



Defence Professionals News & Analysis

February 23, 2025 | Day 054

Defense Business and Industry

HAVELSAN Unveils BULUT: A Game-Changer in UAV Technology



23-Feb-25

HAVELSAN has launched BULUT, a new reconnaissance and surveillance UAV, enhancing the capabilities of the Turkish Armed Forces and security forces. This UAV, developed to operate independently of GNSS, boasts an impressive six-hour flight time and is designed for diverse operational conditions, with advanced features like object detection and anti-jamming. BULUT's deployment reflects a successful collaboration with the Turkish Presidency of Defense Industries, emphasizing rapid innovation in defense technology. As India continues to enhance its own UAV capabilities, BULUT's operational success underscores the importance of autonomous systems in modern warfare, highlighting a growing trend in regional defense advancements that could influence India's strategic approach.

India Enhances Naval Deterrence with Kalibr-PL Missiles for Kilo-Class Subs



23-Feb-25

The Indian Navy has bolstered its underwater capabilities by acquiring Kalibr-PL anti-ship cruise missiles for its Kilo-class submarines, enhancing maritime deterrence in the Indian Ocean Region (IOR). The 3M-14K variant is designed for submarine launch, significantly extending the operational reach of India's fleet against potential threats. This acquisition not only aligns with India's modernization efforts but also embodies strategic considerations given the regional security landscape. The integration of these advanced missiles reflects India's commitment to both indigenization and selective technology procurement, ultimately strengthening its naval power and deterrent posture in the IOR.

DRDO's Indigenous Submarine Proposal to Seek CCS Approval Soon



23-Feb-25

The Defence Research and Development Organisation (DRDO) is progressing with its indigenous Project-76 for conventional submarines, aiming for Cabinet Committee on Security (CCS) approval within two months. The first submarine, featuring advanced technologies like Air Independent Propulsion and targeting over 90% indigenous content, is expected to be ready for trials by 2037-38. This initiative is crucial for enhancing India's naval capabilities amid rising Chinese naval activities in the Indian Ocean and reflects a broader commitment to self-reliance in defense production. By advancing submarine technology, India strengthens its maritime strategy and reduces dependency on foreign suppliers, significantly bolstering its defense posture.

IAF's MRFA Tender Delayed, RFP Finalization Still Pending



23-Feb-25

The Indian Air Force's (IAF) Multi-Role Fighter Aircraft (MRFA) tender, crucial for acquiring 114 advanced fighter jets to enhance India's aerial capabilities, is currently stalled due to delays in finalizing the Request for Proposal (RFP). The Ministry of Defence (MoD) has indicated that the IAF has yet to complete the draft RFP, preventing progress on seeking an Acceptance of Necessity from the Defence Acquisition Council. The urgency of this procurement is heightened by evolving regional threats, and the IAF must resolve these bureaucratic hurdles promptly to ensure India's air superiority remains uncompromised. A transparent and efficient procurement process is essential to avoid past controversies in defense deals.

NASM-MR: India's Next-Gen Anti-Ship Missile Readies for Trials



23-Feb-25

India's Naval Anti-Ship Missile-Medium Range (NASM-MR) is set for developmental trials, enhancing naval

strike capabilities with a range exceeding 350 km. Developed by DRDO, this missile, designed for aircraft like the MiG-29K and Rafale M, features advanced AESA guidance and a stealthy low-altitude trajectory, making it a formidable contender against global systems such as the Harpoon and Exocet. The NASM-MR's multi-target engagement capability, lightweight design, and resistance to electronic countermeasures signify a critical advancement in India's maritime warfare strategy, complementing existing systems while phasing out older technologies like the Kh-35 Uran. This development reflects India's commitment to strengthening its defense mechanisms in contested waters.

TASL Seeks MoD Nod to Develop HALE UAVs for Indian Forces



23-Feb-25

Tata Advanced Systems Limited (TASL) has sought approval from the Ministry of Defence (MoD) to develop a High-Altitude Long-Endurance (HALE) UAV for the Indian Armed Forces, marking a significant move by a private sector entity into a domain historically managed by the Defence Research and Development Organisation (DRDO). TASL plans to design a new UAV from scratch, leveraging off-the-shelf technologies. This initiative reflects the MoD's recent trend of encouraging private sector involvement in UAV development due to delays in indigenous projects. If approved, TASL's entry could enhance competition, drive innovation, and accelerate the delivery of advanced defense technologies, aligning with the government's push to modernize India's defense capabilities.

Economic Explosives Limited Eyes Military Transport Aircraft for IAF



23-Feb-25

Economic Explosives Limited is proposing the development of a military transport aircraft for the Indian Air Force (IAF), potentially targeting the IAF's Medium Transport Aircraft (MTA) program to replace aging An-32 and IL-76 fleets. While details are not yet clear, the initiative could involve collaborations with defunct aerospace companies to utilize existing designs. This proposal highlights a significant opportunity for the private sector to enhance India's aerospace capabilities and align with the government's push for indigenization in defense production. If approved, it would not only fulfill critical operational needs but also bolster the role of domestic industries in defense manufacturing.

CSIR-NAL Unveils 30 HP Wankel Engine for 900km Loitering Munition



23-Feb-25

The CSIR-NAL is advancing India's defense capabilities by developing a 30 HP Wankel engine for a 150kg loitering munition, which boasts an impressive range of 900 kilometers and an endurance of 6 to 9 hours. This innovative engine, known for its compact design and superior power-to-weight ratio, is tailored for modern tactical requirements, allowing for extensive surveillance or engagement missions. The lightweight munition balances payload and operational range, significantly enhancing India's strategic defense operations. This development reflects India's commitment to self-reliance in defense technology and its proactive approach to modern warfare challenges.

Russia Promotes Ilyushin Il-114-300 for India's Udaan Initiative



23-Feb-25

Russia is actively promoting its modernized Ilyushin Il-114-300 turboprop aircraft to tap into India's growing aviation market, particularly under the Udaan scheme aimed at enhancing regional air connectivity. This new variant offers improved fuel efficiency, lower maintenance costs, and the capability to operate from unpaved runways, making it ideal for connecting underserved areas. The Il-114-300 is designed to replace outdated Soviet-era Antonov aircraft currently used by regional airlines in India. This strategic collaboration not only highlights India's commitment to boosting regional economies but also reflects its openness to foreign partnerships in advancing its aviation infrastructure.

India and France Seal \$7B Rafale-M Deal to Boost Navy's Power



23-Feb-25

India and France have finalized negotiations for the purchase of 26 Rafale-Marine fighter jets, valued at approximately \$7 billion, with a formal signing expected in April. This acquisition is vital for enhancing the Indian Navy's carrier-based air power, as the Rafale-M fighters will operate from the INS Vikrant and INS Vikramaditya. The deal includes 22 single-seater Rafale-Ms and four Rafale B Trainer variants, equipped with advanced weapons like Meteor BVRAAMs and Astra Mk I missiles. This strategic move significantly bolsters India's operational capabilities in the Indo-Pacific region, reinforcing its defense posture amidst evolving geopolitical dynamics.

India and US Forge Alliance to Co-Produce Advanced Defense Systems SHARE

23-Feb-25

India and the US have signed a pivotal agreement to co-produce advanced autonomous weapon systems under the Autonomous Systems Industry Alliance (ASIA) initiative, announced during a meeting between Prime Minister Modi and President Trump. This collaboration emphasizes joint development of sophisticated technologies such as long-endurance autonomous gliders, moored surveillance systems, and dual-mode naval drones to enhance maritime security in the Indo-Pacific region amid rising tensions with China. By fostering robust industry partnerships, the ASIA initiative not only strengthens the defense capabilities of both nations but also positions them to bolster security in allied nations, reflecting a strategic commitment to countering regional challenges through innovation in defense technologies.

Pinaka Naval Variant Poised for First Trial, Enhancing Defense SHARE

23-Feb-25

The upcoming first trial of the Pinaka naval variant, an advanced iteration of the renowned Pinaka multi-barrel rocket launcher, represents a significant advancement in India's naval defense capabilities. Designed for underwater operations and submarine countermeasures, this system boasts a range of 75 kilometers, enhancing the Indian Navy's capacity to neutralize maritime threats effectively. This development reflects India's strategic shift toward versatile, long-range defense solutions in response to modern naval warfare challenges. Successful trials could lead to the integration of this system into active naval fleets, significantly bolstering India's maritime security and deterrent capabilities against potential threats in the region.

UTTAM Radar Achieves 140km Range, Detects F-16 at 180km SHARE

23-Feb-25

India's UTTAM radar has showcased its capability by tracking a Tejas Mk-1 aircraft at 140 km, with estimates suggesting it could detect larger adversaries like the Pakistani F-16 and JF-17 at ranges of 180-200 km and 160-180 km, respectively. Developed by the DRDO, the radar integrates 900 TR modules, significantly enhancing the Indian Air Force's situational awareness and combat effectiveness. This advancement positions India favorably in aerial combat scenarios, enabling earlier threat detection and improved response against

conventional rivals. The UTTAM radar is pivotal for bolstering India's air defense capabilities and ensuring superiority in contested airspace.

HAL's Redesigned HLFT-42: A Versatile Combat Jet and Mothership SHARE

23-Feb-25

Hindustan Aeronautics Limited (HAL) is significantly redesigning the HLFT-42 based on Indian Air Force (IAF) feedback to expand its capabilities beyond training to include roles as a light combat aircraft and a command center for unmanned systems. This versatile platform will support a comprehensive pilot training strategy while being combat-ready, featuring advanced weaponry and potential integration with the CATS Warrior unmanned vehicle. Despite challenges with engine selection, HAL aims to make the HLFT-42 a cost-effective, multi-role solution for the IAF, aligning with modern military needs for manned-unmanned teaming in contested airspace. The anticipated operational deployment may extend to the early 2030s due to development timelines.

Defense Policy and Budgeting

India Reviews Chinook Helicopter Acquisition Amid U.S. Pressure SHARE

23-Feb-25

India is reconsidering its procurement of additional CH-47F(I) Chinook helicopters amid pressure from the U.S. to enhance defense ties. Originally, the Indian Air Force (IAF) signed a deal for 15 Chinooks in 2015, with an option for seven more, but budget constraints delayed this. The IAF recognizes the necessity for heavy-lift capabilities in challenging border areas, where the Chinook excels. However, cost-effectiveness and alignment with broader modernization plans pose challenges, including potential price renegotiations. Balancing U.S. defense cooperation with domestic needs will be crucial for India's strategic and operational readiness in the region.

Geopolitics and Security Alliances

Trump Calls for Indian Aid in US Elections Amid Funding Critique SHARE

23-Feb-25

US President Donald Trump criticized the Biden administration for allegedly providing \$21 million in funding to India for voter turnout, suggesting India does not need such financial assistance and accusing it of taking advantage of the US with high tariffs. He proposed that the US should revert to using paper ballots and allow India to help its election processes instead. India's External Affairs Minister S. Jaishankar expressed concern over these allegations, emphasizing the need to understand the context behind USAID's funding. This situation highlights the complexities of US-India relations, as Trump's remarks may reflect domestic political motivations while India seeks to clarify its position and maintain its sovereignty in electoral matters.

French Carrier Conducts Joint Drills with Philippines Amid Tensions SHARE

23-Feb-25

France's nuclear-powered aircraft carrier, the Charles de Gaulle, conducted combat drills with Filipino forces in the South China Sea, enhancing regional security amidst tensions with China, which claims the area almost in its entirety. The exercises, part of France's broader military engagement in Southeast Asia, aim to bolster maritime cooperation and respond to China's assertiveness. This aligns with the Philippines' recent defense agreements with various countries, including the U.S. and Australia, to strengthen military readiness. France's commitment underscores its strategic interest in the Indo-Pacific, further complicating the geopolitical landscape, as China reacts negatively to increased foreign military presence in the region.

India and China Experience Positive Diplomatic Progress at G-20 SHARE

23-Feb-25

India and China have seen positive developments in their diplomatic relations, as highlighted by External Affairs Minister Subrahmanyam Jaishankar's recent meeting with Chinese Foreign Minister Wang Yi on the sidelines of the G-20 summit. This marked their first in-person discussion since November, focusing on bilateral ties, border management, and travel facilitation. Despite past tensions stemming from

border clashes in 2020, the nations are making strides to restore cooperation, including resuming direct flights. This dialogue underscores the importance of international collaboration in a polarized global landscape and reflects India's commitment to maintaining stability and engagement in regional geopolitics, amidst external pressures on institutions like the G-20.

UN Peacekeeping Chief Highlights India's Role in Global Security and Gender Equality SHARE

23-Feb-25

India's significant contributions to UN peacekeeping were acknowledged by UN Peacekeeping Chief Jean-Pierre Lacroix, particularly highlighting the effectiveness of its women peacekeepers in enhancing mission outcomes and fostering community trust. At an upcoming conference in New Delhi, focusing on women in peacekeeping, Lacroix emphasized India's leadership in promoting gender parity, with 20.45% of its deployed military observers being women. He noted India's role in training and capacity building, as well as the strategic necessity of increasing women's leadership in peacekeeping operations. This recognition underscores India's commitment to global peace and security, showing that gender-inclusive approaches are not only equitable but essential for mission success.

Hamas warns Gaza truce at risk due to Israel's prisoner delays SHARE

23-Feb-25

Hamas has expressed that Israel's delay in releasing Palestinian prisoners endangers the ongoing truce, which has seen the release of Israeli hostages. Israeli Prime Minister Netanyahu justifies the postponement, citing Hamas's "disgraceful ceremonies" and previous violations. Amidst rising tensions, Israel has dispatched a tank division to Jenin, its first military operation there in two decades, indicating a potentially prolonged military presence to curb terrorism. This situation highlights the fragile nature of the ceasefire, with both sides blaming each other while the broader regional implications, including Iranian influence and the humanitarian crisis in Gaza, remain critical considerations for international actors.

Taiwan Alerts as Chinese Satellite Passes Amid Rising Tensions SHARE

23-Feb-25

On January 9, 2024, Taiwan's Ministry of National Defence confirmed that a Chinese satellite, the Einstein

Probe, had flown over southern Taiwan, prompting an island-wide air raid alert amid presidential elections and rising concerns about Chinese interference. The Taiwanese government viewed this satellite launch as part of Beijing's intimidation tactics, coinciding with increased Chinese military activity nearby. Although the satellite itself posed no immediate threat, Taiwanese officials reiterated their commitment to monitor the situation closely and remain prepared to respond if necessary. This incident highlights the escalating tensions in cross-strait relations, reflecting the broader geopolitical dynamics in the region.

Pentagon Urges IAF to Join F-35A Program for Stronger Coalition



23-Feb-25

The Pentagon has expressed strong interest in integrating the Indian Air Force (IAF) into the F-35A Lightning II program, proposing that India's participation would bolster coalition efforts against Chinese aggression. This move highlights the need for enhanced interoperability among Quad nations, particularly given the escalating geopolitical tensions in the Indo-Pacific. The F-35A's advanced capabilities in air superiority and intelligence gathering would significantly strengthen India's military posture and serve as a deterrent against China. However, India's existing military ties with Russia, including the S-400 missile system, pose challenges for seamless integration of American technology. Overall, India acquiring the F-35A could enhance its strategic capabilities and strengthen regional security dynamics.

exclude Ukraine. This development underlines the ongoing geopolitical tensions and the importance of international support for Ukraine's defense efforts.

Israel to Maintain Troop Presence in West Bank for a Year



23-Feb-25

Israel's defense minister announced that troops will remain in parts of the West Bank for the next year, amid a broad offensive aimed at curbing militancy following increased attacks. The military has expanded operations to urban refugee camps, leading to significant displacement and casualties, including civilians. This prolonged military presence reflects pressure on Prime Minister Netanyahu from far-right allies, amidst ongoing tensions with Hamas and the Palestinian Authority. While Israel cites security concerns for its actions, observers caution that the heavy-handed approach may exacerbate the humanitarian crisis and contribute to regional instability. The situation underscores the complexities surrounding Israeli-Palestinian relations and the broader geopolitical landscape.

Sagar Kavach: Successful Coastal Security Drill in West Bengal



23-Feb-25

The two-day coastal security exercise, Sagar Kavach, concluded successfully along West Bengal's 158 km coastline, validating the state's coastal security protocols. Coordinated by the Indian Coast Guard and involving multiple forces including the Navy and local police, the exercise simulated various threats such as hijacking and smuggling. The exercise highlighted the importance of inter-agency coordination in addressing the state's unique maritime challenges, particularly given its extensive fishing and industrial activities. Lessons learned will be analyzed for enhancing security measures against evolving threats like terrorism and smuggling, emphasizing India's proactive approach to maritime security.

Military Operations

Russia's Overnight Drone Attack on Ukraine Sets New Record



23-Feb-25

Russia launched a record 267 drones in an overnight attack on Ukraine, marking the largest aerial offensive since the invasion began in February 2022, according to Ukrainian officials. President Zelenskyy condemned this "aerial terror," noting that Ukrainian air defenses intercepted 138 of the drones, while 119 were lost without causing damage. Additionally, Russia's persistent drone assaults aim to exhaust Ukraine's air defenses, with nearly 1,150 drones and various missiles launched in just the past week. The situation highlights the urgent need for unity among Ukraine's allies to ensure a stable and lasting peace, as concerns grow over recent U.S.-Russia diplomatic interactions that

Terrorism and Counterterrorism

J&K Police Uncover Major Terrorist Arms Cache in Reasi District



23-Feb-25

A significant operation by the Jammu and Kashmir Police in the Reasi district has resulted in the discovery of a major terrorist hideout, highlighting the ongoing

efforts to combat militancy in the region. Located in the forested Mahore area near Chakrass, the hideout yielded a cache of arms, including four under barrel grenade launchers, a magazine for an AK assault rifle, 268 rounds of assorted ammunition, and several detonators. Although no arrests have been made yet, this successful operation emphasizes the proactive measures being taken by security forces to neutralize threats in Jammu and Kashmir, showcasing their commitment to maintaining peace and security in the region. Such actions are crucial in disrupting terrorist networks and bolstering the safety of the local population, reinforcing the Indian state's resolve against terrorism.

Six arrested in Manipur for extortion as weapons surrender surge

SHARE

23-Feb-25

Six members of the Kangleipak Communist Party and two from the G5 Organisation were arrested in Manipur for extortion and illegal activities. Following a public appeal by Governor Ajay Kumar Bhalla, a significant surrender of illegally held weapons occurred, with 16 weapons turned in by community members in Churachandpur district, including various rifles and ammunition. Security forces, including Assam Rifles and CRPF, have been conducting operations to recover arms and de-escalate tensions following ethnic violence that has claimed over 250 lives since May 2023. This collaborative approach between authorities and local communities aims to foster peace and safety, encouraging a broader de-weaponization movement that can stabilize the region and promote development.

Knife Attack in Mulhouse: One Dead, Macron Calls It Terrorism

SHARE

23-Feb-25

A knife attack in Mulhouse, France, left one civilian dead and several police officers injured, with the assailant, a 37-year-old on a terror watchlist, reportedly shouting "Allahu Akbar." The attack occurred during a demonstration supporting the Democratic Republic of Congo, with the suspect initially targeting police. French President Macron condemned the incident as an "Islamist terror act" and reaffirmed the government's resolve against terrorism, while the investigation is led by the national anti-terror prosecutors unit. This incident highlights the ongoing challenges France faces in combating domestic terrorism and underscores the importance of vigilance and preventative measures in maintaining public safety.

Key Arrest in Bengal: Fake ID Racket for Bangladeshi Infiltrators

SHARE

23-Feb-25

The West Bengal Police arrested Bipul Adhikari, a key figure in a racket facilitating fake Indian identity documents for Bangladeshi infiltrators. Operating mainly in north Bengal, where border fencing is incomplete, Adhikari reportedly arranged illegal crossings and identity documents for infiltrators, earning income from both activities. Police investigations revealed a systematic process where infiltrators were initially provided safe havens and then issued fake ration cards, leading to other identity documents, including passports. This incident underscores the ongoing challenges India faces with illegal immigration and the necessity for enhanced border security measures to protect national integrity.

Kerala ATS and Tamil Nadu Q-Branch nab wanted Maoist leader

SHARE

23-Feb-25

The Kerala Anti-Terrorist Squad (ATS), in collaboration with Tamil Nadu's Q-Branch, has successfully apprehended Santhosh Coimbatore, a prominent CPI (Maoist) operative, after a prolonged pursuit. Accused in around 45 UAPA cases, Santhosh played a significant role in Maoist activities across the tri-junction of Kerala, Tamil Nadu, and Karnataka. His arrest follows a series of coordinated operations that have effectively diminished Maoist influence in Kerala over the past 12 years, highlighting the effectiveness of joint law enforcement efforts in combating extremism. This operation underscores the commitment of Indian security forces to maintaining internal security and countering insurgent threats.

Miscellaneous

Vice President Warns of Illegal Immigrants Undermining Elections

SHARE

23-Feb-25

Vice President Jagdeep Dhankhar has raised concerns about illegal immigrants influencing India's electoral process, urging citizens to be vigilant. He emphasized the necessity for a nationalistic mindset and called for rigorous investigations into attempts to manipulate democracy, alluding to foreign funding and demographic changes through religious conversions. Highlighting India's rapid economic growth and infrastructural advancements, Dhankhar expressed

optimism about the country's development trajectory. He underscored the importance of social harmony in achieving unity and urged the youth to hold representatives accountable, asserting that commitment to nationalism is vital for India's progress and sovereignty.

Trump to Impose Reciprocal Tariffs on India and China, Reiterates Fair Trade



23-Feb-25

US President Donald Trump announced plans to impose reciprocal tariffs on countries like India and China, emphasizing fairness in trade relations. During a recent interaction with Prime Minister Modi, Trump reiterated that both nations would be charged equally according to their tariffs. This stance aligns with his broader trade policy aimed at recalibrating trade balances with various partners. While such measures could lead to tensions, they also present an opportunity for India to strengthen its indigenous industries and diversify trade partnerships, potentially reducing reliance on the US market and enhancing self-reliance in crucial sectors.

General Upendra Dwivedi Begins Official Visit to France for Defense Cooperation



23-Feb-25

General Upendra Dwivedi, Chief of the Army Staff, is on an official five-day visit to France from February 24 to 27, 2025, to enhance India-France defence cooperation. He will engage with French military leadership, including General Pierre Schill, and explore collaboration opportunities with French defence industries. The itinerary includes visits to the prestigious Ecole Militaire and the 3rd Division of the French Army, along with witnessing live firing exercises of the Scorpion Division. General Dwivedi will pay homage to Indian soldiers at memorials for their contributions in World War I. This visit underscores the strategic partnership between India and France, with a focus on military collaboration and modernization, reflecting India's commitment to evolving its defence capabilities in a complex global landscape.

Nepal Students Protest 'Substandard' Chinese Bicycle Aid



23-Feb-25

Nepali students protested against the Chinese government after receiving bicycles deemed 'substandard' as aid, organized by the National Students' Council-Parsa. The bicycles, distributed to

students in Birgunj, were criticized for their inadequate quality, leading to concerns over the efficacy of foreign aid. This incident underscores the growing dissatisfaction with China's aid efforts in Nepal, which some view as humiliating for the Madheshi community. Such protests reflect broader apprehensions about the quality and intentions behind foreign assistance, potentially influencing Nepal's diplomatic ties and aid agreements moving forward.

Sunil Bharti Mittal Honored with Knighthood for UK-India Ties



23-Feb-25

Sunil Bharti Mittal has been awarded an honorary knighthood by King Charles III in recognition of his significant contributions to enhancing UK-India business relations. The British High Commissioner to India, Lindy Cameron, emphasized Mittal's impactful leadership and investments across sectors like telecommunications and hospitality, which have bolstered the partnership between the two nations, particularly through initiatives such as the India-UK CEO Forum. In his acceptance speech, Mittal expressed both pride and responsibility in receiving the KBE, reiterating his commitment to further strengthening business ties between the two countries. This award underscores the importance of influential business leaders in fostering international collaboration and economic growth.

Sri Lankan Navy Detains 32 Indian Fishermen, Seizes 5 Boats



23-Feb-25

Sri Lankan Navy has arrested 32 Indian fishermen and seized 5 boats, part of a broader trend where 131 fishermen and 18 boats have been apprehended since the start of 2025. These detentions arise from Indian fishermen frequently crossing the International Maritime Boundary Line while fishing in the resource-rich Palk Bay. Fishermen associations in Tamil Nadu have condemned these actions, urging the Indian government to intervene diplomatically to secure the release of the detainees and their boats. This ongoing maritime dispute underscores the need for a permanent resolution to protect the livelihoods of these fishermen and enhance bilateral relations between India and Sri Lanka.

INS Guldar Transformed into India's First Underwater Museum



23-Feb-25

The Indian Navy has handed over the decommissioned INS Guldar to the Maharashtra Tourism Development

Corporation for transformation into India's first underwater museum and artificial reef. This initiative, aimed at enhancing marine conservation and boosting local tourism, involves cleaning the ship to remove hazardous materials before scuttling it near Nivati Rocks, off the coast of Vengurla. Serving for nearly 39 years and participating in over 490 operations, INS Guldar's conversion will preserve its historical legacy while promoting ecological sustainability and creating new recreational opportunities, such as diving and fishing, benefiting local communities economically. This innovative project highlights India's commitment to marine conservation and tourism development.

ISRO's Smart Moon Mission Strategy Earns US Experts' Praise

23-Feb-25

India's ambitious space program, led by ISRO, aims to land an astronaut on the Moon by 2040 and establish a space station by 2035, utilizing a cost-effective strategy involving multiple launches and advanced docking technology rather than a single mega rocket. This approach has garnered praise from experts like Scott Manley, underlining India's capabilities in lunar exploration. The upcoming Chandrayaan-4 mission will be pivotal in developing necessary technologies, while the planned Bharatiya Antariksha Station will enhance scientific research and facilitate future missions. ISRO's focus on mastering docking techniques is crucial for long-term space endeavors, reflecting India's strategic commitment to becoming a key player in global space exploration.

Space Docking Experiment: A Key Step for India's Gaganyaan Mission

23-Feb-25

India's recent Space Docking Experiment (SpaDeX) marks a significant advancement for the Gaganyaan mission, positioning India as the fourth nation to achieve this technology. Space docking enhances mission efficiency by allowing modular spacecraft assembly and enabling resupply operations in orbit, thus extending operational life. The Gaganyaan mission will leverage advanced docking mechanisms, featuring an androgynous design and autonomous capabilities supported by sophisticated sensors. This development not only reinforces India's space exploration efforts but also underscores its growing self-reliance and innovation in aerospace technology, critical for future missions and international collaboration in space.

Avantel Secures ₹5.81 Crore Contract with ISRO's NSIL

SHARE

23-Feb-25

Avantel has secured a contract with ISRO's commercial arm, NSIL, alongside a Comprehensive Annual Maintenance Contract (CAMC) for the Wind Profiler Radar systems at the Satish Dhawan Space Centre, valued at ₹5.81 crores and set to run until January 2030. The company, which specializes in high-tech solutions for the defense and aerospace sectors, is enhancing its portfolio with innovations in software-defined radios and advanced communication technologies. This contract not only underscores Avantel's growing role in India's defense ecosystem but also highlights the strategic collaboration between indigenous tech firms and space agencies, strengthening national capabilities in satellite communications and radar systems.

India's Mars Lander Mission Approved: Aiming for the Red Planet

SHARE

23-Feb-25

India's Mars Lander Mission has been officially approved, aiming to enhance the understanding of Mars' geology and atmosphere through a coordinated lander and rover. Building on the success of the 2014 Mars Orbiter Mission, this initiative reflects India's growing capabilities in space exploration and its commitment to cost-effective missions. The endeavor is part of a broader vision that includes plans for an Indian Space Station by 2035 and lunar aspirations. Successful execution of this mission will not only fortify India's position as a key player in global space research but also contribute significantly to planetary exploration knowledge internationally.

Court Approves ED's Move to Expedite AgustaWestland Trials

SHARE

23-Feb-25

The Rouse Avenue Court has approved the Enforcement Directorate's (ED) request to separate the trials in the AgustaWestland chopper case to expedite proceedings against those who have cooperated in the investigation. The court highlighted the fundamental right to a speedy trial under Article 21 of the Constitution, noting the significant delay since the first prosecution complaint in 2014. With 60 accused in total, 21 have yet to be served summons, complicating the trial process. This case, tied to corruption allegations during the Congress-led UPA Government, underscores the government's commitment to uphold justice and accountability in defense procurement,

crucial for maintaining trust in India's defense procurement processes.

PM Modi urges citizens to embrace science on National Science Day



23-Feb-25

Prime Minister Narendra Modi, during his Mann Ki Baat episode, encouraged citizens to observe National Science Day by spending a day as a scientist, fostering curiosity among youth. He praised ISRO for its recent milestone of 100 successful launches, highlighting its significant achievements, including missions like Chandrayaan and Mangalyaan. Modi noted the increasing participation of women in the space sector and the rise of private space companies, emphasizing the sector's growing appeal among the youth. ISRO Chairman V Narayanan acknowledged the government's support, affirming that the vision for future space exploration is set for the next two decades, showcasing India's commitment to science and technological advancement.

Kash Patel's Oath on Bhagavad Gita Celebrates Indian Heritage



23-Feb-25

Kash Patel, the newly appointed FBI Director, emphasized his Indian heritage by taking his oath on the Bhagavad Gita, a gesture celebrated by his uncle, Krishnakant Patel, as a testament to keeping Indian

culture alive abroad. Krishnakant expressed pride in Kash's achievements, highlighting the significance of his success as a realization of the American Dream for first-generation immigrants. Patel's remarks underscore how individuals can uphold their cultural roots while excelling in foreign lands, reinforcing the narrative of hard work and perseverance. This event symbolizes the positive influence of Indian culture in global leadership roles, showcasing the interconnectedness of diverse backgrounds in American society.

Khalistani Asylum Claims Exposed as Fraud by Deported Punjabi



23-Feb-25

A recently deported Punjabi man revealed the fraudulent nature of Khalistani asylum claims in the US, exposing the lack of genuine political persecution faced by supporters of the Khalistan movement. During a court hearing, the judge highlighted that prominent Khalistani figures hold positions in India and questioned the legitimacy of claims suggesting danger to their supporters. The case unraveled when the court contacted Simranjit Mann's office, which retracted any claims of persecution, leading the judge to declare the asylum application fraudulent. This incident underscores the exploitation of political movements for personal gain, as the international Khalistani narrative faces increasing scrutiny and skepticism in asylum cases.

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