing advanced naval exercises involving multiple warships, helicopters, and maritime patrol aircraft. Key activities included surface weapon firings, anti-air and anti-submarine warfare exercises, and maritime interdiction operations, underscoring a strong commitment among participating nations to collaborate on maritime security amid rising global challenges. The event facilitated valuable interactions among navies, enabling the exchange of operational insights and best practices. This collaboration strengthens India's strategic maritime capabilities and enhances regional stability, reflecting its pivotal role in fostering international naval partnerships.

BSF Foils Illegal Entry: Three Bangladeshis Arrested in Tripura



19-Oct-24

The Border Security Force (BSF) apprehended three Bangladeshi nationals attempting to illegally enter India through Tripura over two days. Two were caught near the Rahimpur border outpost, while the third was arrested in a separate incident near Mohanpur. A tout facilitating their infiltration was also detained, highlighting BSF's intensified efforts to enhance border security and target smuggling networks. This proactive approach not only underscores India's commitment to safeguarding its borders but also reflects the effectiveness of joint operations with local police in curbing illegal activities and ensuring national security.

Will India Send Vikas Yadav to the U.S. Amid Legal Hurdles?



19-Oct-24

Vikas Yadav, arrested in India for allegedly plotting to assassinate Gurpatwant Singh Pannun, a leader of the pro-Khalistan group Sikhs for Justice, has sparked discussions on India's extradition policies. The U.S. has charged Yadav, but India's potential extradition faces legal complications, including

the political offense exception in their treaty. While extraditing Yadav could enhance U.S.-India relations, it risks backlash from nationalist factions within India, especially as Pannun remains active in the U.S. Despite this, India could use the situation to press for stronger U.S. action against Khalistani activities. Ultimately, the decision will hinge on a delicate balance of national interest, diplomacy, and domestic sentiment.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
MAZDOCK	4306.0	4655.0	4285.0	4526.35	8493150	6.81	57.78	4242.45	3313.96
BEML	3910.0	4140.0	3830.1	4039.05	1623662	3.32	62.94	3738.04	3743.93
SOLARINDS	11175.0	11455.1	10862.25	11421.8	44420	2.22	55.05	11337.83	9251.08
AZAD	1546.95	1590.0	1487.05	1581.1	153451	2.01	61.37	1481.42	1373.69
GRSE	1744.7	1829.0	1684.4	1764.65	3006209	1.14	51.4	1718.65	1404.61
PREMEXPLN	508.3	520.0	490.2	509.7	57884	1.13	41.0	522.31	482.04
BEL	282.9	287.8	277.8	287.15	10095514	0.91	50.87	284.45	254.08
NIBE	1699.75	1739.75	1675.0	1738.95	15863	0.76	39.34	1857.19	1578.64
ZENTEC	1887.0	1930.0	1809.1	1910.45	302509	0.67	63.29	1772.13	1198.11
MARINE	227.05	238.0	220.5	233.09	232936	0.59	48.53	229.81	158.9
CFE	575.2	592.0	572.35	592.0	15600	0.52	33.94	625.31	580.04
COCHINSHIP	1549.95	1583.05	1526.0	1564.05	1065843	0.26	35.42	1679.66	1554.22
BHARATFORG	1471.95	1485.0	1454.8	1474.75	888822	0.25	39.08	1508.85	1415.55
SIKA	2600.0	2620.0	2550.05	2615.0	1438	0.23	48.57	2634.92	2269.25
LT	3569.95	3592.45	3540.25	3577.8	2102609	0.21	48.67	3608.69	3577.3
HAL	4493.6	4559.0	4423.25	4524.7	1369365	0.13	51.55	4420.45	4121.09
DATAPATTNS	2448.0	2481.0	2372.0	2450.75	136538	0.12	45.17	2425.73	2637.17
APOLLO	98.75	99.65	96.81	98.88	644833	-0.18	39.65	102.31	111.21
KRISHNADEF	685.0	701.0	683.0	687.9	25500	-0.31	43.88	707.35	573.37
ADANIENT	2990.0	3031.7	2968.1	3002.0	796339	-0.39	41.54	3100.21	3111.75
HIGHENE	655.0	662.8	650.05	660.85	3079	-0.43	42.06	677.25	706.95
HBLPOWER	598.0	603.7	585.2	594.8	792143	-0.55	43.23	608.42	538.93
PARAS	1056.95	1061.95	1025.0	1050.05	65533	-0.57	39.58	1083.69	967.23
MIDHANI	370.0	374.7	364.2	369.7	292635	-0.6	37.33	383.86	430.89
AVANTEL	177.0	179.0	173.02	175.59	608766	-0.71	47.0	177.0	-
LOKESHMACH	385.05	389.8	380.1	383.65	48278	-0.89	48.12	383.29	390.66
ROSSELLIND	99.7	99.7	95.6	97.92	29265	-0.94	17.77	119.99	449.02
TANEJAERO	489.45	489.45	465.65	479.5	11520	-1.09	40.1	493.21	485.38
DCXINDIA	310.5	320.0	305.9	308.85	354062	-1.2	36.15	326.16	337.49
PTC	186.2	187.9	182.41	184.7	1853528	-1.5	30.95	200.04	209.33
IDEAFORGE	660.0	661.25	646.5	649.35	152660	-1.81	33.04	686.05	729.61
ASTRAMICRO	796.1	818.1	795.0	802.8	242626	-1.89	37.16	851.89	761.36
BDL	1149.95	1149.95	1114.25	1129.85	646505	-1.96	39.71	1153.85	1150.8
MTARTECH	1720.4	1757.5	1657.1	1681.4	701486	-2.85	39.64	1743.27	1879.48