



EVERYDAY CURRENT AFFAIRS – JANUARY 14, 2025

NATIONAL

- **India's Total Renewable Energy Capacity reached to 209.44 Gigawatts (GW)**
- ✓ India's renewable energy sector has registered remarkable growth.



- ✓ The total installed capacity has reached 209.44 gigawatts (GW) as of December 2024.
- ✓ The capacity has increased by 15.84% from 180.80 GW in December 2023 to 209.44 gigawatts (GW) in December 2024.
- ✓ In 2024, India added a total of 28.64 GW of renewable energy capacity.
- ✓ This increase is part of the government's strategic efforts to accelerate the transition towards clean energy and strengthen energy security.

SCHEMES

- **Mission Mausam**
- ✓ PM Modi launched Mission Mausam on the occasion of the 150th foundation day of IMD. 'Mission Mausam' aims to make India a weather-ready and climate-smart nation.



- ✓ Its main objective is to make India a weather-ready and climate-smart nation by developing cutting-edge weather surveillance technologies and systems.
- ✓ It will also focus on improving the understanding of weather and climate processes, and provide air quality data.
- ✓ The IMD Vision-2047 document for weather resilience and climate change adaptation was also released by PM Modi.

DEFENCE

➤ Utkarsh

- ✓ Utkarsh was launched on 13 January 2025 at L&T, Kattupalli, Chennai.



- ✓ Utkarsh is second of the two Multi-Purpose Vessels, being built by L&T Shipyard for the Indian Navy.
- ✓ 'Utkarsh' means 'Superior in Conduct'. Ministry of Defence and L&T Shipyard on 25 March 2022. The 106 m vessels are designed to achieve a maximum speed of 15 knots.
- ✓ These Multi-Purpose Vessels will have capability of towing ships, launch and recover various targets.

SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ **ISRO's SpaDeX Mission Achieves Satellite Docking Milestone**

- ✓ The Indian Space Research Organisation (ISRO) made a significant leap in space docking technology with its SpaDeX (Space Docking Experiment) mission.



- ✓ The mission involves two satellites, SDX01 (Chaser) and SDX02 (Target), designed to test and demonstrate spacecraft rendezvous, docking, and undocking technologies.
- ✓ This milestone places India on the path to becoming the fourth country after the USA, Russia, and China to achieve this complex space maneuver.

