



Defence Professionals News & Analysis

November 23,2024 | Day 328

Top Gainers

Stock	Close	Prev	Change
NIBE	1672.95	1593.3	+5.0%
HBLPOWER	560.55	538.0	+4.19%
HIGHENE	600.25	578.0	+3.85%
LT	3603.5	3483.5	+3.44%
HAL	4111.35	3983.45	+3.21%

Top Losers

Stock	Close	Prev	Change
ROSSELLIND	76.0	95.32	-20.27%
KRISHNADEF	652.6	704.25	-7.33%
TEMBO	715.25	730.7	-2.11%
CFE	600.55	607.85	-1.2%
AZAD	1578.15	1594.95	-1.05%

Defense Business and Industry

India's PierSight Launches First All-Weather Maritime Satellite



23-Nov-24

Indian startup PierSight has launched the Varuna satellite, marking India's first all-weather maritime surveillance satellite capable of 24/7 monitoring using Synthetic Aperture Radar (SAR) technology. This innovative satellite, developed in just nine months, will enable comprehensive ocean coverage and rapid revisit times, crucial for tracking ship movements and environmental monitoring. With its unique capabilities to operate under various weather conditions, Varuna aims to set new industry standards for satellite development and deployment. This initiative not only showcases India's growing proficiency in space technology but also enhances its maritime security and environmental surveillance capabilities, reinforcing the nation's strategic interests in the region.

India Sends First Pinaka Rocket Launchers to Armenia, Boosting Ties



23-Nov-24

India has successfully dispatched its first batch of Pinaka Multi-Barrel Rocket Launchers (MRBLs) to Armenia, marking a significant advancement in defense exports and bilateral relations. This delivery stems from a contract signed in 2022, showcasing India's growing capabilities in the global arms market and its commitment to the Make in India initiative. The Pinaka system, developed by DRDO and produced with private sector collaboration, is expected to enhance Armenia's military effectiveness against threats by providing

superior firepower. This deal, alongside Armenia's acquisition of Indian-made Akash missile systems, underscores Armenia's increasing dependence on Indian defense technology, reinforcing India's role as a key player in regional security dynamics.

Indian Navy Welcomes Sixth Indigenous Missile Barge, LSAM 12



23-Nov-24

The Indian Navy celebrated the induction of the sixth Missile Cum Ammunition Barge, LSAM 12 (Yard 80), at a ceremony in Mumbai on November 22, 2024. Built by SECON Engineering Projects Pvt. Ltd. in collaboration with an Indian design firm, these barges exemplify the Make in India and Aatmanirbhar Bharat initiatives. They enhance the Indian Navy's operational capabilities by facilitating the transportation and handling of ammunition and supplies to naval platforms. This development underscores India's commitment to strengthening its indigenous defense capabilities and achieving self-reliance in the defense sector.

Indian Scientist Shantanu Bhowmik Unveils Game-Changing Armor



23-Nov-24

Bengali scientist Shantanu Bhowmik has developed the Shaheed Udham Singh Armour, a revolutionary hybrid composite that offers exceptional blast resistance, demonstrated by withstanding a 10 kg TNT explosion at a 1.9 feet distance, adhering to NATO's STANAG Level 4 standards. This innovative material absorbs and disperses energy from high-pressure blasts, enhancing the safety of military personnel and equipment. Its potential applications span armored vehicles, protective gear, and civilian infrastructure in conflict zones. The development signifies India's growing self-reliance in defense technology, with prospects for future exports

to allied nations, thereby bolstering both domestic military capabilities and international partnerships.

DRDO Unveils NGERA: Advanced Armor for India's Future Tanks



23-Nov-24

The High Energy Materials Research Laboratory (HEMRL) has developed the Next-Generation Explosive Reactive Armour (NGERA) to enhance the survivability of India's tanks against modern threats. Building on prior models like ERA Mk-I and Mk-II, NGERA offers over 50% penetration reduction against tandem-shaped charge warheads and over 30% against kinetic energy projectiles. With a low-sensitivity explosive for improved safety and a modular design adaptable to various tank platforms, NGERA represents a significant advancement in India's defense capabilities. This development underscores India's commitment to self-reliance in defense technology, crucial for maintaining operational readiness against evolving battlefield challenges.

India and Japan Partner to Enhance Military Tech Development



23-Nov-24

On November 15, 2024, India and Japan signed a Memorandum of Implementation (MoI) in Tokyo for the co-development of the Unified Complex Radio Antenna (UNICORN) mast, a crucial technology aimed at enhancing the stealth capabilities of Indian Navy warships by consolidating multiple communication systems into a single radar dome. This agreement comes in response to growing concerns over China's military assertiveness in the Indo-Pacific region and represents a significant milestone in defense cooperation between the two nations, marking the first instance of military technology transfer since their dialogue on defense equipment began in 2015. During a subsequent meeting in Laos between Indian Defence Minister Rajnath Singh and his Japanese counterpart Gen Nakatani, discussions also centered on establishing reciprocal supply and services agreements to improve military interoperability, allowing their forces to utilize each other's bases for repairs and replenishment, thereby enhancing overall defense collaboration. The talks further highlighted a shared commitment to co-production and co-development in defense manufacturing, with Bharat Electronics Limited playing a pivotal role in the UNICORN project alongside Japanese firms. Singh's discussions also included bilateral meetings with the Philippines Defence Minister, focusing on expanding cooperation across various

domains including counter-terrorism and maritime security, underscoring the strategic partnership's potential in addressing regional security challenges. This collaborative effort not only strengthens India-Japan ties but also significantly contributes to India's aspirations for greater self-reliance in defense technology amid an increasingly complex geopolitical landscape.

Ukraine Boosts Air Defense to Counter New Russian Missile Threats



23-Nov-24

Ukrainian President Volodymyr Zelenskiy announced efforts to develop new air defense systems to address the heightened threat from Russia's recently deployed medium-range missile, the Oreshnik. He condemned this missile's use as an international crime and called for a global response to deter further Russian aggression. The Kremlin, in defense, claimed the missile serves as a warning to the West against supporting Ukraine and asserted its capability to evade enemy intercepts. This escalation underscores the urgent need for effective air defense solutions, not just for Ukraine, but as a broader warning to nations facing similar threats from hostile powers.

IAF Considers C-295 for Tactical Air-to-Air Refuelling Upgrade



23-Nov-24

The Indian Air Force (IAF) is assessing the conversion of its newly acquired Airbus C-295 transport aircraft into tactical air-to-air refuelling (AAR) platforms, utilizing a modular roll-on/roll-off AAR system. This upgrade enables cost-effective refuelling for helicopters and fixed-wing aircraft during diverse operations, enhancing mission flexibility without extensive modifications. The C-295's capabilities, including a 300 nautical mile operational range and the ability to offload 5 tonnes of fuel, position it as a valuable asset that aligns with the IAF's strategies for force projection and operational efficiency while significantly lowering operational costs compared to larger tankers. This development reflects the IAF's commitment to maximizing the utility of its assets in contemporary warfare scenarios.

Pakistan Launches Ambitious PFX Fighter Jet Program at IDEAS 2024



23-Nov-24

At the IDEAS 2024 exhibition, Pakistan's Air Force announced the PFX program, aiming to develop a 4.5+ generation fighter jet to enhance its air combat

capabilities and reduce reliance on imports. The twin-engine PFX is designed with advanced features like Canards and AESA radar, intended to surpass the JF-17. While Pakistan seeks to modernize its fleet to replace aging aircraft, including the Mirage series and F-16s, India remains vigilant, continually advancing its own air power through initiatives such as the indigenous AMCA program and enhancing partnerships with global defense leaders to ensure regional air superiority and preparedness for evolving threats.

Indian Army Boosts Safety in J&K with More Tata Armoured Vehicles SHARE

23-Nov-24

The Indian Army plans to enhance troop safety in Jammu and Kashmir by procuring additional Tata Wheeled Armoured Personnel Carriers (WhAPC) amid rising attacks by Pakistani-backed terrorists. The Tata WhAPC, a versatile vehicle offering mine protection and various operational configurations, aims to improve mobility and protection during counter-insurgency operations. Its proven capabilities, demonstrated during UN Peacekeeping Missions and domestic security operations, reflect India's commitment to safeguarding its personnel against IEDs and small arms fire. This strategic procurement underscores India's proactive measures to bolster defense readiness in high-risk areas, aligning with its broader defense modernization efforts.

Indian Army to Receive First AH-64E Apache Helicopters in Dec 2024 SHARE

23-Nov-24

The Indian Army is set to receive its first batch of three AH-64E Apache helicopters from Boeing in December 2024, following a delay due to global supply chain issues. This acquisition, part of a contract signed in 2020, aims to enhance the Army's aerial combat capabilities particularly in desert regions along the western borders, complementing the existing fleet operated by the Indian Air Force. The Apache helicopters will significantly bolster close air support, precision strikes, and reconnaissance missions, while the collaboration with Tata Boeing Aerospace Limited emphasizes a commitment to local defense manufacturing. This situation highlights the need for India to strengthen its defense self-reliance under initiatives like Make in India.

RudraM-II Missile Production Clearance Set for 2026 SHARE

23-Nov-24

The DRDO has successfully flight-tested the RudraM-II air-to-surface missile from an Indian Air Force Su-30MKI, marking a major advancement in enhancing India's air combat capabilities. With production clearance aimed for 2026, the missile is designed for precision strikes against enemy assets like military infrastructure and radar systems. The development roadmap includes additional trials to ensure accuracy and reliability, along with collaborations with the Indian Air Force for effective integration. This missile will significantly enhance the IAF's ability to engage high-value targets in modern warfare, where precision and rapid response are crucial for operational success.

Kalyani Group Launches Indigenous 30mm Naval Gun for Warships SHARE

23-Nov-24

Kalyani Group has launched an indigenous 30mm naval gun aimed at enhancing close-in defense capabilities for smaller warships, marking a significant advancement in India's defense manufacturing under the Make-I category of the Defence Acquisition Procedure 2020. This gun incorporates innovative features such as a stealth shield, advanced stabilization, and an efficient ammunition handling system, catering to the operational needs of modern naval warfare. The development underscores India's commitment to achieving self-reliance in defense production, reducing dependency on foreign suppliers, and aligning with the Atmanirbhar Bharat initiative. Overall, this initiative is a crucial step toward bolstering India's naval capabilities and technological prowess.

Armenia Eyes HAL's Do-228 to Boost Transport Capabilities SHARE

23-Nov-24

Armenia is in talks with India for the acquisition of HAL-made Dornier Do228 transport aircraft to enhance its transport capabilities amidst regional security challenges. Currently, Armenia's limited transport fleet, which includes only three Il-76 aircraft, lacks sufficient tactical and light options. The Do228's STOL capabilities and versatility make it well-suited for Armenia's mountainous terrain, allowing for efficient logistics and troop movement. This proposed sale highlights the strengthening defense partnership between India and Armenia, with India also providing other defense equipment like Pinaka rocket launchers,

thereby enhancing India's role as a key defense exporter in the region.

IAI Seeks Indian Partner for Lightweight Teaser Missile Production

[!\[\]\(2bdfe261b986065ee0ac76460d6528c9_img.jpg\) SHARE](#)

23-Nov-24

Israel Aerospace Industries (IAI) has launched the Teaser missile, a lightweight, shoulder-launched weapon utilizing external optical guidance, designed for infantry units and effective against lightly armored targets. IAI is seeking Indian manufacturing partners, aiming to establish production in India to meet local and export demands, aligning with India's defense self-reliance goals. This collaboration is particularly timely given the strain on Israeli production capacities amid ongoing regional conflicts. India's robust defense manufacturing ecosystem presents a mutually beneficial opportunity, offering IAI an expanded production capability while enhancing India's technological advancements in guided weaponry.

Hungary Boosts Air Defense Near Ukraine Amid Rising Threats

[!\[\]\(c694a3ff3b077d76910920a6a1593ab4_img.jpg\) SHARE](#)

23-Nov-24

Hungary plans to install an air defense system in its northeastern region due to increasing threats from the ongoing Ukraine-Russia conflict, as highlighted by its defense minister. The decision follows Russia's heightened nuclear threat and Ukraine's use of U.S.-made missiles, prompting Hungary to bolster its military capabilities alongside its modernization efforts, including acquiring French Mistral systems and NASAMS. The installation of these systems is part of a broader NATO strategy, exemplified by the Aegis Ashore base in Poland, aimed at enhancing regional security. This move underscores Hungary's commitment to defense readiness amidst rising geopolitical tensions in Europe.

Vietnam Enhances Defense with US Trainer Aircraft Purchase

[!\[\]\(dd161862f9164df98f62b726e9846241_img.jpg\) SHARE](#)

23-Nov-24

Vietnam has made a significant move in its defense capabilities by purchasing T-6C Texan II trainer aircraft from the U.S., marking the first direct military aircraft purchase since diplomatic ties were normalized in 1995. This acquisition aligns with Vietnam's strategy to modernize its air force amid rising tensions with China in the South China Sea and is expected to enhance operational readiness with dual functionalities for pilot training and maritime surveillance. The U.S. aims to strengthen military cooperation with Vietnam, reflecting

a broader trend of nations seeking diverse defense partnerships to address regional security challenges, which ultimately benefits stability in the Indo-Pacific region.

India's Defence MRO Sector Poised for Rapid Growth by 2031

[!\[\]\(248b91fcdac4810ffd15cf33fb6aec6f_img.jpg\) SHARE](#)

23-Nov-24

India's Defence MRO market is projected to grow from \$1.7 billion in 2021 to approximately \$3 billion by 2031, driven by the Indian Air Force's fleet expansion and the need for enhanced maintenance capabilities for aging aircraft. Government initiatives like the MRO Policy 2021 aim to boost domestic MRO capabilities and reduce reliance on foreign services, with a focus on indigenization and public-private partnerships. However, about 80-85% of MRO services are still sourced from abroad, highlighting a significant gap that needs to be addressed. Furthermore, a critical skills shortage necessitates collaboration between academia and industry to develop the required workforce for this burgeoning sector.

Indian Army Boosts Artillery with Mass Production of Guided Pinaka

[!\[\]\(d3e32d099174a7c248ec1f564ee4f69c_img.jpg\) SHARE](#)

23-Nov-24

The Indian Army is set to modernize its artillery capabilities with the commencement of mass production of the Guided Pinaka Rocket Launcher, developed by DRDO. This advanced system can launch 12 rockets within 44 seconds and has demonstrated extended ranges exceeding 75 km, with plans for further enhancements. The successful flight tests validate its precision and performance, paving the way for its induction into the Army, which aims to expand its Pinaka regiments. The initiative highlights India's focus on self-reliance in defense manufacturing and positions the country as a rising player in the global defense market, attracting international interest, particularly from Armenia and France.

Geopolitics and Security Alliances

Putin's Hypersonic Missile Launch: A Stark Warning to the West

[!\[\]\(8b0a097b4b9c9c3eeaea0f4289ea77e5_img.jpg\) SHARE](#)

23-Nov-24

Recent developments indicate a significant escalation in the Russia-Ukraine conflict, with President Putin using the hypersonic missile Oreshnik to strike Ukraine in response to Western-supplied missiles targeting

Russian territory. Putin framed this missile launch, which reportedly evades current defense systems and carries multiple warheads, as a necessary defense against Western aggression, asserting that Russia would continue to test such weapons in combat. He emphasized that future missile deployments would hinge on U.S. and allied actions and raised the stakes by lowering the threshold for nuclear weapon use in response to conventional attacks. Despite claims of a successful test, U.S. officials suggest that Russia's experimental capabilities are limited, reflecting a complex interplay of military posturing amid rising tensions and global security concerns.

Russia Reclaims 40% of Kursk Region from Ukraine Amid Escalation

SHARE

23-Nov-24

Recent reports indicate that Russian forces have recaptured approximately 40% of the territory in the Kursk region that Ukraine previously controlled, with advances also noted in the Donetsk region, including the capture of Novodmytrivka. Ukrainian military sources claim their hold on the Kursk region has diminished from 1,376 square kilometers to around 800 square kilometers, while Russia has deployed significant troop reinforcements, reportedly numbering about 575,000, with plans to increase this to approximately 690,000. Concurrently, Ukraine is intensifying its strikes deep within Russian territory to disrupt supply lines, following eased restrictions on the use of Western-supplied missiles. The ongoing escalation reflects a challenging landscape for Ukraine as it grapples with a numerically superior adversary while seeking to maintain its territorial integrity amidst intensified Russian offensives.

North Korea denounces US-South Korea-Japan military drills as provocative.

SHARE

23-Nov-24

North Korea condemned recent joint military drills conducted by the United States, South Korea, and Japan, labeling them as provocative actions that may heighten tensions on the Korean peninsula. The drills involved advanced military assets, including fighter jets and a U.S. nuclear-powered aircraft carrier, showcasing a united front among these nations. North Korea's response highlights its ongoing concerns about perceived threats from military collaborations in the region. This situation underscores the delicate balance of power in East Asia, where strengthened alliances among the U.S., South Korea, and Japan are critical for

regional security, while North Korea remains a significant concern for stability in the area.

India and Russia Strengthen Defense Collaboration in New Delhi

SHARE

23-Nov-24

India and Russia have reinforced their longstanding defense ties during the 22nd Working Group meeting on military-technical cooperation held in New Delhi, co-chaired by Indian and Russian defense officials. Discussions focused on enhancing military cooperation, particularly through joint projects and technology transfer under India's "Make in India" initiative, with an aim to boost domestic manufacturing capabilities. The two nations emphasized increased participation from Russian industries in India and planned further dialogues to explore collaboration in aerospace and naval defense, with the next Intergovernmental Commission meeting scheduled for late 2024 in Moscow. The evolution of their partnership from a buyer-seller dynamic to joint production, exemplified by the BrahMos missile and AK-203 rifles, underscores the strategic significance of their defense relationship, ensuring mutual advancement in military capabilities.

14 Proclaimed Offenders Declared for Crossing LoC into PoK

SHARE

23-Nov-24

A court in Jammu and Kashmir's Rajouri district has declared 14 individuals as proclaimed offenders for illegally crossing the Line of Control into Pakistan-occupied Kashmir in 2011, indicating ongoing challenges related to border security and illegal migration. These individuals, facing charges under the Egress Internal Movement (Control) Ordinance, will have their properties attached as part of the legal process. This development underscores India's commitment to upholding its territorial integrity and addressing unlawful activities along its borders, which is critical for national security in a geopolitically sensitive region. Such actions reinforce the need for stringent measures to deter illegal crossings, contributing to a more secure and stable Jammu and Kashmir.

Trump Considers Richard Grenell as Special Envoy for Ukraine

SHARE

23-Nov-24

President-elect Donald Trump is considering appointing Richard Grenell, his former intelligence chief and ambassador to Germany, as a special envoy for the

Russia-Ukraine conflict. Although Grenell has a strong diplomatic background, his past suggestions, such as advocating for autonomous zones and questioning Ukraine's immediate NATO membership, may raise concerns among Ukrainian leaders. Trump has committed to swiftly ending the conflict but has yet to outline his strategy. This potential appointment reflects Trump's ongoing re-evaluation of U.S. foreign policy in the region, which will significantly test his administration's approach to resolving the crisis.

PM Modi Highlights Germany's Key Role in Strengthening India-Europe Ties



23-Nov-24

During a recent address, Prime Minister Modi emphasized the strategic importance of Europe, particularly Germany, as a key partner for India, with over 1,800 German companies contributing approximately \$15 billion in investments. He highlighted the potential for bilateral trade, currently at \$34 billion, to grow further as collaborations deepen, referencing German Chancellor Olaf Scholz's upcoming visit which will focus on initiatives like the Focus on India document. This partnership reflects India's commitment to enhancing economic ties and skilled labor strategies, positioning Germany as a vital ally in India's broader geopolitical and economic aspirations in Europe.

Military Operations

Manipur to Receive 288 CAPF Companies Amid Ethnic Violence



23-Nov-24

The Indian government has announced the deployment of an additional 90 companies of Central Armed Police Forces (CAPF) to Manipur, raising the total to 288 companies amid ongoing ethnic violence between the Meitei and Kuki communities, which has resulted in 258 deaths since May 2023. New Standard Operating Procedures (SOPs) have been established to enhance coordination among various security agencies, including the Army and police forces, aiming to secure vulnerable areas and national highways. Approximately 3,000 looted weapons have been recovered, and efforts are ongoing to ensure public safety. The authorities emphasized the need for community cooperation to restore peace and warned of strict actions against violators, reinforcing the government's commitment to maintaining order and protecting the lives and

properties of its citizens despite the complexities of the conflict.

Russian Hypersonic Missile Hits Ukraine at Mach 11: A Warning



23-Nov-24

A Russian missile strike on Dnipro, Ukraine, reportedly utilized the new hypersonic ballistic missile Oreshnik, which achieved speeds exceeding Mach 11 and was equipped with multiple warheads. This attack, described by President Putin as a warning to the West against supporting Ukraine, reflects ongoing tensions as Ukraine employs longer-range missiles supplied by allies. The missile's rapid flight time of 15 minutes raises concerns about missile defense capabilities in the region. As NATO convenes an emergency meeting to address the situation, this incident highlights the evolving nature of modern warfare and the urgent need for robust defense strategies among affected nations, including India, which must monitor advancements in missile technology globally.

K-9 Units Shine in Joint Drill with Australian Soldiers



23-Nov-24

During the AustraHind joint exercise, the Indian Army's K-9 units, including explosive detection and assault dogs, showcased their capabilities, significantly enhancing operational effectiveness in scenarios like bomb disposal and counter-terrorism. Australian Army Major General David Thomae praised the Indian Army's tactical methodologies, suggesting their potential applicability within Australian military practices. The exercise involved collaborative training in drone surveillance and complex tactical drills, demonstrating the high level of coordination and camaraderie between the two nations' forces. This partnership not only strengthens bilateral defense ties but also enhances joint operational readiness in addressing common security challenges.

Indian Army Enhances High-Altitude Defense with New Posts



23-Nov-24

The Indian Army, under Lieutenant General Navin Sachdeva of the White Knight Corps, has stepped up patrolling and established posts in the upper reaches of mountain ridges to enhance operational capabilities in high-altitude areas, which are vital for national security. This initiative aims to improve readiness against potential threats while fostering strong relationships with local communities to ensure their support. The

establishment of these posts not only acts as a deterrent but also aids in monitoring and securing strategic locations, reflecting India's commitment to maintaining stability and security in challenging terrains. Such proactive measures underscore the Army's strategic focus on high-altitude defense readiness.

Terrorism and Counterterrorism

US Charges Indian National for Illegally Exporting Parts to Russia SHARE

23-Nov-24

The US has charged Indian national Sanjay Kaushik with conspiring to illegally export controlled aviation components, including a navigation system, to Russia, violating the Export Control Reform Act. Arrested on October 17 in Miami, Kaushik allegedly misled US suppliers into believing the parts were for his Indian company, while they were intended for Russian end users amid ongoing geopolitical tensions post-Ukraine invasion. This case underscores the challenges of compliance with export controls in a complex international landscape, reflecting the US's stringent measures to restrict military technology flow to Russia, while reinforcing India's commitment to adhering to global norms in defense exports.

40 Shiite Muslims Killed in Bus Ambush Amid Sectarian Violence SHARE

23-Nov-24

A tragic attack in Pakistan's Parachinar district resulted in the deaths of 40 Shiite Muslims, including women, during an ambush on a bus convoy. The violence, attributed to ongoing sectarian tensions between Sunni and Shiite communities, saw armed attackers open fire on the convoy, leading to several injuries and heightened anger among local residents. This incident highlights the volatile security situation in Pakistan, especially in regions bordering Afghanistan, where minority communities face threats from groups like Tehreek-e-Taliban Pakistan. The response from local authorities indicates an urgent need for improved security measures and a deeper societal commitment to addressing sectarian violence.

Wagner Mercenaries Face Deadly Attack in Mali by Al-Qaeda Affiliate SHARE

23-Nov-24

Seven Wagner mercenaries were killed in an attack in central Mali, claimed by an al-Qaeda affiliate, underscoring the perilous situation faced by Russian forces supporting Mali's military junta against insurgencies. This incident, part of a troubling trend of heavy casualties for Wagner in the region, raises concerns about their effectiveness and the potential for further destabilization in West Africa. The role of mercenaries like Wagner often invites scrutiny, as their presence can complicate local dynamics and security efforts. This situation reflects the broader challenges in combating terrorism and maintaining stability in regions plagued by conflict, emphasizing the need for a cohesive and strategic response from international partners, including India.

Cybersecurity and Information Warfare

India Boosts Telecom Cybersecurity with New Data Access Rules SHARE

23-Nov-24

The Indian government has introduced new telecom cybersecurity rules aimed at strengthening the security of communication networks. These regulations allow the Central government to access telecom traffic data (not message content) to enhance cybersecurity measures, requiring telecom entities to adopt comprehensive cybersecurity policies, appoint Chief Telecommunication Security Officers, and report incidents promptly. The rules mandate specific safeguards and risk assessments to prevent unauthorized access and misuse, reflecting a proactive approach to protecting India's digital infrastructure. Overall, these measures position India to better safeguard its telecommunications against potential cyber threats, ensuring national security and the integrity of communication services.

Indian Army to Recruit Cyber and Info Warfare Experts SHARE

23-Nov-24

The Indian Army is set to enhance its capabilities in cyber and information warfare by recruiting domain experts, reflecting the modern battlefield's technological evolution. Lt Gen Rakesh Kapoor emphasized the necessity for specialized personnel to tackle cyber threats and manipulate information

effectively. The recruitment will include officers with postgraduate qualifications and soldiers with relevant degrees, ensuring a skilled workforce to adapt to challenges highlighted by recent conflicts like the Russia-Ukraine war. Additionally, the Army aims to promote border tourism by improving local infrastructure, fostering both economic growth and cultural exchange in border areas, showcasing a holistic approach to national security and development.

Mil Personnel & Veterans

NCC Marks 76th Raising Day with Tribute to Heroes and Youth Empowerment Initiatives

[SHARE](#)

23-Nov-24

The National Cadet Corps (NCC) is celebrating its 76th Raising Day on November 24, 2024, with a focus on enhancing its strength to 20 lakh cadets. Defence Secretary Rajesh Kumar Singh paid homage to fallen heroes at the National War Memorial and highlighted the NCC's alignment with the Viksit Bharat Campaign, emphasizing youth empowerment. Activities include a pan-India blood donation drive, cultural events, and social initiatives such as tree planting and drug de-addiction campaigns. The NCC is also revamping its syllabus to build confidence and character in cadets, ensuring they are prepared to contribute positively to society in line with government initiatives.

Miscellaneous

India Ranks Among Top 10 Nations in AI Readiness, Report Reveals

[SHARE](#)

23-Nov-24

India ranks among the top ten countries globally in AI readiness, according to a Boston Consulting Group report, highlighting its strong potential for public sector transformation through AI. With the second-highest number of AI specialists and third in research publications, India's diverse economy stands to benefit significantly from AI applications across various sectors, including agriculture, healthcare, and public services. However, realizing this potential requires strategic investments in infrastructure, research, and workforce training, along with regulatory frameworks to ensure ethical adoption. Policymakers must act decisively to enhance India's resilience and competitiveness in the evolving AI landscape,

emphasizing public-private partnerships and education initiatives.

Trump 2.0: India Set to Enhance Global Supply Chain Role

[SHARE](#)

23-Nov-24

As Donald Trump returns as US President, India is poised to strengthen its role in global supply chains, particularly in technology sectors like AI and semiconductors, thanks to prior investments and the China+1 strategy. The potential for US corporate tax cuts could boost IT spending, benefiting Indian firms, especially in pharmaceuticals and defense as US-India collaboration may enhance under a stronger Indo-Pacific defense strategy. While Trump's protectionist policies could raise export costs and affect trade dynamics, they also present opportunities for India to capitalize on shifts in manufacturing away from China, positioning it strategically in the global market amidst intensifying geopolitical tensions.

Indian Army Marks 77 Years of Poonch's Historic Link-Up

[SHARE](#)

23-Nov-24

Approximately 5,000 veterans celebrated the 77th anniversary of Poonch's historic link-up with India, commemorating the Indian Army's successful siege conclusion in 1948. The event, marked by sports competitions and cultural performances, highlighted the enduring bond between the people of Poonch and the Army, as articulated by Lieutenant General Navin Sachdeva. He emphasized the importance of unity and resilience, praising veterans while showcasing local talent, including a visually impaired poet. This celebration not only honors the past but reinforces the Indian Army's commitment to the region, fostering community spirit and recognizing the shared legacy that continues to protect this vital border district.

Manipur CM Identifies Looters Targeting Leaders' Properties

[SHARE](#)

23-Nov-24

Manipur Chief Minister N Biren Singh announced the identification of suspects involved in the recent looting and vandalism of properties belonging to ministers and MLAs during protests, emphasizing that such acts are not part of any legitimate democratic movement. He condemned the violence, asserting that the central forces' actions prevented greater civilian casualties during a recent incident in Jiribam, where armed conflicts erupted. Singh urged citizens to refrain from activities leading to internet suspensions and criticized

political figures, like Congress's P Chidambaram, for advocating regional autonomy amidst ongoing ethnic violence. The state government remains committed to legal actions against those exploiting the situation for political gain while ensuring civilian safety.

Eight Bangladeshi Nationals Arrested in Tripura for Illegal Entry

SHARE

23-Nov-24

Eight Bangladeshi nationals were arrested in Tripura for illegally entering India, having crossed the international border in Gomati district. Detained by a joint team of the Border Security Force (BSF) and Government Railway Police (GRP) at Teliamura railway station, they were reportedly on their way to Hyderabad in search of work. The police uncovered that they spent the night in a jungle before arriving at the station by vehicle. This incident highlights the ongoing challenges of illegal immigration in northeastern India, emphasizing the need for enhanced border security and vigilance to maintain national integrity and security.

Bastar Set to be Maoist-Free Soon, Claims Chhattisgarh Minister

SHARE

23-Nov-24

Chhattisgarh Deputy Chief Minister Arun Sao announced that the Bastar region will soon be Maoist-free following a recent encounter where security forces eliminated ten Maoists in Sukma. The operation, praised for its success, involved a joint effort from the District Reserve Guard, which recovered significant weaponry including AK-47s. Chief Minister Vishnu Deo Sai reiterated the government's commitment to a zero-tolerance policy against Maoism, emphasizing peace, security, and development in the area. This proactive approach highlights the Indian government's determination to combat insurgency and restore stability in conflict-affected regions.

Air India to Launch Aircraft Maintenance Training Institute in Bengaluru

SHARE

23-Nov-24

Air India is establishing a Basic Maintenance Training Organization (BMTO) in Bengaluru to develop a skilled workforce of aircraft maintenance engineers, aligning with its fleet expansion under the Vihaan.AI transformation initiative. The program, certified by the DGCA, includes four years of integrated training, combining classroom and practical experience at a modern facility near a new MRO hub. This initiative underscores Air India's commitment to self-reliance in aviation and the enhancement of India's aviation

ecosystem, fostering innovation and collaboration. The establishment of the BMTO signifies a crucial step in meeting the growing maintenance needs of Air India's expanding fleet while contributing to the overall development of India's aviation capabilities.

Bhutan's PM Tshering Tobgay to Strengthen Ties During India Visit

SHARE

23-Nov-24

Bhutanese Prime Minister Tshering Tobgay is set to visit India from November 24-26, as announced by the Ministry of External Affairs. This three-day trip follows his March visit, marking his first foreign engagement after taking office in January. During his stay, Tobgay will participate in a program in New Delhi, emphasizing the strong diplomatic ties between Bhutan and India. This visit is significant in reinforcing bilateral relations, showcasing India's commitment to regional stability and cooperation, while also highlighting Bhutan's strategic alignment with India amidst evolving geopolitical dynamics in South Asia.

ISRO Explores Microgravity Research for Healthcare Innovations

SHARE

23-Nov-24

ISRO Chief Somanath emphasized India's potential in microgravity research, particularly for medical applications, during discussions with stakeholders. A memorandum of understanding between ISRO and the Department of Biotechnology aims to advance biotechnology research in space, supporting the Gaganyaan human spaceflight project. Somanath advocated for localized manufacturing in healthcare, similar to ISRO's 90% domestic sourcing for aerospace components, to enhance innovation and reduce costs. Proposed experiments include studying muscle loss prevention for astronauts and algae growth in microgravity, with significant implications for addressing health issues on Earth, such as age-related muscle loss. This initiative showcases India's commitment to leveraging space research for broader societal benefits.

ISRO's GSAT-N2: A Game Changer for Global Satellite Communication

SHARE

23-Nov-24

The Indian Space Research Organisation's (ISRO) GSAT-N2 satellite, launched by SpaceX, is poised to transform global satellite communication. Despite the LVM-3 launch vehicle's capability to place satellites weighing up to 4,000 kg, GSAT-N2, weighing 4,700 kg, breaks this barrier with advanced technology that promises to

enhance digital connectivity worldwide. This arena. Overall, GSAT-N2 represents a pivotal development underscores India's growing prowess in advancement that could redefine access to digital space technology and satellite communications, content, reflecting India's strategic focus on enhancing positioning ISRO as a significant player in the global its technological capabilities and global influence.

Disclaimer: This newsletter provides an independent analysis of news articles and reports published across various media outlets over the past 24 hours. The views and opinions expressed herein are those of the individual authors and do not necessarily reflect the official stance of the publishers or any affiliated organizations. The publishers are not responsible for the accuracy, completeness, or reliability of the content analyzed and make no representations regarding the information contained herein. Readers are encouraged to consult original sources for verification and further context; access to the list of original sources analysed can be made available upon request via email.

Subscribe to DefenceProfessionals Whatsapp Channel



Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
NIBE	1597.0	1672.95	1580.0	1672.95	21696	5.0	44.25	1734.06	1684.89
HBLPOWER	541.0	569.8	538.4	560.55	1496869	4.19	49.74	549.62	548.28
HIGHENE	567.0	608.8	567.0	600.25	7237	3.85	43.87	614.69	709.59
LT	3500.0	3613.5	3473.1	3603.5	2534018	3.44	54.41	3533.94	3575.57
HAL	3992.0	4127.1	3988.1	4111.35	1404647	3.21	42.42	4216.14	4267.29
BEML	3735.45	3832.0	3705.0	3815.15	206873	2.52	46.43	3928.19	3832.67
PARAS	956.95	1001.75	954.25	976.9	226015	2.4	44.89	996.24	993.56
ADANIENT	2101.0	2289.7	2025.0	2228.0	20939196	2.03	21.92	2813.22	3090.04
BEL	276.0	283.5	275.5	280.85	13268900	1.96	46.76	284.78	265.21
PTC	161.52	165.74	161.05	164.29	1026220	1.87	34.98	176.06	205.6
BHARATFORG	1299.0	1326.7	1296.35	1316.15	325496	1.54	35.44	1384.91	1432.85
DCXINDIA	314.9	323.0	314.9	320.5	244056	0.96	47.89	326.63	333.71
BDL	928.0	941.7	917.0	935.4	491353	0.92	33.21	1027.24	1171.33
PREMEXPLN	402.25	424.0	402.25	413.65	129281	0.68	35.39	446.21	498.78
SOLARINDS	9973.5	10121.0	9924.15	10036.95	38815	0.64	44.0	10141.0	9650.74
AVANTEL	147.0	148.06	144.55	146.75	454602	0.48	29.78	162.25	-
TANEJAERO	404.0	415.0	398.0	405.0	12108	0.45	39.3	412.94	490.62
COCHINSHIP	1290.0	1311.0	1265.0	1299.3	348717	0.3	33.84	1410.54	1626.19
MIDHANI	310.55	315.7	308.2	311.4	258951	0.27	35.3	326.26	417.91
ASTRAMICRO	755.7	755.7	742.0	748.75	82032	0.25	42.67	765.88	782.1
MARINE	227.0	230.99	224.0	225.07	152338	0.24	50.44	219.55	172.68
IDEAFORGE	567.3	573.7	560.05	567.85	113988	-0.04	37.88	587.76	709.15
SIKA	2451.05	2495.0	2400.0	2440.0	822	-0.14	42.41	2498.24	2376.5
MAZDOCK	4007.0	4045.0	3951.2	3992.45	754122	-0.35	44.28	4075.07	3522.5
GRSE	1391.9	1398.0	1371.0	1375.3	336103	-0.46	33.08	1503.95	1477.67
LOKESHMACH	350.95	350.95	340.05	346.8	65195	-0.49	45.88	356.52	390.22
DATAPATNS	2323.0	2333.75	2265.05	2283.0	138354	-0.7	47.21	2291.53	2680.18
APOLLO	92.19	92.9	90.75	91.49	1479256	-0.76	34.09	98.24	108.25
MTARTECH	1755.25	1761.95	1729.55	1744.05	133442	-0.82	59.71	1624.68	1818.62
ZENTEC	1798.9	1798.9	1755.0	1763.4	136190	-1.04	47.03	1797.03	1316.38
AZAD	1598.9	1623.35	1568.55	1578.15	134535	-1.05	53.1	1548.29	1469.65
CFF	607.0	608.0	600.0	600.55	10800	-1.2	47.48	608.41	595.46
TEMBO	0.0	715.25	715.25	715.25	35089	-2.11	82.81	555.48	311.91
KRISHNADEF	0.0	652.6	652.6	652.6	4250	-7.33	42.95	681.62	591.08
ROSSELLIND	0.0	77.5	75.99	76.0	13183	-20.27	23.93	91.07	426.68