

05/07/2026 Daily Current News

1. *e-Jagriti*:

Context: The Prime Minister, Shri Narendra Modi has shared an article written by Union Minister Shri Pralhad Joshi on how e-Jagriti addresses multiple challenges by digitising the entire lifecycle of a consumer complaint.

About e-Jagriti:

- ❖ Flagship Initiative: Launched by the Department of Consumer Affairs under the Ministry of Consumer Affairs, Food & Public Distribution.
- ❖ Launch: Introduced on 1 January 2025.
- ❖ Objective: To strengthen and digitize the consumer dispute redressal system across India.
- ❖ Unified Platform: Integrates four legacy systems—OCMS, e-Daakhil, NCDRC CMS, and CONFONET—into a single AI-enabled, paperless platform.
- ❖ AI Features: Offers AI-powered smart search, metadata & keyword generation, and voice-to-text conversion of judgments and case records.
- ❖ Online Services: Enables e-filing of complaints, online fee payment, case tracking, and digital access to judgments.
- ❖ Global Access: Allows NRIs and citizens worldwide to file and monitor cases with end-to-end encryption and role-based access control.
- ❖ Inclusive Design: Supports multilingual interfaces and accessibility features for diverse users.
- ❖ Key Benefit: Provides a simple, fast, transparent, paperless, and cost-effective consumer dispute resolution system at all levels.

2. *UDAN (Ude Desh ka Aam Nagrik)*:

Context: In a major boost to India's civil aviation sector, Prime Minister Shri Narendra Modi today launched the next phase of UDAN (Ude Desh ka Aam Nagrik) and inaugurated the New Terminal Building (NTB) at Jodhpur Airport, reaffirming the Government's commitment to expanding regional air connectivity and developing world-class aviation infrastructure.

About UDAN (Ude Desh ka Aam Nagrik):

- ❖ Launch: The UDAN (Ude Desh ka Aam Nagrik) Scheme was launched in October 2016 under the Regional Connectivity Scheme (RCS) to improve regional air connectivity.
- ❖ Objectives: To connect Tier-2 & Tier-3 cities, make air travel affordable, promote balanced regional development, and utilize underused airports.
- ❖ Key Features: Airlines are selected through competitive bidding, with Viability Gap Funding (VGF) to operate commercially unviable routes.
- ❖ Affordable Airfare: Around 50% of seats on UDAN flights are offered at a capped fare of about ₹2,500 per hour of flight.
- ❖ Focus Areas: Prioritizes connectivity to remote, hilly, tribal, island, underserved, and unserved regions.
- ❖ Funding: Initially financed through the Regional Connectivity Scheme (RCS) levy collected from flights on major routes to subsidize regional operations.

- ❖ Achievements (till 2026): Operationalised 669 routes, connected 95 airports, heliports, and water aerodromes, benefiting over 1.66 crore passengers.
- ❖ Modified UDAN (2026): Approved by the Union Cabinet on 25 March 2026 with an outlay of about ₹29,000 crore for the next 10 years to promote aviation-led development under Viksit Bharat 2047.
- ❖ Infrastructure Expansion: Aims to develop 100 aerodromes from unserved airstrips (₹12,159 crore), 200 modern helipads (₹3,661 crore), and provide ₹2,577 crore for airport Operations & Maintenance.
- ❖ Regional Aviation Support: Continues Viability Gap Funding (₹10,043 crore) and promotes indigenous aircraft and helicopters (e.g., HAL Dhruv and Dornier) under Atmanirbhar Bharat for connectivity in remote regions.

3. **LokOS:**

Context: LokOS (Lok = People, OS = Operating System) is a web and mobile platform under the Deendayal Antyodaya Yojana-National Rural Livelihoods Mission (DAY-NRLM) for end-to-end digitization of Self-Help Groups and their federations.

About LokOS:

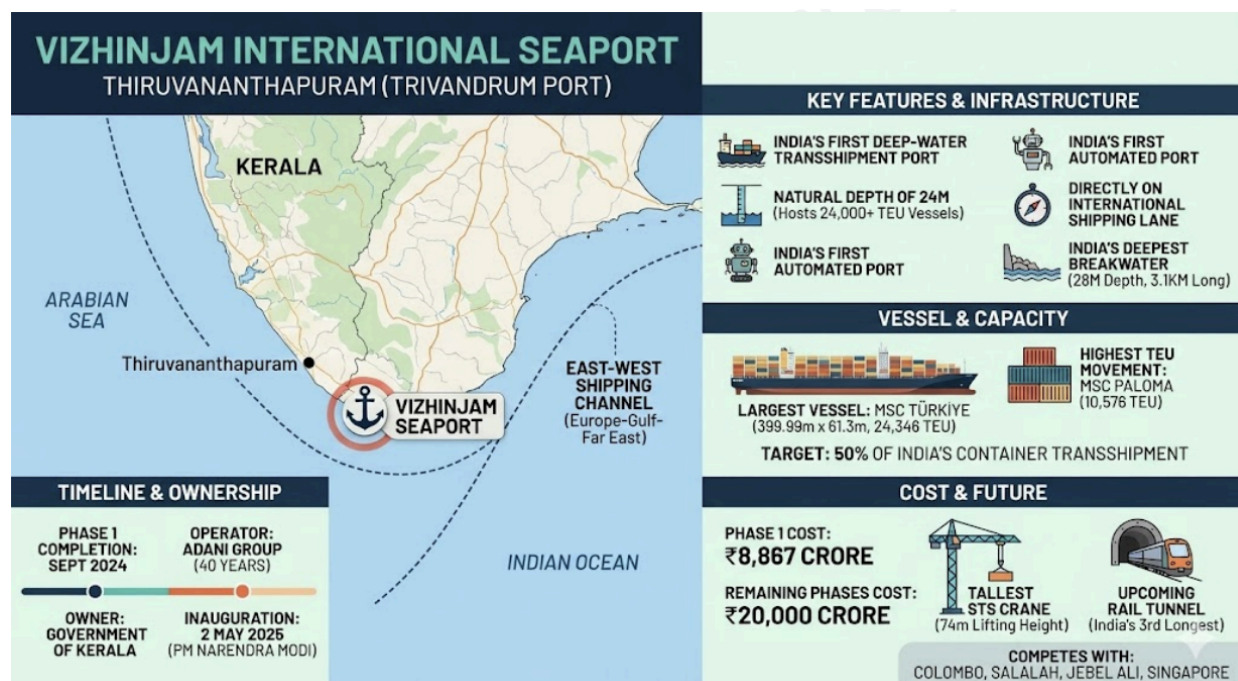
- ❖ About: LokOS (Lok Operating System) is a web and mobile digital platform under the Deendayal Antyodaya Yojana–National Rural Livelihoods Mission (DAY-NRLM).
- ❖ DAY-NRLM: It is a flagship poverty alleviation programme aimed at promoting self-employment, skilled jobs, and sustainable livelihoods for poor rural households.
- ❖ Objective: To provide end-to-end digitization of Self-Help Groups (SHGs) and their federations for efficient governance and financial management.
- ❖ Coverage: Digitizes records of SHGs, Village Organizations (VOs), Cluster Level Federations (CLFs), and their members.
- ❖ Digital Financial Management: Records member profiles, savings, loans, repayments, financial transactions, livelihoods, and convergence activities.
- ❖ Transparency & Efficiency: Reduces manual record-keeping, enables real-time transaction tracking, and improves transparency, accountability, and operational efficiency.
- ❖ Financial Scale: Digitally captures SHG financial transactions worth about ₹2 lakh crore annually.
- ❖ Web Application: Supports administrators, E-bookkeepers, and approvers in creating, approving, and managing SHGs, VOs, CLFs, and members.
- ❖ Mobile Application: Enables field-level recording and management of Community-Based Organization (CBO) activities and supports data-driven decision-making.
- ❖ Key Features: Provides Aadhaar- and bank-linked digital IDs, digital financial records, livelihood profiling, role-based administration, real-time dashboards, and one-click reports.
- ❖ Nationwide Reach: Covers 34 States/UTs, 762 districts, 7,241 blocks, 2.57 lakh Gram Panchayats, and 5.92 lakh villages.
- ❖ Support to Lakhpati Didi: Facilitates beneficiary tracking and monitoring through 6,611 Master Trainers, 4.09 lakh Community Resource Persons (CRPs), and 3.87 crore Potential Lakhpati Didis (PLDs).
- ❖ Digital Livelihood Database: Maintains 18.50 crore Digital Aajeevika Registers (DARs), strengthening livelihood planning, monitoring, and implementation across the country.

4. Vizhinjam Port:

Context: Leader of the Opposition in Kerala Pinarayi Vijayan on Saturday alleged that the proposed transfer of a 49% stake of the Adani Vizhinjam Port Private Limited (AVPPL), the concessionaire and operating company for the Vizhinjam International Seaport, by the Adani Group to Mediterranean Shipping Company (MSC) violates the concession agreement and raises serious questions over the government's handling of the issue.

About Vizhinjam Port:

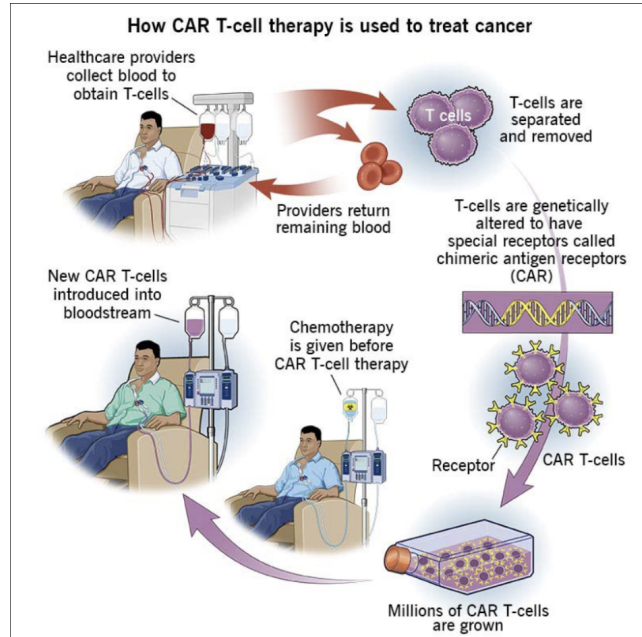
- ❖ It is a transshipment deepwater multipurpose seaport project is being built by Adani Ports and SEZ Private Limited in Vizhinjam near Thiruvananthapuram, Kerala.
- ❖ Vizhinjam port is India's first international deepwater transshipment port.
- ❖ The port is designed to handle container transshipment, multi-purpose, and break-bulk cargo.
- ❖ It is strategically located just ten nautical miles from the international shipping route.
- ❖ The port has minimal littoral drift and requires minimal maintenance dredging, reducing operational costs.
- ❖ The port boasts a natural depth of more than 18 meters, which can be further scaled up to 20 meters.



5. CAR T-cell therapy:

Context: Researchers have developed a promising new CAR T-cell therapy for rare solid tumours, including alveolar soft-part sarcoma (ASPS) and certain kidney cancers.

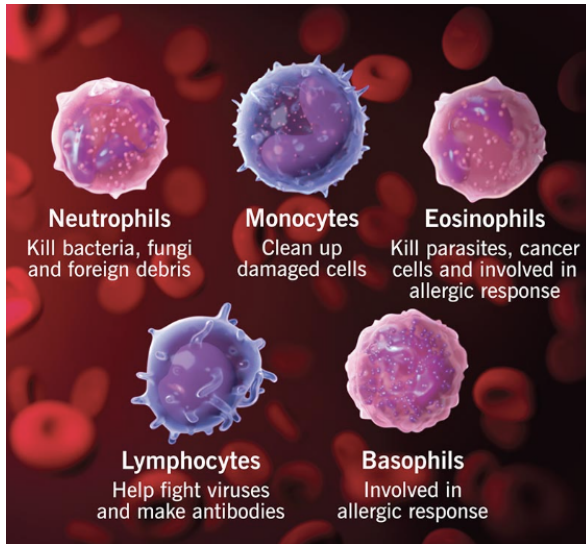
About CAR T-cell therapy:



- ❖ Unlike chemotherapy or immunotherapy, which requires mass-produced injectable or oral medication, CAR T-cell therapies use a patient's own cells.
- ❖ They are modified in the laboratory to activate T-cells, a component of immune cells, to attack tumours.
- ❖ These modified cells are then infused back into the patient's bloodstream after conditioning them to multiply more effectively.
- ❖ As of today, CAR T-cell therapy has been approved for leukaemias (cancers arising from the cells that produce white blood cells) and lymphomas (arising from the lymphatic system).
- ❖ Modification in the cellular structure allows CAR T-cells to effectively bind to the tumour and destroy it.
- ❖ The final step in the tumour's destruction involves its clearance by the patient's immune system.

About T-Cells:

- ❖ T cell is a type of white blood cell.
- ❖ It is also called T lymphocyte and thymocyte.
- ❖ T cells are part of the immune system and develop from stem cells in the bone marrow.
- ❖ They help protect the body from infection and may help fight cancer.
- ❖ Rather than generically attack any antigens, T cells circulate until they encounter their specific antigen.



- ❖ There are two main types: Cytotoxic T-cells: Destroy infected cells and Helper T-cells: Send signals that direct other immune cells to fight infection.

6. *European Organization for Nuclear Research (CERN):*

Context: The heatwave sapping Europe this June did not spare CERN — the European Organisation for Nuclear Research — whose dull grey buildings give little hint of the underground that sets the lab apart from any other hive of colossal engineering on earth. Here, in tunnels beneath the Franco-Swiss border, physicists drive protons — among the particles at the heart of every atom — to a sliver below the speed of light and smash them together, reading the debris for clues to how the universe is built. The machine that does this is called the Large Hadron Collider (LHC).

About European Organization for Nuclear Research (CERN):

- ❖ CERN (European Organization for Nuclear Research) was established in 1954 as a leading global centre for particle physics research.
- ❖ It is located near Geneva, on the Switzerland–France border.
- ❖ CERN's core mission is to study the fundamental building blocks and forces of the universe.
- ❖ It focuses on research beyond the Standard Model, including dark matter and dark energy, with future projects like the Future Circular Collider.
- ❖ CERN conducts advanced particle physics research to understand matter, antimatter, and the origin of the universe.
- ❖ It operates the Large Hadron Collider (LHC), the world's largest and most powerful particle accelerator.
- ❖ CERN confirmed the discovery of the Higgs boson in 2012, strengthening the Standard Model of physics.

- ❖ It promotes international scientific cooperation with 23 member states and worldwide collaborators.
- ❖ CERN has driven major technological innovations, including the invention of the World Wide Web.
- ❖ It actively supports education and training through fellowships, internships, and outreach programmes.

Quick Bites:

- ☐ The Bilateral Investment Agreement (BIA) between the Government of the Republic of India and the Government of the State of Israel signed on 8th September 2025 in New Delhi, enters into force with effect from today, i.e., 04 July 2026.
- ☐ Jalbhara sweet from Chandannagar in Hooghly district, West Bengal, received the Geographical Indication tag on 26 June 2026. The sweet is also known as Jalbhara Sandesh and has a recorded legacy of more than 220 years in Bengal's confectionery tradition.
- ☐ Prime Minister Narendra Modi inaugurated India's first greenfield integrated refinery-cum-petrochemical complex at Pachpadra in Balotra district, Rajasthan, on 4 July 2026. The project is a joint venture between Hindustan Petroleum Corporation Limited and the Government of Rajasthan, with equity shares of 74% and 26% respectively.
- ☐ Indian Navy's P-8i maritime patrol aircraft is in Hawaii to participate in the Rim of the Pacific Exercise – the world's largest naval exercise hosted by the U.S. Pacific Fleet.
- ☐ Following the devastating earthquake in Venezuela, which claimed over 1,700 lives, India deployed an Indian Army field hospital at the La Rinconada Racetrack under its humanitarian assistance mission. Two Boeing C-17 Globemaster III aircraft transported 66 tonnes of relief material, including medicines, medical equipment, relief supplies, the field hospital, and two BHISHM Cubes. During his visit, Yvan Gil thanked India for its timely humanitarian assistance. BHISHM – Bharat Health Initiative for Sahyog, Hita and Maitri. Bharat – India, Health Initiative – Focused on emergency medical assistance, Sahyog – Cooperation, Hita – Welfare, Maitri – Friendship

Practice questions:

Objective questions:

India's first greenfield integrated refinery-cum-petrochemical complex has been inaugurated at:

- (a) Jamnagar, Gujarat
- (b) Paradip City, Odisha
- (c) Pachpadra Town, Rajasthan.
- (d) Panipat City, haryana

Jalbhora Sweet, which recently received a Geographical Indication (GI) tag, belongs to which State?

- (a) Odisha
- (b) Gujarat
- (c) West Bengal
- (d) Tamil Nadu

With reference to LokOS, consider the following statements:

1. It digitizes SHGs, Village Organizations (VOs), and Cluster Level Federations (CLFs).
2. It maintains records of savings, loans, repayments, and livelihoods.
3. It replaces Aadhaar-based identification in rural areas.
4. It provides funding support through credit cards routing through NABARD and regional Rural banks.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 4 only

With reference to the European Organization for Nuclear Research (CERN), consider the following statements:

1. CERN was established in 1954.
2. It is located near Geneva on the Switzerland–France border.
3. It is primarily engaged in nuclear power generation.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

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