



Defence Professionals News & Analysis

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Top Gainers

Stock	Close	Prev	Change
TEMBO	730.7	695.95	+4.99%
DCXINDIA	347.8	339.25	+2.52%
AZAD	1677.3	1641.5	+2.18%
ASTRAMICRO	784.95	770.55	+1.87%
HAL	4443.7	4400.6	+0.98%

Top Losers

Stock	Close	Prev	Change
LOKESHMACH	387.4	422.35	-8.28%
ROSSELLIND	87.52	95.32	-8.18%
DATAPATTNS	2182.25	2322.75	-6.05%
CFF	611.4	643.55	-5.0%
COCHINSHIP	1393.3	1447.95	-3.77%

Defense Business and Industry

DRDO to Test New 1,000 km Anti-Ship Ballistic Missile

📌 SHARE

11-Nov-24

India's Defence Research and Development Organisation (DRDO) is poised to test a new long-range anti-ship ballistic missile capable of striking moving warships and aircraft carriers at distances exceeding 1,000 kilometers. This advanced missile system, designed for the Indian Navy, enhances India's maritime security and operational reach, allowing for both shore-based and naval launches. With an emerging focus on bolstering its rocket capabilities in response to regional threats, particularly from China, India aims to establish a robust inventory of ballistic missiles, including the Long-Range Anti-Ship Missile (LR-AShM) with a range of 1,500 kilometers. This strategic development not only strengthens coastal and blue-water defenses but also positions India to effectively counter maritime threats and protect vital national interests, ensuring a significant deterrent against hostile naval actions in the Indian Ocean Region.

MDL Achieves Key Submarine Self-Reliance with Indigenized O-Rings

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11-Nov-24

Mazagon Dock Shipbuilders Limited (MDL) has achieved a significant milestone in India's defense capabilities by indigenizing the production of O-rings, crucial components for sealing applications in submarines. Previously reliant on imports from France's Naval Group, this transition not only enhances self-reliance but also reduces logistical challenges and costs associated with foreign procurement. Partnering with James Walker Inmarco Pvt Ltd, MDL has developed O-rings that meet stringent defense standards through rigorous testing and quality validation. This achievement underscores the growing capabilities of Indian defense manufacturers and sets a precedent for future advancements in defense technology, contributing to India's Aatmanirbhar Bharat initiative and the overall strengthening of national security.

India Advances Indigenous Silicon Carbide and GaN HEMT Technology

📌 SHARE

11-Nov-24

The Solid State Physics Laboratory, part of DRDO, has successfully developed indigenous processes for

producing 4-inch Silicon Carbide wafers and Gallium Nitride High Electron Mobility Transistors (HEMTs) for various defense and aerospace applications. This advancement in GaN/SiC technology is crucial for creating efficient, compact systems essential for future combat, including RADAR and electronic warfare systems, and supports initiatives like Aatmanirbhar Bharat by fostering self-reliance in semiconductor technology. Additionally, GaN on SiC based MMICs are now being produced at GAETEC, Hyderabad, marking a significant milestone in India's defense capabilities and enhancing its position in commercial sectors like 5G and renewable energy.

Indian Army Welcomes AARAV ENX6D Drone for Enhanced Surveillance

11-Nov-24

The Indian Army has inducted the advanced AARAV_ENX6D surveillance drone, developed by VTOL Aviation India Pvt. Ltd., enhancing its reconnaissance capabilities in challenging terrains. This indigenously designed UAV features a modular airframe for easy maintenance, a fully autonomous operation system, and an all-electric propulsion, promoting sustainability. With exceptional speed, stability, and VTOL capabilities, the drone exemplifies India's commitment to Atmanirbhar Bharat (Self-Reliant India) in defense. Its induction is a significant step towards reducing reliance on foreign technology, showcasing the growing competence of Indian defense manufacturers in producing world-class military equipment tailored for domestic needs.

Indian Navy's INS Chakra III Submarine to Arrive by 2028

11-Nov-24

The Indian Navy is set to receive the Akula-class nuclear attack submarine, INS Chakra III, from Russia by 2028, marking a three-year delay from the original timeline. This \$3 billion deal enhances India's underwater capabilities and is vital for maintaining a credible deterrence in the Indian Ocean Region, especially amid growing regional naval threats. The delay is attributed to challenges stemming from the Russia-Ukraine conflict, impacting defense production timelines. Despite this setback, INS Chakra III will incorporate upgraded systems, significantly bolstering the Indian Navy's operational capabilities, stealth, and reconnaissance missions, ultimately strengthening India's maritime security.

China Unveils Ambitious 6th-Gen Baidi B-Type Fighter Concept

11-Nov-24

China's Aviation Industry Corporation (AVIC) has revealed the Baidi B-Type, a conceptual 6th-generation fighter jet designed for both air-to-air and air-to-ground combat as part of its Nantianmen Project. The fighter features enhanced aerodynamics, an expanded internal weapons bay, advanced avionics for improved sensor fusion, and a user-centric cockpit design aimed at pilot comfort and efficiency. While the Baidi B-Type symbolizes China's ambition in aerospace, the development of such advanced platforms underlines the strategic competition in military aviation technology globally. As India continues to enhance its own indigenous capabilities, including projects like the AMCA, it is crucial to maintain a strong focus on innovation and technological superiority in defense.

BDL Collaborates with Russia on Pantsir Air Defense Systems

11-Nov-24

Bharat Dynamics Limited (BDL) has signed a memorandum of understanding with Russia's Rosoboronexport to collaborate on the Pantsir air defense missile-gun systems. This partnership aims to enhance India's military capabilities with the mobile, short-range air defense system that combines missile and gun features. The agreement reflects India's strategic approach to bolstering its defense infrastructure through international collaboration, thereby ensuring a diverse and robust air defense shield. Such cooperation is pivotal as it not only modernizes India's defense arsenal but also strengthens ties with key defense partners, allowing for greater operational readiness against potential aerial threats.

Brazil Pursues Akash-NG Air Defence System with Local Production

11-Nov-24

Brazil is in advanced talks with India to acquire the Akash-NG Air Defence system through a government-to-government agreement, which includes local manufacturing provisions. Developed by India's DRDO, BDL, and BEL, the Akash-NG significantly enhances India's air defence capabilities with an interception range of up to 60 kilometers, suitable for various aerial threats. This deal would not only strengthen Brazil's air defence but also enable it to develop domestic expertise and reduce dependence on foreign suppliers. The collaboration underscores an emerging trend of

defense cooperation in the Global South, benefiting both nations by expanding India's defense exports and providing Brazil with advanced technology.

China's Nuclear-Powered Aircraft Carrier Development Raises Concerns for India



11-Nov-24

Recent satellite imagery and Chinese government documents indicate that China is developing a land-based prototype nuclear reactor for a large surface warship, potentially paving the way for its first nuclear-powered aircraft carrier. This advancement could significantly enhance China's naval capabilities, positioning it to compete more effectively with established powers like the United States and France. Given India's strategic landscape, this development underscores the importance of bolstering the Indian Navy's capabilities through indigenous defense production and international collaborations. Strengthening India's naval power will be crucial in maintaining a balance in the Indo-Pacific region amidst China's growing military ambitions.

MoD Entrusts HAL Solely with Tejas MkII Production, Rejects Private Firms



11-Nov-24

The Ministry of Defence has decided to keep the production of the Tejas MkII fighter jets solely with Hindustan Aeronautics Limited (HAL), rejecting IAF's proposal to involve private firms due to cost efficiency and optimal use of existing facilities. HAL, which is already producing the Tejas Mk1A, is set to extend its production capabilities to include the MkII by transitioning one of its lines at the Nashik facility by 2029, ensuring no disruption in current orders. This strategic decision reinforces HAL's role and supports the IAF's needs for both current and advanced models, ensuring timely delivery and operational readiness without incurring extra costs.

IAF Evaluates C-295M to Modernize An-32 Fleet for High Altitude



11-Nov-24

The Indian Air Force (IAF) is evaluating the C-295M transport aircraft to replace its aging An-32 fleet, particularly focusing on modifications for high-altitude operations. Initial performance of the C-295M, powered by PW127G engines, will inform necessary upgrades, potentially including the more powerful PW150A engine to maintain operational capabilities in low-oxygen conditions. The IAF's assessments in rugged terrains

will lay the groundwork for future enhancements, emphasizing the need for structural adjustments to optimize high-altitude performance. This modernization effort reflects India's commitment to enhancing its tactical airlift capabilities, aligning with indigenous manufacturing goals and operational effectiveness.

India Equips Modified C295 for Enhanced Anti-Ship Operations



11-Nov-24

India is enhancing its maritime patrol capabilities by modifying the Airbus C-295 aircraft into Multi-Mission Maritime Aircraft (MMA) and Medium Range Maritime Reconnaissance (MRMR) variants, equipped with advanced weapon systems such as DRDO's NASM anti-ship missiles and the Advanced Light Torpedo. This initiative aligns with the Make in India strategy and aims to bolster the Indian Navy and Coast Guard's capabilities for anti-submarine warfare and surface threat deterrence. The C-295's versatility will complement existing platforms like the Boeing P-8I, addressing India's broad maritime interests and ensuring a robust surveillance and strike capability in the region, particularly against growing Chinese naval presence.

French Army Considers India's Pinaka, Eyes Longer-Range Pralay



11-Nov-24

The French Army is evaluating India's Pinaka rocket system as a potential replacement for its aging LRU M270 Multiple Launch Rocket System. While the Pinaka offers reliable medium-range capabilities with a maximum range of 90 kilometers, it falls short of the French Army's requirement for extended-range systems that can engage targets up to 500 kilometers. In this context, India's Pralay missile, with its range of 150 to 500 kilometers, could complement the Pinaka by providing the necessary long-range precision strike capabilities. The interest in both systems highlights India's advancing defense technologies and their growing appeal in international markets, reflecting India's strategic importance in global defense dynamics.

Private Firms Compete to Manufacture Key Components for Tejas Mk2 and AMCA Jets



11-Nov-24

India's Aeronautical Development Agency (ADA) has received significant interest from over a dozen private companies to manufacture key structural assemblies

for the Tejas Mk-2, TEDBF, and AMCA fighter aircraft programs, reflecting a strategic push to enhance indigenous capabilities and reduce foreign reliance. These companies, already involved in the Tejas Mk1A program, will not only produce structural components but also integrate subsystems, streamlining the assembly process. With anticipated orders exceeding 400 units, this initiative is crucial for establishing a robust domestic defense industry that aligns with the Indian Air Force's goals for operational readiness and self-reliance in defense manufacturing.

Khalistani terrorist Gurpatwant Singh Pannun, which India categorically denied as absurd and politically motivated, further straining ties amid recent attacks on Hindu places of worship in Canada.

EU Supplies Ukraine with Nearly 1 Million Artillery Shells



11-Nov-24

The European Union has supplied Ukraine with over 980,000 artillery shells, aiming to reach 1 million by year-end, with the Czech Republic contributing significantly to this effort. Ukraine is simultaneously enhancing its defense capabilities, with production of millions of mortar shells annually. This support underscores the EU's commitment to bolstering Ukraine's defense against ongoing threats, highlighting the strategic importance of such military aid in maintaining regional stability. As Ukraine ramps up its own defense production, this collaboration reflects a broader trend of nations reinforcing their military capabilities in response to evolving security challenges.

India and Sri Lanka Coast Guards Enhance Cooperation Against Maritime Crime



11-Nov-24

The Indian Coast Guard (ICG) and Sri Lanka Coast Guard (SLCG) held their 7th Annual High Level Meeting in Colombo on November 11, 2024, marking a significant step in their cooperative efforts to combat transnational maritime crime. Led by ICG Director General DG S Paramesh and SLCG Rear Admiral YR Serasinghe, the meeting addressed critical issues like drug trafficking, marine pollution, and the safety of mariners. The outcomes highlighted the importance of mutual cooperation in strengthening maritime safety and security, following the MoU established in May 2018. The next meeting is scheduled to be hosted by the ICG in 2025, further solidifying this partnership in the region.

Netanyahu acknowledges Israel's attacks on Hezbollah, amid security debates.



11-Nov-24

Israeli Prime Minister Benjamin Netanyahu has publicly acknowledged Israel's involvement in the recent pager and walkie-talkie attacks on Hezbollah, which resulted in numerous casualties, for the first time. This admission follows his contentious firing of Defence Minister Yoav Gallant, highlighting internal disagreements on security issues and response

Geopolitics and Security Alliances

India Unfazed by Trump's Possible Return, Says Jaishankar



11-Nov-24

External Affairs Minister S. Jaishankar emphasized that India is not among the nations apprehensive about the potential return of Donald Trump as US President, citing India's growing economic weight and strategic relationships. He highlighted India's transition towards a multipolar world and acknowledged the continuing significance of older industrialized economies. Jaishankar noted that Prime Minister Modi's established rapport with US presidents enhances India-US ties, underscoring the stability and importance of this bilateral relationship amid global shifts. Additionally, the Aditya Birla Group's scholarship program, celebrating 25 years, aims to cultivate future leaders, reflecting India's commitment to nurturing talent.

Canada's Politics with Khalistanis Deepens India Rift, Expert Says



11-Nov-24

Foreign affairs expert Raja Mohan highlighted the complex dynamics affecting India-Canada relations, particularly criticizing Canada's political engagement with Khalistani groups, which he argues exacerbates diplomatic tensions. Unlike Canada, the Biden administration in the US has not politicized these issues, a contrast that Mohan notes is significant given the electoral influence of extremist elements within the Sikh diaspora in Canada. He emphasized that Canada's unique integration of Indian immigrants, particularly Punjabis, into local politics has led to heightened friction, suggesting that Canada could learn from Australia's more discreet handling of similar challenges. The diplomatic rift deepened following allegations from Canada regarding India's involvement in the killing of

strategies against threats like Hamas. Netanyahu's remarks seem aimed at bolstering his popularity amidst criticism over security lapses leading up to the October 7 Hamas assault. This situation underscores the complexities of Israeli politics, particularly regarding national security and military operations against perceived threats from Hezbollah and Hamas.

Russia Open to Trump's Peace Proposals for Ukraine Conflict

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11-Nov-24

Russia has expressed openness to President-elect Donald Trump's proposals for resolving the Ukraine conflict, with Deputy Foreign Minister Sergei Ryabkov emphasizing the need for constructive ideas rather than increased military aid to Ukraine. Ukrainian Foreign Minister Andrii Sybiha indicated readiness for cooperation with the incoming Trump administration, while EU foreign policy chief Josep Borrell reiterated unwavering European support for Ukraine amidst ongoing Russian aerial assaults. Despite the backdrop of intensified Russian drone attacks, including casualties in Odesa, doubts linger regarding U.S. support under Trump, given his previous criticisms of military aid to Ukraine and favorable remarks about President Putin, complicating the prospect for a unified approach to peace.

Increased Security at Canada High Commission After Sikh Protest

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11-Nov-24

Security was heightened outside the Canada High Commission in Delhi following a protest by the Hindu-Sikh Global Forum against violence at a Hindu temple in Brampton, Canada, where Sikh protesters clashed with attendees. Over 1,200 Sikhs participated, emphasizing their community's longstanding contributions and denouncing divisive allegations. The Forum submitted a memorandum to the Canadian Embassy, urging immediate action against those responsible for the attack. This incident highlights ongoing tensions related to the Khalistani movement and reflects broader concerns about communal harmony, with both the Indian government and Canadian Prime Minister Justin Trudeau condemning the violence, thereby reinforcing the necessity for cooperation in maintaining peace among diverse communities.

Jaishankar and Polish FM discuss Ukraine, Indo-Pacific, ties

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11-Nov-24

External Affairs Minister S. Jaishankar engaged in productive discussions with Polish Foreign Minister Radoslaw Sikorski, focusing on the Ukraine conflict, the Indo-Pacific region, and enhancing bilateral cooperation. This dialogue took place during Prime Minister Modi's historic visit to Poland, marking the first visit by an Indian Prime Minister to the country in 45 years, which Jaishankar believes will invigorate bilateral ties. The talks underline India's commitment to fostering international partnerships while addressing significant global challenges, reflecting a strategic approach that aims to strengthen India's role on the global stage amidst evolving geopolitical dynamics.

Iran Demands Israel's UN Expulsion After Damascus Airstrike

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11-Nov-24

Iran has condemned an Israeli airstrike on a residential building in Damascus, which resulted in the deaths of nine individuals, including a Hezbollah commander. In response, the Iranian Foreign Ministry has called for an arms embargo against Israel and its expulsion from the United Nations, reflecting heightened regional tensions exacerbated by the ongoing Gaza conflict. This escalation underscores the complexity of Middle Eastern geopolitics, where Iranian leadership seeks to leverage such incidents to rally support against Israel and assert its influence in the region. The situation could have implications for India's defense strategies, considering its relationships with both Iran and Israel amidst regional instability.

India Confident Amid Global Unease Post-U.S. Election

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11-Nov-24

External Affairs Minister S. Jaishankar indicated that regardless of the U.S. presidential election outcome, India's relationship with the United States will strengthen, reflecting shared interests in a collaborative international order. He emphasized the importance of viewing U.S. foreign policy in a broader national context, acknowledging a trend towards caution in U.S. commitments since Obama's administration. Jaishankar also highlighted potential opportunities for India in supply chain reordering and economic integration, suggesting that disruptions could enhance India's manufacturing capabilities and global standing. This perspective reinforces India's adaptability and

strategic positioning in an evolving geopolitical landscape.

Trump and Putin Discuss Stalemate in Ukraine War Resolution SHARE

11-Nov-24

Trump's recent phone call with Putin focused on seeking a resolution to the ongoing Ukraine war, which has lasted nearly three years. Although he previously claimed he could resolve the conflict "within a day," no specific solutions were proposed during this discussion. The Kremlin acknowledged Trump's interest in dialogue but reiterated that Russia's demands—specifically Ukraine renouncing NATO aspirations and withdrawing troops from contested territories—remain unchanged and are firmly rejected by Ukraine. This conversation highlights the complexities of international diplomacy regarding Ukraine and the challenges in finding common ground amid entrenched positions.

Military Operations

India Announces Missile Test in Bay of Bengal: NOTAM Issued SHARE

11-Nov-24

India has announced a missile test in the Bay of Bengal, with a Notice to Airmen (NOTAM) issued for November 15 to 17, 2024, covering a test area of 1,700 kilometers. This indicates a significant long-range ballistic missile test likely involving systems such as the Agni Prime or submarine-launched ballistic missiles (SLBMs), reflecting India's advancements in missile technology. The testing is crucial for evaluating missile range, accuracy, and reliability, reinforcing India's commitment to maintaining a credible deterrent. The Bay of Bengal's vast expanse offers a secure environment for such evaluations, while the issuance of a NOTAM ensures the safety of regional air and sea traffic, highlighting India's focus on self-reliance in defense capabilities through indigenous missile development led by the Defense Research and Development Organisation (DRDO) and other entities.

CRPF Strikes Back: 11 Kuki Militants Killed in Jiribam Encounter SHARE

11-Nov-24

In an intense encounter in Jiribam district, Manipur, CRPF forces engaged Kuki militants who had attacked their camp, resulting in the deaths of 11 militants linked

to the insurgent group. The confrontation escalated after militants targeted the Borobekra Police Station in Assam, prompting a robust retaliatory strike from the CRPF. This operation underscores the ongoing challenges faced by security forces in maintaining stability in the region, highlighting their commitment to counter-insurgency efforts despite the loss of a brave CRPF jawan. The incident reflects the critical need for continued vigilance and effective strategies in addressing insurgency and ensuring the safety of civilians and security personnel alike.

Army JCO, militant killed in J&K ops; 3 soldiers injured in action. SHARE

11-Nov-24

Three ongoing military operations in Jammu and Kashmir have resulted in the death of an Army JCO and a militant in Kishtwar, with additional militant casualties reported in Sopore. Intelligence-driven efforts aim to counter infiltrations in the region, highlighting the Indian Army's commitment to maintaining security. While three soldiers sustained injuries, these operations emphasize a proactive strategy to neutralize threats and restore peace. The recent actions showcase the Indian defense forces' determination to confront militancy effectively while ensuring the safety of the local populace and reinforcing the effectiveness of intelligence-led operations in challenging terrains.

INS Vela Submarine Arrives in Sri Lanka to Enhance Ties and Capabilities SHARE

11-Nov-24

The Indian submarine INS Vela has arrived in Sri Lanka for an Operational Turnaround (OTR), allowing it to replenish supplies and bolster bilateral relations between India and Sri Lanka. Commissioned in November 2021, INS Vela features advanced stealth technology and the SUBTICS combat system, enabling it to conduct anti-surface and anti-submarine warfare, as well as intelligence operations. The visit includes a tour for Sri Lankan Navy personnel to learn about the submarine's capabilities while fostering cooperation. This strategic engagement underscores India's commitment to regional security and enhances interoperability with Sri Lanka amidst evolving maritime challenges.

Terrorism and Counterterrorism

Jammu Faces Surge in Terror Attacks; 44 Lives Lost in 2024 SHARE

11-Nov-24

In 2024, Jammu experienced a significant uptick in terror attacks, resulting in 44 fatalities, including 18 security personnel. While Rajouri and Poonch districts reported fewer incidents, other areas faced heightened violence, prompting security forces to ramp up operations through increased patrols and community outreach initiatives. This strategic response underscores the commitment of Indian forces to maintain security and stability in the region, demonstrating resilience against terrorism. The proactive measures reflect a comprehensive approach to countering the evolving threat landscape, reinforcing the importance of collaboration between security personnel and local communities in ensuring safety.

Joint Anti-Terror Operation Underway in Zabarwan Forests SHARE

11-Nov-24

A joint anti-terror operation is currently underway in the Zabarwan forest area of Srinagar, involving J&K Police and security forces aimed at neutralizing terrorists. The operation has led to an ongoing gunfight, with heightened security measures in place to ensure the safety of civilians and operational effectiveness. This proactive approach by Indian security forces highlights their commitment to maintaining peace and addressing terrorism in the region, showcasing their capability to respond effectively to threats. Such operations not only aim to neutralize immediate threats but also serve to reinforce the security apparatus in Jammu and Kashmir, thereby fostering a sense of safety among the local population.

Militant Attack Near Pakistan Claims Lives of 5 Iranian Forces SHARE

11-Nov-24

Recent violence in Iran's Sistan and Baluchistan province has escalated, with a militant attack near the Pakistani border resulting in the deaths of five Iranian paramilitary forces in Saravan city. This incident adds to a troubling pattern of violence in the region, which has a history of clashes involving militant groups like Jaish al-Adl and armed drug traffickers, particularly impacting the ethnic Baluch minority's relationship with Iran's Shiite government. While no group has claimed

responsibility for this latest attack, the province has experienced a series of deadly encounters, including a previous incident last month where armed assailants killed four individuals, including a Revolutionary Guard commander. The ongoing instability in Sistan and Baluchistan highlights the broader challenges faced by Iran in managing ethnic tensions and security concerns, particularly given the area's underdevelopment and the influence of external factors from neighboring Afghanistan and Pakistan. This situation reflects not only the complexities of domestic governance in Iran but also the potential implications for regional security, particularly as India seeks to maintain its strategic interests and strengthen defense collaborations in the surrounding areas.

Security forces launch operations in Kishtwar to combat terrorism. SHARE

11-Nov-24

Security forces in Jammu and Kashmir's Kishtwar district are engaged in ongoing operations to locate terrorists following a recent gunfight that resulted in the death of an Army officer and injuries to three soldiers. The operation was initiated after the abduction and murder of two Village Defence Guards, with authorities now attempting to track down three to four terrorists believed to be involved. This robust response underscores the Indian military's commitment to counter-terrorism efforts in challenging terrains, reflecting a strategic focus on maintaining security and stability in the region amid ongoing threats. The operations aim to restore law and order and protect local communities from terrorist activities.

Quetta Train Services Halted After Suicide Bombing Kills 26 SHARE

11-Nov-24

A deadly suicide bombing at Quetta Station in Pakistan, claimed by the Balochistan Liberation Army, resulted in the tragic deaths of 26 people, predominantly soldiers returning from training. The attack targeted security personnel amidst a crowd of passengers, leading to chaos and a rush of casualties to hospitals. Pakistan's leadership, including Prime Minister Shehbaz Sharif, condemned the attack and pledged a thorough investigation, asserting that terrorists would face severe consequences for their actions. This incident underscores the ongoing security challenges facing Pakistan, particularly in Balochistan, and the persistent threat of terrorism as a destabilizing force in the region.

Miscellaneous

INSV Tarini Completes 39-Day Voyage, Strengthening India-Australia

Ties  SHARE

11-Nov-24

The Indian Naval Sailing Vessel (INSV) Tarini has successfully arrived in Fremantle, Australia, after a challenging 39-day voyage as part of the Navika Sagar Parikrama II expedition, which was flagged off on October 2, 2024. This significant journey, covering 4900 nautical miles, highlights India's commitment to global maritime cooperation, sustainability, and gender equality, featuring an all-woman crew led by Lt Cdr Dilna K and Lt Cdr Roopa A. The arrival was celebrated with a warm reception from Indian and Australian dignitaries, underscoring the strengthening ties between the two nations. This expedition serves as an ambassador of India's rich maritime heritage and reflects the Navy's resilience, emphasizing its ongoing efforts to engage in sustainable global practices and promote maritime security, furthered by recent naval maneuvers like the AUSTRALIND Exercise.

Brampton Police Arrest SFJ Coordinator Amid Temple Violence

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11-Nov-24

A 35-year-old Brampton resident, Inderjeet Gosal, has been arrested and charged with assault with a weapon following a violent demonstration at the Hindu Sabha Mandir in Brampton, Canada, which took place on November 3. The protest, marking the 40th anniversary of the 1984 Sikh riots, involved demonstrators supporting Khalistan, leading to clashes with temple-goers and physical confrontations where participants used flags and sticks as weapons. The Peel Regional Police have initiated a broader investigation, resulting in the arrest of at least four other individuals, including an off-duty police officer, and are reviewing extensive video footage to identify more suspects. This incident highlights the ongoing tensions surrounding the Khalistani movement abroad, particularly in countries like Canada, where separatist sentiments can lead to violence, raising concerns about the safety of Indian communities and the potential for such incidents to impact diplomatic relations between India and Canada. The arrest of a coordinator from the US-based Sikhs for Justice, which is banned in India, further underscores the complexities of transnational separatist activism

and the challenges faced by authorities in maintaining public order during such demonstrations.

ISRO Chairman Dr. Somanath Advocates for Indigenous Jet Engines

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11-Nov-24

On November 6, 2024, Dr. S. Somanath, Chairman of ISRO, highlighted India's achievements in space technology, contrasting them with the country's ongoing reliance on imported engines for defense aircraft like the Light Combat Aircraft (LCA) Tejas. His remarks reignited discussions on the potential for ISRO to leverage its expertise in developing indigenous rocket engines to address the critical gap in jet engine technology, a field where India has historically relied on foreign imports, specifically the American General Electric F404 and F414 engines for the Tejas. While acknowledging the challenges in developing high-performance jet engines capable of supersonic flight, Dr. Somanath pointed out ISRO's significant accomplishments in propulsion technology, including the successful development of cryogenic engines utilized in major missions such as Mangalyaan and Chandrayaan, thereby positioning India as a leader in space exploration. Moreover, he discussed the Next-Generation Launch Vehicle (NGLV), or Soorya, which aims to propel ISRO into an elite group of space organizations with advanced heavy-lift capabilities, showcasing its profound capabilities in designing and manufacturing complex propulsion systems. Dr. Somanath's comments, while not an official call to action, underscore the pressing need for India to enhance its self-reliance in defense technology. The potential collaboration between ISRO and defense organizations could accelerate the development of indigenous jet engines, leveraging ISRO's advanced materials expertise, combustion processes, and control systems to address the technological hurdles faced in producing engines that meet military standards. Overall, Dr. Somanath's insights advocate for a strategic shift to harness ISRO's technical prowess in bridging the gap in India's defense capabilities, ultimately fostering a more self-sufficient and robust national defense infrastructure.

Drug Smuggler Dies After Five-Hour Standoff with BSF

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11-Nov-24

A notorious drug smuggler, Babai Barai, died after spending five hours in the Ichhamati River along the Indo-Bangladesh Border while trying to evade the Border Security Force (BSF). The BSF personnel

provided immediate assistance, including blankets and hot tea, before rushing him to the hospital. DIG N K Pandey highlighted Barai's criminal history and the BSF's professionalism in handling the situation, despite being attacked during the operation. This incident underscores the ongoing challenges of cross-border smuggling and the BSF's commitment to safeguarding India's borders while adhering to humanitarian protocols even in the face of aggression.

Two US Nationals Arrested in Bihar for Attempting Illegal Nepal Entry



11-Nov-24

Two US nationals were arrested in Bihar's Madhubani district for attempting to illegally enter Nepal without valid travel documents. Intercepted by the Sashastra Seema Bal (SSB) near the Betaunha border outpost, the couple, including a woman originally from Nepal, had local accomplices who provided logistical support. The authorities registered a case against the couple and the locals involved. This incident highlights the vigilant monitoring by Indian security forces along the India-Nepal border, underscoring India's commitment to border security and the importance of adhering to immigration laws. Further investigations are ongoing to assess the broader implications of this attempted border crossing.

IAF Heritage Flight Welcomes India's First Primary Trainer, HT-2



11-Nov-24

The Indian Air Force (IAF) is set to enhance its Heritage Flight, a unit dedicated to preserving and showcasing its aviation history, with the upcoming induction of two significant aircraft: the Supermarine Spitfire and the Hindustan Trainer 2 (HT-2). Established in 1988 and renamed in 2020, the Heritage Flight currently operates three notable aircraft—a Douglas C-47 Dakota, a de Havilland DH.82 Tiger Moth, and a North American Harvard—all of which have played pivotal roles in IAF operations and training. The HT-2 is particularly significant as it represents India's self-reliance in aviation, being the first primary training aircraft designed and produced domestically, while the Spitfire symbolizes a key era in air combat after India's independence. These aircraft will participate in various air shows and commemorative events, allowing the public to connect with the IAF's storied past and honoring the contributions of pilots and engineers who have shaped Indian aviation. The Heritage Flight serves as a bridge between generations, ensuring that the valor, innovation, and commitment of those who served

are preserved, thereby reinforcing the IAF's legacy and its ongoing commitment to honoring the history of India's military aviation. The addition of the Spitfire and HT-2 not only enriches the Heritage Flight's collection but also underscores the IAF's dedication to connecting modern India with its rich aviation roots, fostering a greater appreciation of the nation's defense heritage.

Canadian Journalist Calls Canada's Khalistan Stance a National Disgrace



11-Nov-24

Canadian journalist Terry Milewski criticized Canada's "hypocritical" handling of the Khalistan separatism issue, labeling it a "national disgrace." He condemned the recent attack on the Hindu Sabha Temple in Brampton, attributing it to the failure of Canadian politicians to adequately address the rise of Khalistani extremism over the past 40 years. Milewski also discussed the implications of the upcoming U.S. presidential election on India-Canada relations, highlighting Indian Prime Minister Narendra Modi's positive rapport with Donald Trump. As tensions between Canada and India escalate, particularly following allegations of India's involvement in the killing of Khalistani terrorist Gurbhag Singh Pannun—claims vehemently denied by New Delhi—the criticism underscores the need for Canada to reassess its approach to the Khalistan issue to prevent further diplomatic fallout.

Russian Deputy PM Manturov's Visit to Boost India-Russia Economic Ties



11-Nov-24

Russian First Deputy PM Denis Manturov is set to visit India for significant discussions on economic cooperation, participating in the Russian-Indian Business Forum in Mumbai on November 11, which will emphasize industrial collaboration, transport, logistics, and digital technologies. Following this, on November 12, he will co-chair the 25th Session of the Intergovernmental Russian-Indian Commission on Trade, Economic, Scientific, Technical, and Cultural Cooperation with India's External Affairs Minister S. Jaishankar in New Delhi. These meetings aim to strengthen bilateral ties by addressing payment mechanisms, trade settlements in national currencies, and exploring joint ventures, such as the construction of Vande Bharat trains by Russia's Transmashholding. This visit underscores the commitment of both nations

to enhance their economic partnership and leverage each other's strengths for mutual benefit.

Axiom Space Partners with ISRO for Next-Gen Private Space Station SHARE

11-Nov-24

Axiom Space is advancing plans for a private space station, engaging with the Indian Space Research Organisation (ISRO) and local launch companies like Skyroot and Agnikul for potential collaborations as the

ISS nears retirement in 2031. With a NASA contract for a habitable module slated for a 2026 launch, Axiom aims to establish an independent orbital outpost. This initiative benefits from India's supportive environment for private space ventures and a recent US-India Space Flight Agreement, enhancing international cooperation in space exploration. Such partnerships not only diversify Axiom's supply chain but also bolster India's position in the global space industry.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
TEMBO	725.0	730.7	709.9	730.7	165874	4.99	88.04	543.72	309.78
DCXINDIA	356.2	356.2	341.7	347.8	1528020	2.52	59.81	322.48	334.69
AZAD	1640.0	1699.0	1603.2	1677.3	249678	2.18	67.4	1527.7	1441.62
ASTRAMICRO	770.5	799.85	760.55	784.95	195026	1.87	47.12	779.46	775.45
HAL	4383.95	4489.9	4347.2	4443.7	1152838	0.98	54.65	4351.02	4227.72
BEL	297.5	303.8	294.4	299.75	20155408	0.67	60.75	284.93	261.95
SOLARINDS	10205.35	10350.0	10075.4	10203.35	48098	0.53	41.39	10591.04	9531.41
IDEAFORGE	614.75	626.95	605.15	624.05	185493	0.41	48.99	615.27	714.14
PTC	180.54	181.98	178.05	179.67	789491	-0.48	42.27	181.26	207.8
HIGHENE	629.35	629.35	601.1	613.0	3639	-0.65	42.16	629.35	709.26
KRISHNADEF	0.0	700.0	698.8	698.8	7000	-0.77	51.75	683.93	591.31
BDL	1044.1	1062.9	1027.35	1041.95	316962	-0.8	40.17	1085.48	1167.07
LT	3646.0	3661.0	3606.0	3628.85	926127	-0.86	56.18	3533.18	3576.33
ADANIENT	2928.0	2946.8	2888.0	2903.65	584144	-0.87	45.75	2925.12	3102.94
MTARTECH	1605.0	1629.45	1594.95	1603.1	64249	-0.94	42.95	1635.38	1834.08
PARAS	1025.15	1037.25	1005.0	1010.9	63420	-1.39	44.93	1020.71	986.99
APOLLO	99.45	99.79	97.75	98.27	933154	-1.39	45.02	99.41	109.17
MARINE	230.0	233.88	224.0	226.36	201114	-1.47	51.14	219.37	168.33
BHARATFORG	1414.1	1420.05	1380.2	1397.5	692395	-1.59	39.63	1430.1	1429.23
MAZDOCK	4130.0	4183.0	4080.1	4089.65	961213	-1.79	45.55	4204.51	3463.28
GRSE	1518.05	1529.0	1487.5	1496.15	275218	-1.97	38.05	1616.09	1460.45
MIDHANI	332.75	332.75	324.55	325.6	211220	-2.19	36.05	342.59	424.34
BEML	4185.0	4249.0	4060.1	4094.5	504419	-2.32	56.52	3966.91	3817.06
ZENTEC	1825.4	1862.95	1725.0	1778.4	262475	-2.5	46.8	1836.22	1281.92
TANEJAERO	419.85	419.85	400.0	408.85	14563	-2.67	30.79	437.1	490.57
SIKA	2554.65	2554.65	2451.0	2480.0	1681	-2.92	42.75	2548.82	2347.27
NIBE	1875.0	1875.0	1785.0	1792.3	13071	-3.0	49.84	1739.81	1656.57
HBLPOWER	550.0	553.45	527.45	539.1	1122824	-3.25	38.8	565.51	546.71
AVANTEL	169.0	169.0	162.37	162.9	944757	-3.64	37.74	171.38	-
PREMEXPLN	479.9	479.9	455.15	457.7	69062	-3.71	43.13	470.9	493.79
COCHINSHIP	1408.1	1430.8	1378.5	1393.3	382705	-3.77	35.6	1486.01	1610.56
CFF	645.0	645.0	611.4	611.4	24400	-5.0	46.99	603.34	592.54
DATAPATTNS	2150.0	2254.75	2150.0	2182.25	554522	-6.05	37.97	2350.76	2668.29
ROSSELLIND	0.0	89.31	87.52	87.52	11362	-8.18	26.25	91.64	426.74
LOKESHMACH	410.0	417.0	385.0	387.4	189530	-8.28	54.93	365.59	389.99