

## Top Gainers

Stock	Close	Prev	Change
APOLLO	100.11	96.31	+3.95%
ASTRAMICRO	799.55	775.55	+3.09%
MAZDOCK	4594.15	4521.55	+1.61%
LT	3724.8	3666.05	+1.6%
DATAPATTNS	2503.4	2466.8	+1.48%

## Top Losers

Stock	Close	Prev	Change
ROSSELLIND	83.9	95.32	-11.98%
KRISHNADEF	630.0	704.25	-10.54%
TEMBO	695.35	730.7	-4.84%
TANEJAERO	418.0	429.95	-2.78%
GRSE	1679.25	1721.35	-2.45%

## Defense Business and Industry

### Kalyani Strategic Systems to Launch ₹2,400 Crore Plant in Andhra Pradesh



01-Dec-24

Kalyani Strategic Systems Limited (KSSL) is establishing a cutting-edge manufacturing unit in Murranahalli, Andhra Pradesh, with an investment of ₹2,400 crore, supported by the state government. This facility, spanning 1,000 acres, will focus on gun propellants and ammunition, catering to both domestic and export markets, and aligns with India's Atmanirbhar Bharat initiative. The project enhances India's defense manufacturing capabilities, positions Andhra Pradesh as a defense hub, and underscores the nation's aspiration to become a global defense leader. By leveraging advanced technology and adhering to high-quality standards, KSSL's plant will significantly strengthen India's defense industry and contribute to national security and economic growth.

### GRSE Launches Advanced Test Facility for Marine Diesel Engines



01-Dec-24

GRSE has commissioned a state-of-the-art test bed for marine diesel engines at its Diesel Engine Plant in Ranchi, enhancing its testing capabilities significantly. This facility, equipped with an indigenously built Water Brake Dynamometer, can conduct full power trials for two diesel engines simultaneously. It is particularly important for the Indian Navy's Next Generation Waterjet Fast Attack Craft project, as GRSE has partnered with Rolls Royce Solutions GmbH to produce

MTU 16V400M73L engines. This development underscores India's commitment to boosting indigenous defense manufacturing and ensuring the reliability and quality of propulsion systems for its future naval fleet.

### GRSE Begins Steel Cutting for Rs 840 Crore Ocean Research Vessel



01-Dec-24

Garden Reach Shipbuilders and Engineers (GRSE) has begun the steel-cutting process for an advanced Ocean Research Vessel (ORV) for the National Centre for Polar & Ocean Research, worth approximately Rs 840 crore. This 89.5-meter vessel will support various scientific operations, enhancing India's capabilities in deep-sea research. GRSE's expertise in building specialized survey vessels is evident from its successful delivery of INS Sandhayak and INS Nirdeshak for the Indian Navy. This project aligns with India's Deep Ocean Mission, reinforcing the country's commitment to oceanographic research and sustainable development, while positioning GRSE as a key player in the defense and maritime sectors.

### MIDHANI Unveils Inconel 718 Superalloy for Advanced Aero Engines



01-Dec-24

MIDHANI has achieved a significant milestone by developing Inconel 718, a high-end superalloy essential for advanced aerospace applications, including India's Kaveri Dry Engine and Small Turbo Fan Engine programs. This accomplishment demonstrates MIDHANI's expertise in metallurgy, with a successful production of a 325 mm diameter alloy with minimal defects. The development not only enhances India's self-sufficiency in high-quality alloys but also aligns with the Make in India initiative, reducing import

dependence and bolstering India's defense and aerospace capabilities. Overall, this breakthrough underlines India's growing capabilities in cutting-edge material science critical for strategic technologies.

## Hyderabad Firm to Produce Indigenous Uttam AESA Radar for Tejas Mk1A



01-Dec-24

Hyderabad-based Astra Microwave Products Limited (AMPL) will manufacture the indigenous Uttam AESA radar for the Tejas Mk1A Light Combat Aircraft, marking a significant move towards self-reliance in India's defense sector. This transition from the Israeli ELTA EL/M-2052 radar to the Uttam radar, designed by DRDO, underscores India's commitment to enhancing its indigenous capabilities under the Make in India initiative. The Uttam AESA radar features advanced T/R modules, enabling multifaceted target tracking and improved situational awareness. This strategic shift not only strengthens India's aerospace capabilities but also reduces dependence on foreign technology, aligning with the nation's broader defense objectives and enhancing overall combat readiness.

## Indian Navy Unveils Indigenously Developed Laser Ordnance Disposal System



01-Dec-24

The Indian Navy has inducted the indigenously developed Laser Ordnance Disposal System (LORDS-N), marking a significant advancement in India's defense capabilities. Designed by DRDO's Centre for High Energy Systems and Sciences, this laser-based system enhances the safe and efficient disposal of unexploded ordnance and outdated ammunition, thus minimizing risks to personnel. Vice Admiral Krishna Swaminathan praised its operational efficiency and critical role in ensuring safety during demining operations and routine maintenance. The introduction of LORDS-N underscores India's commitment to indigenous defense technology, enhancing operational readiness and reinforcing the Navy's ability to manage potential hazards effectively.

## HAL's Dhruv Helicopter Production Nears 500 Units by 2028



01-Dec-24

Hindustan Aeronautics Limited (HAL) is set to reach a production milestone of 500 Advanced Light Helicopter (ALH) Dhruv units by 2028, driven by consistent orders from the Indian Armed Forces, including a recent order of 34 upgraded Mk III variants. The ALH Dhruv, which

has logged over 340,000 flight hours since its inception in 1992, showcases India's growing indigenous aerospace capabilities. The helicopter's enhancements in avionics, powertrain, and versatility make it appealing for both domestic and international markets, positioning it as a cost-effective alternative to Western platforms. HAL's successful export potential further underscores India's strategic aim to bolster defense capabilities while catering to global demand.

## India Achieves Milestone with Long-Range Hypersonic Missile Development



01-Dec-24

India has achieved a significant milestone by successfully testing its first long-range hypersonic missile, positioning itself as a leader in advanced missile technology among nations like the U.S., Russia, and China. This missile, capable of Mach 6 speeds and over 1,500 km range, enhances India's strategic deterrence and military capabilities, particularly against regional threats. Developed by DRDO, it features in-flight maneuverability that allows it to evade detection, marking a "game-changer" for India's defense. Additionally, plans for naval variants promise to bolster maritime security, reinforcing India's position as a formidable regional power amid rising challenges, especially from China's technological advancements.

## Tripura CM Saha: Modi, Shah Committed to Modernizing Armed Forces



01-Dec-24

Tripura Chief Minister Manik Saha emphasized the government's commitment to integrating advanced technology into the armed forces, highlighting Prime Minister Modi and Home Minister Shah's recognition of the sacrifices made by BSF personnel for national security. Modi praised the bravery of security forces, while Shah underscored the importance of modern policing methods to enhance internal security. This proactive stance by the government reflects a dedication to improving the infrastructure and support systems for soldiers, ensuring they are well-equipped to handle evolving threats. Overall, the focus on technological advancements in defense suggests a strategic move towards strengthening India's border security and internal safety mechanisms.

## Geopolitics and Security Alliances

### Italian Navy Chief and Indian Counterpart Boost Maritime Cooperation SHARE

01-Dec-24

Vice Admiral Antonio Natale of the Italian Navy met with Vice Admiral Sanjay J Singh in Mumbai to enhance maritime cooperation and interoperability between India and Italy. The discussions coincided with the visit of the Italian Navy's Sail Training Ship ITS Amerigo Vespucci, which is on a global voyage. The meeting highlighted the growing defense collaboration between the two nations, rooted in their shared cultural heritage and robust trade ties. Such engagements not only strengthen diplomatic relations but also foster multi-domain collaboration, reflecting India's strategic approach to expanding its defense partnerships in the maritime domain, which is crucial for regional stability.

### Zelensky Calls for NATO Support and Arms Before Russia Talks SHARE

01-Dec-24

Ukrainian President Zelensky emphasized the necessity for NATO security guarantees and additional weaponry before engaging in negotiations with Russia, following discussions with EU officials in Kyiv who reaffirmed their commitment to Ukraine. The dialogue included considerations for NATO membership and potential ceasefire terms, underscoring the strategic importance of military support amidst ongoing conflict. Additionally, the impact of former President Trump's stance on U.S. support for Ukraine was noted, suggesting a complex geopolitical landscape. This situation highlights Ukraine's urgent demand for international backing to bolster its defenses before entering peace talks, signaling a pivotal moment in the ongoing conflict with Russia.

### Taiwan Blames China and Russia for Escalating Regional Tensions SHARE

01-Dec-24

Taiwan's Mainland Affairs Council has condemned China and Russia for escalating tensions in the Asia-Pacific, specifically citing Chinese military incursions into Taiwan's airspace and joint military operations with Russia that violate South Korea's air defense zone. These actions have been labeled as irresponsible and a direct threat to regional security and stability. The ongoing collaboration between China and Russia poses not only a risk to Taiwan but also raises concerns for

other nations in the region, highlighting the need for strengthened defense strategies among allies, including India, to counteract such aggressive maneuvers. Enhanced cooperation in defense and strategic dialogues is essential to maintain a balance of power in the region.

### Congress Critiques Modi Government's Lithium Reserve Management SHARE

01-Dec-24

The Congress party criticized the Modi government for its handling of lithium reserves in Jammu and Kashmir, highlighting the cancellation of recent auctions due to insufficient bids and exploration data. Congress leader Jairam Ramesh suggested that the government's initial announcement of discovering one of the world's largest lithium reserves was premature, pointing to a lack of investor interest tied to the region's security situation. This criticism underscores broader concerns regarding the government's ability to effectively manage and promote vital resources in a sensitive geopolitical context, emphasizing the need for improved data and security measures to attract investment in critical sectors like lithium mining.

### BSF South Bengal Strengthens Ties with Border Guard Bangladesh SHARE

01-Dec-24

The BSF South Bengal Frontier has strengthened bilateral relations with the Border Guard Bangladesh to enhance boundary management and regional stability, conducting high-level meetings throughout the year. Recent violence against Hindus and temple attacks in Bangladesh has raised concerns for India, prompting calls for the protection of minorities by the Bangladesh government. This situation highlights the importance of India-Bangladesh cooperation in ensuring security and safeguarding minority rights, as strong ties between border forces can serve as a stabilizing factor in the region. Overall, proactive engagement and dialogue are crucial for maintaining peace and protecting vulnerable communities along the border.

### Armenia and India Aim to Strengthen Defense Cooperation in Delhi SHARE

01-Dec-24

The recent meeting between Armenian and Indian Defence Ministers in New Delhi underscores Armenia's intent to strengthen military ties with India amid delays in Russian arms deliveries. Armenia has significantly increased its defense procurement from India, totaling about \$600 million since 2020, including advanced

systems like the Akash air defense. This partnership not only enhances Armenia's military capabilities and autonomy but also strategically positions India to counteract influences from Pakistan and Turkey in the South Caucasus. Ultimately, this collaboration reflects a mutual interest in reshaping regional power dynamics and diversifying defense partnerships for both nations.

## Military Operations

### BSF Strengthens Jammu Defense with 2 New Battalions Against Infiltration



01-Dec-24

The Border Security Force (BSF) has deployed two additional battalions, comprising over 2,000 personnel, in Jammu to bolster defenses against infiltration from Pakistan amid rising terrorist activities. These troops are strategically positioned around Samba and the Jammu-Punjab border, enhanced by CCTV surveillance, following a series of deadly attacks. This deployment underscores India's commitment to securing its borders and countering potential threats, reflecting a proactive approach to national security. The increased military presence is a crucial measure to deter infiltration attempts and enhance overall stability in the region, highlighting the BSF's essential role in safeguarding India's territorial integrity.

### India and Malaysia to kick off Harimau Shakti military exercise on Dec 2



01-Dec-24

India and Malaysia are set to conduct the Harimau Shakti 2024 joint military exercise from December 2 to 15 at Bentong Camp in Kuala Lumpur, focusing on enhancing interoperability for sub-conventional operations under the UN mandate. This exercise aims to strengthen defense cooperation and bilateral relations between the two nations, following the 2023 exercise held in India. Concurrently, the Agni Warrior 2024 exercise with Singapore recently concluded, emphasizing joint firepower and the integration of new-generation artillery equipment. These initiatives underscore India's commitment to fostering strategic partnerships in the region, facilitating joint tactical capabilities, and promoting global peace through collaborative military efforts.

### India and Cambodia Launch Joint Counter-Terrorism Exercise in Pune



01-Dec-24

The inaugural Joint Table Top Exercise, CINBAX, between the Indian Army and the Royal Cambodian Armed Forces commenced in Pune from December 1 to December 8, 2024, involving 20 personnel from each side. The exercise aims to enhance collaboration through wargaming joint counter-terrorism operations under the UN Charter, focusing on establishing a Joint Training Task Force for intelligence and operational planning. It comprises three phases: preparation, execution of tabletop exercises, and finalization of plans. Additionally, it emphasizes India's commitment to defense diplomacy and regional security cooperation, showcasing indigenous defense capabilities and fostering interoperability between the two armies, thereby strengthening ties with Southeast Asian nations in line with India's broader Indo-Pacific strategy.

### India-Singapore Agni Warrior Exercise Boosts Military Ties



01-Dec-24

The recent conclusion of the 13th edition of the joint military exercise Agni Warrior 2024 between the Indian Army and the Singapore Armed Forces highlighted enhanced defense cooperation and interoperability. Conducted at Devlali, Maharashtra, the three-day exercise involved 182 Singaporean personnel and 114 Indian personnel from the Regiment of Artillery, focusing on maximizing mutual understanding of military drills and procedures under the United Nations Charter. Senior military officials commended the professionalism and expertise of the troops, emphasizing the successful training in joint firepower planning and execution. The exercise underscored the importance of evolving a common interface between the artillery procedures of both nations, utilizing advanced technologies and sharing best practices, which fortifies the strategic partnership and regional security collaboration between India and Singapore.



## Terrorism and Counterterrorism

### Hurriyat Demands Reinstatement of Employees Dismissed for Terror Links

Links  SHARE

01-Dec-24

Hurriyat Conference chairman Mirwaiz Umar Farooq has urged the Jammu and Kashmir government, led by Chief Minister Omar Abdullah, to reinstate employees dismissed over alleged terror links, criticizing the recent terminations as unjust and authoritarian. This call follows the dismissal of two employees, invoked under Article 311 (2) (c) of the Constitution after investigations indicated their involvement in terrorism. Farooq claims these actions have left families destitute before the harsh winter, emphasizing a need for legal recourse in such cases. The situation underscores ongoing tensions in the region regarding governance and the balance between national security and individual rights.

### Violent Sunni-Shia Clashes Claim 130 Lives in Khyber Pakhtunkhwa

01-Dec-24

Recent clashes between Sunni and Shia communities in Khyber Pakhtunkhwa, Pakistan, have resulted in at least 130 fatalities and 186 injuries, with violence persisting despite previous ceasefire attempts. The ongoing turmoil has led to the closure of major transport routes, causing significant shortages of essential supplies and a communication blackout due to suspended services. Local authorities, including the Deputy Commissioner and Governor, are advocating for community cooperation and local leadership to restore order and reopen transport routes. This situation underscores the fragility of security in the region, reflecting the broader challenges Pakistan faces in managing sectarian violence and maintaining stability.

## Cybersecurity and Information Warfare

### Modi Advocates Smart Policing to Tackle Cyber Threats

01-Dec-24

Prime Minister Modi has called for enhanced policing strategies to combat rising cyber threats, urging police leadership to utilize AI and modern technologies. He emphasized the need for comprehensive

documentation and the scaling of successful urban policing initiatives across 100 cities to establish a robust law enforcement framework in the digital era. Modi highlighted the increasing sophistication of cybercriminals, underlining the necessity for adaptive strategies to maintain an edge in cyber security. This proactive approach not only strengthens internal security but also reflects India's commitment to leveraging technology in law enforcement, ensuring resilience against evolving cyber threats.

## Mil Personnel & Veterans

### BSF: Guardians of Bharat's Honor and National Security

01-Dec-24

Union Home Minister Amit Shah and Prime Minister Narendra Modi paid tribute to the Border Security Force (BSF) on its Raising Day, emphasizing its critical role in safeguarding India's borders with Pakistan and Bangladesh since its establishment in 1965. Shah highlighted the BSF's courage, selflessness, and sacrifices, stating that the soldiers have safeguarded the honor and ambitions of Bharat, serving as an inspiration for generations. Rahul Gandhi also extended his greetings, acknowledging the BSF as India's first line of defense and honoring their unwavering commitment. With nearly 2.65 lakh personnel, the BSF stands as the world's largest border guarding force, crucial for national security, prevention of illegal activities, and counter-insurgency operations, underscoring its importance in maintaining India's territorial integrity and peace along the borders.

### IAF Chief urges NDA cadets to leverage training for future ops

01-Dec-24

Air Chief Marshal Amar Preet Singh emphasized the importance of utilizing the training and bonds formed at the National Defence Academy (NDA) for future military operations during the Passing Out Parade of the 147th course. He highlighted the NDA's role as a premier institution in shaping leadership and jointness among future military leaders. The Air Chief stressed the responsibility of cadets to uphold integrity, courage, and honor in their careers, as they prepare to lead motivated teams in safeguarding India's territorial integrity. The parade saw 1,265 cadets participate, with distinctions awarded to high achievers, including Cadet Ankit, who earned the President's gold medal.

## Miscellaneous

### Indian-American Kash Patel Nominated for FBI Director Role SHARE

01-Dec-24

Kash Patel, an Indian-American and close confidante of former President Donald Trump, has been nominated for the position of FBI Director, potentially making him the highest-ranking Indian-American in the U.S. administration. Trump commended Patel's legal acumen and his role in exposing alleged corruption, particularly regarding the "Russia Hoax." Patel, whose family hails from Gujarat, has a significant background in law and counterterrorism, having served in various high-profile roles within the U.S. government, including as Chief of Staff at the Department of Defense. He has emphasized the importance of strong U.S.-India relations, contrasting them with what he perceives as a decline under the Biden administration, while also criticizing the entrenched bureaucracy that he believes undermines accountability within the government. His nomination reflects a broader narrative of increasing influence and recognition of the Indian diaspora in U.S. governance.

### CBI to Seek US Help from Detective in Bofors Bribery Case SHARE

01-Dec-24

The CBI is set to request information from US private investigator Michael Hershman regarding the Bofors bribery scandal, a politically sensitive case involving a Rs 64-crore bribe linked to a 1980s arms deal. Despite previous attempts to seek information from US authorities yielding no results, the agency plans to send a formal Letter Rogatory, expected to take about 90 days. Hershman, who claims the investigation was obstructed by the Congress government, has indicated his willingness to assist the CBI in reopening the case. This renewed effort underscores India's commitment to accountability in defense procurement, reflecting a strong stance against corruption within its defense sector.

### Srinagar Police Raid Suspects to Curb Seditious Propaganda SHARE

01-Dec-24

Police in Srinagar conducted raids in the Batamaloo and HMT areas targeting suspects accused of spreading seditious propaganda designed to incite violence. The operations followed an investigation

under the Unlawful Activities (Prevention) Act, leading to the seizure of incriminating materials and electronic devices. Authorities emphasized the need for responsible social media use to prevent the dissemination of false narratives that could mislead the youth into committing acts of terror. This proactive approach highlights the Indian security forces' commitment to maintaining public order and countering adversarial influence in sensitive regions.

### BSF Detains 675 Illegal Immigrants in Tripura, Including 55 Rohingyas SHARE

01-Dec-24

In 2024, the Border Security Force (BSF) apprehended 675 illegal immigrants in Tripura, comprising 620 Bangladeshi nationals and 55 Rohingyas, amidst rising migration pressures linked to unrest in Bangladesh. Alongside these apprehensions, the BSF seized significant quantities of illegal substances, including phensedyl syrup, ganja, and yaba tablets, highlighting the dual challenge of border security and drug trafficking. The BSF has intensified operations to manage this influx and has collaborated with local authorities to ensure border security and facilitate the safe return of Indian nationals during disturbances in Bangladesh. This situation underscores the critical need for vigilant border management as India seeks to maintain security and stability in the region while addressing humanitarian concerns.

### NewSpace's ARKA Set for 7-Day Endurance Test in Defense Innovation SHARE

01-Dec-24

Bengaluru-based NewSpace Research and Technologies Pvt. Ltd. has rebranded its High-Altitude Pseudo-Satellite project as ARKA and is preparing for a significant 7-day endurance demonstration, following a successful 21-hour flight. This initiative, part of the Innovation for Defence Excellence (iDEX) program, aims to develop a solar-powered system capable of sustained high-altitude operations for border surveillance and communication. The strategic value of ARKA lies in its cost-effectiveness and extended operational capabilities, underscoring India's commitment to bolstering its defense technology and innovation landscape. Such projects enhance India's defense readiness and highlight its potential as a key player in advanced aerial platforms.

## Tripura Minister Reports Attack on Indian Bus in Bangladesh



01-Dec-24

Tripura's Transport Minister Sushanta Chowdhury reported that a bus traveling from Agartala to Kolkata was attacked in Bangladesh's Brahmanbaria district, causing panic among Indian passengers. The incident involved a truck colliding with the bus, leading to threats and anti-India slogans from locals. Chief Minister Manik Saha expressed concerns over the safety of minorities in Bangladesh and directed the Border Security Force to increase vigilance along the border. The attack raises significant issues regarding the safety of Indian nationals abroad and emphasizes the need for diplomatic engagement to ensure the protection of Indian citizens while traveling in neighboring countries.

## Jaishankar: Embrace Nuanced History Over Political Cherry-Picking



01-Dec-24

External Affairs Minister S. Jaishankar highlighted the complexity of historical narratives, specifically regarding Tipu Sultan, noting that contemporary politics often cherry-picks facts to shape specific narratives. At the launch of Vikram Sampath's book on the ruler, he emphasized the necessity for open-minded scholarship and genuine debate to foster a pluralistic society. Jaishankar asserted that recent political changes have allowed for alternative perspectives, urging a balanced understanding of history that does not cater to political convenience. His remarks underline the importance of confronting "airbrushed" historical accounts to promote a more nuanced discourse in India's democratic evolution.

## UK MP Jim Shannon Slams Religious Persecution in Pakistan



01-Dec-24

UK MP Jim Shannon has condemned the severe religious persecution faced by minorities in Pakistan, highlighting alarming incidents of violence and discrimination stemming from misuse of blasphemy laws, which have reportedly led to over 70 violent acts against Christians in 2024 alone. He criticized Pakistani authorities for their failure to protect these vulnerable communities and called for international action to uphold human rights standards, particularly Article 18 of the Universal Declaration of Human Rights, which safeguards freedom of religion. This situation underscores the need for global awareness and intervention to ensure the safety and dignity of religious

minorities in Pakistan, reflecting a broader concern over human rights in the region.

## Court Limits Pro-Khalistan Protests Near Toronto Hindu Temple



01-Dec-24

A Canadian court has restricted pro-Khalistan gatherings within a 100-meter radius of a Hindu temple in Toronto, aiming to ensure safety and prevent intimidation, particularly towards elderly attendees. This ruling follows past incidents of disruptions, including a violent protest at a Hindu temple in Brampton. The Indo-Canadian community largely supports the decision, viewing it as a reinforcement of religious freedom and community safety, with organizations like the Hindu Cultural Society expressing relief. This situation highlights the ongoing tensions surrounding Khalistani activism abroad and reinforces the importance of safeguarding religious practices from political protests.

## Vivek Ramaswamy Criticizes NYC's \$220M Rent for Pakistani Hotel



01-Dec-24

New York City has come under fire for a \$220 million deal to rent a government-owned hotel from Pakistan to accommodate illegal migrants, drawing sharp criticism from figures like Indian-origin U.S. leader Vivek Ramaswamy, who labeled the arrangement as "nuts." He emphasized that taxpayers are essentially funding a foreign government while the lease is connected to a broader \$1.1 billion IMF bailout package aimed at preventing Pakistan from defaulting on international debt. This situation raises concerns about U.S. taxpayer money being utilized to support a foreign entity amidst domestic challenges, highlighting a need for more prudent resource management in addressing migration issues.

## Sonowal and Italian Minister Urso Strengthen Maritime Ties



01-Dec-24

Union Minister Sonowal and Italian Minister Urso discussed strengthening bilateral ties, particularly in maritime sectors, leveraging Italy's shipbuilding expertise. The collaboration aims to enhance India's National Maritime Heritage Complex and broader economic initiatives like the India-Middle East-Europe Economic Corridor, facilitating improved trade routes. They proposed establishing a "Cotton Route" to rival China's "Silk Route," focusing on investments in ports and digital infrastructure. This partnership not only fosters economic growth but also deepens India's

strategic maritime capabilities, aligning with its vision of enhancing regional connectivity and fortifying defense collaborations through international cooperation in critical sectors.

## ISRO's Bharatiya Antariksha Station to Host Three Astronauts



01-Dec-24

ISRO has announced that the Bharatiya Antariksha Station (BAS) will initially support three astronauts, with plans to expand this capacity to six. Weighing

approximately 52 tons and orbiting at 400-450 kilometers, the station will consist of five modules aimed at conducting microgravity research, life sciences studies, and technological demonstrations. This initiative positions India as a significant player in international space exploration, enhancing scientific research and promoting space tourism. The BAS will also inspire future generations in space science, reflecting India's commitment to sustainable habitats and extended human missions beyond Earth, while contributing to global scientific collaboration.

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# Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
APOLLO	96.31	101.3	95.6	100.11	3350877	3.95	55.94	97.14	107.47
ASTRAMICRO	781.0	804.0	770.1	799.55	238449	3.09	55.64	771.64	785.14
MAZDOCK	4511.0	4690.0	4413.7	4594.15	3127301	1.61	66.08	4155.93	3578.49
LT	3635.1	3750.0	3635.1	3724.8	2094305	1.6	60.11	3616.24	3583.94
DATAPATNS	2469.1	2516.95	2432.85	2503.4	155343	1.48	61.03	2330.03	2693.07
MIDHANI	341.8	349.65	337.0	346.4	509410	1.39	56.37	327.53	413.81
CFF	693.95	693.95	668.0	683.75	10800	1.34	63.73	633.02	599.66
NIBE	1680.0	1750.0	1650.0	1709.95	23806	1.31	48.19	1751.89	1701.4
HIGHENE	594.8	608.0	588.0	595.0	7375	1.12	43.95	614.45	709.69
ADANIENT	2464.05	2520.0	2400.0	2463.15	8191680	1.07	40.2	2691.51	3068.91
BEL	305.7	310.6	305.0	308.0	23241947	0.74	64.24	291.05	268.18
MTARTECH	1780.95	1810.0	1773.5	1787.65	96859	0.44	63.47	1680.69	1812.96
ZENTEC	1912.0	1914.0	1879.35	1897.4	156276	0.26	59.59	1826.63	1342.11
BHARATFORG	1332.0	1345.85	1325.95	1332.25	705598	0.23	39.5	1366.37	1434.18
HAL	4459.0	4499.0	4420.7	4476.85	967791	0.22	59.24	4268.66	4303.11
DCXINDIA	335.0	342.0	331.1	335.45	275716	0.18	55.38	331.22	333.23
LOKESHMACH	362.0	365.2	356.9	360.35	35539	0.18	50.24	356.2	389.65
AZAD	1739.95	1780.0	1720.0	1729.65	196622	0.18	64.48	1625.3	1489.06
PTC	173.85	175.27	172.01	173.65	933352	-0.01	46.48	174.34	203.86
COCHINSHIP	1579.25	1585.0	1510.75	1577.3	750162	-0.12	60.11	1432.2	1641.15
IDEAFORGE	574.0	579.75	570.55	572.9	78131	-0.19	40.52	583.44	704.93
HBLPOWER	631.85	631.85	613.7	623.65	1125011	-0.44	63.9	565.28	549.67
AVANTEL	158.4	158.75	155.33	156.55	461412	-0.46	45.15	158.71	-
SIKA	2482.05	2549.95	2482.05	2523.2	982	-0.47	50.95	2509.81	2400.6
PARAS	1086.9	1086.9	1062.25	1074.6	104891	-0.63	57.26	1019.12	1000.52
BEML	4294.0	4322.5	4212.15	4239.5	407341	-0.69	62.88	4002.21	3844.12
MARINE	268.0	275.0	254.31	262.09	692842	-1.02	66.99	232.31	176.03
PREMEXPLN	471.7	471.8	455.3	461.8	106334	-1.23	51.72	447.6	502.97
BDL	1169.95	1170.0	1132.05	1150.0	786403	-1.71	60.38	1038.27	1176.29
SOLARINDS	10950.0	11142.95	10628.15	10681.2	109191	-1.95	56.14	10140.66	9742.88
GRSE	1719.95	1719.95	1640.45	1679.25	1003122	-2.45	59.58	1518.02	1495.88
TANEJAERO	429.95	440.0	417.0	418.0	20623	-2.78	46.56	413.53	490.9
TEMBO	0.0	695.35	695.35	695.35	18332	-4.84	76.91	554.48	311.81
KRISHNADEF	0.0	634.0	630.0	630.0	51000	-10.54	39.65	680.49	590.96
ROSSELLIND	0.0	83.9	83.9	83.9	4329	-11.98	25.47	91.46	426.72