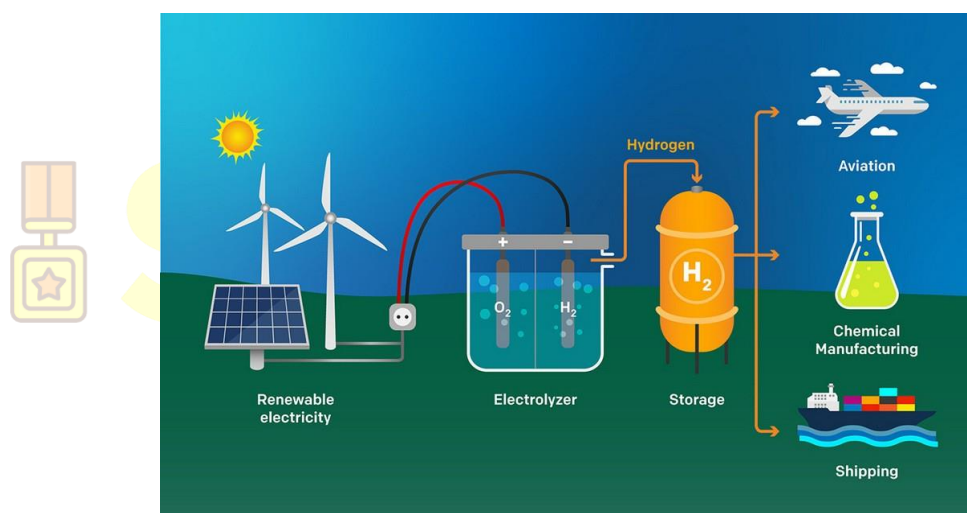


Daily Current Affairs

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Green Hydrogen Production Facility

- New and Renewable Energy Secretary Bhupinder Singh Bhalla has underscored the country's determination to play a pivotal role in the global hydrogen economy. Addressing the **World Hydrogen Summit 2024 in Rotterdam, Netherlands**, he assured the delegates of India's capability to meet any scale of production demand for green hydrogen, provided there is sufficient market demand and support.



- The Secretary reiterated India's position as a global leader in renewable energy affordability, emphasizing the **nation's low cost of renewable energy**. He highlighted **India's integrated grid infrastructure** as a key enabler for the seamless integration of renewable energy sources into the national energy mix.
- He told the Summit audience that this integrated grid not only enhances grid stability and reliability but also enables the strategic placement of renewable energy plants, optimising efficiency and minimizing the need for long-distance transportation and storage of hydrogen.
- Mr. Bhalla said, India's abundant pool of skilled engineers serves as a cornerstone for the successful implementation of renewable energy and green hydrogen projects.



- Mr. Bhalla said that the country's installed electricity capacity from non-fossil-fuel sources is projected to **increase by 50 per cent by 2030 in line** with the country's commitment to transitioning towards sustainable energy sources. He informed that currently around **43 per cent of the country's** installed electricity capacity is from non-fossil-fuel sources.

'Vishwabandhu Bharat'

- Union External Affairs Minister and BJP leader **S Jaishankar** has reasserted that Pakistan-occupied Kashmir (PoK) is a part of India. Addressing an event titled **'Vishwabandhu Bharat'** in Nashik early today, Mr. Jaishankar dismissed the notion of a 'Lakshman Rekha' limiting India's actions.



- When asked about any **potential reaction from China** if India tried to integrate PoK, the minister said PoK is a part of India that had temporarily slipped away due to someone's weakness.

- Referring to the recent protests in Muzaffarabad, Mr. Jaishankar said residents of PoK have started raising questions regarding their suffering and mistreatment.
- Talking about **diplomatic challenges that India is facing with Canada**, Mr. Jaishankar said freedom of speech cannot be used to support separatism and advocate violence, adding that Canada is supporting pro-Khalistani elements just to accommodate their vote bank.

CWUR Report Highlights

- **Center for World University Rankings (CWUR)** released its 2024 report, revealing a mixed bag for Indian higher education institutions.
- While the **Indian Institute of Management (IIM) Ahmedabad** improved its rank, many others, including the prestigious Indian Institute of Science, experienced a decline. Furthermore, Indian Institutes of Technology (IITs) witnessed varied performances, with IIT Bombay notably climbing in rankings.



- **Indian Institutes' Performance**
- **IIM Ahmedabad Leads:** Securing the 410th position globally, IIM Ahmedabad emerges as India's top-performing institution.
- **Indian Institute of Science (IISc) Decline:** Despite its historical prominence, IISc dropped seven places, now standing at 501st.
- **IITs in Focus:** IIT Bombay climbed 14 spots, reaching 568th rank, while IIT Delhi and IIT Kharagpur featured among the top 10 performers.
- **Top 10 Indian Higher Education Institutions**
- Indian Institute of Management Ahmedabad (410)
- Indian Institute of Science (501)
- Indian Institute of Technology Bombay (568)
- Indian Institute of Technology Madras (582)
- Tata Institute of Fundamental Research (606)

- Indian Institute of Technology Delhi (616)
- Delhi University (622)
- Indian Institute of Technology Kharagpur (704)
- Academy of Scientific & Innovative Research (798)
- Punjab University (823)

India Tops Global Internet Shutdowns

- **For the sixth year in a row**, India had the most number of Internet shutdowns reported anywhere in the world in the year 2023. There were **116 incidents in which** the Internet was purposefully disconnected in different regions of the country, as reported by the Keep It On coalition, which is a civil advocacy group.
- People say that these **shutdowns are happening** because of things like racial tensions, ongoing crime, and test times, among other things. Most of the time, these shutdowns are done to stop the **spread of false information** during dangerous times or to stop people from cheating on tests.



- But they have been **faulted for being too general and having big side effects**. These Internet shutdowns have huge effects, especially in places like Manipur where they made it harder to record and report serious human rights crimes like murder, violence against women, and arson.
- This, in turn, changed how the people who did these horrible things could be held responsible.
- **Disruptions also hurt companies and services** that depend on being connected to the Internet, which makes the social cost even higher. This event tended to affect bigger areas rather than small, isolated ones.

- Multiple districts in the same state or area were affected by 64 shutdown orders in 2023. Notably, racist violence caused 47 shutdowns in the state of Manipur. As a result of the search for pro-Khalistani speaker Amritpal Singh in Punjab, the whole state was not allowed to use the Internet.



NASA Captures Yin-Yang Crater

- **NASA's International Space Station** recently took a unique picture of a strange hole on **Mount Nemrut in Turkey**, which is a dormant stratovolcano.
- As seen in the picture, the crater was split in half, making it look like the **Chinese yin-yang sign**. The height of **Mount Nemrut** is **9,672 feet (2,948 meters)**, and it is where **the Eurasian and Arabian tectonic plates** meet.



- The volcano erupted last time it was very **active in 1650**, creating a big caldera that is 5.3 miles (8.5 km) across and almost 2,000 feet (610 m) deep. A study done in 2012 found that this caldera was mostly made by a single big eruption about 250,000 years ago.

- The crater's eastern half had smaller blasts that caused lava flows to solidify on one side. Along time, **water filled up the other side** of the caldera, making a lake in the vent.
- This mountain's stark difference between the two sides is most clear when snow covers it, making it look like the yin-yang symbol.



- The huge eruption also made a big lava flow that blocked a river and formed **Lake Van, which is Turkey's biggest lake**, on the eastern side of the mountain.
- The **largest lake in Turkey** was created on the eastern side of Mount Nemrut when a big lava flow from a **huge eruption about 250,000 years** ago blocked a river.
- The eruptions of **Mount Nemrut** are directly linked to the formation of the lake. A Chinese philosophical idea that shows how different forces are related and can exist at the same time. When it snows, this sign looks like the strange crater on Mount Nemrut, which has two separate halves of solidified lava and a crater lake.

Gold In Federation Cup

- In men's javelin throw, **Olympic champion Neeraj Chopra** won the **gold medal** in Federation Cup 2024 in Bhubaneswar.
- The 26-year-old superstar struggled in the initial rounds of competition as he was second after three rounds.
- He took the lead in the **fourth round with an effort of 82.27m**. Neeraj Chopra last took part in a domestic competition at the same event in 2021, when he won a gold with a throw of 87.80m.

- Since then, he has won a historic **gold in the Tokyo Olympics**, became Diamond League champion in 2022, world champion in 2023 and defended Asian Games gold in China.



Vladimir Putin Arrives In China

- **Russian President Vladimir Putin** arrived in China this morning for a two-day official visit. This is his first trip abroad since he began his fifth term in office.



- Mr. Putin was welcomed by Chinese officials as he stepped off the boarding ramp. Russia's presidential office said Mr. Putin will hold summit talks with his Chinese counterpart Xi Jinping today and the two leaders will sign joint documents.
- **Mr. Putin's delegation includes** Foreign Minister Sergey Lavrov, new Defence Minister Andrei Belousov, a string of deputy prime ministers and heads of state-owned enterprises. They are expected to take part in an expanded meeting.

Sunil Chhetri

- **Indian Football Legend Sunil Chhetri** Has Announced His Retirement After A Distinguished Career With The National Team. In A Social Media Post, Chhetri Revealed That The Upcoming Match Against Kuwait On June 6, This Year At The Salt Lake Stadium In Kolkata Will Be His Final Appearance In The National Colours.



- **Chhetri, The Current Captain** Of The Indian National Team, Made His Debut On 12th June, 2005 Against Pakistan. **India's All Time Top Scorer**, With 94 Goals In 150 International Matches. He Is Also The **Third-highest Active International Goal-scorer**, Behind Only Cristiano Ronaldo Of Portugal And Lionel Messi Of Argentina.

REVIEW QUESTIONS

1. Yin-Yang Crater Located In

- A. China
- B. Japan
- C. Italy
- D. Turkey

ANSWER: D

2. Who Won Silver Medal At The Asian Trampoline Gymnastics Championships

- A. Dipa Karmakar
- B. Kalpana Debnath
- C. Srishti Khandagale
- D. Ruha Divekar

ANSWER: C

3. Where Was 'World Hydrogen Summit And Exhibition 2024' Held

- A. London, UK
- B. Moscow, Russia
- C. Paris, France
- D. Rotterdam, Netherland

ANSWER: D

4. Where Was The 10th Meeting Of The Memory Of The World Committee For Asia And The Pacific Held

- A. Beijing, China
- B. Ulaanbaatar, Mongolia
- C. Jakarta, Indonesia
- D. New Delhi, India

ANSWER: B

5. Koraput Kalajeera Rice Got GI Status, Is Cultivated In Which State

- A. Punjab
- B. Odisha
- C. Andhra Pradesh
- D. Uttar Pradesh

ANSWER: B

6. Manika Batra Is Associated With Which Sports

- A. Table Tennis
- B. Badminton
- C. Football
- D. Chess

ANSWER: A

7. IndiaSkills Competition 2024, Started At Which Place

- A. Hyderabad
- B. Kolkata
- C. New Delhi
- D. Chennai

ANSWER: C

8. Where Was Second Round Of India US Dialogue On Africa Held

- A. California
- B. Washington DC
- C. New Delhi
- D. Varanasi

ANSWER: B

9. Kirkuk Which Was Seen In The News, Is Located In Which Country

- A. Israel
- B. Iraq
- C. Australia
- D. Greece

ANSWER: B

10. Umiam Lake Seen In The News, Is Located In Which State

- A. West Bengal
- B. Arunachal Pradesh
- C. Sikkim
- D. Meghalaya

ANSWER: D

11. Government Of India Has Announced Humanitarian Assistance Worth \$ 1 Million To Which Country

- A. Rwanda
- B. Somalia
- C. Kenya
- D. Uganda

ANSWER: C

12. Indian Cyber Crime Coordination Centre Is Operated Under Which Ministry

- A. Ministry of Defence
- B. Ministry of Power
- C. Ministry of Home Affairs
- D. Ministry of Urban Development

ANSWER: C

13. Which Organization Has Appointed Davide Salvagnini As Its First Chief AI Officer

- A. WMO
- B. ISRO
- C. NASA
- D. FAO

ANSWER: C

14. Which Company Became The First In The World To Get ISO Certification For Its AI Management System

- A. Infosys
- B. Google
- C. Microsoft
- D. Meta

ANSWER: A

15. Which Country Passed The Bill That Permits Prisoners To Join Military

- A. Ukraine
- B. Italy
- C. Russia
- D. Iran

ANSWER: A

16. DigiLocker, Is A Flagship Initiative Of Which Ministry

- A. Ministry of Commerce and Industry
- B. Ministry of Communications
- C. Ministry of Civil Aviation
- D. Ministry of Electronics & Information Technology

ANSWER: D

17. Which Country Successfully Launched A Candle Wax- Powered Rocket Named "SR75" Using Liquid Oxygen

- A. Japan
- B. Germany
- C. France
- D. Russia

ANSWER: B

18. Which Country's Coast Near Dar Es Salaam Is Set To Be Hit By Cyclone Hidaya

- A. Oman
- B. Mozambique
- C. Madagascar
- D. Tanzania

ANSWER: D

19. What Was Salam Bin Razzaq Known For In His Career

- A. Business entrepreneurship
- B. Political activism
- C. Scientific research
- D. Writer and Translator

ANSWER: D

20. Which Newspaper Secured Top Honors At 6th International Newspaper Design Competition

- A. The Times of India
- B. The Hindu
- C. The Guardian
- D. The New York Times

ANSWER: B