

UPSC Daily Current Affairs| One Liners 13-03-2025

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History, Art and Culture

National Archives of India (NAI)

NAI celebrates its 135th Foundation Day with the inauguration of the exhibition "Indian Heritage through Architecture"

- **Aim** - To make historical documents accessible to a wider audience.
- **Showcasing** - India's architectural legacy, covering ancient, medieval, Mughal, and colonial-era structures.
- **Displayed** - Official government files, personal papers of eminent personalities, UNESCO documents, and archaeological excavation records.
- **Launch of 'Gyan Bharatam Mission** - A visionary initiative to save and promote the heritage of the country's manuscripts.
- Announced in the Union Budget 2025-26.

Geography

Vadhavan Port on PPP Model

Recently Union Cabinet has approved the setting up of Major Port at Vadhavan, near Dahanu, in Maharashtra on PPP mode.

- **PPP Framework** - Concessions for port terminals are granted via global bidding, with revenue-sharing agreements and assets revert to port authorities after tenure completion.
- **Major Ports** - India has 12 Major Ports governed by the Major Port Authorities Act, 2021.
- **Vadhavan Port Project** - Approved in June 2024, the Rs.76,220 crore project in Maharashtra will be developed under PPP model.

Polity & Governance

Prime Minister Dhan Dhaanya Krishi Yojna

Recently Government has launched a programme to improve farmer's livelihood.

- **Objective** - To help 1.7 crore farmers through enhanced agriculture productivity, improved irrigation facilities and facilitating long-term and short-term credit.
- **Implementation** - By converging other schemes and cover 100 aspirational districts with low productivity, moderate crop intensity and below average credit parameters.
- **Benefits** - Provides quality seeds, fertilizers, and chemicals to boost crop production.

Rural Prosperity and Resilience Programme

Recently, government has launched a comprehensive multi-sectoral rural programme.

- **Purpose** - Launched in partnership with states to address under-employment in agriculture.
- **Key focus areas** - Skilling, investment, and technology to invigorate rural economy.
- Modernizing agriculture with improved productivity and warehousing.
- **Target beneficiaries** - Rural women, young farmers, marginal & small farmers and landless families.
- **Implementation strategy** - Adoption of global and domestic best practices, technical & financial assistance from multilateral development banks.
- **Phase-1** - Cover 100 developing agri-districts.

PLI scheme for Specialty Steel

Recently, government has launched the second round of PLI scheme for Specialty Steel.

- **Objective** - To strengthening domestic production, fostering innovation, and reducing imports.
- **Specialty steel** - It is a value-added steel wherein normal finished steel is worked upon by way of coating, plating and heat treatment.
- **Applications** - Used in defence, space, power, automobile, specialized capital goods etc.
- **Duration** - 2025-26 to 2029-30.

Agriculture

Soil Fertility Mapping

- **Soil Fertility Maps** - It provides detailed spatial information about the nutrient composition, health and delineating natural bodies of soils
- **Mapped by** - Soil & Land Use Survey of India (SLUSI) under Department of Agriculture & Farmers' Welfare.
- District/village-wise digital soil fertility mapping is done through **geo-spatial techniques** using Soil Health Card (SHC) data.
- **Geospatial techniques:**
 - Remote sensing
 - AI based tools.
- **Application** - It helps farmers in application of fertilizers and reducing the risk of overuse or underuse of fertilizers.

AAHAR-2025

Recently, Union Minister of Food Processing Industry inaugurated the AAHAR-2025 event.

- **AAHAR-2025** - Advancing Food Safety and Innovation.
- **Organized by** - Ministry of Food Processing Industries and NIFTEM-Kundli.
- **Objective** - To focus on innovations in food processing, machinery, packaging, safety, and regulatory frameworks, bringing together experts from various sectors.
- **Vision** - At least one Made-in-India food product on every global dining table.
- **Key Outcomes:**
 - Importance of aligning regulatory standards with global best practices
 - Integrating advanced technologies like Blockchain and AI for food safety
 - Fostering collaborations to enhance India's food processing sector.

Science

Preprints

Preprints were gaining popularity due to its open-access.

- **About** - A preprint is a scientific paper shared publicly before undergoing peer review in a journal.
- **Advantages** - It allows rapid dissemination of research, especially in urgent cases like COVID-19 or Pandemic Like situation , though quality varies.
- **Impact** - It promote open-access science but also raise concerns about the reliability of non-peer-reviewed studies.

Polygraph

- **Polygraph** - It is also called a lie-detector test, is generally used during interrogation by police.
- **Working Mechanism** - Uses a pneumograph tube, blood pressure cuff, and electrodes to detect deviations linked to deception.
- **Significance** - Records physiological responses like blood pressure, pulse, respiration and skin conductivity during interrogations.
- **Reliability** - Scientifically unreliable and inadmissible in court.

Miscellaneous

75/25 Initiative

Recently, government unveiled the 75/25 initiative on World Hypertension Day on May 17, 2023.

- **Aim** - To provide standardized care to 75 million people with Hypertension and Diabetes by December 2025.
- **Address Non-Communicable Diseases (NCDs)** - Such as hypertension, diabetes, oral cancer, breast cancer and cervical cancer.
- **Screening Drive** - A nationwide NCD screening campaign is launched to achieve 100% screening for individuals aged 30+ from Feb 20 to Mar 31, 2025.

