



DAILY CURRENT AFFAIRS

> 03 SEPTEMBER 2025

NATIONAL AFFAIRS

1. Union Minister Amit Shah Concludes Two-Day Visit to Gujarat with Launch of Janrakshak Project and 112 Emergency Helpline.



Between August 30 and 31, 2025, Union Minister Amit Shah, currently serving as the Home Minister and Minister of Cooperation of India, carried out an impactful two-day visit to Ahmedabad and surrounding regions in Gujarat. This visit included participation in cultural events, public outreach, and inaugurations aimed at enhancing emergency services, infrastructure, and political groundwork.

- Amit Shah arrived in Ahmedabad on the evening of August 30 and immediately attended two public Ganesh Mahotsav festivities in the Jodhpur and Vastrapur areas of the city. These appearances reinforced his connection with cultural traditions and its appeal to local constituents, highlighting the significance of grassroots outreach during the festive season.

- On August 31, the Home Minister launched the “Janrakshak Project,” a major public safety initiative aimed at streamlining emergency response systems across the state by introducing the 112 unified helpline number. As part of this initiative, Shah flagged off 500 ‘Janrakshak’ vehicles, which are intended to deliver swift

assistance during emergencies such as police, fire, and medical incidents.

- The visit came on the heels of Prime Minister Narendra Modi’s recent tour of Gujarat and coincides with internal discussions for a potential Cabinet reshuffle and installation of a new state BJP president. Analysts interpret Shah’s tour as part of broader election preparations, signaling strategic moves ahead of legislative elections in Gujarat.

Key Points:-

(i) Amit Shah’s visit reinforced the BJP’s focus on performance-driven governance and efficiency. By launching a state-wide emergency service and engaging in festive outreach, the Home Minister struck a balance between welfare-based interventions and electoral posturing—building both administrative credibility and local rapport.

(ii) The Janrakshak fleet, along with the 112 emergency number, indicates a shift toward integrated emergency response. This project is expected to significantly bolster Gujarat’s disaster and crisis management capabilities while serving as a model for scalable urban emergency solutions.

(iii) By inaugurating a robust emergency infrastructure and participating actively in vibrant cultural gatherings, Amit Shah effectively blended administrative action with people’s connect. His presence underscored the federal government’s commitment to public welfare, regional out-reach, and strategic mobilization in the state ahead of political transition.

2. WaveX and IICT Mumbai Launched Media Tech Incubator to Boost AVGC-XR Startups.



In August 2025, WaveX, an initiative of the Ministry of Information and Broadcasting (MIB) in partnership with the Indian Institute of Creative Technologies (IICT), Mumbai, Maharashtra, launched the Media Tech Startup Incubator. This incubator is designed to accelerate Animation, Visual Effects, Gaming, Comics, and Extended Reality (AVGC-XR) startups across India.

- The Media Tech Startup Incubator will function on a two-phase model, namely the Active Phase and the Passive Phase, to provide structured support to high-potential ventures. During the Active Phase, startups will receive business modeling, fundraising, product development, media regulation guidance, and access to sandbox testing opportunities in OTT (Over The Top), VFX (Visual Effects), VR (Virtual Reality), gaming, animation, and post-production.

- The Passive Phase of the incubator will include global showcases through Waves Bazaar, along with mentorship opportunities and industry networking sessions. This ensures startups gain long-term visibility and investor outreach beyond their initial incubation stage.

- The incubator will offer state-of-the-art facilities, including co-working spaces, audiovisual/digital labs, high-speed LAN/Wi-Fi,

hosting servers, and cloud services from Amazon Web Services (AWS), Google Cloud, and Microsoft Azure. Global partnerships with tech giants such as Google, Microsoft, Amazon, and Meta will provide mentorship, investment, and technical expertise.

Key Points:-

(i) The first batch will consist of 15 startups, which will be incubated at IICT Mumbai with a monthly fee of ₹8,500 inclusive of Goods and Services Tax (GST). Startups will also receive quarterly-based reviews and mentoring directly under the supervision of the Ministry of Information and Broadcasting.

(ii) The last date to apply for the first batch is September 07, 2025, marking the formal commencement of this flagship incubation program aimed at strengthening India's creative economy and promoting entrepreneurship in the AVGC-XR ecosystem.

3. IEPFA Launches Niveshak Didi Phase II to Empower Rural Women through Financial Literacy.



The Investor Education and Protection Fund Authority (IEPFA), under the Ministry of

Corporate Affairs, partnered with India Post Payments Bank (IPPB), under the Department of Posts, Ministry of Communications, to initiate Phase II of the “Niveshak Didi” programme on April 8–9, 2025. The expansion aims to deepen financial inclusion and education among rural and underserved women across India.

- Phase II expands the initiative which was first launched in 2022, building on Phase I’s success—where over 55,000 beneficiaries participated in IPPB financial literacy camps across India and around 60% of them were women in economically active age groups, two-thirds of whom came from remote rural areas.

- The Memorandum of Agreement (MoA) signed between IEPFA and IPPB was executed in New Delhi on April 8, 2025, marking a strategic deepening of efforts to equip rural women with financial skills.

- Phase II mandates the establishment of more than 4,000 financial literacy camps across the country led by nearly 40,000 trained women postal workers—referred to as “Niveshak Didis”—who will serve as community financial educators.

Key Points:-

(i) Curriculum for these camps focuses on responsible investing, savings habits, digital banking tools in vernacular languages, and measures to prevent fraud, thereby promoting informed money management and secure digital inclusion.

(ii) Leadership and advocacy for the programme come from Smt. Anita Shah Akella, CEO of IEPFA and Joint Secretary in the Ministry of Corporate Affairs, and Gursharan Rai Bansal, Chief General Manager & CSMO of IPPB. Both

underscored that empowering local women as financial influencers creates community-wide impact.

(iii) This collaboration aligns with the broader agenda of inclusive growth and grassroots empowerment, reinforcing the government’s commitment to bridging financial literacy gaps and extending accessible banking to every doorstep nationwide.

4. NCERT Marks 65th Foundation Day by Launching Bal Vatika Channel, DIKSHA 2.0, PRASHAST 2.0 and More in New Delhi.



Recently on September 1, 2025, the National Council of Educational Research and Training (NCERT) celebrated its 65th Foundation Day at its headquarters in New Delhi, unveiling key initiatives under the Ministry of Education (MoE) to enhance foundational, digital, and inclusive learning in line with the National Education Policy 2020 (NEP 2020).

- One of the major highlights of the event, graced by Union Education Minister Dharmendra Pradhan along with Sanjay Kumar, Secretary of the Department of School Education & Literacy (DoSE&L), was the launch of Bal Vatika, a dedicated PM eVidya DTH

channel (Channel No. 35), offering engaging audio-visual content for children aged 3–6, as well as Anganwadi workers, teachers, and parents to promote foundational literacy and numeracy skills.

- The upgraded DIKSHA 2.0 platform was unveiled, delivering structured lessons, adaptive assessments, and performance feedback, with AI-powered features like Read Aloud, Closed Captioning, and automatic translation into 12 Indian languages, thereby promoting inclusive, digital-first education.

- NCERT also introduced PRASHAST 2.0, an enhanced pre-assessment screening tool for early identification of children with disabilities; this tool integrates seamlessly with national portals like UDISE+, APAAR, and the Swavlamban Card to ensure effective follow-up and support.

Key Points:-

(i) Adding to the momentum, the institution inaugurated its new entrance complex located on Aurobindo Marg in New Delhi, published primers in Hindi, Sanskrit, Ho-Hindi, and Koya languages, launched the PM eVidya mobile app as a centralized learning gateway, and set up Virtual Reality (VR) labs at four NCERT demonstration schools.

(ii) NCERT also rolled out Kitab Ek Padhe Anek, an initiative based on a Universal Design for Learning to create inclusive textbooks for Classes 1 and 2, and released Utkal Jananinkara Sujogya Santana, a book profiling 100 notable Odia figures who contributed to the state and India's freedom movement; additionally, PSSCIVE launched a handbook for functionaries on vocational education to align with NEP 2020's focus on

skill-based learning.

(iii) Celebrating five years of NEP 2020, NCERT reaffirmed its leadership in education reform, citing its recent contributions such as the National Curriculum Framework for School Education (NCF-SE 2023) and the Foundational Stage Framework (NCF-FS 2022), positioning itself as a catalyst for systemic change.

INTERNATIONAL

1. Exercise Maitree 2025: India and Thailand Begin 14th Joint Military Exercise in Meghalaya.



The 14th edition of Exercise Maitree, a bilateral joint military drill between the Indian Army (IA) and the Royal Thai Army (RTA), commenced on September 1, 2025, at the Foreign Training Node (FTN) in Umroi, Meghalaya. The exercise will continue till September 14, 2025, focusing on counter-terrorism and peacekeeping operations.

- The Exercise Maitree was first initiated in 2006 and is conducted alternatively by India and Thailand. The word "Maitree" translates to "friendship" in both Sanskrit and Thai, symbolizing the long-standing cultural and strategic partnership between the two nations.

- The 13th edition was hosted in Thailand at Fort Vachiraprakan in Tak Province.
- This year's edition emphasizes tactical coordination in counter-terrorism and counter-insurgency operations across semi-urban and jungle terrains. The exercise also aligns with United Nations (UN) peacekeeping standards, aiming to strengthen bilateral defence cooperation while enhancing interoperability between both armies.

Key Points:-

- Participation in Exercise Maitree 2025 includes infantry components from both sides, with each contingent consisting of around 50–76 soldiers. The drills are designed to develop joint decision-making, planning, and execution of operations while reinforcing cooperation in the Indo-Pacific and the Association of Southeast Asian Nations (ASEAN) region.
- Training activities in this edition include the use of modern tactics such as drone and counter-drone operations, jungle warfare manoeuvres, live firing exercises, close-quarter battle training, and mission simulations including hostage rescue, evacuation drills, and cordon-and-search operations. These drills are vital in strengthening combat readiness and coordination.
- The significance of this edition is marked by the fact that India is hosting Exercise Maitree after a gap of five years, the last being in 2019. This reaffirms India's commitment to enhancing military partnerships with ASEAN countries and reflects growing collaboration in maintaining regional peace and stability.

BANKING & FINANCE

1. SBI and AFD Sign €100 Million Line of Credit to Boost Green Financing in India.



On August 30, 2025, the State Bank of India (SBI) and Agence Française de Développement (AFD) formalized a €100 million (approximately ₹900 crore) Line of Credit (LoC) agreement at SBI's GIFT City branch in Gandhinagar, Gujarat. This collaboration aims to accelerate India's transition to a low-carbon economy by supporting climate mitigation and adaptation projects.

- The funds from this LoC will be directed towards initiatives that reduce greenhouse gas emissions and enhance resilience to climate-related risks. SBI has set an ambitious target to increase its green loan portfolio to 7.5–10% of its domestic advances by 2030, aligning with national and international climate goals.
- The partnership also allows SBI to leverage AFD's global expertise in green technology, project structuring, and environmental, social, and governance (ESG) practices.

Key Points:-

- As of June 2025, SBI, India's largest lender, holds a deposit base exceeding ₹54.7 lakh crore. The bank has been

actively raising LoCs from multilateral and development finance institutions to support sustainable activities. Through this collaboration with AFD, SBI aims to advance its green finance roadmap and enable impactful climate solutions across India.

(ii) The agreement was finalized at SBI's GIFT City branch in Gandhinagar, Gujarat, on August 30, 2025.

(iii) This strategic move underscores SBI's commitment to financing sustainable growth and achieving a green portfolio constituting 7.5–10% of its domestic gross advances by 2030. The partnership reflects an unwavering commitment to sustainability and the vision of a developed India by 2047.

2. India Post Payments Bank Marks 8th Foundation Day, Crosses 12 Crore Customer Milestone.



On September 1, 2025, India Post Payments Bank (IPPB)—a payments bank under the Department of Posts, Ministry of Communications—celebrated its 8th Foundation Day with a reaffirmed mission to deliver “banking anytime, anywhere, at your doorstep,” having surpassed 12 crore customer accounts nationwide

- On the occasion, IPPB highlighted the success of its doorstep banking model, achieved through its vast network of approximately 1.64 lakh post offices and over 1.9 lakh Postmen and Gramin Dak Sevaks (GDS), effectively turning them into “bankers at the doorstep” and extending financial services to India’s remotest corners.

- IPPB has consistently integrated innovation into its services by offering digital solutions such as DigiSmart (digital savings accounts), Premium Aarogya Savings Account (linking financial services with health benefits), and Aadhaar-based Face Authentication to enable paperless, secure, and seamless banking access.

- Speaking on the occasion, Ms. Vandita Kaul, Chairman of IPPB, emphasized that IPPB has transformed the vision of financial inclusion into a tangible reality by empowering over 12 crore citizens, a move she described as “banking at the doorstep for all”.

Key Points:-

(i) Dr. R. Viswesvaran, MD & CEO of IPPB, reflected on the bank’s journey, noting that transactions worth lakhs of crores have occurred through the doorstep model, underlining IPPB’s evolving role in building an inclusive financial ecosystem.

(i) As IPPB enters its ninth year, it reaffirmed its commitment to not only expanding its customer base but also deepening digital inclusion and innovation, reinforcing its position as a global benchmark in last-mile banking delivery.

ECONOMY & BUSINESS

1. India’s GST Collection Rises to ₹1.86 Trillion in August.



Recently, on September 1, 2025, the Government of India announced that Goods and Services Tax (GST) collections for August reached ₹1.86 trillion, marking a 6.5% year-on-year growth. This uptick, revealed by the Ministry of Finance, underscores sustained domestic economic momentum and robust tax compliance.

- The gross GST revenue of ₹1.86 lakh crore (₹1.86 trillion) in August reflects stronger internal consumption and pricing power, as the entire growth stemmed from domestic sources rather than imports, reinforcing an improving tax base. In comparison to the previous month, July's GST intake stood at ₹1.95–1.96 lakh crore, signaling slightly softer growth in August but still consistent with robust monthly performance.

- Finance Minister Smt. Nirmala Sitharaman, who also holds the Ministry of Corporate Affairs portfolio, highlighted August collections during Cabinet discussions, reinforcing the government's resolve to push ahead with Next-Gen GST reforms.

Key Points:-

(i) GST revenue collections underpinning economic resilience are particularly significant ahead of the upcoming 56th GST Council meeting set for September 3–4 in

New Delhi. Key reform proposals, including rationalisation of tax slabs and streamlining compliance, are on the agenda.

(i) The improved GST performance supports projected gains for states under GST 2.0, with SBI Research estimating state revenues may exceed ₹14 lakh crore in the ongoing fiscal year under the new reform framework.

(iii) The Central Board of Indirect Taxes and Customs (CBIC), under the Department of Revenue, Ministry of Finance, continues to implement technological enhancements in GST administration—such as e-invoicing and real-time Input Tax Credit (ITC) reconciliation—to further boost revenue efficiency.

APPOINTMENTS & RESIGNATIONS

1. Government Appoints T.C.A. Kalyani as 29th Controller General of Accounts (CGA) with Immediate Effect.



On September 1, 2025, the Ministry of Finance, Government of India, announced the appointment of Smt. T.C.A. Kalyani as the 29th Controller General of Accounts (CGA). A 1991-batch officer of the Indian Civil Accounts Service (ICAS), she succeeds Shri S.S. Dubey, who held the position since

March 2023. This appointment underscores the government's commitment to strengthening public financial management and enhancing transparency in government accounting.

- **Smt. T.C.A. Kalyani is a distinguished alumnus of the University of Delhi, where she graduated with a B.A. in Political Science from Lady Shri Ram College, earning a Gold Medal for her academic excellence. She further pursued advanced studies at Jawaharlal Nehru University (JNU), completing a Master's degree in International Politics and an M. Phil. in West European Studies.**

- **Over her illustrious career spanning more than three decades, Kalyani has held significant positions across various ministries, including Defence, Finance, Telecom, Fertilizers, Home Affairs, and Information & Broadcasting. Her extensive experience in public financial management and governance has been instrumental in driving reforms and enhancing efficiency in government operations.**

- **As the CGA, Kalyani will oversee the government's accounting functions, including the preparation of the central government's accounts for Parliament, managing internal audits, and promoting fiscal prudence and transparency. Her leadership is expected to further strengthen India's public financial management systems and continue driving innovation in government accounting.**

Key Points:-

(i) Prior to her current appointment, Kalyani served as the Principal Chief Controller of Accounts in the Ministry of Home Affairs, New Delhi. In this capacity, she played a pivotal role in managing the ministry's financial operations and ensuring

compliance with financial regulations.

(ii) T.C.A. Kalyani has been a strong advocate for adopting technology to enhance transparency and efficiency in public service delivery. Notably, she led the initiative for the Direct Benefit Transfer (DBT) scheme, facilitating fertilizer purchase assistance to farmers, thereby promoting digital governance and financial inclusion.

(iii) Smt. T.C.A. Kalyani's appointment as the 29th Controller General of Accounts marks a significant step in India's journey towards enhanced financial governance. With her extensive experience and dedication to reform, she is poised to lead the charge in strengthening the country's public financial management systems, ensuring greater accountability, and fostering transparency in government operations.

SPORTS

1. India to Send First-Ever Team to Pickleball World Cup 2025, Strengthening Global Sports Presence.



On August 31, 2025, the Indian Pickleball Association (IPA), functioning under the Ministry of Youth Affairs and Sports (MYAS), announced that India will send its first-ever team to compete in the Pickleball World Cup

2025. This historic move marks India's entry into global competitive pickleball, highlighting the country's growing focus on emerging sports.

- India's team will participate in the **Pickleball World Cup 2025**, scheduled from **October 27 to November 2, 2025**, in **Florida, United States of America (USA)**, under the aegis of the **Global Pickleball Federation (GPF)**.

- The team comprises a **14-member squad** selected across multiple categories including **Open, Under-16, and +50**. The selection emphasizes a **balanced representation of youth and experienced players** to ensure competitive performance on the global stage.

- The Indian Pickleball team will collaborate with international organizations to enhance training and exposure. India is joining the **Global Pickleball Alliance**, a coalition that includes the **Association of Pickleball Players (APP, USA)**, **Canadian National Pickleball League (CNPL)**, **European Pickleball Federation (EPF)**, **National Pickleball League (NPL, Australia)**, and **Pickleball D-Joy (Vietnam)**. This alliance aims to **standardize global competitions and promote pickleball as a professional sport worldwide**.

Key Points:-

(i) Participation in this event provides India an opportunity to benchmark its players against international standards, explore advanced techniques, and strengthen grassroots development initiatives for pickleball within the country. The IPA is actively using this exposure to design structured national-level training programs and domestic leagues for talent scouting and skill development.

(ii) The historic inclusion also aligns with India's broader vision of promoting emerging

sports under MYAS initiatives such as the Khelo India Programme, which emphasizes performance-based recognition, youth engagement, and international sports diplomacy. India's participation is expected to inspire increased youth interest and participation in pickleball across schools, colleges, and sports clubs nationwide.

(iii) The event is also significant as it sets the stage for India to contribute to the world's first professional global pickleball tour, scheduled to start in 2026. India's engagement in these international alliances reflects its commitment to fostering sustainable professional sports ecosystems and enhancing global competitiveness in emerging disciplines.

2. India Tops 16th Asian Shooting Championship 2025 in Kazakhstan with Record 50 Gold Medals.



India created history by securing the top position in the 16th Asian Shooting Championship 2025, held from August 16 to 30 at the Shymkent Shooting Plaza, Kazakhstan. With a record-breaking medal tally, India outperformed all participating nations in both senior and junior shooting events.

- India's contingent of 35 senior shooters and 129 junior shooters showcased outstanding performances, winning a total of 99 medals that included 50 gold, 26 silver, and 23 bronze. This was the first time India topped the medal tally at the Asian Shooting Championship.

- The championship witnessed participation from 748 athletes representing 27 countries across Asia, making it one of the largest competitive platforms for shooting at the continental level. India's dominance highlighted its growing strength in precision sports.

Key Points:-

(i) Kazakhstan secured the second position in the medal tally with 21 gold, 24 silver, and 25 bronze medals, totaling 70. China ranked third with 37 medals, followed by Korea with 55 and Iran with 17 medals.

(ii) The championship was organized by the Asian Shooting Confederation (ASC) in partnership with the International Shooting Sport Federation (ISSF) and the Kazakhstan Shooting Sport Federation, ensuring global-level standards of competition and fair play.

(iii) The event not only boosted India's sporting reputation in Asia but also underlined the success of grassroots-level shooting development programs and government support through initiatives of the Ministry of Youth Affairs and Sports and the National Rifle Association of India (NRAI).

IMPORTANT DAYS

1. World Coconut Day Observed Every September 2 to Celebrate the "Tree of Life".



Recently, on September 2, 2025, World Coconut Day was celebrated globally, commemorating the founding of the Asian and Pacific Coconut Community (APCC). First observed in 2009, this day honors the coconut's immense contributions to agriculture, culture, health, and livelihoods worldwide.

- **One, origin and significance:** World Coconut Day was initiated by the APCC—an intergovernmental body representing coconut-producing nations—to raise awareness of the coconut's critical role in food security, rural economies, and cultural traditions; it is observed on September 2 to coincide with the APCC's founding date.

- **Two, first celebrated in 2009:** The inaugural World Coconut Day took place in 2009 with coconut exhibitions, farmer workshops, and cultural programs aimed at highlighting the ecological, economic, and health value of the "Tree of Life."

Key Points:-

(i) Three, global reach and purpose: Since its inception, the observance has spread from Asia-Pacific to other regions, becoming a global platform for promoting sustainable farming, coconut-based industries in food,

cosmetics, and eco-products, and supporting smallholder farmers.

(ii) Four, India's focus on research and resilience: This year in Assam, the Coconut Development Board (CDB) organized events under the theme "Uncovering Coconut's Power, Inspiring Global Action," featuring discussions on scientific farming, crop quality, handicraft exhibitions, and livelihood opportunities, highlighting Assam's emphasis on sustainable innovation in the coconut sector.

SCIENCE AND TECHNOLOGY

1. PRYMA Aerospace's Arjuna Drone Secures DGCA Type Certification, Boosting India's Agri-Tech Ecosystem.



On August 28, 2025, PRYMA Aerospace, the technology arm of PRYMA Group behind the Salam Kisan platform, received Type Certification from the Directorate General of Civil Aviation (DGCA) for its Arjuna agricultural drone. This marks a significant milestone in indigenously advancing drone-powered agriculture across India.

- **PRYMA Aerospace obtained DGCA Type Certification for the Arjuna drone on August 28, 2025, while its Drone School of Excellence was**

recognised as a DGCA-certified Remote Pilot Training Organization (RPTO). This dual approval enables an integrated pathway—drone manufacturing, pilot training, and on-field deployment—through Salam Kisan's nationwide network.

- **As the driving force behind the Salam Kisan initiative, PRYMA has already empowered over 300,000 farmers with drone spraying and precision farming solutions. With DGCA backing, the Arjuna drone can now be scaled across India, offering a safe, accessible, and regulated presence in rural agriculture.**

Key Points:-

(i) Unlike foreign imports, the Arjuna drone is designed and manufactured indigenously at PRYMA's 20,000 sq. ft. R&D facility in Jalna, Maharashtra. This ensures better localization, continuous after-sales support, reduced downtime, and seamless integration into Salam Kisan's digital framework.

(ii) The certification opens new avenues for franchise operators, distributors, and institutional clients—including plantations, universities, and CSR-driven initiatives—to adopt Arjuna. The scalable model creates opportunities for trained rural pilots, agri-entrepreneurs, and youth employment, aligning with national priorities like Atmanirbhar Bharat and sustainable agritech growth.

(iii) Earlier in 2025, PRYMA Group signed an ₹300 crore Memorandum of Understanding (MoU) with the Government of Maharashtra during the World Economic Forum at Davos. With DGCA certifications now secured, these commitments are becoming tangible initiatives, solidifying the firm's role in the government's vision for drone-led

agricultural transformation.

2. BHEL Signs LAToT with DMRL Hyderabad to Manufacture Fused Silica Radar Domes.



On August 30, 2025, Bharat Heavy Electricals Limited (BHEL) signed a License Agreement for Transfer of Technology (LAToT) with Defence Metallurgical Research Laboratory (DMRL), Hyderabad, under the Defence Research and Development Organisation (DRDO). This agreement empowers BHEL to manufacture fused silica radar domes for missile systems, strengthening India's indigenous defence manufacturing capabilities.

- The LAToT allows BHEL to produce fused silica radar domes, which are essential for protecting radar antennas in missile guidance systems while ensuring accurate transmission of electromagnetic signals, using the Cold Isostatic Pressing and Sintering (CIP-S) technology developed by DMRL.

- Radar domes, or radomes, safeguard sensitive radar components from environmental conditions like heat, dust, and moisture, while maintaining high signal fidelity, making them crucial for seeker-based missile and aerospace applications.

Key Points:-

(i) BHEL, a leading public sector engineering and manufacturing company, will utilize its advanced production facilities to fabricate these high-precision radomes domestically, reducing India's dependence on imported defence components.

(ii) Indigenous production of fused silica radar domes not only enhances India's strategic autonomy in defence technology but also strengthens the domestic supply chain, creates skilled employment opportunities, and contributes to the "Make in India" initiative for defence manufacturing.

(iii) This partnership is expected to pave the way for further collaborations between DRDO laboratories and public sector enterprises, enabling development of advanced technologies for missiles, radars, and aerospace systems, thereby reinforcing India's self-reliance in critical defence sectors.

3. DRDO Delivers Naval Flare System for Kalvari-Class Submarines to Indian Navy.



On August 29, 2025, the Defence Research and Development Organisation (DRDO), through its High Energy Materials Research

Laboratory (HEMRL) in Pune, successfully developed and delivered an indigenous Signal Star Naval Flare system for the Indian Navy's Kalvari-class submarines. This advancement marks a significant stride towards enhancing India's self-reliance in naval defence technologies.

- **The Signal Star Naval Flare system was developed by DRDO's HEMRL, Pune, and formally handed over to the Director General of Naval Armament Inspection (DG-NAI), Rear Admiral Rupak Barua, at a ceremony held in Pune. This delivery underscores DRDO's commitment to bolstering India's naval capabilities through indigenous innovation.**
- **The flare system is designed to serve as an underwater pyrotechnic communication device, enabling submarines to signal at the surface during operations.**
- **Upon ejection from the submarine's signal ejector, the flare ascends through the water column and ignites upon reaching the surface, emitting a high-intensity light visible over long distances, even in adverse weather conditions.**

Key Points:-

(i) The Signal Star Naval Flare offers dual-color signaling capabilities. Red signals indicate distress or emergency situations, while green signals are used for identification, recognition, or safe-operational communication during fleet maneuvers. This versatility enhances tactical communication and coordination among naval assets.

(ii) The flare is housed in a pressure-resistant casing to ensure reliable performance under high underwater pressures. Its hydrostatic mechanism triggers the flare at the surface, producing

brilliant red or green star signals depending on tactical requirements. The system's design emphasizes durability and functionality in challenging marine environments.

(iii) The successful development and delivery of the Signal Star Naval Flare system align with India's 'Atmanirbhar Bharat' initiative, aiming to achieve self-reliance in critical defence technologies. This advancement not only strengthens the Indian Navy's operational readiness but also contributes to the nation's broader goal of reducing dependence on foreign defence equipment.

Static GK

Gujarat	Chief minister: Bhupendra Patel	Governor: Acharya Devvrat
Thailand	Capital: Bangkok	Currency: Thai Baht
SBI	Chairman : Challa Sreenivasulu Setty	Headquarter : Mumbai
Ministry of Youth Affairs & Sports (MYAS)	Cabinet Minister : Mansukh Mandaviya	Headquarters: New Delhi
Controller General of Accounts (CGA)	Established : 1975	Headquarters: New Delhi
BHEL	Founded: 1964	Headquarters: New Delhi
DRDO	Chairman: Sameer V. Kamat	Headquarters: New Delhi