

Top Gainers

Stock	Close	Prev	Change

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	84.04	95.32	-11.83%
LOKESHMACH	349.9	388.5	-9.94%
HBLPOWER	518.6	556.85	-6.87%
AVANTEL	146.42	155.71	-5.97%
ASTRAMICRO	737.65	782.3	-5.71%

Defense Business and Industry

MoD Secretary Praises HAL's Progress, Urges Innovative Growth



13-Nov-24

Sanjeev Kumar, Secretary (DP) of the MoD, visited HAL's Bengaluru facilities, where he reviewed various projects, including the LCA Tejas and helicopter divisions, and engaged with HAL's young officers. He acknowledged HAL's achievement of Maharatna status and emphasized the need for innovation to meet government and customer expectations. Kumar's visit underscores the Indian government's commitment to enhancing domestic aerospace capabilities and fostering a culture of innovation within the defense sector. This proactive approach aligns with India's strategic objectives of self-reliance in defense manufacturing and strengthens HAL's role in supporting the Indian Armed Forces.

India Achieves Milestone with Successful Long Range Cruise Missile Test



13-Nov-24

India has successfully conducted the maiden flight test of the Long Range Land Attack Cruise Missile (LRLACM) from the integrated test range off the coast of Odisha, with all subsystems performing as expected. Developed by the DRDO and supported by Indian industries, this missile showcases advanced capabilities, including waypoint navigation and versatile launch options from mobile ground units and naval vessels. Defence Minister Rajnath Singh praised the collaboration between DRDO and the industry, emphasizing its significance for future indigenous

missile development. This successful test reinforces India's commitment to enhancing its defense capabilities and self-reliance in missile technology.

Indian Army's Project Akashteer Enhances Air Defense



13-Nov-24

The phased induction of Project Akashteer, aimed at enhancing the Indian Army's air defense capabilities, is underway, with 107 out of 455 required control and reporting systems delivered, and 105 more expected by March 2025. This initiative, developed by Bharat Electronics Limited under the Atmanirbhar Bharat initiative, focuses on automating air defense processes, ensuring effective situational awareness and engagement in contested airspace. Key features include sensor fusion, automated operations, and advanced real-time air picture capabilities, reflecting India's commitment to innovate and bolster its military readiness in the face of evolving security challenges, particularly as the Year of Technology Infusion approaches in 2024.

China Launches J-20S: The First Dual-Seat Stealth Fighter



13-Nov-24

China has officially unveiled the J-20S, the world's first two-seat stealth fighter, enhancing operational capabilities with a dual cockpit design that improves situational awareness and combat effectiveness. This advanced fighter incorporates stealth features to reduce radar cross-section and is designed for multi-role missions, including air superiority and precision strikes. The J-20S can carry long-range munitions and is positioned to enhance the People's Liberation Army Air Force's ability to conduct complex operations, especially in coordination with unmanned aerial

vehicles. This development underscores China's commitment to advancing its air force capabilities, raising strategic concerns for regional adversaries, including India.

XTerra Robotics Unveils Innovative Autonomous Legged Robots



13-Nov-24

XTerra Robotics has developed advanced autonomous legged robots, the SVAN M1 and SVAN M2, designed for diverse applications in construction, oil and gas, and security. These robots are built for mobility and agility, emphasizing human-robot collaboration, with capabilities to navigate various terrains. The incorporation of deep-tech innovation and AI allows these robots to adapt and learn from their environment, potentially revolutionizing industrial automation, healthcare, exploration, and disaster response. The emergence of such indigenous technology not only enhances operational efficiency but also strengthens India's position in the global defense and technology landscape, showcasing its commitment to advancing robotics in critical applications.

Indian Armed Forces Enhance Border Security with Indigenous EW Systems



13-Nov-24

The Indian Armed Forces are set to enhance border security through the development of indigenous Electronic Warfare (EW) systems, including the 3,000-crore Himshakti system designed for mountainous terrains. This initiative aligns with India's Atmanirbhar Bharat strategy to reduce reliance on foreign imports, supported by a 1 lakh crore allocation for domestic procurement in 2023-24. The new systems will improve interception and jamming capabilities, bolstering the military's situational awareness, especially against regional threats. Additionally, the integration of advanced MQ-9B drones and the Shakti system for the Navy further underscores India's commitment to modernization and self-reliance in defense technology, positioning India as a growing player in the global defense market.

India's Army to test indigenous light battle tank for high-altitude warfare in 2025.



13-Nov-24

India's Army is set to test an indigenously designed light battle tank in 2025, specifically engineered for high-altitude warfare, a critical capability given the country's

diverse terrain. The initiative also involves collaboration with industry partners, with two companies competing to develop a futuristic prototype. This project is a significant step in enhancing India's armored capabilities, particularly in challenging environments. By fostering local innovation and development, India aims to strengthen its defense sector while reducing reliance on foreign technology, aligning with its broader strategic objective of self-reliance in defense.

INS Chakra III Submarine Delivery Delayed to 2028 Amid Conflict



13-Nov-24

The delivery of the Akula-class INS Chakra III submarine for the Indian Navy has been delayed by three years, now expected by 2028 instead of 2025, due to challenges posed by the ongoing Russia-Ukraine conflict impacting Russia's defense production. This nuclear-powered attack submarine is crucial for bolstering India's underwater capabilities and maritime security in the Indian Ocean Region, enhancing its operational stealth and firepower. The delay, attributed to modernization requirements and resource strains, may pose challenges, yet the eventual induction of INS Chakra III will strengthen India's strategic deterrence and operational readiness against emerging naval threats in the region.

XeraRobotics Launches ROMAR: Advanced Marine Robot for Inspections



13-Nov-24

XeraRobotics has launched ROMAR, a sophisticated remotely operated marine robot designed for underwater inspections and research, showcasing India's advancements in marine robotics. Key features include a modular design for task adaptability, a Position Hold capability for precise operations, an obstacle avoidance system for safe navigation, and 360-degree rotation for comprehensive inspections. This innovation is pivotal for sectors such as offshore energy and defense, reflecting India's growing expertise in autonomous technology. The development of ROMAR not only enhances operational efficiency in challenging underwater environments but also positions India as a significant player in the global marine robotics arena, meeting critical inspection and maintenance needs.

France Launches Next-Gen Carrier, Supports India's Naval Goals



13-Nov-24

France recently unveiled its next-generation aircraft carrier at Euronaval 2024, highlighting advancements such as three electromagnetic catapults to boost operational capabilities, and expressed interest in collaborating with India on similar technologies. This aligns with India's strategic goals of enhancing its naval strength through indigenous projects, such as the expansion of its Vikrant-class carriers. While France's partnership offers valuable expertise in nuclear propulsion and advanced systems, India remains focused on self-reliance and plans to develop a larger, potentially nuclear-powered carrier. The growing defense ties between France and India reflect a shared commitment to enhancing maritime power and address evolving security challenges in the Indo-Pacific region.

LCH Set for Enhanced Firepower with New 70mm and 80mm Rockets



13-Nov-24

A collaborative effort involving TridenTech, IIT Madras, Bharat Electronics Limited, RAL, and BILVA Technologies has led to successful tests of an 80mm Multi-Mode rocket, enhancing the armament capabilities of India's Light Combat Helicopter (LCH). This new rocket, which follows the existing 70mm system, boasts increased warhead size, explosive power, and improved accuracy, allowing for effective engagement of armored targets and fortified positions. The integration of the 80mm rocket will provide greater operational flexibility for the Indian Armed Forces, ensuring a superior aerial weapon system capable of addressing diverse mission requirements in modern warfare. This advancement underscores India's commitment to bolstering its defense capabilities through indigenous development.

HAL Revives Nashik Plant for 12 Su-30MKIs, Proposes 72 More



13-Nov-24

Hindustan Aeronautics Limited (HAL) is reviving its Nashik plant to manufacture 12 Sukhoi Su-30MKI fighters, valued at \$1.3 billion, to replace losses in the Indian Air Force (IAF). Additionally, HAL is proposing 72 more fighters, which, along with an advanced Super-30 upgrade package, could enhance India's air capabilities significantly. This includes indigenous AESA radar, upgraded avionics, and weapon systems integration, with a focus on modern warfare compatibility. While the budget constraints have delayed IAF's response, if

approved, this initiative aims to strengthen the IAF to 34 operational squadrons by 2029-30, thereby bolstering India's overall defense posture.

HAL Develops Advanced AEW Radar for Indian Navy's DBMRH



13-Nov-24

Hindustan Aeronautics Limited (HAL) has issued Requests for Information (RFI) to develop advanced radar systems for its Dual Band Multirole Helicopter (DBMRH) variants, specifically for Airborne Early Warning (AEW) and surveillance roles. The AEW radar aims for a detection range exceeding 300 km, enhancing India's air defense capabilities, while the DBMRH-S variant will focus on sea and ground surveillance. Both systems are expected to be integrated by mid-2027. This initiative under the Make in India program signifies a strong commitment to bolster domestic defense manufacturing and technological collaboration, addressing India's diverse security challenges effectively and promptly.

DRDO Boosts Aerospace Innovation with New Academia Partnerships



13-Nov-24

The Defence Research and Development Organisation (DRDO) has launched the DRDO-Industry-Academia Centres of Excellence (DIA-CoEs) at prestigious institutions like IISc Bangalore and IIT Bombay to enhance India's defense capabilities through innovative research in advanced materials and aerospace systems. These centers will focus on key areas such as hypersonic propulsion, AI integration, high-temperature materials for aero engines, and morphing wing technologies, fostering a collaborative ecosystem between academia and defense research. This initiative strategically addresses the need for indigenous development in defense technology, ensuring that the Indian Armed Forces benefit from cutting-edge advancements that align with national defense objectives.

Defense Policy and Budgeting

Army Chief Unveils Five Pillars for a Transformed Indian Army



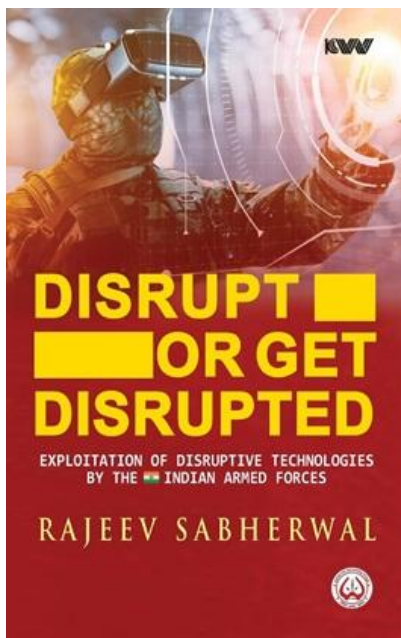
13-Nov-24

Army Chief General Upendra Dwivedi outlined a comprehensive modernization roadmap for the Indian Army, emphasizing five pillars of transformation aimed

at making the force technologically advanced and self-reliant by 2047. The pillars encompass jointness and integration among armed forces, force restructuring for optimized capabilities, modernization through advanced technologies, improved systems and processes for efficiency, and enhanced human resource management. With a focus on indigenization, the Army aims for 85% of acquisitions from local industries and complete ammunition indigenization by 2030, reinforcing its commitment to national growth and security in a rapidly changing technological landscape. This strategic vision positions the Indian Army as a vital component of India's aspirations for a developed nation.

Disrupt or Get Disrupted -By Lt Gen Rajeev Sabherwal

📞 SHARE



Disrupt or Get Disrupted is a book which explores how the Indian Armed Forces can leverage disruptive technologies to stay ahead in modern warfare. Written by Lt Gen Rajeev Sabherwal, it offers invaluable insights on overcoming bureaucratic hurdles and fostering innovation within military structures. A must-read for military leaders, policymakers, defence sector entrepreneurs and tech enthusiasts! [More Details](#)

Geopolitics and Security Alliances

Indo-Vietnam Strengthens Ties with Exercise VINBAX-24 in Haryana

📞 SHARE

13-Nov-24

Exercise VINBAX-24, the fifth edition of the joint military exercise between the Indian Army and the Vietnam Peoples Army, is currently underway in Ambala,

Haryana, from November 4 to 23. This year, the exercise has expanded to include air force personnel, focusing on training for United Nations peacekeeping missions. Key activities involve engineering and medical training, humanitarian assistance, and disaster relief exercises, utilizing advanced air assets such as Chinook and ALH helicopters. This initiative underscores the strengthening of Indo-Vietnamese ties and mutual support in international peacekeeping, highlighting an increased interoperability and collaboration between the two nations' armed forces.

US-India Relations: Key to a Democratic Indo-Pacific Future

📞 SHARE

13-Nov-24

Congressman Mike Waltz highlighted the pivotal nature of US-India relations, deeming it the most significant partnership of the 21st century. He underscored the role of this alliance in shaping a free and open Indo-Pacific region, championing initiatives like iCET and INDUS-X for their potential to enhance cooperation. Waltz's remarks reflect a broader strategic vision where strengthened ties between the two countries can counterbalance authoritarian influences and foster regional stability. This underscores India's growing importance in global defense frameworks, reinforcing its position as a vital player in maintaining peace and security in the Indo-Pacific, thus shaping a future aligned with democratic values.

US Launches New Missile Base in Poland, Boosting NATO Defense

📞 SHARE

13-Nov-24

The United States has inaugurated a new air defense base in Redzikowo, Poland, enhancing NATO's missile defense capabilities, particularly through the Aegis Ashore system. This development underscores Poland's commitment to NATO and its significant defense spending amid concerns about US commitments to the alliance. While the base is designed primarily to counter ballistic missile threats, its original focus was on threats from Iran rather than Russia. This expansion of NATO's defense infrastructure could be viewed as a strategic move to reinforce collective security in Europe, particularly as geopolitical tensions continue to rise in the region.

China's H-6 Bombers Boost Strike Capability Against U.S. Bases

📞 SHARE

13-Nov-24

China has showcased its modernized H-6 bombers in military exercises near Taiwan, emphasizing its ability

to conduct long-range strikes against U.S. bases and deter potential Taiwanese independence. These bombers are equipped with nuclear and anti-ship missiles, underscoring China's expanding military capabilities and strategic resolve. This development raises concerns for U.S. and Taiwanese officials, reflecting the heightened regional tensions. In light of these developments, India must enhance its own defense capabilities and strategic partnerships in the Indo-Pacific to counterbalance the growing assertiveness of China and ensure regional stability.

South Korea, Japan, and U.S. Launch Joint Exercise Amid Tensions

13-Nov-24

South Korea, Japan, and the U.S. are set to conduct a three-day joint military exercise, Freedom Edge, starting Wednesday, in response to escalating tensions with North Korea, which has recently tested intercontinental ballistic missiles and deployed troops to support Russia in Ukraine. This trilateral exercise will feature various military assets, including fighter jets and the USS George Washington, and encompass maritime missile defense and cyber defense training. The commitment to annual joint drills reflects a strategic alignment among these nations to counter North Korean threats, especially as Pyongyang has condemned such exercises as invasion rehearsals, underscoring the need for regional security cooperation in an increasingly volatile environment.

EU Aims to Surpass 1 Million Artillery Shells for Ukraine

13-Nov-24

The European Union has supplied over 980,000 artillery shells to Ukraine, aiming to surpass the one million mark by year-end despite initial production capacity challenges. Czech Prime Minister Petr Fiala announced that a separate initiative could contribute 500,000 shells to this effort. Concurrently, Ukraine has ramped up its domestic defense production, now producing millions of mortar shells annually. Meanwhile, the U.S. expressed concern over North Korean troops engaging alongside Russian forces in Ukraine, highlighting the complexities of international military support and alliances. This situation underscores the necessity for strong defense capabilities and strategic partnerships, which India actively fosters in its own defense strategy.

Biden Administration Reaffirms Support for Ukraine Amid Trump Concerns

13-Nov-24

U.S. Secretary of State Antony Blinken has reaffirmed the Biden administration's commitment to supporting Ukraine against Russian aggression before Donald Trump's potential presidency, emphasizing the need for NATO to strengthen its defense capabilities. He expressed concerns over North Korean troop deployments aiding Russia and highlighted the importance of Ukraine negotiating peace from a position of strength. Blinken's discussions in Brussels included plans to expedite U.S. aid to Ukraine and maintain NATO unity. This situation underscores the criticality of collaborative defense strategies among allied nations as they face evolving global threats, reflecting the significance of India's strategic partnerships and defense readiness in a multipolar world.

Military Operations

Indian Navy Launches Sea Vigil-24 Coastal Defence Exercise

13-Nov-24

The Indian Navy is set to conduct the fourth edition of the Pan-India Coastal Defence Exercise, Sea Vigil-24, on November 20-21, 2024, involving six ministries and 21 agencies, marking its most extensive iteration yet. This exercise will focus on enhancing the security of critical coastal assets and will involve a thorough audit of coastal defence infrastructure through the Coastal Defence and Security Readiness Evaluation phase, which commenced in late October. Notably, for the first time, officials from the National Security Council Secretariat will participate, reflecting a comprehensive national approach to maritime security. Sea Vigil-24 will also engage local communities, including fishermen and youth groups, to raise awareness about maritime security, reinforcing India's commitment to safeguarding its 11,098 km coastline and 2.4 million square kilometre Exclusive Economic Zone while facilitating coordinated efforts among various stakeholders in coastal defence.

Russia Launches First Major Drone and Missile Attack on Kyiv in Months



13-Nov-24

Kyiv recently faced a significant missile and drone assault from Russia, marking the first such attack in over two months, during which Ukrainian defense forces managed to intercept several of the threats, though the full impact of the offensive is still being assessed. This sophisticated airstrike has resulted in injuries and a fire at a warehouse, highlighting the ongoing volatility in the region. Concurrently, the Pentagon disclosed that North Korean troops are actively involved in combat operations within Russia's Kursk region, indicating a deepening military collaboration between Moscow and Pyongyang as they work to counter Ukrainian advancements. This situation underscores the complex geopolitical landscape, where external alliances are forming, raising concerns for Ukraine and its allies, while also demonstrating the resilience of Ukrainian defense forces in the face of renewed aggression. As India observes these developments, it reaffirms its commitment to a stable regional security environment, understanding the implications of such international military cooperation on global security dynamics.

Evolving Warfare: CDS Gen Chauhan Highlights Machines vs. Humans



13-Nov-24

Chief of Defence Staff Gen Anil Chauhan emphasized the transformative nature of warfare, highlighting a shift towards machine versus human combat due to advancements in robotics, hypersonic technology, and artificial intelligence. He noted that these disruptive technologies will lead to a new era of warfare characterized by cognitive superiority and enhanced decision-making capabilities. Gen Chauhan also mentioned India's strategic autonomy amidst global conflicts and the integration of various defense forces, including the Coast Guard and Assam Rifles, to improve operational efficiency. This proactive approach positions India to adapt effectively to the evolving landscape of modern warfare.

Army to Enhance Northern Border Mobility with All-Terrain Vehicles



13-Nov-24

The Indian government is initiating the procurement of all-terrain vehicles (ATVs) for the Army's deployment along the northern borders, enhancing cross-country mobility for infantry units. The Request for Information

(RFI) details the required operational characteristics, including seating for four personnel and compatibility with Indian helicopters for transport. These vehicles aim to facilitate rapid movement in challenging terrains and improve logistics in operations. The emphasis on GNSS-based navigation systems showcases a commitment to integrating advanced technology, thus strengthening operational readiness and capability in border areas, which is crucial for maintaining national security.

India Sends 2,000 CAPF Troops to Manipur Amid Violence



13-Nov-24

The Indian government has dispatched an additional 2,000 Central Armed Police Forces (CAPF) personnel to Manipur in response to recent violent clashes between security forces and militants, which resulted in casualties and the confiscation of weapons. This strategic deployment aims to enhance the security framework in a region plagued by ethnic violence since last year, showcasing the government's commitment to restoring peace and stability. By bolstering the existing security presence, India demonstrates its resolve to address internal security challenges effectively and ensure the safety of its citizens amidst ongoing unrest. Such actions reflect a proactive approach to maintaining law and order in sensitive areas.

Indian Forces Showcase Drones and AI in Exercise Poorvi Prahar



13-Nov-24

The Indian Armed Forces are conducting Exercise Poorvi Prahar from November 10 to 18 in Arunachal Pradesh, focusing on enhancing combat effectiveness and inter-service coordination among the Army, Navy, and Air Force. This large-scale exercise showcases advanced military assets, including drones and AI, to bolster operational readiness in mountainous terrain. The use of next-generation technologies, such as swarm drones and AI-driven analytics, emphasizes India's commitment to maintaining a technological edge. Overall, the exercise reinforces India's robust defense posture along its Eastern frontier, ensuring preparedness against evolving regional security challenges with agility and precision.

India and Indonesia Wrap Up 9th Garuda Shakti Exercise, Boosting Military Ties



13-Nov-24

The 9th edition of the India-Indonesia Joint Special Forces Exercise Garuda Shakti concluded in Cijantung, Indonesia, on November 12, enhancing bilateral military cooperation and counter-terrorism capabilities. The exercise, which took place from November 1-12, involved 25 Indian personnel from the Parachute Regiment alongside 40 Indonesian Special Forces, focusing on diverse combat techniques including underwater training and urban warfare. This collaborative effort underscores the strong defense ties between the two nations, coinciding with the 75th anniversary of diplomatic relations and India's 'Act East' policy. The participation of Indian officials further solidifies the commitment to the Comprehensive Strategic Partnership between India and Indonesia, paving the way for future strategic collaboration.

through CCTV and drones, along with a heavy presence of CRPF and local police. Despite the threat, Ayodhya's Mayor expressed confidence in the city's security measures, asserting that any attack would be unthinkable in a place protected spiritually. This incident underscores the persistent challenges posed by extremist elements and highlights the Indian defense forces' readiness to counter potential threats to national security and cultural heritage.

J&K Sees 75% Drop in Terror Incidents and Casualties Since 2018



13-Nov-24

India has achieved a notable 77% reduction in terrorist incidents and a 75% decrease in civilian casualties in Jammu and Kashmir over the past five years, as reported by the Home Ministry to a House panel. This decline is attributed to effective counterterrorism strategies and a decrease in left-wing extremism. The significant drop in violence reflects the Indian government's commitment to enhancing security and stability in the region, underscoring the effectiveness of its strategies against terrorism. These results not only highlight improvements in public safety but also contribute to fostering a more secure environment for development and peace in Jammu and Kashmir.

Hizb-Ut-Tahrir Member Sentenced to 5 Years for Promoting Terrorism in India



13-Nov-24

A special NIA court in Chennai sentenced Abdullah alias Saravana Kumar, a member of the terror outfit Hizb-Ut-Tahrir (HuT), to five years in prison for promoting its violent ideology and inciting unlawful activities against India. The court found him guilty of attempting to associate with the proscribed organization and sought to undermine the Indian government through social media posts aimed at fostering disaffection and disrupting national integrity. This conviction underscores India's commitment to counter-terrorism efforts and maintaining public order, reinforcing the importance of vigilant law enforcement in combating threats to national security.

Terrorism and Counterterrorism

Amit Shah lauds Modi for tackling terrorism, Naxalism, and upholding Article 370's abrogation.



13-Nov-24

Union Home Minister Amit Shah praised Prime Minister Modi for allegedly eliminating terrorism and Naxalism in India while asserting that Article 370, which granted special status to Jammu and Kashmir, will never be reinstated. Speaking in Mumbai ahead of the Maharashtra assembly polls, Shah emphasized that the BJP prioritizes the Kashmir issue over political power and criticized opposition leaders for their stance on development initiatives, including the construction of the Ram Temple. He noted that post-abrogation of Article 370, there has been a marked reduction in unrest in Jammu and Kashmir, indicating a shift towards stability and governance in the region.

Enhanced Security at Ram Temple Following Pannun's Threat



13-Nov-24

Security around the Ram Mandir in Ayodhya has been significantly heightened following a video threat from pro-Khalistan leader Gurbatwant Singh Pannun, warning of possible violence during the Ram Vivah festival. In response, authorities have deployed armed Anti-Terrorist Squad members and increased surveillance

Mil Personnel & Veterans

Trump Chooses Army Veteran Pete Hegseth as Defense Secretary



13-Nov-24

U.S. President-elect Donald Trump has selected Army veteran Pete Hegseth as his Secretary of Defense, emphasizing his military background and strong nationalist stance. Hegseth, a critic of NATO and proponent of a robust military response to global threats, has warned of China's ambitions for regional and global dominance. Also in consideration was Pro-India Mike Waltz. This nomination is expected to raise concerns among NATO allies about the future of U.S. commitments to the alliance. Hegseth's potential confirmation could align with Trump's agenda to reshape military leadership and address perceived progressive policies within the Pentagon, reflecting a shift toward a more aggressive defense posture for the U.S. and its allies.

Miscellaneous

ED Arrests Two Bangladeshis and One Indian for Human Trafficking



13-Nov-24

The Enforcement Directorate (ED) has arrested three individuals, including two Bangladeshi nationals, for facilitating illegal infiltration and human trafficking in Jharkhand, with searches conducted across 17 locations yielding fake identification documents, cash, and other illegal items. This operation coincides with ongoing elections, prompting political accusations from the Jharkhand Mukti Morcha (JMM) and Congress against the BJP-led central government, alleging the raids are politically motivated. Prime Minister Modi and other BJP leaders claim that the JMM government is complicit in altering the demographic landscape due to such infiltrations. Union Home Minister Amit Shah has vowed to drive out infiltrators if the BJP regains power, highlighting the political stakes involved in this crackdown on illegal immigration, which emphasizes national security and the integrity of Indian borders.

Mexican Ambassador Federico Salas advocates for stronger ISRO-AEM ties with ALCE.



13-Nov-24

The Mexican Ambassador to India, Federico Salas, has expressed interest in enhancing collaboration between the Indian Space Research Organisation (ISRO) and the Mexican space agency AEM, particularly in conjunction with the Latin American and Caribbean Space Agency (ALCE), as India and Mexico approach the 75th anniversary of their diplomatic relations in 2025. During a meeting at ISRO's headquarters, Chairperson S Somanath discussed existing successful initiatives, such as the development of a mobile application for forest fire monitoring and a workshop on space systems for forest fire management conducted for Mexican officials. The ambassador acknowledged India's advancements in space technology, especially the Chandrayaan-3 mission, and expressed gratitude for India's support in applications relevant to forest fire and agricultural drought monitoring. Somanath also highlighted the potential for further collaborations, including India's support in building Earth observation satellites for Mexico, and the G20 satellite mission focused on environmental and climate observations. This dialogue not only strengthens bilateral ties but also positions India as a key player in international space cooperation, showcasing its technological prowess and commitment to addressing global challenges through innovative solutions.

Omar Abdullah Calls for Review of Indus Water Treaty Amid Power Crisis



13-Nov-24

Omar Abdullah, the former Chief Minister of Jammu and Kashmir, has criticized the Indus Water Treaty (IWT) for its negative impact on the region's hydropower generation, claiming it restricts Jammu and Kashmir from fully exploiting its estimated hydropower potential of 20,000 megawatts. He highlights that the treaty has led to significant economic losses, approximately 6,500 crore annually, due to limitations on water storage and usage. Abdullah argues that the IWT disproportionately favors Pakistan while hampering local development and exacerbating power shortages, particularly in winter months. This growing resentment among residents underscores the need for a reassessment of the treaty in light of regional development needs and energy security.

India-US NISAR Satellite Launch Set for Early 2025



13-Nov-24

The NISAR satellite, a collaborative project between India and the US, is set for launch in early 2025, as confirmed by Indian Union Minister Dr. Jitendra Singh during discussions with NASA Administrator Bill Nelson. Operating at an altitude of 747 km, NISAR will employ advanced L-band and S-band synthetic aperture radar systems to monitor significant Earth changes, including natural disasters and climate variations. A critical radar antenna reflector is currently being transported from the US to India for integration. This mission underscores India's growing technological collaboration with the US, enhancing its capabilities in remote sensing and environmental monitoring, which are crucial for addressing climate change challenges.

IIT-Madras and ISRO Launch Centre for Thermal Science Research



13-Nov-24

ISRO has partnered with IIT-Madras to establish a Centre for Research in Thermal Sciences, supported by an initial funding of 1.84 crore. The centre will focus on addressing critical thermal issues in India's space program, including spacecraft thermal management

and cryo-tank thermodynamics, leveraging the expertise of IIT-Madras faculty. This collaboration aims to foster innovation and strengthen self-reliance in space technology, creating a vital interface between academia and industry. Prof. Arvind Pattamatta highlighted the importance of overcoming complex thermal challenges to enhance India's capabilities in this critical field, reinforcing the nation's commitment to advancing its space endeavors.

ISRO's Rs 1 investment yields Rs 2.50 societal benefit, says chief



13-Nov-24

ISRO Chairman S. Somanath highlighted the positive societal impact of the agency, stating that for every rupee spent, society benefits Rs 2.50. He emphasized the need for an ecosystem that fosters business opportunities in space technology to ensure sustainability and independence from government funding. Somanath shared examples of ISRO's contributions, such as advisory services for fishermen, which enhance their yields and reduce costs. The event also celebrated India's historical figures in rocketry and offered students insight into careers in space technology, showcasing the government's commitment to strengthening the nation's capabilities in this critical domain.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
PTC	172.4	179.38	170.2	170.92	2611884	-0.27	35.78	179.45	207.4
HIGHENE	607.5	615.0	587.95	605.0	5852	-0.41	40.46	622.56	709.84
KRISHNADEF	0.0	704.0	698.5	698.5	23250	-0.82	51.68	683.91	591.31
MARINE	237.83	237.83	220.86	223.95	786606	-1.13	49.75	218.54	169.64
LT	3585.0	3604.85	3535.65	3547.95	1568694	-1.21	48.43	3535.92	3576.33
CFE	602.75	602.75	576.0	588.75	13000	-1.35	42.59	602.77	593.45
MTARTECH	1575.0	1609.85	1530.55	1559.85	130433	-1.69	38.47	1613.68	1828.63
ADANIENT	2860.0	2889.0	2808.0	2816.7	890146	-1.86	40.24	2899.92	3102.37
SIKA	2510.0	2510.0	2416.8	2448.35	2103	-1.89	41.02	2530.7	2356.18
TANEJAERO	400.0	400.0	379.45	390.0	21458	-2.67	25.72	428.04	490.44
BHARATFORG	1360.0	1363.35	1312.7	1321.5	584312	-2.87	30.35	1416.43	1430.6
BEL	288.0	288.85	279.45	281.55	20001842	-2.96	45.79	284.78	262.92
APOLLO	96.35	97.15	93.6	94.08	1108298	-3.18	38.03	98.98	108.94
SOLARINDS	10050.0	10096.9	9630.55	9688.35	44513	-3.31	33.29	10431.0	9562.62
MIDHANI	315.0	318.05	304.8	306.4	340069	-3.45	29.46	336.43	422.78
BEML	3950.0	4139.75	3787.65	3811.55	470310	-3.52	44.22	3975.34	3824.94
DATAPATNS	2260.0	2260.0	2165.0	2172.15	174635	-3.91	39.21	2320.19	2671.82
TEMBO	0.0	701.8	701.8	701.8	13143	-3.96	78.73	554.8	311.84
MAZDOCK	4042.95	4060.0	3872.0	3890.8	1234955	-4.0	38.79	4165.26	3479.98
AZAD	1625.5	1645.85	1551.0	1560.55	190518	-4.08	51.79	1532.02	1450.85
COCHINSHIP	1365.05	1365.05	1308.0	1317.35	444889	-4.13	30.8	1457.55	1615.52
HAL	4220.0	4220.0	4045.55	4066.9	2076393	-4.16	36.9	4304.95	4240.16
NIBE	1670.0	1749.0	1662.65	1675.0	24635	-4.28	41.68	1734.05	1665.33
IDEAFORGE	602.0	602.05	573.35	576.4	139413	-4.35	37.32	607.47	712.69
PREMEXPLN	438.8	443.35	423.2	424.45	125260	-4.71	36.27	462.6	495.22
BDL	1024.65	1027.95	975.05	979.2	652280	-4.77	32.88	1065.85	1168.68
PARAS	983.1	988.75	933.95	933.95	112070	-5.0	36.06	1008.43	989.11
DCXINDIA	320.0	323.9	318.3	318.3	234557	-5.0	44.95	323.46	334.5
ZENTEC	1740.05	1779.8	1657.1	1695.35	278864	-5.12	39.69	1815.15	1292.24
GRSE	1454.0	1457.3	1370.0	1384.2	703813	-5.36	31.15	1580.8	1465.71
ASTRAMICRO	770.05	775.05	733.15	737.65	412665	-5.71	38.66	771.56	777.59
AVANTEL	154.97	155.41	144.45	146.42	1799413	-5.97	26.01	168.89	-
HBLPOWER	556.95	559.95	514.05	518.6	1603166	-6.87	36.38	558.87	547.41
LOKESHMACH	370.0	389.65	345.0	349.9	195723	-9.94	44.98	362.93	390.24
ROSSELLIND	0.0	84.04	84.04	84.04	2586	-11.83	25.5	91.47	426.72