



Affairs

COMPILATION OF THE HINDU AND PIB

January

U.S. GEOG

HEMANT SIR Founder HeMantra



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# 1 Deported Foreigners



### // In News:

Between April 1, 2023, and March 31, 2024, a total of 2,331 foreigners were deported from India by the

Foreigners Regional Registration Officers (FRROs).

Top Countries of Origin for Deportees:

• Nigeria: 1,470 deportations

Bangladesh: 411 deportations

• Uganda: 78 deportations

### Foreign Visitors to India (2023-24):

Total Visitors: 98 lakh foreigners visited India during this period.

Top Countries of Origin for Visitors:

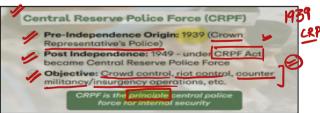
### Bangladesh: 21,08,734 visitors

- United States: 17,37,549 visitors

- United Kingdom: 9,86,954 visitors

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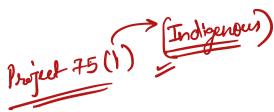
New Appointment: Gyanendra Pratap Singh pointed as Director General (D-G) of the Central Reserve Police Force (CRPF), replacing Vitul Kumar.

Approval: Appointment cleared by the Appointments Committee of the Cabinet.





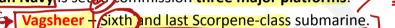
S. Scorpion Class Project 75





### In News:

Indian Navy is set commission three major platforms:



- Surat Fourth and last Project-15B stealth destroyer.
- Nilgiri Lead ship of the Project-17A stealth frigates.

This commissioning marks a **historic milestone** in India's naval capability. It showcases **rapid progress** in indigenous warship design and construction. Reinforces **India's position as a global leader in defense manufacturing**.

[Node in India)

### Project 75 (P-75)

- One of two submarine construction lines under India's 1999 plan for indigenous submarine building;
   the other line is P-751.
- Involves technology transfer from French company Naval Group (formerly DCNS) to Mazagon Dock Limited (MDL).
- Aimed at building advanced submarines in India with overseas expertise.

### Submarines under P-75:

Commissioned: INS Kalvari, INS Khanderi, INS Karanj, INS Vela, INS Vagir.

Vagsheer Sixth and last submarine of the P-75 series.

Named after sand fish a deep-sea predator of the Indian Ocean.

#### **Features of Vagsheer:**

- Type Diesel-electric attack submarine.
- Role: Sea denial and access denial warfare against adversaries.



Up to 18 torpedoes or Exocet anti-ship missiles.

• Option to carry **30 mines** in place of torpedoes.

### Stealth capabilities:

Advanced acoustic absorption techniques.

Low radiated <u>noise levels</u>.
 Hydro-dynamically optimized shape.

Can launch precision-guided weapons for crippling attacks underwater or on surface.

### 4. Nitrate Contamination



#### In News:

### **Excessive Nitrate in Groundwater (India, 2023):**

440 districts report excessive nitrate levels in groundwater (↑ from 359 districts in 2017).

Health Hazard: Particularly dangerous for young children; contributes to environmental toxicity.

Extent: 56% of India's districts have nitrate levels exceeding 45 mg/liter (safe limit).

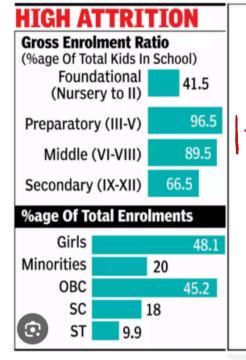
• Regions: Rajasthan, Karnataka, and Tamil Nadu reported the highest levels of nitrate contamination, with 49%, 48%, and 37%, respectively, of their samples exceeding safe limits.



Influence of Monsoon on Nitrate(NO3-) Levels: Monsoon rain increases nitrate levels in groundwater, with 30.77% of samples being contaminated before the monsoon and 32.66% after the rainy season.

**Concern**: High nitrate levels in drinking water are associated with methemoglobinemia or blue baby syndrome, a condition that affects the ability of blood to carry oxygen.









#### In News:

- Total Student Enrollment (2023-24): 24.8 crore.
  - Change from 2018-19: Decrease of 1.22 crore students (6% decline) (both boys & Girls)
- States like Bihar, Uttar Pradesh, and Maharashtra saw significant drops in enrollment:
- Source: Unified <u>District</u> Information System for Education Plus (<u>UDISE+</u>) report by the <u>Ministry of</u> Education.
- **System Coverage:** Records data from **60+ fields** for each student.
- Aadhaar Numbers: Collected voluntarily for identification purposes.

### **UDISE+** System Enhancements::

- Unique Educational ID (EID) Created for every student to track and verify student and teacher credentials.
- Purpose:

Prevent duplicate or ghost entries.

Ensure accurate identification for **government benefit transfers**.



# 6. Sangita Kalanidhi Award



#### In News:

- Award: T.M. Krishna conferred the title 'Sangita Kalanidhi 2024'.
- Event: 98th Conference and Concerts Sadas of The Music Academy, Chennai.
- Recognition: Honored for attracting younger audiences to Carnatic music.

### 7. Khel Ratna Awards:





### Major Dhyan Chand Khel Ratna Award 2024 – Recipients:

- Manu Bhaker Double Olympic medallist shooter.
- **D. Gukesh** World Chess Champion.
- Harmanpreet Singh Captain, Indian Men's Hockey Team.
- Praveen Kumar Paralympic Gold Medallist.

Usually Khel Ratna conferred upon only one sportsperson in a year a few exceptions have been made (1993–1994, 2002, 2009, 2012, 2016–2021 and 2024) when multiple recipients were awarded in a year.

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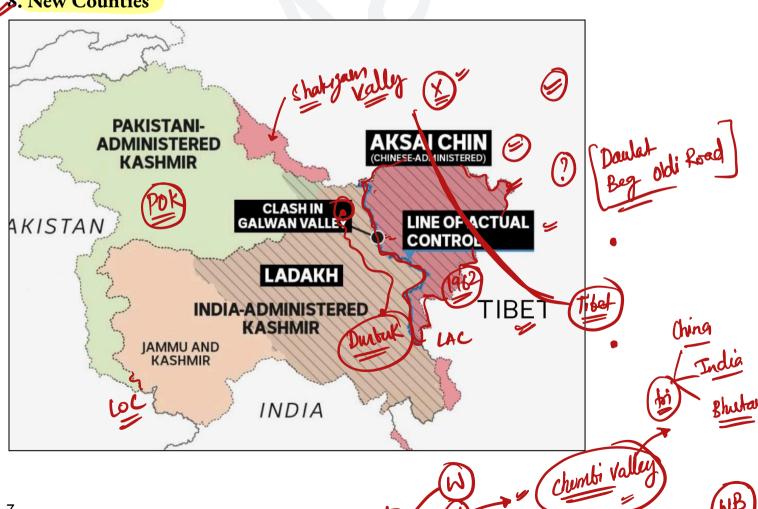
#### Other Awards:

- Arjuna Award 2024: 32 athletes selected, including 16 Paralympians.
- Dronacharya Award (Coaching Excellence): Recipients Deepali Deshpande, Sandeep Sangwan, Subhash Rana.
  - Maulana Abul Kalam Azad Trophy:

**→ Winner:** Chandigarh University (Best University).

Runners-up: Lovely Professional University and Guru Nanak Dev University.

# 8. New Counties







- India's Stand: Considers Aksai Chin as its territory, illegally occupied by China.
- **Diplomatic Response:** India lodged a "solemn protest" with China through diplomatic channels.
- **Reaffirmation:** India reiterated its sovereignty over the area.

### 1. Aksai Chin Dispute (Ladakh)

- **Location:** Northern part of Ladakh, northwestern India.
- India's Claim: Part of Jammu & Kashmir (now split into Union Territories of Jammu & Kashmir and Ladakh).
- Chinese Control: Under China's control since the 1962 Sino-Indian War China considers it part of its Xinjiang region.
- Strategic Importance: Provides China a land link between Tibet and Xinjiang.
- Dispute Origin:
  - Boundaries between British India and China were not clearly demarcated in the early 20th century.
  - McMahon Line recognized by India, does not extend into Aksai Chin, leading to conflicting claims.

# 9. AppointmentDGCA Chief





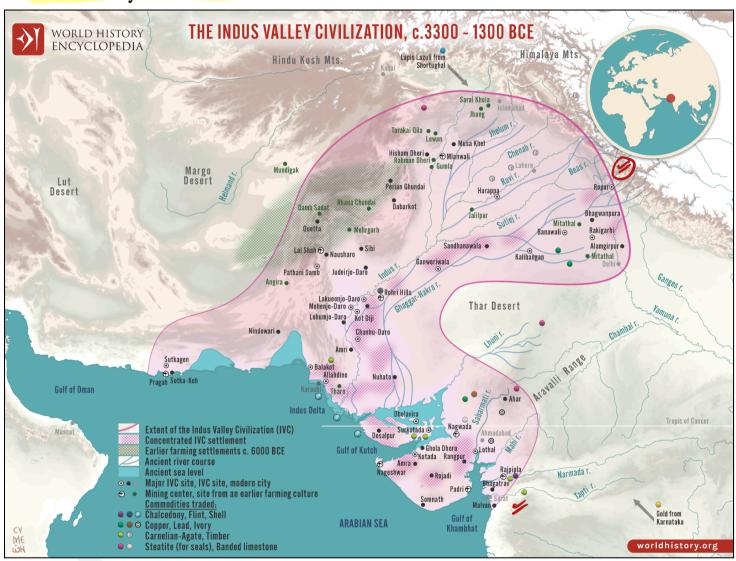


Faiz Ahmed Kidwai IAS, 1996 batch, MP cadre) appointed Director-General of DGCA, replacing Vikram Dev Dutt.

Tasked with addressing airline–pilot disputes over new 2024 rules: weekly rest increased from 36 to 48 hours and night flying restrictions to tackle pilot fatigue.



### 10. Indus Valley Civilization



#### In News:



• Occasion: Made during an event in Chennai marking the centenary of the Indus Valley Civilization's discovery by Sir John Marshall.



# #

### **Key Features** of the Indus Valley Civilization

- **Urban Planning:** Cities like Harappa and Mohenjo-Daro had a grid layout, advanced drainage systems and public baths.
- Architecture: Standardized baked bricks uniform weights and measures aided construction and trade.
- **Economy:** Agriculture-based (wheat, barley, cotton); evidence of ong-distance trade with Mesopotamia and other regions.
- Craftsmanship: Skilled artisans produce j jewelry, pottery, and steatite seals.
- Writing System: Script remains undeciphered inscriptions mainly found on seals.
- Religion: Polytheistic beliefs with fertility symbols and possible proto-Shiva worship.

### Archaeological Sites: Some of the prominent archaeological sites include

- Harappa Punjab (Pakistan)
- Mohenjo Daro Sindh (Pakistan).
- Dholavira Gujarat, India
- Lothal Gujarat, India
- Chandraketugarh West Bengal, India
- Rakhigarhi Haryana, India
- Kot Diji Sindh (Pakistan)
- KaliBanga Rajasthan, India
- Alamgirpur U.P., India
- Nageshwar Gujarat, India

### 11. Cowpea seeds







Cowpea seeds sent into orbit by an ISRO mission have successfully germinated and produced their first leaves.

The achievement was made through **VSSC's CROPS** (Compact Research Module for Orbital Plant Studies) aboard the **PSLV-C60 POEM-4** mission.

It originated and domesticated in **southern Africa** and was later translocated to eastern and western Africa and Asia.

It is also known as **black-eyed pea**, southern pea, etc.

In the Indian context, it is a minor pulse grown mainly in the arid and semi-arid regions of Punjab, Haryana, Delhi, and West UP, along with significant areas in Rajasthan, Karnataka, Kerala, Tamilnadu, Maharashtra, and Gujarat.

### 12. Bharatpol portal

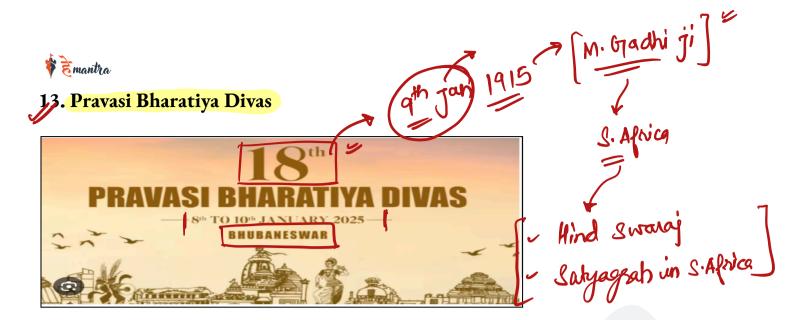


#### In News:

Launch: Union Home Minister Amit Shah launched the Bharatpol portal.

Purpose: To provide Indian police and security agencies with seamless connectivity to Interpol for tracking international criminals.

Developer: Central Bureau of Investigation (CBI).



- Event: 18th Pravasi Bharatiya Divas (PBD) being held in Odisha.
- Participation: Over 3,000 delegates from 70 countries attending.
- **Duration:** Three-day event.
  - Theme "Diaspora's contribution to a Viksit Bharat".

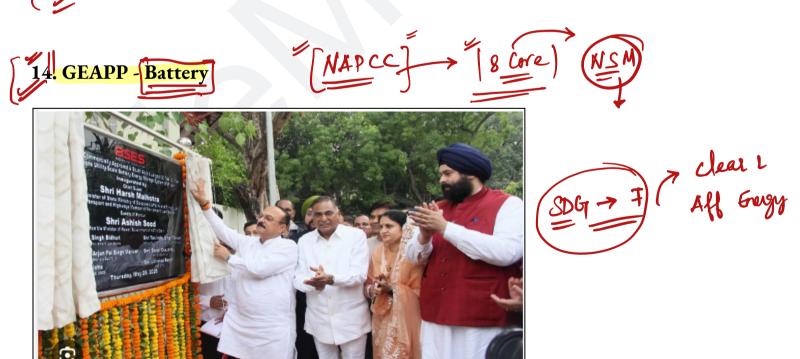
Key Personalities and Guests - 18th Pravasi Bharatiya Divas

Inauguration: Prime Ministe Narendra Modi to inaugurate the event on its second day.

Chief Guest: Christine Carla Kangaloo President of Trinidad and Tobago, to address the convention virtually.

Guest of Honor (Youth PBD – Jan 8): Dr. Dev Pragad, CEO and co-owner of Newsweek.

Sessions: Union Ministers will chair plenary sessions; eminent Indians will moderate the discussions.







- Location: BSES Rajdhani Power sub-station, Kilokri village, South Delhi.
- Funding: Primarily supported by the Global Energy Alliance for People and Planet (GEAPP).

Global Energy Alliance for People and Planet (GEAPP)

About: GEAPP is an alliance of philanthropy, governments, technology, policy, and financing partners.

# 15. MoFarah



#### In News:

Appointment: Mo Farah named International Event Ambassador for the 20th Tata Mumbai Marathon.

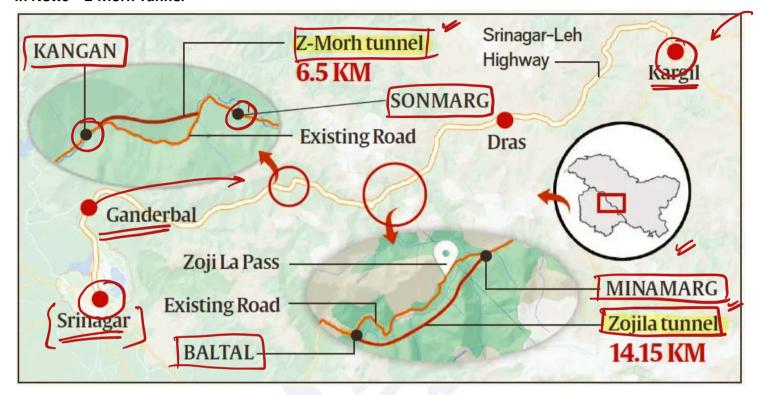
About Mo Farah: Somalia-born British athlete; winner of **10** global championship gold medals, including four Olympic golds (5,000m & 10,000m).

Event: Marathon to be flagged off at Chhatrapati Shivaji Maharaj Terminus.



# 16. Z-Morh tunnel

### In News - Z-Morh Tunnel

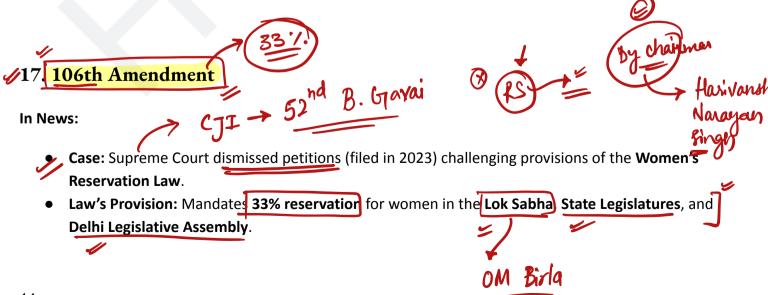


Inauguration: Prime Minister Narendra Modi to inaugurate the Z-Morh Tunnel on January 13.

Purpose: Part of a year-round strategic corridor connecting Kashmir and Ladakh.

### **Location & Strategic Importance:**

- Situated in **Ganderbal district**, Jammu & Kashmir.
- Ensures all-weather access to the tourist destination Sonamarg.
- Prevents disruptions from **snowfall** and **avalanches** during winter.





Reason for Dismissal: Petitions deemed infructuous as the Women's Reservation Bill was already enacted under the Constitution (106th Amendment) Act in September 2023.

### 18 NBW



In News:

Hoolack Gilton Approval: The Standing Committee of the National Board for Wildlife (NBWL) cleared Vedanta

Group's Cairn Oil and Gas proposal for oil and gas exploration. Location: Near Hoollongapar Gibbon Wildlife Sanctuary, Jorhat district, Assam,

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Recommendation: Clearance supported by Assam's Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden, citing "national interest."

### **Basics:**

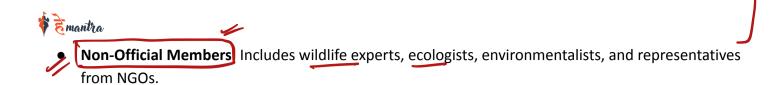
The National Board for Wildlife (NBWL) s a statutory body in India/that advises the government on wildlife conservation and protection efforts under the Wildlife Protection Act, 1972.

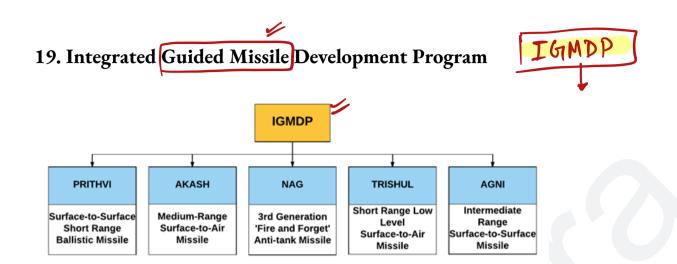
### **Composition:**

Prime Minister: Chairperson.

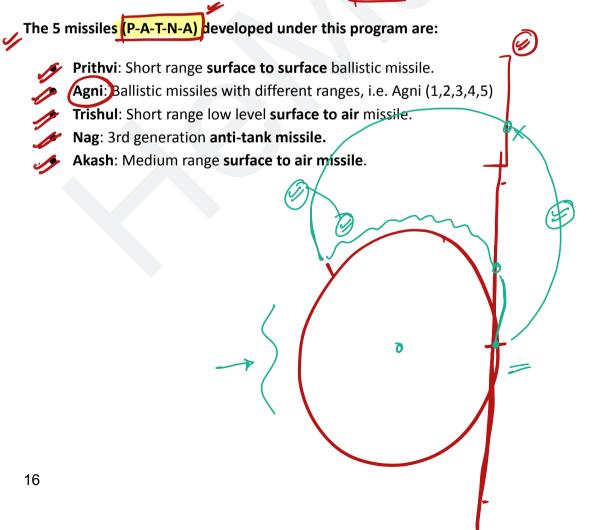
Union Environment Minister: Vice-Chairperson.

Ex-Officio Members: Includes senior officials from government ministries, states, and union territories.





- Developer: Defence Research and Development Organisation (DRDO).
   Weapon Nag Mk-2 indigenously developed, third-generation fire-and-forget anti-tank guided missile.
- Trials: Recently conducted at Pokhran Field Range.
- Result: Successfully destroyed all targets with precision at both maximum and minimum ranges.
- Status: Ready for induction into the Indian Army.









ISRO Achievement: Successfully conducted a satellite docking experiment on Thursday.

Global Ranking: India became the fourth country to achieve this milestone, after the U.S., Russia, and China.

Satellites Involved: SDX01 (Chaser) and SDX02 (Target).

Launch Details: Both satellites were launched by PSLV C60 on December 30.

**Post-Docking Control:** ISRO operated the two docked satellites as a **single object**.

### **Key Information:**

Future Readiness: The docking experiment showcases ISRO's preparation for upcoming projects, especially the Bharatiya Antariksh Station (BAS) planned for later this decade.

**Technological Significance:** Docking technology supports **cost-effective** and **modular** space exploration, aligning with global trends.

Leadership: Under new chairman V. Narayanan, ISRO is focusing on a coherent vision, particularly for BAS.

Need for Clarity: BAS's specific role and utility should be clearly defined to match global space exploration goals.





# 🔏 1. Bharat Ranbhoomi Darshan app 💆



In News:

App Launch: Bharat Ranbhoomi Darshan app introduced to let civilians visit battlefield ocations along India's borders.



Historic Sites Covered: Battlefields from the 1962, 1971, and 1999 (Kargil) wars.

Special Access: Includes Siachen Base Camp and the Galwan clash site (2020) for tourists.

### 22. Bharat Mobility Global Expo 2025 (PIB)





### **Key Government Initiatives:**

- ▶ Infrastructure Spending: ₹11 lakh crore allocated in the previous budget.
  - Connectivity: PM Gati Shakti program for multi-modal connectivity.
  - Logistics: National Logistics Policy aimed at reducing global logistics costs.
  - Clean Mobility: Initiatives for electric mobility, hydrogen fuel, and biofuels under the National Electric Mobility Mission and Green Hydrogen Mission.
- Battery Storage Incentives: ₹18,000 crore in production-linked incentives (PLI) for advanced chemistry cell battery storage.

23. Locations in Indian Ocean Regions

Figure 5. Choke Points in the Indian Ocean IRAQ IRAN PAKISTAN SAUDI RAIT OF HORMUZ BANGLADESH INDIA SUDAN TRAIT OF BAB-EL-MANDEB SOMALIA STRAIT OF MALACCA KENYA TANZANIA IOZAMBIQUE CHANNEL MOZAMBIQUE AUSTRALIA MADAGASCAR ' оитн





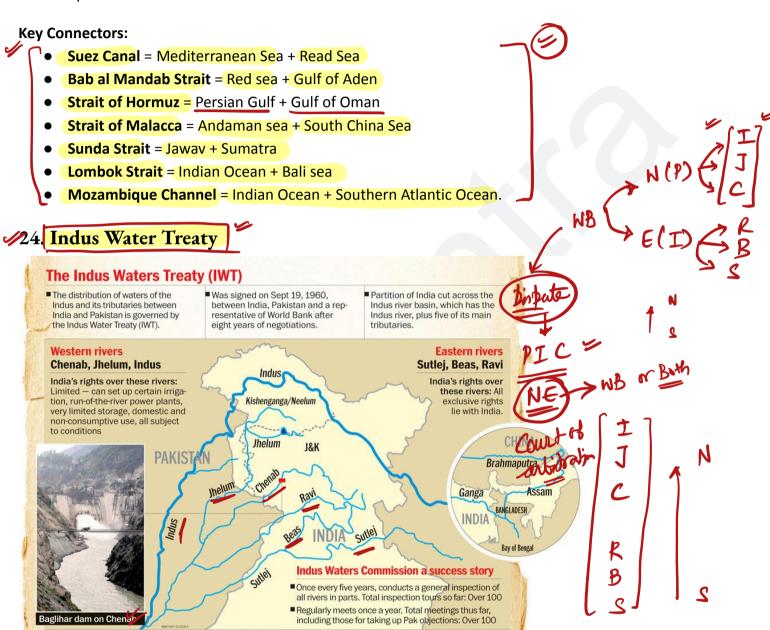
Threat Areas: Rising security threats in the Gulf of Aden, Red Sea, and waters near East African nations.



**Economic Link:** India's prosperity depends on **maritime security**, including protecting territorial waters, ensuring **freedom of navigation**, and keeping **maritime highways safe**.

/ R

**Recognition: 2024** marked as the **Year of Naval Civilians'** to honor their vital support for Navy operations.



#### In News:



### Michel Lino, appointed as the Neutral Expert

(NE) under the Indus Water Treaty (IWT), decided that he is competent to address the differences between **India and Pakistan** regarding the design of hydroelectric projects on Indus Treaty rivers.



# 25. National Investigation Agency



#### In News:

The NIA raided multiple locations linked to the banned Babbar Khalsa International in connection with the Chandigarh grenade attack case.

### National Investigation Agency (NIA):

Establishment: Formed under the NIA Act, 2008 after the 26/11 Mumbai attacks

Type: Central counter-terrorism law enforcement agency.

Headquarters: New Delhi

Zonal Office: Guwahai and Jammu.

Mandate: Investigates offences affecting:

Sovereignty, security, and integrity of India.

**Friendly relations** with foreign states.

Other offences specified in the Schedule to the NIA Act, 2008.

# 26. Anuja at OSCARs 2025





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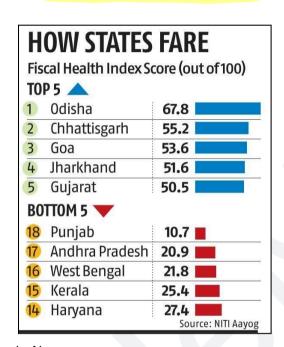
The short film Anuja, set in New Delhi, has been nominated in the Live Action Short Film category at the 97th Academy Awards.

### **Anuja's Oscar Nomination:**

8 mantra

- Nomination: Anuja, a short film set in New Delhi, nominated in the Live Action Short Film category at the 97th Academy Awards.
- Directors: Adam J. Graves and Suchitra Mattai.
- Competition: Competing against films such as A Lien and The Last Ranger.
- Storyline: Follows Anuja, a gifted nine-year-old girl, who must choose between pursuing education or working in a factory with her sister a decision shaping their futures.

### 27. NITI Fiscal Health Index



In News: NITI Aayog – Fiscal Health Index (FHI) 2025:

Top Performers: Odisha, Chhattisgarh, Goa, and Jharkhand.

Worst Performers Punjab, Andhra Pradesh, West Bengal, and Kerala were Classified as "aspirational" states due to significant fiscal challenges.

#### Fiscal Health Index (FHI) 2025 - Overview:

Scope: Ranked 18 major States in India based on:

GDP contribution
Public expenditure

Fiscal stability

Revenues



• Coverage Period: Fiscal year 2022–23.

### **Fiscal Health and Performance:**

- Top Achievers: Odisha, Chhattisgarh, Goa, Jharkhand, and others noted for:
  - High capital outlays (up to 4% of GSDP)
  - Strong non-tax revenue mobilisation
  - Low interest payments (up to 7% of revenue receipts)
- **Front-Runners:** Maharashtra, Uttar Pradesh, Telangana, Madhya Pradesh, and Karnataka recognised for:
  - High developmental expenditure
  - Steady tax revenue growth
  - o Improved debt sustainability (debt-to-GSDP ratio of 24%)
- Performers: Tamil Nadu, Bihar, Rajasthan, and Haryana.

Data Source: Information compiled from the Comptroller and Auditor General (CAG



### 28. Parlay



In News:

The **Defence Research and Development Organisation (DRDO)** will feature **Pralay**, an indigenous short-range

- Range: 400 kilometers.
- Adds to the existing missile systems like BrahMos and Parahar, providing India with options for stand-off missile strikes across the border.
- Designed for deployment along the Line of Control (LoC) and the Line of Actual Control(LAC)

Defence Acquisition Council (DAC) Approval:

- In 2023, the **DAC approved** the procurement of Pralay missiles (range: 400 km) and Nirbhay long-range subsonic cruise missiles (range: 1,000 km).
- A few hundred missiles were approved for procurement, enhancing India's long-range conventional strike capability.

### 29. 26th January (Republic Day)



#### In News:

### **Celebration Highlights:**

• Focus: 75 years of the Constitution's enactment and Jan Bhagidari (people's participation).

Theme: "Swarnim Bharat: Virasat aur Vikas" (Golden India: Heritage and Development).

Led by: President Droupadi Murmu.

Chief Guest: Indonesian President Prabowo Subianto.



### **Cultural and Historical Highlights:**

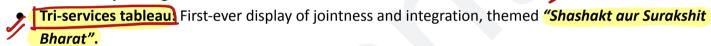
- Tableaux marking:
  - o 150 years of tribal activist Birsa Munda.
  - o 75 years of the Constitution, highlighting Dr. B.R. Ambedkar.
- **Performance:** 300 cultural artists presented "Sare Jahan Se Achha" using traditional instruments such as **shehnai**, **nadaswaram**, **been**, and **ransingha**.

### Military Display:



Parade led by Lieutenant-General Bhavnish Kumar, General Officer Commanding, Delhi Area.

- Participation from regiments including:
  - Brigade of the Guards
  - Jat Regiment
  - Garhwal Rifles
  - Mahar Regiment
  - o Jammu and Kashmir Rifles Regiment
  - Corps of Signals

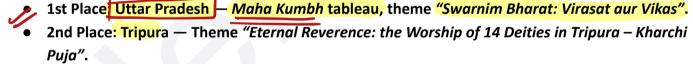


### **Best Marching Contingents:**

Army: &K Rifles Regiment — Best marching contingent among the three services.

Central Armed Police & Auxiliary Forces: Delhi Police — Best marching contingent.

### **Best Tableaux (States/UTs):**



• 3rd Place: Andhra Pradesh — Theme "Etikoppaka Bommalu – Eco-friendly Wooden Toys".

### **Best Tableau (Central Ministries/Departments):**

Winner: Ministry of Tribal Affairs — Theme (Janjatiya Gaurav Varsh').



O. Uniform Civil Code (UCC)





In News:

### Uttarakhand - Uniform Civil Code (UCC) Implementation:

- First in India: Uttarakhand became the first state to implement the UCC after Independence.
- Applicability: Applies to all residents except:
  - Scheduled Tribes
  - Natives who have migrated out of the state
- Banned Practices: Prohibits halala, iddat, and talaq from Muslim Personal Law.
- Women's Rights: Grants equal property and inheritance rights to women.
- Registration Requirement: Mandates online registration of marriages, divorces, and live-in relationships via the government portal ucc.uk.gov.in.

### **Deadlines for Registrations (Uttarakhand UCC):**

- Marriages since March 26, 2010: Must be registered within 6 months.
- Marriages post-UCC implementation: Must be registered within 60 days.
- Live-in relationships (past or present): Must be registered within 1 month of UCC implementation.
- **Emergency Registrations:** *Tatkal* facility available with a **nominal fee**.

### **Live-in Relationship Provisions:**

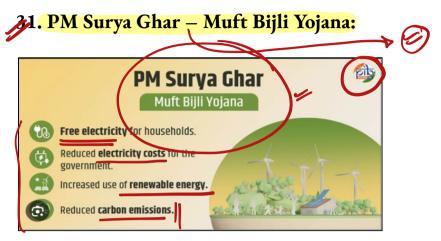
- Either partner can end the relationship **online or offline**.
  - If only one partner applies, **confirmation** from the other is required.
  - Pregnancy Clause Government must be notified within 30 days of childbirth if pregnancy occurs during the live-in relationship.
- Housing Rights: Landlords cannot deny housing to registered live-in couples.

### Uniform Civil Code (UCC) - Overview:

Definition: A single set of laws governing personal matters — marriage, divorce, adoption, inheritance, and succession — for **all citizens**.



- Constitutional Reference: Mentioned in Article 44 of the Indian Constitution as a Directive Principle of State Policy.
- Nature: Not legally enforceable; serves as a guiding principle for the state.

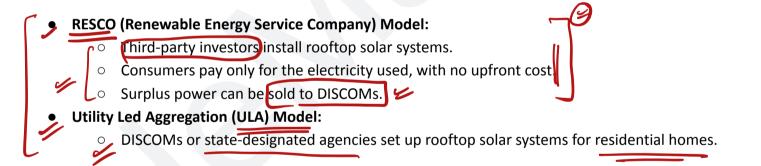


The union cabinet approved the Rs 75,000 crore PM Surya Ghar—Muft Bijli Yojana to benefit 1 crore families in February 2024.

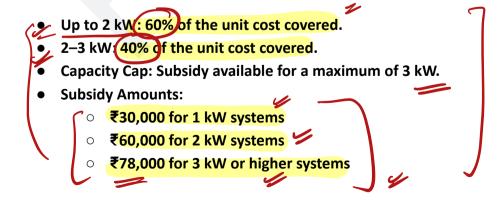
Ministry of New and Renewable Energy

Implementing Agency: National level (NPIA) and State level (SIAs)

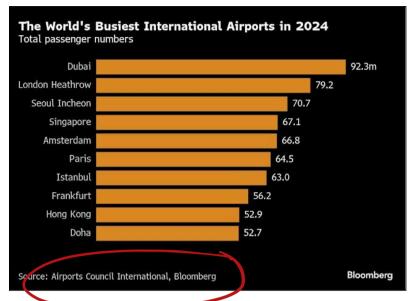
### Two Models for Solar Installation:



### **Subsidy Details:**



# 32 World Busiest Airport Report



In News:

World's Busiest Airports (2024):

- Dubai International Airport:
  - Recorded 92.3 million passengers.
  - o Ranked world's busiest for international travel.
- Atlanta Hartsfield-Jackson International Airport (ATL):
  - Second place with 4.6 million seats.
- Tokyo International Airport (HND):
  - Third place with 4.2 million seats.
- Delhi Airport (DEL) recorded the largest capacity growth in February 2025 compared to February 2024, with seats rising 3.4% to 3.6 million.
- It climbed to eighth place globally up one position from January 2025 and up two positions from February 2024.

-End-