

UPSC Daily Current Affairs| One Liners 18-02-2025

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Polity & Governance

Pradhan Mantri Matsya Sampada Yojana (PMMSY)

India is the world's **2nd largest fish producer**, with around 8% share across the world.

- **Launched in** - 2020.
- **Nodal Ministry** - Ministry of Fisheries, Animal Husbandry and Dairying.
- **Objective** - To *help the fisheries sector achieve new heights* while ensuring socio-economic welfare of fishers, fish farmers and other stakeholders.
- **Duration** - 5 years (2020-2025).

Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana (PMMKSSY)

- **Launched in** - 2023.
- **Umbrella scheme** - PMMKSSY is a component under the Pradhan Mantri Matsya Sampada Yojana (PMMSY).
- **Nodal Ministry** - Ministry of Fisheries, Animal Husbandry and Dairying.
- **Objectives** - To address the *inherent weaknesses of the sector* through identified financial and technological intervention for bringing in institutional reforms.
- **Duration** - 4 years (2023-2027).

Fish Farmers Producer Organizations (FFPOs)

- **Objective** - To provide *financial assistance* to economically empower the fishers and fish farmers and enhance their bargaining power.
- **Umbrella scheme** - Pradhan Mantri Matsya Sampada Yojana (PMMSY).
- **Nodal Ministry** - Ministry of Fisheries, Animal Husbandry and Dairying.

National Geospatial Knowledge-based Land Survey of Urban Habitations (NAKSHA)

- **About** - It is a pilot program, having technical partnership with *Survey of India*.
- **Aim** - To *create and update land records in urban areas* to ensure accurate and reliable documentation of land ownership.
- **Initiative of** - *Department of Land Resources*, Ministry of Rural Development.
- It will empower citizens, *improve ease of living*, enhance urban planning, and reduce land-related disputes.
- **Nodal Ministry** - Ministry of Rural Development and Ministry Agriculture & Farmers' Welfare.
- **Coverage** - 152 Urban Local Bodies (ULBs) across 26 States and 3 Union Territories (UTs).

Bilateral Relations

India-Qatar Joint Business Forum

- **Organized by** – Confederation of Indian Industry (CII) and Department for Promotion of Industry and Internal Trade (DPIIT).
- **Vision** – For long-term economic cooperation, reinforcing the countries commitment to fostering trade, investment, and innovation across key sectors.
- **Objective** – To convene top business leaders, policymakers, and industry stakeholders to explore investment opportunities, technological collaboration, and economic partnerships.

Economy

Electricity Generation Capacity in India

- Out of the total electricity generation capacity from thermal power plants, **private sector power plants have a capacity of 36.20%**, the State sector has 32.03% and the central sector has the capacity of 31.77%.
 - NITI Aayog data show that India accounts for 20,794.36 kg of carbon emission from electricity generation.
- Electricity is a **Concurrent subject** (Entry 38 of List III of the Seventh Schedule of the Constitution), which allows both the central and State governments to legislate on electricity matters.
- According to the Central Electricity Authority (CEA), **Maharashtra** had the highest non-renewable electricity generation capacity, followed by Uttar Pradesh and Gujarat in 2022-23.
 - **Rajasthan** had the highest renewable electricity generation capacity in India.

Science & Technology

Bacterial Cellulose

- **Bacterial cellulose** – It is a biodegradable, natural polymer produced by certain bacteria.
- **Usage** – Human medicines, paper restoration, food, cosmetics textiles, construction materials, electronics and blood vessel regeneration.
- **Potential Applications** – Agriculture, such as facilitating grafting, preserving cut plant material and serving as a growth medium in laboratories.
- It is also known as microbial cellulose.

Matsya-6000

- It is the 4th Generation deep-ocean human scientific submersible.
- **Part of** – Samudrayan Project.
- **Capacity** – To accommodate 3 humans within its compact 2.1-meter diameter spherical hull.
- **Design and developed by** – National Institute of Ocean Technology of Ministry of Earth Sciences.
- **Array of components:**
 - A main ballast system for diving
 - Thrusters for movement in all three directions
 - A battery bank for power supply
 - Syntactic foam for buoyancy.

Miscellaneous

Forward Faster Sustainability Awards 2025

- **Organized by** – UN Global Compact Network India (UN GCNI).
- **Awarded to** – National Thermal Power Corporation (NTPC) Ltd, India's largest integrated power utility.
- **Category** – Water Resilience.
- **Awarded for** – Organizations in India that have made significant strides in advancing sustainability and corporate responsibility, aligning with the United Nations Sustainable Development Goals (SDGs).
- **Eligibility:**
 - Business of any size and sector.
 - Enterprises with less than 10 employees up to multinational corporate with more than 10,000 employees.

ANARNET

- **About** – ANARNET is India's traceability system, ensuring transparency and building consumer confidence in international markets.
- **Developed by** – Agricultural and Processed Food Products Export Development Authority (APEDA).
- **Enhance consumer trust** – It can ensure that Indian agricultural products meet the highest global standards, enhancing consumer trust worldwide.