



# Defence Professionals News & Analysis

February 28, 2025 | Day 059

### Top Gainers

Stock	Close	Prev	Change
MAZDOCK	2131.05	2101.95	+1.38%

### Top Losers

Stock	Close	Prev	Change
TEMBO	589.45	679.1	-13.2%
SIKA	2313.45	2479.25	-6.69%
ZENTEC	1045.3	1109.9	-5.82%
MTARTECH	1287.9	1367.15	-5.8%
DATAPATTNS	1437.75	1520.5	-5.44%

## Defense Business and Industry

### India Plans to Acquire 10 More C-295s, Boosting Airbus-Tata Ties



28-Feb-25

India is negotiating to acquire 10 additional Airbus C-295 military transport aircraft, expanding on its previous order of 71, as part of a strategy to modernize its aging fleet and enhance domestic production through a partnership with Tata Group. The C-295, which serves versatile roles and can carry significant cargo, is essential for the Indian Air Force's transport capabilities, especially in light of rising regional security concerns. This move underlines India's commitment to self-reliance in defense manufacturing while addressing operational needs for more robust airlift capacity. With ambitions to potentially order up to 75 more C-295s, India is firmly positioning itself to enhance its military logistics amid a dynamic geopolitical landscape.

### India's Indigenous NASM-SR Anti-Ship Missile: A Maritime Game-Changer



28-Feb-25

The successful trial of India's first indigenous anti-ship missile, the NASM-SR, highlights its precision and effectiveness in naval warfare. Launched from a Sea King helicopter, the missile demonstrated advanced capabilities, including real-time retargeting through a Man-in-Loop feature and an Indigenous Imaging Infra-Red Seeker. Developed collaboratively by multiple DRDO labs and supported by MSMEs, the NASM-SR aligns with India's Aatmanirbhar Bharat vision, enhancing

indigenous defense manufacturing. This milestone significantly strengthens India's maritime deterrence, ensuring readiness against potential naval threats and advancing the capabilities of the Indian Navy in modern warfare.

### DRDO Debuts BM-04 Ballistic Missile at Hyderabad Defence Expo



28-Feb-25

The Defence Research and Development Organisation (DRDO) has showcased a mock-up of the BM-04 ballistic missile and a dummy scale model of a Hypersonic Glide Vehicle (HGV) at the Hyderabad Defence Exhibition, signaling advancements in India's missile capabilities. The BM-04, a Short-Range Ballistic Missile (SRBM) featuring a Common Hypersonic Glide Body (C-HGB), is perceived as a counter to adversaries' anti-access/area denial strategies, while the HGV, capable of exceeding Mach 5, aims to enhance India's operational reach beyond 1,500 km. Both systems underscore DRDO's focus on developing hypersonic technology to bolster India's military deterrence in contested regions. The unveiling reflects a strategic shift towards sophisticated missile systems, enhancing India's defense posture against potential threats, particularly from rivals like China and Pakistan.

### Cochin Shipyard Begins Construction of Advanced Hybrid Vessel for North Star



28-Feb-25

Cochin Shipyard Limited (CSL) has marked a significant milestone by commencing construction of a hybrid Service Operation Vessel (SOV) for UK-based North Star Shipping, a leader in the offshore wind industry. The 68-meter DP2 class vessel, designed by Norway's VARD

AS, will integrate advanced diesel and high-capacity lithium-ion battery systems, enhancing efficiency in servicing wind turbines. This initiative not only underscores CSL's engineering excellence but also positions India as a formidable contender in the global shipbuilding arena, particularly in sustainable maritime solutions, thus reinforcing India's commitment to renewable energy and international collaboration in cutting-edge technologies.

## Indian Army Praises Toyota Hilux 4WD for Versatility and Reliability



28-Feb-25

The Indian Army has expressed strong satisfaction with the Toyota Hilux 4WD, citing its robust design and 4x4 drivetrain as ideal for logistical operations in diverse environments. Modified versions, such as the Field Diagnosis Vehicle and Rapid Intervention Vehicle, cater specifically to the army's unique requirements, enhancing operational efficiency in remote servicing and emergency scenarios. This partnership underscores Toyota's commitment to supporting India's defense sector modernization and highlights the Hilux's versatility and reliability, making it a crucial asset for military operations. The Indian Army's positive assessment emphasizes the vehicle's strategic value in meeting contemporary defense challenges.

## Samtel Avionics: Pioneering India's Defense Electronics with AI



28-Feb-25

Samtel Avionics is at the forefront of India's defense electronics revolution, collaborating with key entities like HAL, BEL, and DRDO to indigenize avionics. Their recent MOU with HENSOLDT Avionics aims to co-produce advanced systems, bolstering India's self-reliance in critical technologies. By integrating AI and machine learning into their products, Samtel enhances pilot decision-making and situational awareness while focusing on environmental sustainability. Their participation in Aero India 2025 underscores their commitment to high-tech manufacturing, reinforcing India's strategic autonomy and positioning the nation as a leader in aerospace and defense under the "Make in India" initiative.

## India's Maritime Growth: Unlocking Military-Civilian Synergy



28-Feb-25

India's maritime sector is poised for significant growth through the synergy between military and civilian shipbuilding, bolstered by initiatives like the revamped

Shipbuilding Financial Assistance Policy (SBFAP 2.0) and the "Make in India" campaign. These efforts aim to enhance self-reliance by encouraging domestic shipyard competitiveness and expanding the Indian Navy and Coast Guard's fleet with over 180 new vessels by 2030. Despite challenges such as construction timelines and quality inconsistencies, the establishment of mega shipbuilding parks and potential foreign investments can elevate India's global positioning in the industry. Strategic collaborations and advancements in technologies like autonomous vessels are key to realizing these maritime ambitions by 2047.

## DroneAcharya Secures DGCA Certification for AgriVeer Drone



28-Feb-25

DroneAcharya has received the DGCA's Type Certification for its AgriVeer multipurpose drone, which complies with India's Drone Rules 2021. The AgriVeer, designed for agriculture, education, and training, showcases AI-powered capabilities, enhancing operational efficiency. This certification enables its commercial launch, aligning with DroneAcharya's goal to establish India as a global drone hub by 2030. The company is also expanding through a merger with AITMC Ventures and a partnership with Volatus Aerospace for local manufacturing, despite facing a drop in net profits, indicating a robust growth trajectory in the drone sector. This positions India favorably in the evolving global drone technology landscape.

## HD Hyundai to Establish a Shipyard in India, Boosting Local Industry



28-Feb-25

South Korean shipbuilding giant HD Hyundai plans to establish a shipyard in India, with site visits conducted in Tamil Nadu and discussions ongoing in states like Andhra Pradesh and Maharashtra. This initiative, spurred by a recent Indian delegation visit to South Korea, aims to enhance India's shipbuilding capabilities, currently accounting for less than 1% of the global market. The Indian government seeks to expand its fleet significantly by 2047, which could improve freight costs and position India among the top shipbuilding nations. HD Hyundai's entry is expected to foster technology sharing and investment, boosting confidence in local shipbuilders and promoting a robust domestic shipbuilding ecosystem.

## Sisir Radar Unveils World's First L+P Band SAR with 0.2m Resolution



28-Feb-25

Sisir Radar has made a groundbreaking advancement in remote sensing with the world's first L+P Band Synthetic Aperture Radar (SAR), achieving a remarkable resolution of 0.2 meters, which enhances strategic reconnaissance and disaster management capabilities. Successfully tested on drones, this technology integrates L and P bands for superior penetration through rain, clouds, and foliage, essential for diverse terrains, including underground imaging. The company's success at the iDEX DefSpace Challenge and leadership by seasoned experts like Dr. Tapan Misra positions Sisir Radar to revolutionize satellite solutions, promising superior utility and pricing in the SAR data market for military and industrial applications, thereby strengthening India's defense capabilities.

## NIT-Rourkela and DRDO Join Forces to Enhance Navy Submarine Stealth



28-Feb-25

NIT-Rourkela has partnered with DRDO to develop advanced underwater tiles that enhance the stealth capabilities of Indian Navy submarines, crucial for reducing their detectability by enemy sonar systems. This initiative, with a budget of 1.4 Crores, is aimed at bolstering India's naval power and supports the "Atmanirbhar Bharat" initiative for self-reliance in defense manufacturing. The ongoing research signifies India's commitment to indigenous technologies, particularly in submarine development, as seen in Project-76, which emphasizes high indigenous content and advanced capabilities. The success of this technology could also have global applications, enhancing India's strategic position in maritime defense.

## Indian Army to Boost Counter-Terrorism with Indigenous Xploder UGVs



28-Feb-25

The Indian Army is set to enhance its operational capabilities with the induction of the indigenous Xploder unmanned ground vehicle (UGV), designed to counter improvised explosive devices (IEDs) and support counter-terrorism operations. Developed by Major Rajprasad, this versatile UGV will be deployed across northern and northeastern sectors, significantly reducing risks to soldiers while maximizing tactical effectiveness. With capabilities including reconnaissance, remote IED disposal, and disaster relief, the Xploder aligns with India's Aatmanirbhar

Bharat initiative, showcasing a commitment to indigenous defense innovation. This induction reflects a broader modernization effort to secure India's borders against persistent threats from Pakistan and China, reinforcing the Army's technological edge.

## NewSpace CEO Envisions Collaborative Combat Aircraft Boosting IAF Power



28-Feb-25

Sameer Joshi, CEO of NewSpace Research, advocates for the integration of Collaborative Combat Aircraft (CCA) in India's military strategy to enhance the Indian Air Force's (IAF) effectiveness amidst shrinking fighter squadrons and escalating A2/AD challenges from China and Pakistan. By combining human pilots with AI-driven uncrewed assets, CCAs promise to improve air superiority and combat mass affordably, enabling swarms to overwhelm adversary defenses. The CATS Warrior, currently under development, represents a step towards this vision. While fiscal and ethical challenges remain, CCAs are deemed essential for India to secure air dominance and effectively counter threats from more numerous and advanced adversaries.

## Southern Electronics Launches Pilot Control Grip for Tejas MkII and AMCA



28-Feb-25

Bengaluru-based Southern Electronics has unveiled an advanced side-mounted pilot control grip designed for India's Tejas MkII and the upcoming Advanced Medium Combat Aircraft (AMCA), marking a significant advancement in indigenous fighter jet technology. This innovative control grip enhances pilot ergonomics and performance, integrating Hands-On-Throttle-And-Stick (HOTAS) functionality for improved efficiency during multirole missions. Having passed rigorous evaluations by test pilots, it has secured production approval from Hindustan Aeronautics Limited (HAL), reflecting India's commitment to self-reliance under the Atmanirbhar Bharat initiative. This development underscores India's growing capabilities in aerospace technology and positions the country as a competitive player in the global defense landscape.

## Airbus Proposes H125 as Alternative to Stalled Kamov Deal for India



28-Feb-25

Airbus is positioning itself to offer its H125 helicopter as an alternative to the stalled procurement of nearly 200 Kamov Ka-226 helicopters for the Indian Army,

which has faced delays due to geopolitical and technical issues. While the H125 boasts advantages like a higher operational ceiling, it competes with HAL's domestically developed Light Utility Helicopter (LUH), which has proven capability in India's challenging terrains. The competition highlights India's strategic push for self-reliance in defense manufacturing, as well as the need to diversify from traditional suppliers like Russia. Ultimately, HAL's established role and the LUH's extensive testing may favor domestic production over foreign alternatives.

## Indonesia Enhances Naval Power with More Teevra 40 Guns from India



28-Feb-25

Indonesia is set to enhance its naval capabilities by procuring additional Teevra 40 naval gun systems from India's Larsen & Toubro (L&T), building on a successful 2022 contract. This deal underscores the strengthening defense ties between India and Indonesia, with L&T also facilitating technology transfer for local assembly, fostering Indonesia's self-reliance in defense production. The Teevra 40, which boasts an impressive range and versatile firing modes, is increasingly recognized as a crucial asset for modern naval warfare. This collaboration not only boosts Indonesia's defense capabilities but also highlights India's growing influence in the regional defense industry, promoting mutual security interests.

## India Reveals Jalkapi XLUUV: A Game-Changer in Underwater Warfare



28-Feb-25

India's defense innovation took a significant leap with the unveiling of the Jalkapi Extra-Large Unmanned Underwater Vehicle (XLUUV) at Aero India 2025. Developed by Rekise Marine, this 20-ton unmanned submarine boasts advanced capabilities, including a 30 to 45-day endurance and sophisticated sensor systems for underwater operations, positioning it strategically for roles such as anti-submarine warfare and mine countermeasures. The project underscores the increasing involvement of Indian private firms in defense R&D, reflecting the government's push for indigenous innovation while enhancing India's naval capabilities in the Indian Ocean Region. The Jalkapi signifies a promising future for autonomous underwater systems in India's defense arsenal.

## India Launches Procurement of Next-Gen Anti-Aircraft Guns



28-Feb-25

India has initiated the procurement of 220 next-generation anti-aircraft guns to replace aging L70 and Zu-23 systems, emphasizing self-reliance by ruling out imports. This move aligns with the Atmanirbhar Bharat policy and incorporates advanced smart ammunition, which enhances lethality and reduces logistical burdens in countering modern aerial threats like UAVs. Trials are set for July 2025, with a contract expected by mid-2026, showcasing confidence in domestic firms such as Kalyani Strategic Systems and Tata Advanced Systems. This initiative not only modernizes India's air defense capabilities but also positions the country to effectively counter evolving threats on its borders, reflecting a strategic shift in military preparedness.

## GRSE to Release RFP for P-17 Bravo Stealth Frigates by Year-End



28-Feb-25

Garden Reach Shipbuilders & Engineers (GRSE) is set to issue a Request for Proposal (RFP) for the P-17 Bravo stealth frigates by the end of 2025, marking a significant step in enhancing India's naval capabilities. This procurement process aims to strengthen the domestic shipbuilding industry, with a potential total contract value of around Rs 70,000 crore for the L1 and L2 bidders. The P-17 Bravo class will introduce advanced stealth technology and missile systems, contributing to India's maritime defense strategy amid regional challenges. GRSE's experience and proactive approach position it favorably against competitors like Mazagon Dock and Cochin Shipyard, bolstering India's defense infrastructure.

## Sheshnaag 150 UAV's First Flight Achieves 5m Precision Milestone



28-Feb-25

India's defense technology achieved a significant milestone with NewSpace Research and Technologies completing the maiden flight of the Sheshnaag 150 UAV, which demonstrated exceptional precision with a Circular Error Probable (CEP) of just 5 meters during its test strike. This UAV is designed for long-distance missions with high accuracy, enhancing India's capabilities in unmanned aerial systems crucial for addressing regional security challenges. The successful flight aligns with India's "Atmanirbhar Bharat" initiative aimed at self-sufficiency in defense production, highlighting the importance of reducing



risks to human pilots in modern military conflicts while allowing precision strikes on high-priority targets.

## Defense Policy and Budgeting

### IAF Chief: India must produce 35-40 fighter jets yearly to modernize fleet. SHARE

28-Feb-25

Air Chief Marshal A P Singh emphasized the urgent need for India to develop indigenous defense manufacturing capabilities, advocating for the production of 35-40 fighter aircraft annually to replace aging fleets. He stressed that even if homegrown systems offer slightly lower performance, preference should be given to them to reduce reliance on foreign sources. The IAF is committed to supporting R&D and automation technologies to enhance operational efficiency. Additionally, he highlighted the importance of having a robust domestic production capacity for sustained military readiness in prolonged conflicts, indicating that partnerships with private industry could further bolster production rates to meet defense needs effectively.

## Geopolitics and Security Alliances

### EU and India Forge Defense Partnership Inspired by Japan, Korea SHARE

28-Feb-25

The recent visit of European Commission President Ursula von der Leyen to India, accompanied by the EU College of Commissioners, aims to deepen the strategic partnership between India and the EU, focusing on trade, defense, and technology. Discussions included a long-awaited free trade agreement and enhancing cooperation in areas like clean energy, digital infrastructure, and maritime security, amidst both parties' commitment to countering common threats. India, as the EU's largest trading partner, seeks to diversify its military suppliers beyond Russia, while the EU looks to invest in defense and industrial projects with India. Both sides recognized India's unique position as a bridge between the Global South and the rest of the world, presenting significant opportunities for collaboration on global security and prosperity.

## India Advocates for Urgent UN Security Council Reforms SHARE

28-Feb-25

India has called for urgent reforms of the UN Security Council, highlighting its outdated structure that has remained unchanged for 80 years and stressing the need for enhanced transparency and engagement with member states. India's Permanent Representative, Parvathaneni Harish, emphasized the under-representation of regions like Asia, Africa, and Latin America and the necessity for both permanent and non-permanent seat expansions, alongside the initiation of text-based negotiations to achieve concrete outcomes. He warned against mere incremental changes that could delay significant reforms and underscored India's strategic approach to securing a permanent seat through building support in the General Assembly while minimizing resistance within the Council. This multi-layered strategy reflects India's commitment to ensuring that the UN remains relevant and effective in addressing contemporary global challenges.

## China Confirms Successful Disengagement with India in Ladakh SHARE

28-Feb-25

The Chinese Defence Ministry has confirmed the effective implementation of the disengagement agreement with India, indicating that both militaries are working comprehensively to restore peace in eastern Ladakh. Following a successful withdrawal of troops from the last friction points of Depsang and Demchok, Prime Minister Modi and President Xi Jinping initiated dialogues to revive bilateral relations. National Security Adviser Ajit Doval and Chinese Foreign Minister Wang Yi also engaged in talks to further strengthen dialogue mechanisms. This development highlights a positive shift in India-China relations, emphasizing cooperative efforts to maintain stability in border areas, which is vital for regional security and diplomatic ties.

## General Dwivedi Highlights India's Strategic Landscape at French College SHARE

28-Feb-25

Chief of Army Staff General Upendra Dwivedi recently addressed the French Joint Staff College, outlining India's strategic landscape and regional geopolitical dynamics to an audience of 98 international officers. His visit to France also included a wreath-laying ceremony at the Indian War Memorial, paying tribute to the sacrifices of Indian soldiers during World War I. Additionally, General Dwivedi observed a live firing

demonstration by the Scorpion Division and visited the Airbus Facility to discuss advancements in aviation technology. This four-day visit aims to bolster military collaboration and explore new avenues for strategic partnerships between India and France, emphasizing the importance of enhanced global cooperation for collective security.

## Russian Security Chief Shoigu Visits Beijing Amid Tensions SHARE

28-Feb-25

Top Russian security official Sergei Shoigu arrived in Beijing for a one-day visit to meet with Chinese President Xi Jinping and Foreign Minister Wang Yi, following Xi's conversation with Vladimir Putin regarding the Ukraine crisis. This visit highlights the deepening military and trade ties between Russia and China, with Beijing maintaining its stance of neutrality despite being perceived as an enabler of Russia's actions. Shoigu's meetings in Southeast Asia, including with leaders from Malaysia and Indonesia, underscore Russia's broadened diplomatic efforts, while indicating China's continuing strategic partnership with Moscow amidst global tensions. This alignment could influence regional dynamics, particularly for countries like India monitoring the evolving geopolitical landscape.

## India's Army Chief Engages with France on Defense Collaboration SHARE

28-Feb-25

India's Army Chief recently engaged in discussions in France focusing on security, technology, and training. This visit underscores India's commitment to enhancing its defense capabilities through international collaboration, particularly in advanced military technology and training methodologies. The discussions reflect a strategic move to strengthen ties with France, a key partner in defense, which could lead to joint ventures and technology transfers. Such initiatives are crucial for India as it seeks to modernize its armed forces and maintain regional stability amid evolving geopolitical challenges. Overall, this engagement demonstrates India's proactive approach to fortifying its defense strategy through global partnerships.

## US Criticizes Thailand for Deporting Uyghurs to China SHARE

28-Feb-25

The U.S. condemned Thailand's deportation of 40 Uyghurs to China, citing concerns over human rights violations and potential genocide against the Uyghur

population in Xinjiang. Despite warnings from rights groups and U.S. officials, Thailand proceeded with the deportation, which has raised questions about its commitment to international human rights obligations. Critics argue that this action undermines Thailand's reputation and suggests a growing alignment with Chinese interests. The incident marks a troubling trend in regional geopolitics, illustrating the complexities faced by nations balancing sovereignty and human rights while navigating relations with powerful neighbors like China.

## Russia Declares Ukrainian Land Annexation as Irrevocable SHARE

28-Feb-25

The Kremlin has firmly rejected any negotiations regarding the annexed Ukrainian territories, asserting that they are an inseparable part of Russia, despite international condemnation. In parallel, US-Russian talks in Istanbul aimed at normalizing relations are ongoing, with President Trump seeking to expedite an end to the conflict. Ukrainian President Zelensky is set to meet Trump to discuss US aid, raising concerns over the lack of security guarantees in proposed agreements. As Russia continues to gain ground in eastern Ukraine, the situation remains tense, with European leaders advocating for a US commitment to prevent further Russian aggression.

## India Maritime Week to Host Over 100 Nations, Boost Shipbuilding SHARE

28-Feb-25

Union Minister Sarbananda Sonowal announced that the India Maritime Week, scheduled for October 27-31, will attract participants from over 100 countries, highlighting India's commitment to bolstering its maritime industry. The event will focus on revitalizing shipbuilding through significant financial measures, including a Rs 25,000 crore Maritime Development Fund and extended customs duty exemptions. These initiatives aim to develop new shipbuilding clusters, enhance global competitiveness, and transform India into a leading shipbuilding nation by 2030. Sonowal emphasized that India's Blue Economy is crucial for job creation, trade, and sustainability, showcasing the government's dedication to making its maritime sector a backbone of economic growth.

## Pakistan's 'Swift Retort': Misleading Claims and Misinformation [SHARE](#)

28-Feb-25

The Pakistan Air Force (PAF) recently celebrated its 2019 operation "Swift Retort," claiming it downed an Indian Air Force (IAF) Su-30 MKI fighter. However, scrutiny reveals this claim is misleading, as the purportedly downed aircraft belonged to No. 25 Squadron, a transport unit, not a fighter squadron. India's official account confirms the loss of a MiG-21 but denies any Su-30 MKI loss, asserting it downed a PAF F-16. This highlights the dangers of misinformation and exaggeration in military narratives, as incorrect claims can undermine credibility and morale among military forces, particularly when no supporting evidence exists for the downed Su-30 MKI.

### Military Operations

## Over 300 Looted Weapons Surrendered in Manipur for Peace [SHARE](#)

28-Feb-25

In a significant move towards restoring peace in Manipur, over 300 looted arms and large caches of ammunition were voluntarily surrendered by various organizations, including the Arambai Tengol, following a public appeal by Governor Ajay Kumar Bhalla. This initiative has facilitated the return of over 610 weapons since the appeal commenced. Concurrently, joint operations by Assam Rifles and Mizoram Police led to the arrest of three individuals and the recovery of additional arms and ammunition. The ongoing ethnic conflict in Manipur has resulted in the looting of over 6,000 weapons, highlighting the critical need for community cooperation to restore order. The proactive stance taken by community leaders and security forces underscores a collective effort to ensure security and stability in the region, facilitating dialogue and potential resolutions to ongoing tensions among communities.

### Terrorism and Counterterrorism

## Delhi Court Seeks Mumbai Records as Rana's Extradition Nears [SHARE](#)

28-Feb-25

A Delhi court has requested trial records from Mumbai concerning the 26/11 terror attack as the extradition of Tahawwur Rana, alleged mastermind of the attacks, is

anticipated. This order follows a US court ruling approving his extradition to India, with US President Trump highlighting collaborative efforts to combat radical Islamic terrorism. Rana, linked to Pakistan-based Lashkar-e-Taiba, is set to face justice in India. This development underscores India's ongoing commitment to addressing terrorism and enhancing international cooperation in security matters, particularly with the US, as both nations unite against shared threats to global peace.

## FBM Accuses Pakistani Military of Executing Baloch Prisoners [SHARE](#)

28-Feb-25

The Free Balochistan Movement (FBM) has accused the Pakistani military of committing extrajudicial killings of Baloch political prisoners through orchestrated "fake encounters," terming these acts as war crimes. They claim that, facing setbacks in the Baloch freedom movement, Pakistan is resorting to executing innocent detainees to boost military morale. Specifically, the FBM highlighted the recent deaths of four Baloch youths, asserting they were abducted and murdered rather than killed in combat. This situation underscores Pakistan's escalating genocidal policies against the Baloch population, urging unity among Baloch factions to resist these violations. The allegations reflect broader issues of human rights abuses in the region, raising concerns over Pakistan's treatment of dissent.

### Mil Personnel & Veterans

## Flying Officer Tanushka Singh: IAF's First Female Jaguar Pilot [SHARE](#)

28-Feb-25

Flying Officer Tanushka Singh has made history as the first female pilot permanently assigned to the Indian Air Force's Jaguar fighter squadron, symbolizing a significant advancement in gender inclusivity within the armed forces. Coming from a military family, her achievement not only reflects her personal triumph but is also a continuation of her family's legacy of service. The IAF has progressively integrated women into combat roles since 2016, with Tanushka's induction marking a breakthrough in one of its most elite combat units, the Jaguar, which is renowned for its precision strike capabilities. Her appointment as a permanent member promises to inspire future generations of women aviators in the IAF.

## Miscellaneous

### India and EU Discuss Enhanced Defence Cooperation in New Delhi SHARE

28-Feb-25

Raksha Rajya Mantri Shri Sanjay Seth met with Mr. Andrius Kubilius, the European Commission's Commissioner for Defence and Space, in New Delhi to discuss enhancing India-EU bilateral defence and security cooperation, with an emphasis on maritime engagements in the Indo-Pacific. They explored opportunities for European defence companies to participate in joint projects and co-production in India, while also considering India's involvement in the EU's Permanent Structured Cooperation and other developmental initiatives. This meeting underscores India's commitment to strengthening its global defence partnerships and leveraging European technological expertise to bolster its own defence capabilities, which is crucial for regional stability and security in the Indo-Pacific region.

### Chinese Live-Fire Drills Near Australia Alarm Airline Pilots SHARE

28-Feb-25

Chinese live-fire naval exercises near Australia have raised significant safety concerns for airline pilots, who were alerted mid-flight without prior notices, forcing several flights to reroute. The drills, conducted in the Tasman Sea, although legally executed beyond Australia's exclusive economic zone, were criticized for their lack of proper notification, deemed irresponsible by Australian defense authorities. This incident underscores the increasing assertiveness of China's military in the Indo-Pacific region, heightening tensions and emphasizing the need for better communication protocols between military operations and civil aviation to ensure safety in busy air corridors.

### India and EU Strengthen Ties on Women's and Children's Welfare SHARE

28-Feb-25

WCD Minister Annpurna Devi met with European Commissioner Hadja Lahbib in New Delhi to enhance collaboration on women's and children's welfare, emphasizing shared goals of gender equality and crisis management. Commissioner Lahbib commended India's achievements in women's empowerment and reaffirmed the EU's commitment to global cooperation. This meeting is part of broader efforts to strengthen

India-EU ties, reflecting mutual dedication to fostering more inclusive societies through shared expertise and resources. The anticipated outcomes of this partnership are expected to bolster both regions, highlighting the importance of international collaboration in addressing pressing social challenges.

### IIT-Madras and ISRO Launch Indigenous IRIS Chip for Space Innovation SHARE

28-Feb-25

IIT-Madras and ISRO have developed the indigenous IRIS chip, enhancing India's space program by utilizing the open-source RISC-V ISA. This chip, featuring fault-tolerant memories and versatile applications in both space and IoT domains, signifies a crucial step towards semiconductor self-reliance under the 'Atmanirbhar Bharat' initiative. The comprehensive development process was executed domestically, from design to fabrication, showcasing India's growing technological capabilities. With upcoming flight tests planned to validate the chip's performance, this advancement reinforces India's commitment to achieving self-sufficiency in space technology, fostering collaboration between academia and industry for future innovations.

### IIT-Madras Innovates Metal Foam for Bharatiya Space Station Safety SHARE

28-Feb-25

IIT-Madras is conducting research on metal foams under the Extra-Terrestrial Manufacturing (ExTeM) group, led by Dr. Sankaran Shanmugam and Neelabh Menaria, to explore their behavior in microgravity for potential space applications. These lightweight materials could provide crucial protection against impacts and space debris, although their specific application for the Bharatiya Space Station is not explicitly mentioned. The research also extends to other space-related technologies, such as Martian concrete and semiconductor chips. This initiative reflects India's commitment to advancing its space capabilities and infrastructure, enhancing the safety and sustainability of future space endeavors, including long-term human presence in space.

### Police Warn of Rising Cyber Fraud Impersonating India Post SHARE

28-Feb-25

The Police Headquarters in India has issued a warning about a rise in cyber fraud cases involving fake SMS messages impersonating India Post. Cybercriminals are sending messages claiming delivery issues, prompting recipients to click on fraudulent links that



lead to counterfeit websites designed to steal personal and banking information. The advisory emphasizes that India Post never requests personal details via SMS and encourages the public to verify parcel information through official channels. Authorities urge vigilance and the reporting of suspicious activities to combat this growing threat effectively.

## Kolkata Coast Guard HQ Wins Three Tatrakshak Medals for Valor



28-Feb-25

The Indian Coast Guard (ICG) Regional Headquarters in Kolkata received three of the eight Tatrakshak Medals awarded for meritorious service, highlighting its commitment to maritime safety along the West Bengal and Odisha coast. The awards were presented by Defense Minister Rajnath Singh and recognized the efforts of DIG Anil Kumar Parayil, DIG Himanshu Nautiyal, and Uttam Navik Mohit Kumar, the latter for gallantry at sea. Operating 24/7, the ICG plays a crucial role in monitoring maritime activities, preventing terrorism, smuggling, and pollution, and protecting endangered species like Olive Ridley turtles, reflecting its strategic importance in national security and environmental conservation.

## BJP urges J&K Speaker to uphold constitutional integrity in Assembly



28-Feb-25

The Bharatiya Janata Party (BJP) has urged the Jammu and Kashmir Assembly Speaker to prevent any unconstitutional and anti-national activities during the upcoming Budget Session. Senior BJP leader Sunil Sharma emphasized the need for impartial conduct in the assembly, particularly during the question hour, to hold the government accountable. An all-party meeting, involving representatives from various political factions, concluded with a consensus on maintaining the assembly's dignity and facilitating the discussion of public issues. This initiative reflects a collective effort to ensure a constructive legislative environment following a decade-long gap in assembly elections.

## Sea King Mk. 42C Retires, Heads to Dabolim Museum as Legacy Lives On



28-Feb-25

The Westland Sea King Mk. 42C, a stalwart of the Indian Navy's helicopter fleet since 1986, has officially

retired and is en route to the Naval Aviation Museum in Dabolim. This transition marks the end of an era for a versatile aircraft that excelled in anti-submarine warfare and troop transport, but modernization and spare parts shortages limited its operational viability. The induction of advanced platforms like the MH-60R Seahawk has led to its phased retirement, yet the Sea King's legacy will be preserved as a historical exhibit, allowing future generations to appreciate its significant contributions to India's maritime defense.

## Empower Youth in Tech for National Security: Raksha Mantri



28-Feb-25

Raksha Mantri Shri Rajnath Singh emphasized the importance of scientific innovation during the National Science Day celebrations in Hyderabad, urging the youth to leverage India's evolving technological infrastructure. He highlighted the shift from hardware to software in warfare and stressed the need for expertise in frontier technologies like AI and Quantum Computing to ensure national security. The event, Vigyan Vaibhav, showcased over 200 stalls featuring cutting-edge defense technologies, fostering inspiration among 30,000 participating students. Singh also reiterated the government's commitment to education reform through the New Education Policy, aiming to cultivate a generation of innovative thinkers to drive India towards its vision of Viksit Bharat by 2047.

## Rajnath Singh Tours DRDO's Missile Complex, Highlights Advances



28-Feb-25

Raksha Mantri Shri Rajnath Singh visited the DRDO's Dr APJ Abdul Kalam Missile Complex in Hyderabad on February 28, 2025, where he was briefed about indigenous missile technologies. He commended the team behind the successful Long-Range Hypersonic Anti-Ship Missile, which established India as a key player in hypersonic capabilities. Singh emphasized the importance of adhering to technological advancements and expressed confidence that India will emerge as one of the top-three global economies by 2027. The DRDO Chairman reiterated the organization's commitment to ensuring India becomes Aatmanirbhar in defense, aligning with Prime Minister Modi's vision of creating defense systems that are made in India for the world.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
MAZDOCK	2070.0	2151.0	2047.9	2131.05	2931250	1.38	46.07	2170.13	2179.5
SOLARINDS	8560.9	8777.0	8482.5	8710.6	157759	-0.15	39.57	9038.88	10253.02
AZAD	1265.0	1288.15	1237.0	1273.75	139805	-0.55	38.98	1384.24	1595.42
ADANIENT	2107.0	2111.35	2072.0	2096.0	2373922	-0.71	34.39	2228.07	2823.88
ROSSELLIND	58.1	59.89	55.5	57.66	12255	-0.76	25.63	64.03	287.35
CFE	415.05	415.05	398.0	414.0	28000	-0.92	28.98	501.73	654.88
LT	3199.8	3199.8	3141.0	3163.85	2494680	-1.42	34.57	3288.68	3579.86
ASTRAMICRO	608.35	613.95	595.05	607.1	172583	-1.51	34.1	655.17	817.44
PTC	140.0	142.1	135.11	138.82	2827171	-1.6	44.22	141.95	186.74
PARAS	878.0	904.8	862.45	874.7	192542	-2.0	36.66	946.86	1101.85
COCHINSHIP	1286.95	1294.95	1250.1	1268.55	702560	-2.04	38.41	1328.3	1787.07
BHARATFORG	1035.05	1035.05	1002.15	1016.5	2472393	-2.11	23.04	1097.19	1443.23
APOLLO	113.5	115.81	111.6	112.68	5259431	-2.25	42.8	119.9	109.07
BEL	250.0	250.95	243.5	246.25	17754591	-2.46	37.52	263.51	290.56
LOKESHMACH	172.0	172.0	157.65	161.5	35554	-2.68	17.16	226.43	361.71
AVANTEL	112.65	114.08	110.12	110.8	766022	-3.1	37.73	120.23	-
IDEAFORGE	370.0	374.85	357.15	361.65	175438	-3.38	25.0	413.05	645.11
HIGHENE	472.0	483.95	450.0	454.5	7491	-3.64	31.72	494.67	676.73
KRISHNADEF	572.0	576.5	525.0	560.3	92250	-3.94	37.27	624.55	712.71
LMW	14065.0	14099.95	13450.05	13661.05	10112	-4.03	26.55	14798.32	16071.2
GRSE	1285.0	1308.0	1246.0	1256.0	915025	-4.11	34.85	1403.37	1716.17
BDL	999.0	1018.0	966.15	975.4	914014	-4.13	32.28	1109.71	1265.71
MIDHANI	250.05	253.3	239.35	243.15	420501	-4.25	29.01	279.2	385.31
BEML	2532.5	2588.7	2447.9	2454.6	284330	-4.49	22.77	2922.21	3971.66
HBLPOWER	445.05	452.9	430.0	433.1	1643897	-4.52	31.26	507.99	575.8
HAL	3202.0	3224.8	3080.0	3088.2	2413864	-4.76	27.37	3528.77	4483.29
MARINE	153.99	153.99	147.71	147.71	194301	-5.0	28.81	181.88	219.22
NIBE	1007.15	1017.75	988.95	988.95	10827	-5.0	27.41	1244.89	1727.28
PREMEXPLN	349.0	349.05	331.0	333.6	186710	-5.09	31.26	391.72	536.0
DCXINDIA	241.1	244.95	230.0	232.2	672036	-5.19	25.96	281.99	337.26
TANEJAERO	278.0	278.0	250.95	262.95	48228	-5.4	25.97	320.38	477.27
DATAPATTNS	1499.15	1532.65	1415.05	1437.75	876478	-5.44	29.57	1725.58	2569.55
MTARTECH	1360.0	1360.0	1282.0	1287.9	117364	-5.8	36.67	1434.7	1732.01
ZENTEC	1084.95	1084.95	1005.05	1045.3	1006763	-5.82	25.64	1353.91	1660.12
SIKA	2479.25	2479.25	2280.0	2313.45	3807	-6.69	45.56	2411.32	2647.31
TEMBO	0.0	589.45	589.45	589.45	18629	-13.2	39.06	658.15	466.61