



# Defence Professionals News & Analysis

December 09, 2024 | Day 344

## Top Gainers

Stock	Close	Prev	Change
MARINE	303.75	276.2	+9.97%
SIKA	2729.85	2547.45	+7.16%
NIBE	1914.5	1823.35	+5.0%
KRISHNADEF	718.65	684.45	+5.0%
TEMBO	730.7	695.95	+4.99%

## Top Losers

Stock	Close	Prev	Change
AVANTEL	166.19	171.44	-3.06%
ROSSELLIND	90.31	92.61	-2.48%
DCXINDIA	329.65	336.35	-1.99%
GRSE	1754.85	1780.25	-1.43%
PTC	178.14	180.58	-1.35%

## Defense Business and Industry

### INS Tushil: A Cutting-Edge Frigate Enhancing India-Russia Ties



09-Dec-24

Indian Defence Minister Rajnath Singh commissioned the INS Tushil, a state-of-the-art stealth-guided missile frigate, at the Yantra Shipyards in Kaliningrad, Russia, marking a significant milestone in India-Russia defence collaboration. INS Tushil, an upgraded Krivak-III class frigate under Project 1135.6, is a blend of advanced Russian and Indian technologies, boasting 26% indigenous content, with systems from major Indian firms like BrahMos Aerospace and Bharat Electronics. This frigate measures 125 meters in length, weighs approximately 3,900 tons, and has undergone extensive trials validating its operational capabilities. The ship is powered by an advanced gas turbine propulsion plant with state-of-the-art controls and is capable of achieving speeds in excess of 30 knots. High degree of automation and stealth features further enhance its combat capability and survivability. The ship is commanded by Captain Peter Varghese a gunnery and missile specialist. Its commissioning enhances the Indian Navy's operational prowess in the Indian Ocean, particularly in light of increasing maritime activities from China. During his visit to Russia, Singh also discussed strengthening military cooperation and shared interests in emerging technologies with his Russian counterpart, reinforcing the long-standing strategic partnership between the two nations. The successful commissioning of INS Tushil exemplifies the collaborative strengths of Indian and Russian industries in modern warfare capabilities.

### SSS Defence's Vivek Krishnan Unveils India's First Private Sniper School



09-Dec-24

SSS Defence, India's first private manufacturer of sniper rifles, is set to establish a comprehensive sniper school to enhance India's sniping capabilities. CEO Vivek Krishnan highlighted the significance of their indigenous expertise in metallurgy and manufacturing, contributing to successful products like the Viper and Saber sniper rifles. The school aims to bridge training gaps, focusing on skills, tactics, and the unique challenges posed by India's diverse terrains. By fostering homegrown talent and integrating weapon design with training, SSS Defence seeks to elevate India's standing in global precision weaponry and prepare skilled snipers for contemporary security challenges. This initiative underscores the strategic importance of snipers in modern warfare.

### IAF's Heron MK-2 Drones Showcase Enhanced Surveillance in North



09-Dec-24

The Indian Air Force (IAF) has successfully integrated the Heron MK-2 drones, demonstrating advanced cruise capabilities during operations in the northern sector. Capable of flying at altitudes up to 35,000 feet and with an endurance of over 40 hours, these UAVs enhance the IAF's surveillance and intelligence-gathering capabilities in challenging terrain. The Heron MK-2's 500 kg payload allows for advanced sensors and multiple simultaneous missions, strengthening the IAF's strategic operations against potential threats along disputed borders. Its high operational ceiling keeps it safe from many ground threats, making it a vital asset for real-time intelligence and reconnaissance missions.

## ManastuSpace Unveils Eco-Friendly Propulsion Tech for DRDO SHARE

09-Dec-24

Mumbai-based startup ManastuSpace has successfully transferred its indigenous Green Propulsion System technology to the Defence Research and Development Organisation (DRDO). This innovative system boasts a 275-second impulse, surpassing traditional hydrazine-based systems by 25%, while being 40 times less toxic and 60% cheaper. The technology promises enhanced efficiency and safety for both commercial and defense satellite operations, with a projected lifespan of up to five years in orbit. By bridging the gap between electric and chemical propulsion systems, ManastuSpace's solution exemplifies India's commitment to sustainable and cost-effective advancements in aerospace technology, strengthening the nation's defense capabilities and contributing to a greener future.

## Indian Navy Chooses Elcome for Advanced Aircraft Carrier Lighting SHARE

09-Dec-24

Elcome Integrated Systems Pvt. Ltd. has been selected by the Indian Navy under the iDEX initiative to develop the Advanced Flight Control (AFC) Deck Lighting System for aircraft carriers. This project aims to enhance the modernization and indigenization of critical naval systems, ensuring safe and effective aircraft operations, especially during nighttime. The AFC system will utilize energy-efficient LED technology, feature a modular design for easy maintenance, and integrate advanced control systems for improved operational efficiency. This initiative underscores India's commitment to advancing its defense capabilities, bolstering mission readiness, and supporting the strategic objectives of the Indian Navy in a rapidly evolving maritime landscape.

## Indian Army Collaborates with Private Sector to Extend SMERCH Ammo Life SHARE

09-Dec-24

The Indian Army is enhancing the service life of its SMERCH ammunition by collaborating with private Indian vendors, part of its broader strategy to maintain operational readiness and independence in defense capabilities. This life extension program aims to refurbish and upgrade existing ammunition variants, potentially doubling their service life and ensuring reliability in combat. While this initiative supports immediate artillery capabilities, the Army is also developing the advanced Pinaka Guided Rocket System

for future long-range precision strikes, showcasing a dual approach of sustaining current systems while innovating for the future. This reflects India's commitment to self-reliance and strengthening its domestic defense industry.

## GRSE Delivers Jaldoot USV to NSTL, Advancing Indigenous Tech SHARE

09-Dec-24

Garden Reach Shipbuilders & Engineers (GRSE) has successfully handed over the Jaldoot Unmanned Surface Vessel (USV) to the Naval Science and Technological Laboratory (NSTL), marking a significant advancement in India's indigenous autonomous maritime technology. The Jaldoot, developed collaboratively by GRSE and NSTL, showcases advanced capabilities for survey and communication missions, featuring autonomous functions like waypoint navigation and sensor integration for enhanced reconnaissance. This delivery underscores India's commitment to bolstering its defense capabilities through indigenous innovation and highlights the crucial role of local startups in advancing defense technology, reflecting a robust ecosystem that nurtures homegrown talent and expertise.

## Indian Army Enhances BMP-2s with Air Burst Ammo to Tackle Drones SHARE

09-Dec-24

The Indian Army is enhancing its BMP-2 infantry fighting vehicles by procuring air burst ammunition for their 30mm cannons, aimed at countering the rising threat of drones in combat. This new ammunition will allow for mid-air detonation, creating lethal fragmentation patterns to effectively neutralize fast-moving aerial targets, unlike traditional rounds. The initiative aligns with India's "Make in India" campaign, encouraging domestic production and integration of the new systems, which will be adaptable across diverse terrains. This modernization underscores the Army's proactive approach in addressing evolving warfare tactics and reinforces India's commitment to strengthening its defense capabilities.

## Indian Navy Boosts Rafale M's Anti-Ship Range with Local Missiles SHARE

09-Dec-24

The Indian Navy is enhancing the anti-ship capabilities of its Rafale M fleet by integrating indigenous missile systems alongside the French Exocet missile, which has a limited range of 70 kilometers. The Navy is considering the BrahMos-NG, which boasts a 290-

kilometer range and Mach 3.5 speed, and the NASM-MR, designed for naval use, both of which significantly outperform the Exocet. These additions will allow the Rafale M to engage enemy vessels from safer distances, improving operational effectiveness in modern naval warfare. By incorporating these indigenous solutions, the Indian Navy aims to bolster its strike capabilities against sophisticated naval threats.

## AMCA Fighter Jet to Feature Advanced Concealed Countermeasures



09-Dec-24

India's Advanced Medium Combat Aircraft (AMCA) program is incorporating advanced concealed countermeasure systems aimed at enhancing survivability in contested airspace. These systems include chaff countermeasure flares and radio frequency countermeasures (RFCM), critical for countering missile threats. The AMCA's design prioritizes low observability, with towed decoy doors that maintain a minimal radar cross-section during combat. The RFCM system effectively jams RF-guided missiles, ensuring operational effectiveness in environments with advanced air defenses. This strategic focus on countermeasures aligns with India's commitment to developing cutting-edge military capabilities, positioning the AMCA as a formidable contender in modern aerial warfare.

## Indian Navy Pursues Autonomous Submarines for Coastal Defense



09-Dec-24

The Indian Navy is advancing its modernization efforts by exploring the acquisition of a new class of 100-ton autonomous submarine vessels designed to enhance coastal defense and surveillance capabilities, particularly in shallow waters. These unmanned vessels will bolster India's maritime security by complementing the existing fleet and providing advanced combat technologies, including mine clearance and surveillance systems. Additionally, the DRDO's Guided Pinaka Missile System is gaining global interest due to its robust and cost-effective capabilities. This strategic push reflects India's commitment to enhancing its defense preparedness and situational awareness in critical maritime zones, reinforcing the need to address both conventional and asymmetric threats effectively.

## India's Space Warfare Drills Boost Protection of Space Assets



09-Dec-24

India's recent space warfare drills showcased its commitment to safeguarding space assets against emerging threats like jamming and anti-satellite capabilities. The exercises involved collaboration among the Indian military branches and agencies, emphasizing the integration of military and civilian space capabilities. Chief of Defence Staff General Anil Chauhan noted space's critical role in national security, aligning with India's strategic objective to establish a dedicated Space Force, akin to military commands in the US, China, and Russia. This initiative is pivotal for enhancing India's military readiness and adapting to a contested space environment, reinforcing its ability to protect vital space assets against diverse threats.

## Indian Navy's First Nuclear Submarine Base to Launch by 2026



09-Dec-24

The Indian Navy is set to enhance its underwater capabilities significantly, with its first nuclear submarine base expected to be operational by 2026. Admiral Dinesh Tripathi announced that the first indigenously-built nuclear-powered attack submarine will be ready by 2036, while a second is anticipated within two years. The commissioning of INS Arighat, India's second ballistic missile submarine, and the establishment of a Very Low Frequency communication station further bolster operational readiness and strategic deterrence against regional adversaries like China and Pakistan. Additionally, the Navy is nearing contracts for three more Scorpene-class submarines, reflecting a robust commitment to self-reliance and indigenous defense development.

## Next-Gen Upgrades for Super Sukhois: ASTRA-3 & RudraM-II



09-Dec-24

The Indian Defence Research & Development Organisation (DRDO) has successfully flight-tested the RudraM-II air-to-surface missile from the Su-30MKI, marking a significant advancement in India's indigenous missile technology. The Super Sukhoi program aims to upgrade 84 Su-30MKIs over 15 years with advanced avionics, including AESA radar and electronic warfare systems, while integrating longer-range weapons like the Astra-3 missile, which boasts a reach of 350 km. These upgrades are crucial for enhancing the Indian Air Force's capabilities amid regional tensions, affirming India's commitment to self-reliance in defense

manufacturing and ensuring the Su-30MKI's operational relevance until at least 2055.

## Defense Policy and Budgeting

### India to bolster border security with new anti-drone unit SHARE

09-Dec-24

Union Home Minister Amit Shah announced the establishment of a comprehensive anti-drone unit to enhance India's border security amid rising threats from unmanned aerial vehicles, especially along the India-Pakistan border. The initiative follows significant improvements in drone detection and neutralization, with over 260 drones intercepted this year. The government is also advancing the Comprehensive Integrated Border Management System and the Vibrant Village Programme to bolster infrastructure and support border populations, with substantial budget allocations. Additionally, new personnel recruitment for the Border Security Force aims to strengthen operational capabilities, reflecting India's commitment to safeguarding its borders in an evolving security landscape.

### EU Defense Chief Urges Swift Action for Billions in Military Spending SHARE

09-Dec-24

The European Union's new defense chief, Andrius Kubilius, emphasized the urgent need for Europe to secure hundreds of billions of euros for military spending within the year to counter potential Russian aggression, as intelligence suggests threats may escalate by 2030. He advocates for a substantial increase in defense procurement, proposing innovative funding methods like EU defense bonds and leveraging existing financial mechanisms. While there is consensus on the need for increased defense investment, finding agreement among member states on funding sources remains challenging. Kubilius aims to enhance NATO capabilities and reduce fragmentation in Europe's defense landscape, underscoring the pressing necessity for unified action in light of evolving geopolitical dynamics.

## Geopolitics and Security Alliances

### Taiwan Boosts Military Readiness Amid Surge in Chinese Naval Forces SHARE

09-Dec-24

Taiwan has heightened its military readiness following a significant increase in Chinese naval activity near the island, with reports indicating that China has nearly doubled its warships in the vicinity. In response to Taiwanese President Lai Ching-te's recent Pacific tour, which included stops in Hawaii and Guam, China reaffirmed its claim over Taiwan, insisting it is an "inalienable" part of its territory and vowed to defend its sovereignty. The People's Liberation Army (PLA) has also designated airspace for military exercises, prompting Taiwan to initiate its own combat readiness drills. This escalating military tension underscores the complex geopolitical conflict between Taiwan and China, highlighting Taiwan's quest for independent defense amidst increasing Chinese assertiveness and regional instability, while maintaining support from the U.S. for its defense capabilities.

### OCCRP's Biased Claims Threaten India's Rafale Deal and US Credibility SHARE

09-Dec-24

Recent allegations linking the Organized Crime and Corruption Reporting Project (OCCRP) to U.S. interests have raised concerns about foreign influence on India's defense procurement, specifically regarding the Rafale deal and the ongoing Multi-Role Fighter Aircraft (MRFA) tender. Despite the Rafale deal's transparent nature, it faced accusations led by OCCRP-affiliated journalists, which were dismissed by the Supreme Court. With American companies vying for the MRFA contract, these revelations could undermine their credibility in India. It's crucial for India to ensure that defense procurement is driven by strategic merit, preserving its autonomy amid global partnerships while advancing its airpower modernization efforts.

### Congress Seeks Clarity on China Disengagement and Ladakh Rights SHARE

09-Dec-24

India and China have reportedly completed disengagement at key friction points, Depsang and Demchok, aiming to restore the Line of Actual Control (LAC) to its pre-April 2020 status. While Congress has

raised concerns about the details of the agreement, including grazing rights for local herders and access to traditional patrol points, External Affairs Minister S Jaishankar emphasized that India's ties with China hinge on respect for the LAC's sanctity. Congress accused the Modi government of inadequately representing national interests and questioned whether a new status quo has been accepted. However, the government's commitment to national security and a step-by-step disengagement process demonstrates a strategic approach to stabilizing relations with China, while addressing local livelihood concerns and ensuring compliance with agreed terms. This balance reflects India's cautious yet firm stance amid a complex geopolitical landscape.

## Syria's Chemical Weapons: Ongoing Concerns and Global Implications

SHARE

09-Dec-24

The OPCW continues to express serious concerns over Syria's undeclared chemical weapons stockpiles amid ongoing instability following President Assad's overthrow by Islamist rebels. Despite efforts since 2013, the complete assessment of Syria's chemical arsenal remains unresolved, with only seven out of 26 queries answered. Israel has conducted airstrikes to prevent these weapons from falling into extremist hands, while the US maintains vigilance over their location. The situation underscores the global challenge of securing chemical weapons, particularly given the potential for them to be misused by non-state actors in a volatile region, highlighting the crucial need for international cooperation and oversight.

## BSF Clears Air on BGB's Alleged Border Intrusion in Assam

SHARE

09-Dec-24

A senior BSF official has refuted claims that Border Guard Bangladesh (BGB) personnel intruded into Indian territory in Assam to obstruct temple construction, clarifying that no such incident occurred. The confusion stemmed from a temporary construction screen near the border, which the BGB mistakenly associated with ongoing defense activities. Upon verification, the BSF assured that the screen was solely for temple repairs, leading the BGB to acknowledge the absence of any interruptions to the work. This incident underscores the importance of clear communication and cooperation between India and Bangladesh to maintain peace and prevent misunderstandings at the border.

## Hezbollah Alarmed by Major Shift in Syria's Geopolitical Landscape

SHARE

09-Dec-24

Hezbollah perceives a "major, dangerous and new transformation" in Syria following the ousting of Bashar al-Assad, a significant ally whose regime facilitated Iranian arms supply to Hezbollah. The recent seizure of Damascus by Sunni Islamist groups, particularly Hayat Tahrir al-Sham, has raised alarms for Hezbollah, which has recently redeployed its fighters back to Lebanon amid escalating hostilities with Israel. This geopolitical shift threatens Hezbollah's operational stability and its influence in the region. The changing dynamics emphasize the fragility of alliances in the Middle East, where the balance of power can rapidly shift, impacting Hezbollah's strategic calculations and Iran's regional ambitions.

## ICG and Philippine Coast Guard deepen cooperation in New Delhi

SHARE

09-Dec-24

The Indian Coast Guard (ICG) held its second bilateral meeting with the Philippine Coast Guard (PCG) on December 9, 2024, in New Delhi, aiming to strengthen cooperation under their MoU signed in August 2023. Discussions focused on enhancing Maritime Search and Rescue operations, law enforcement against transnational crimes, marine pollution response, and capacity building. A high-level PCG delegation also visited to explore India's indigenous shipbuilding capabilities under the Aatmanirbhar Bharat initiative. This collaboration underscores a shared commitment to ensuring maritime security and environmental protection in the Indo-Pacific region, thereby contributing to regional stability and addressing maritime challenges effectively.

## Biden Calls for Collaboration to Shape Syria's Future Post-Assad

SHARE

09-Dec-24

U.S. President Joe Biden announced plans to collaborate with partners in Syria following the recent overthrow of President Bashar al-Assad, who reportedly fled to Moscow. Biden emphasized the significance of this moment for Syria, highlighting the decline of Assad's key supporters—Russia, Iran, and Hezbollah—while warning of the accompanying risks. He stated that U.S. forces conducted precision strikes against ISIS in Syria, asserting the need to hold Assad accountable. Additionally, President-elect Donald Trump remarked that Russia's withdrawal of support led to Assad's downfall, criticizing Moscow's failure to

safeguard him. This transition period presents both opportunities and uncertainties for Syria's future.

## U.S. Launches Nearly \$1 Billion Defense Aid Package for Ukraine [SHARE](#)

09-Dec-24

The U.S. has announced a new nearly \$1 billion aid package for Ukraine, aimed at bolstering its defense against Russian aggression by purchasing ammunition for HIMARS and drones. This package is part of the broader Ukraine Security Assistance Initiative, with over \$62 billion committed since the invasion began. Additionally, discussions among advisors to President-elect Donald Trump suggest a potential shift in strategy, proposing negotiations that could involve concessions to Russia and a halt in military aid. This situation highlights the complexity of U.S. foreign policy, balancing ongoing support for Ukraine with emerging calls for diplomatic solutions.

## Ukraine Sees Assad's Fall as Evidence of Russia's Weakness [SHARE](#)

09-Dec-24

The recent fall of Syrian President Bashar al-Assad has been interpreted by Ukraine as a sign of Russia's military weakness, exacerbated by its ongoing invasion of Ukraine, which has drained resources. Ukrainian officials argue that Russia's inability to maintain its influence in Syria indicates a failure to fight on two fronts, with reports of Russian naval forces withdrawing from the Tartous base, crucial for Moscow's operations in the Mediterranean. Western military analysts assert that losing Tartous would severely impair Russia's power projection capabilities in the Middle East and Africa. This situation highlights the vulnerabilities of the Russian military and the strategic consequences for its geopolitical ambitions.

## Russia Remains Silent on Future of Military Bases in Syria [SHARE](#)

09-Dec-24

Russia has confirmed that former Syrian President Bashar al-Assad has resigned and left the country, following a declaration by Islamist rebels claiming control of Damascus. The Kremlin remains non-committal about the future of its military presence in Syria, despite the strategic importance of its Hmeimim air base and Tartous naval facility. While the Russian Foreign Ministry reported that the bases are on high alert, it downplayed immediate threats to their security. The situation highlights the precariousness of Russia's position in the region, as losing these bases would

significantly diminish its ability to project power in the Middle East and beyond, raising concerns among Western military analysts.

## India Condemns Attacks on Minorities in Bangladesh, Calls for Action [SHARE](#)

09-Dec-24

On December 3, 2024, violent attacks on Hindu homes and businesses in Sunamganj, Bangladesh, prompted India to condemn the actions as "deplorable," urging the Bangladeshi government to protect minorities, especially during religious festivals. The Bangladesh Hindu Buddhist Christian Unity Council called for strict action against the attackers amid rising political instability linked to recent arrests of Hindu leaders. The diplomatic fallout includes Bangladesh summoning India's High Commissioner over vandalism at its missions, while India expressed regret over such incidents. This situation underscores the need for safeguarding minority rights and maintaining regional stability amidst rising tensions.

### Military Operations

## Four Israeli Soldiers Killed in Southern Lebanon Amid Tensions [SHARE](#)

09-Dec-24

The Israeli military announced that four soldiers were killed in southern Lebanon, marking the first fatalities since a ceasefire with Hezbollah began nearly two weeks ago. The conflict has resulted in a total of 56 Israeli soldier deaths since a ground offensive commenced in late September. Despite the ceasefire, Israeli forces continue to target Hezbollah positions, citing breaches of the agreement. Amid ongoing tensions and a history of cross-border strikes, the situation highlights the fragile security dynamics in the region, with Israel striving to protect its northern border while adhering to international resolutions aimed at stabilizing southern Lebanon.

### Terrorism and Counterterrorism

## Indian Security Forces Capture Weapons in Manipur Districts [SHARE](#)

09-Dec-24

In a series of successful joint operations, the Indian Army, Assam Rifles, and Manipur Police seized 14

weapons, including rifles and pistols, along with ammunition in Churachandpur, Kangpokpi, and Thoubal districts of Manipur. These operations, conducted based on specific intelligence, underscore the effective collaboration among security forces to enhance regional security. Additionally, India is establishing a dedicated anti-drone unit to address rising threats along the Pakistan-Bangladesh border, highlighting the government's proactive approach to counter security challenges. Such measures reflect India's commitment to ensuring national safety and stability in sensitive areas, further reinforcing its defense capabilities amidst regional tensions.

### Three die in homemade bomb explosion in Murshidabad, Bengal

SHARE

09-Dec-24

Three individuals were killed in an explosion of homemade bombs in the Khayartala area of West Bengal's Murshidabad district. The deceased, identified as Mamun Mollah, Sakirul Sarkar, and Mustaqin Sheikh, were reportedly involved in the illegal manufacture of these bombs at Mollah's residence, leading to the tragic incident. The explosion not only claimed lives but also caused significant damage, collapsing the roof of the house and generating widespread panic among locals. Police have cordoned off the area and initiated an investigation, highlighting ongoing concerns regarding illegal bomb-making activities in the region, which pose a serious threat to public safety and security.

### IED Neutralized by Security Forces on Srinagar-Baramulla Highway

SHARE

09-Dec-24

Security forces successfully detected and defused a suspected improvised explosive device (IED) on the Srinagar-Baramulla highway in Kashmir, specifically at Palhallan in the Pattan area of Baramulla district. A joint patrol by police and army personnel discovered the suspicious object, prompting the swift response of a bomb disposal squad that secured the area and safely transported the device to an isolated location for neutralization. This incident underscores the persistent threat of terrorism in the region and the proactive measures undertaken by Indian security forces to safeguard civilian lives and maintain stability in Jammu and Kashmir. Their vigilance is critical in countering attempts to disrupt peace and security in the area.

### BSF Foils Smugglers with Drone and Heroin Seizure at Amritsar

SHARE

09-Dec-24

The BSF has successfully recovered a DJI Mavic 3 Classic drone and 580 grams of suspected heroin near Amritsar, highlighting ongoing attempts by smugglers to exploit the region's conditions for drug trafficking. The drone was likely brought down due to technical countermeasures, demonstrating the effectiveness of BSF's border security measures. Recent intelligence-led operations have resulted in significant drug seizures, reinforcing the BSF's proactive role in countering narcotics smuggling. This incident underscores the critical importance of vigilance and advanced technological capabilities in maintaining national security along India's borders, especially in combating cross-border drug trafficking.

## Cybersecurity and Information Warfare

### Delhi Police Arrest Trafficker Linked to Chinese Cyber Fraud

SHARE

09-Dec-24

Delhi Police arrested Kamran Haider in Hyderabad for trafficking Indian youth to work in Chinese cyber fraud operations in Laos, following a 2,500-kilometre pursuit. Haider, a key conspirator along with four others, targeted vulnerable individuals under the guise of job placements through a fake consultancy. This operation highlights India's ongoing battle against cybercrime and human trafficking. In a related note, India is considering a customized two-seater variant of Russia's Su-57 stealth fighter, indicating a strategic push towards self-reliance in defense production while strengthening ties with Russia amid global geopolitical shifts. These developments underscore India's proactive measures in maintaining security and enhancing its defense capabilities.

## Mil Personnel & Veterans

### Supreme Court grants permanent commission to overlooked woman officer

SHARE

09-Dec-24

The Supreme Court of India has granted a permanent commission to a woman Army officer, a Lieutenant Colonel in the Army Dental Corps, who was previously

excluded from similar benefits due to administrative oversight. The court highlighted the principle of equity, stating that similarly situated individuals should receive equal consideration, regardless of their participation in prior litigations. The bench noted her commendable service record and directed that she be granted benefits retroactively, addressing issues of discrimination. This ruling not only reinforces gender equity within the armed forces but also emphasizes the importance of fair treatment for all personnel, reflecting progressive changes in the Indian military's approach to gender issues.

## IAF Partners with Chitkara University for VR Training for Agniveers SHARE

09-Dec-24

The Indian Air Force (IAF) has collaborated with Chitkara University to develop an advanced Virtual Reality (VR) training system aimed at training Agniveers in aircraft refuelling processes. This innovative approach significantly modernizes military training by providing a realistic virtual environment that enhances learning efficiency and reduces training time without the logistical constraints of using physical aircraft. The project exemplifies the IAF's commitment to integrating cutting-edge technology into its training programs, ensuring that personnel can acquire practical skills rapidly and safely, paving the way for similar developments across various military disciplines. This initiative underscores the IAF's proactive approach to maintaining operational readiness and optimizing resources.

## Jaipur's Honour Run Celebrates Veterans and Promotes Fitness SHARE

09-Dec-24

The South Western Command of the Indian Army organized an Honour Run in Jaipur to honor veterans, featuring various race distances and participation from notable personalities such as Colonel Rajyavardhan Singh Rathore and Lieutenant General Manjinder Singh. The event attracted a diverse group, including veterans, NCC cadets, and para-athletes, emphasizing the importance of fitness as highlighted by Prime Minister Modi's Fit India mission. Prizes worth Rs 30 lakh were awarded to winners, reinforcing the commitment to promote fitness and recognize the sacrifices of soldiers. This initiative fosters a sense of community and respect for the armed forces, vital for national security and morale.

## Miscellaneous

### Foreign Secretary Misri Voices India's Concerns for Bangladesh's Minorities SHARE

09-Dec-24

Foreign Secretary Vikram Misri's recent visit to Dhaka focused on addressing India's concerns regarding the safety of minorities in Bangladesh amidst rising violence, particularly against Hindus. During discussions with Bangladeshi officials, Misri highlighted incidents of vandalism and the troubling arrest of Hindu monk Chinmoy Krishna Das. This visit marks the first high-level engagement with the new interim government led by Muhammad Yunus, aiming to bolster bilateral ties through the Foreign Office Consultation (FOC) mechanism. Misri's emphasis on the need for a constructive relationship reflects India's commitment to ensuring the protection of minority rights in Bangladesh, signaling a proactive diplomatic approach in light of deteriorating conditions.

### Navy to Equip Gaganyaan Astronauts with Water Survival Skills SHARE

09-Dec-24

The Indian Navy is set to train the astronauts for India's Gaganyaan mission on water survival techniques at the Water Survival Training Facility in Kochi. As the Navy ensures safe recovery of the crew module from the Indian Ocean post-mission, it has developed a comprehensive training program emphasizing survival in challenging sea conditions. This initiative showcases the collaborative efforts of ISRO and the Navy, enhancing India's capabilities in human spaceflight. Furthermore, the Gaganyaan mission will have astronauts lying down during launch to mitigate G-forces, illustrating India's commitment to astronaut safety and innovative space exploration.

### Skyroot Aerospace Finalizes Vikram-1's Carbon Structures for Launch SHARE

09-Dec-24

Skyroot Aerospace, India's leading private space exploration firm, has completed the carbon composite structures for its Vikram-1 rocket, readying it for mission-critical operations. This development at the MAX-Q Campus underscores the company's commitment to enhancing India's space capabilities through advanced engineering and innovative

technology, such as solid propulsion systems and 3D-printed components. The Vikram-1, scheduled for its maiden flight in 2025, aims to provide reliable and cost-effective access to space, showcasing the potential of private players in contributing to India's burgeoning space ambitions. This progress not only highlights Skyroot's technical expertise but also strengthens India's position in the global aerospace sector.

## BNP Protests Agartala Consulate Breach, Calls for Dialogue



09-Dec-24

The Bangladesh Nationalist Party (BNP) protested in Dhaka over the alleged vandalism at its consulate in Agartala, India, describing the incident as a grave concern. The protest followed the breach by individuals reacting to the arrest of a Hindu monk, which India expressed regret over. BNP leaders emphasized their commitment to patience and stability while condemning the desecration of their national flag. Additionally, they called for the boycott of Indian goods and the extradition of deposed premier Sheikh Hasina. This incident reflects underlying tensions and the need for diplomatic dialogue to maintain stability in India-Bangladesh relations, highlighting India's importance as a regional partner.

## ISRO's ASTROSAT Discovers Unique Nuclear Explosions in Andromeda



09-Dec-24

ISRO's ASTROSAT has made significant strides in astrophysics by capturing ultraviolet emissions from 42

novae in the Andromeda Galaxy, including four during their explosive outbursts. This breakthrough, led by Judhajeet Basu from the Indian Institute of Astrophysics, highlights the unique capabilities of the Ultraviolet Imaging Telescope (UVIT) in observing intricate processes around white dwarfs. The findings underscore the role of novae in enriching galaxies with new elements and the necessity for future ultraviolet and X-ray missions to deepen our understanding of these cosmic phenomena. This achievement showcases India's growing prominence in space research and its contributions to global astrophysical studies.

## South Korea's President Yoon Faces Travel Ban Amid Protest Backlash



09-Dec-24

South Korea's President Yoon Suk Yeol faces a travel ban as prosecutors investigate his martial law declaration, which sparked widespread protests and calls for his resignation. Despite an impeachment attempt by opposition parties failing due to abstentions, tensions remain high with accusations of unconstitutional behavior against Yoon's administration. Prime Minister Han Duck-soo is managing affairs while Yoon, who expressed regret over his decision, plans to accept responsibility. This political turmoil highlights the fragile nature of governance in South Korea and raises concerns about the adherence to democratic processes amid calls for accountability.

---

*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
MARINE	281.75	303.8	279.0	303.75	3840020	9.97	75.03	245.96	181.1
SIKA	2525.0	2827.9	2500.0	2729.85	18815	7.16	70.04	2505.63	2433.46
NIBE	1870.0	1914.5	1862.0	1914.5	112901	5.0	64.69	1718.61	1717.35
KRISHNADEF	701.0	718.65	696.0	718.65	102000	5.0	63.65	667.65	624.52
TEMBO	725.0	730.7	709.9	730.7	165874	4.99	88.04	543.72	309.78
IDEAFORGE	614.0	642.0	610.55	634.45	433982	4.91	63.47	588.68	701.8
PREMEXPLN	468.6	515.45	468.6	489.8	384821	4.52	58.6	450.03	508.64
ZENTEC	1928.35	2014.85	1903.5	1997.6	931469	4.44	64.65	1830.29	1374.16
MIDHANI	379.8	396.8	378.5	392.85	802212	3.44	72.83	338.76	412.41
HIGHENE	668.0	688.0	660.0	677.95	8695	3.42	66.09	610.16	711.4
LT	3867.5	3959.0	3867.5	3947.3	3332753	2.08	71.94	3678.07	3598.86
DATAPATNS	2595.0	2669.0	2576.15	2650.15	160633	1.95	65.15	2390.42	2714.78
SOLARINDS	10800.0	11076.05	10730.05	10962.9	141022	1.43	60.45	10307.13	9858.88
HAL	4561.0	4646.95	4551.0	4618.95	1524379	1.3	65.48	4341.84	4350.61
LMW	16490.0	16775.85	16490.0	16731.75	2064	1.0	60.6	15916.89	15979.51
AZAD	1762.65	1819.95	1757.35	1776.55	199133	0.99	64.43	1680.76	1511.33
BEML	4364.5	4436.2	4360.45	4391.7	248936	0.72	68.56	4063.34	3882.18
BHARATFORG	1354.75	1375.0	1341.0	1363.45	909119	0.64	48.1	1343.33	1440.59
BEL	313.6	317.1	313.25	314.6	11830104	0.27	67.11	297.48	272.12
MAZDOCK	4900.0	4965.45	4860.05	4888.2	1116866	0.18	71.52	4346.53	3658.15
CFE	714.0	715.0	692.05	703.3	14800	0.16	64.63	644.77	605.77
HBLPOWER	679.4	708.0	670.0	675.3	7211778	0.12	71.82	589.15	552.54
LOKESHMACH	370.55	375.8	355.7	370.9	79470	0.09	53.26	362.08	389.64
APOLLO	100.5	101.9	99.63	100.64	1411309	-0.07	55.84	97.08	106.92
ASTRAMICRO	797.0	807.1	793.0	795.75	132996	-0.14	53.35	774.43	789.9
BDL	1221.95	1238.5	1210.0	1216.6	419345	-0.26	65.85	1074.98	1187.08
ADANIENT	2507.9	2526.0	2483.15	2495.85	958369	-0.42	42.7	2554.75	3047.92
PARAS	1161.95	1173.8	1127.1	1133.4	191137	-0.47	63.2	1037.53	1011.98
COCHINSHIP	1684.7	1693.9	1663.0	1683.15	359831	-0.52	65.21	1482.68	1666.23
MTARTECH	1762.05	1782.35	1750.0	1752.55	52639	-0.58	55.1	1717.68	1809.36
TANEJAERO	473.0	484.9	470.0	472.55	23931	-1.1	60.49	427.98	492.1
PTC	181.0	181.55	177.5	178.14	1266220	-1.35	51.6	172.55	203.21
GRSE	1787.0	1792.8	1750.0	1754.85	447763	-1.43	61.79	1565.89	1523.79
DCXINDIA	335.5	339.8	328.5	329.65	446643	-1.99	49.95	328.87	333.48
ROSSELLIND	97.24	97.24	87.97	90.31	197566	-2.48	42.37	84.06	386.99
AVANTEL	172.39	173.81	165.0	166.19	921662	-3.06	53.79	157.32	-