

Daily Current Affairs

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ISRO Successfully Launches NVS-02 Satellite

- **Indian Space Research Organisation (ISRO)** successfully launched its new generation satellite **NVS-02 from Sriharikota** in Andhra Pradesh. **Geosynchronous Satellite Launch Vehicle (GSLV-F15)** carrying the NVS-02 lifted off at 6:23 AM this morning.
- This launch marks a remarkable milestone for **ISRO commemorating the 100th launch from Satish Dhawan Space Centre** in Sriharikota. **NVS-02 satellite** has been designed, developed, and integrated at URSC (U R Satellite Centre), with the support of other satellite-based work centres within ISRO.



- This collaborative effort highlights **ISRO's extensive in-house expertise** in satellite development and integration, as well as the agency's ability to manufacture and deploy advanced space technology that meets the country's needs.
- **NVS-02 satellite is the second in the NVS series** and will augment the NavIC (Navigation with Indian Constellation) system, which is India's regional navigation satellite system.



- **NavIC provides accurate Position, Velocity, and Timing (PVT)** services to users across India and the surrounding region, extending up to 1,500 kilometers beyond India's landmass.
- The **system's primary function is to offer highly precise** navigation information to users, a key element in both civilian and military applications. The NVS series satellites (NVS-01, NVS-02, NVS-03, NVS-04, and NVS-05) are designed to enhance and augment the NavIC base layer constellation.
- **The satellites will improve the continuity** of the service and ensure the long-term availability of accurate navigation data for users. ISRO has highlighted the enhanced features of these satellites, aimed at maintaining the high standards of positioning accuracy.

PM Modi Inaugurates 38th National Games

- PM Narendra Modi inaugurated the **38th National Games in Dehradun**, the capital of Uttarakhand. Athletes from across the country **participated in the vibrant Athletes Parade**, showcasing unity and sportsmanship.
- The highlight of the event was the handing over of the National Games torch, Tejaswini, which completed an **inspiring 4,000-kilometer journey** across 13 districts. The torch was presented to Prime Minister Modi by **Olympian Lakshya Sen**.



- In his address, the Prime Minister expressed pride in hosting the National Games in Devbhoomi Uttarakhand, calling it a historic and divine moment for the state. He emphasized that these National Games are being organized as Green Games, promoting sustainability while also celebrating India's traditional sports. **Highlighting the importance of sports in India's growth story**, the Prime Minister said, "India sees sports as an integral part of its development journey."
- The country is moving steadily towards becoming the third-largest economic power." He further noted that the budget for sports has tripled in the past decade, enabling the creation of modern facilities under initiatives like Khelo India.



- **Referring to the Fit India Movement**, PM Modi urged the youth to embrace a healthy and active lifestyle. He encouraged the athletes present at the event and reaffirmed his commitment to elevating India's stature in the global sports arena.
- The **National Games are proposed to be held in 11 cities of 8 districts of Uttarakhand till 1the 4th of next month.**
- A total of **47 events of 35 games** are to be organized during the event. Prior to the formal inauguration of the games, a triathlon competition was organized in which **Manipur and Maharashtra bagged** their first medals.

India Rejects Canadian Report

- **India has rejected a Canadian report claiming** alleged activities related to purported interference in Canada. The Ministry of External Affairs dismissed the allegations, asserting that it is Canada that has been consistently interfering in India's internal affairs.
- The **MEA further pointed out that such interference** has also created an environment for **illegal migration and organized criminal activities**. Rejecting the report's insinuations about India, the MEA said that the support system enabling illegal migration will not be further countenanced.



5th Edition Of Khelo India Winter Games Concludes

- **Ladakh, the 5th edition of the Khelo India Winter Games** concluded. During the event competitions were held for **two winter sports categories-** Ice Hockey and Ice Skating at three venues NDS Stadium, Gupuk Lakes and LSRC ground in Leh.
- Teams from the Union Territory of Ladakh won a total tally of **7 Medals including four Gold, Two Silver and One Bronze**. The event also provided a significant platform for young athletes to display their talents on a national stage, furthering the vision of making India a sporting powerhouse.



- More than **400 athletes from across the country** participated in the Khelo India events in Ladakh. Cultural Performances showcasing the rich heritage of Ladakh were part of these events that brought enthusiasm among the audience.
- The **Khelo India Winter Games aimed to promote winter sports** in the region, showcase the rich cultural heritage of Ladakh and Boost winter Tourism. The second leg of Khelo India will be held in the **famous Ski- Resort Gulmarg of Jammu Kashmir next month**.

Jasprit Bumrah

- **Indian pace spearhead Jasprit Bumrah** has been honoured with the prestigious Sir Garfield Sobers Trophy for **ICC Men's Cricketer of the Year 2024**, recognising his exceptional performances across all formats.
- Bumrah becomes the first Indian pacer to win this award, joining an elite list of **Indian cricketers that includes Rahul Dravid (2004), Sachin Tendulkar (2010),**

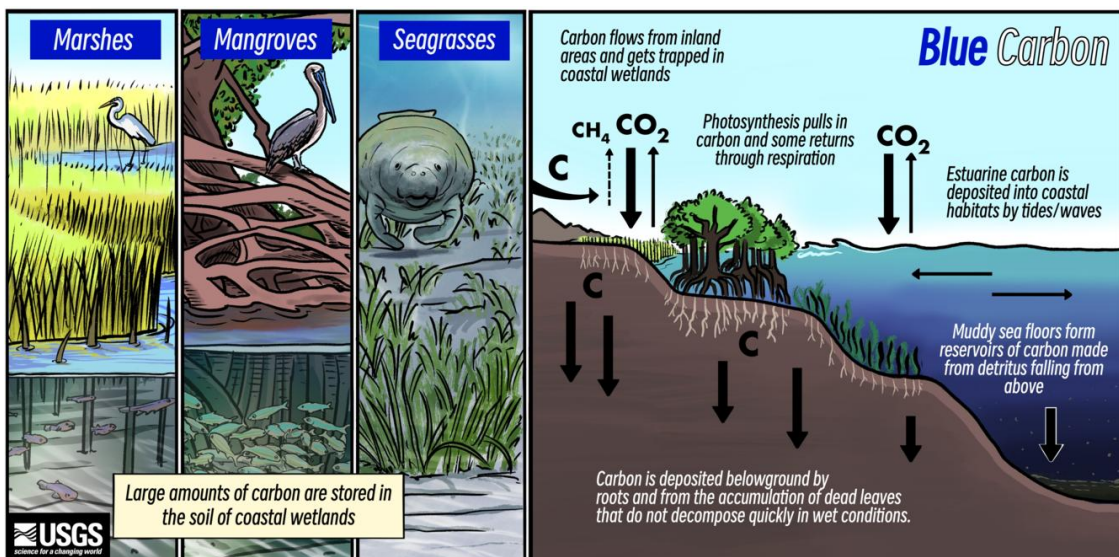
Ravichandran Ashwin (2016), and Virat Kohli (2017, 2018). Bumrah played a crucial role in India's T20 World Cup triumph in 2024, held in the USA and the West Indies. **He finished as the tournament's leading wicket-taker** with 15 scalps, as India defeated South Africa in the final to lift the trophy.



- In Test cricket, Bumrah had an equally dominant year, taking 71 wickets in 13 matches, the highest by any bowler in 2024.
- His contributions were **instrumental in India's success across formats**. Bumrah faced tough competition from Travis Head, Joe Root, and Harry Brook for the coveted award. Earlier this week, he also bagged the ICC Men's Test Cricketer of the Year award, further cementing his place as one of the finest players of the year.
- Expressing his gratitude, **Bumrah highlighted the T20 World Cup victory as a moment that will remain close to his heart**. Currently, Bumrah is recovering from a back **niggle sustained during the Border-Gavaskar Trophy** and is aiming to return in time for the Champions Trophy scheduled to be held from the 19th of next month.
- Sir Garfield Sobers Trophy is a Cricket trophy that is awarded annually by the International Cricket Council to the ICC Men's Cricketer of the Year.

Blue Carbon Ecosystems

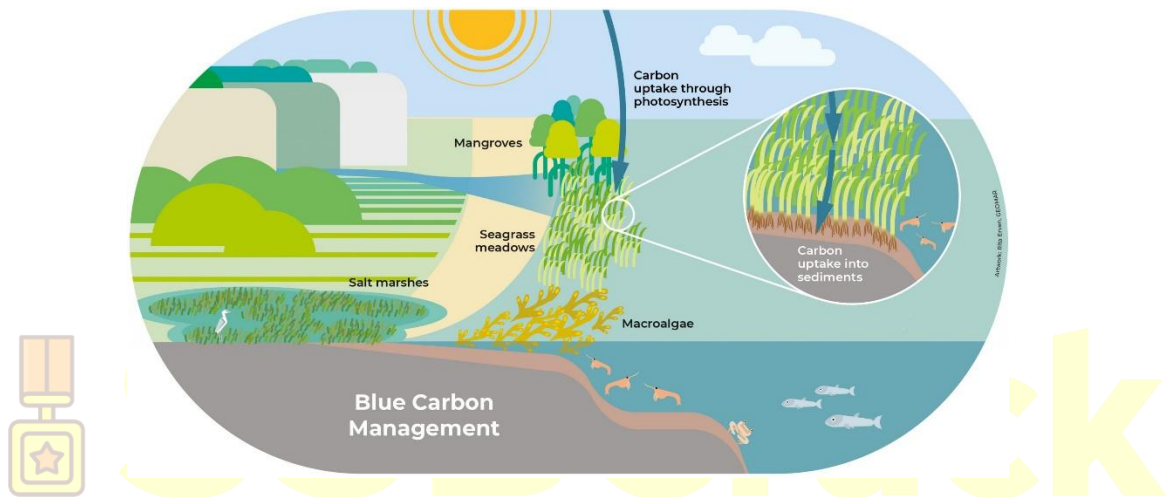
- **Blue carbon ecosystems play important role** in climate change mitigation. They are among the most effective carbon sinks on the planet. Recent studies highlight their capacity to sequester carbon at rates higher than traditional forests.
- **Blue carbon ecosystems refer to coastal and marine habitats** that capture and store carbon. This includes mangroves, salt marshes, and seagrasses. These ecosystems are vital for maintaining biodiversity and providing habitat for marine life.



- They also help protect coastlines from erosion and flooding. Research indicates that mangroves can sequester carbon at rates up to ten times greater than mature tropical forests.



- They can store more **than 1,000 tons of carbon per hectare**. Restoring **just 10% of degraded mangroves** globally could sequester an additional 1.6 billion tons of carbon. This marks the immense potential of these ecosystems in climate mitigation.
- **Blue carbon ecosystems offer numerous co-benefits**. They support local economies through sustainable fisheries and eco-tourism. For instance, restored mangroves **in India have attracted government funding and** increased coastal GDPs. The economic return on investment in blue carbon restoration is high, with every dollar yielding six dollars in economic benefits.



Assam's Second Capital

- **Assam Chief Minister Himanta Biswa Sarma** announced that Dibrugarh would be upgraded to a **full-fledged city and serve as the second capital** of Assam. This decision aims to enhance the Ease of Living and improve connectivity within the region.



- Dibrugarh has a complex history. It was once a centre for **militancy, particularly for the proscribed group ULFA(I)**. The region faced curfews and unrest. Over the years, however, it has evolved.
- The city is now a symbol of resilience. It has transitioned from a troubled past to hosting major national celebrations. Assam government is focused on urban development.
- The elevation of **Dibrugarh as a city is part of a broader strategy**. The Chief Minister laid the foundation for four major flyovers costing Rs 377 crores. These projects aim to improve infrastructure and connectivity.
- The government is also promoting Dibrugarh as a hub for investment and business. **ULFA(I) is a banned militant organization led by Paresh Baruah**, who is reportedly relocating from the China-Myanmar border to Bangladesh after changes in the political scenario there.

REVIEW QUESTIONS

1. 38th National Games Inaugurated In

- A. Dehradun
- B. Mussoorie
- C. Haldwani
- D. Rishikesh

ANSWER: A

2. Which Two Indian Cities Joined The List Of Accredited Wetland Cities Under The Ramsar Convention

- A. Cuttack and Ropar
- B. Ahmedabad and Kolkata
- C. Indore and Udaipur
- D. Bhopal and Jaisalmer

ANSWER: C

3. Which City Becomes Inland Waterways Authority Of India's 6th Regional Office

- A. Bhopal
- B. Varanasi
- C. Chennai
- D. Gorakhpur

ANSWER: B

4. Which Bank Becomes 1st Indian Bank To Implement Clari5's NCRP Integration Solution

- A. Punjab National Bank
- B. Bank of Baroda
- C. Bank of India
- D. Canara Bank

ANSWER: A

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. Who Has Been Honored With The Gangadhar National Award For Poetry 2023

- A. Nilakantha Diksita
- B. Kudikala Vamsidhar
- C. Prativa Satpathy
- D. Tishani Parmar

ANSWER: C

7. Centralised Pension Payments System Is Implemented By Which Organization

- A. Employees' Provident Fund Organisation (EPFO)
- B. Reserve Bank of India (RBI)
- C. Ministry of Finance
- D. Department of Administrative Reforms & Public Grievances

ANSWER: A

8. Which State Government Has Launched PARTH Yojana (Police Army Recruitment Training & Hunar)

- A. Uttar Pradesh
- B. Jharkhand
- C. Madhya Pradesh
- D. Bihar

ANSWER: C

9. Which Drug Has Been Officially Banned In India Due To Its Toxic Impact On Endangered Vultures

- A. Nimesulide
- B. Ketoprofen
- C. Flunixin
- D. Aspirin

ANSWER: A

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. Which Ministry Has Launched The National River Traffic And Navigation System

- A. Ministry of Road Transport and Highways
- B. Ministry of Ports, Shipping & Waterways
- C. Ministry of Jal Shakti
- D. Ministry of Defence

ANSWER: B

12. Kalamkari Painting Is Mainly Practised In Which State

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

ANSWER: D

13. Boda Tyohar Festival Is Celebrated By Which Tribe In Himachal Pradesh

- A. Khampa Tribe
- B. Swangla Tribe
- C. Lahauli Tribe
- D. Hatti Tribe

ANSWER: D

14. What Is The Name Of India's First Warship Equipped With Artificial Intelligence Solutions

- A. INS Surat
- B. INS Kaveri
- C. INS Arihant
- D. INS Nilgiri

ANSWER: A

15. Tungabhadra River, Is Tributary Of Which River

- A. Godavari
- B. Kaveri
- C. Krishna
- D. Narmada

ANSWER: C

16. Where Was The Archaeological Experiential Museum Inaugurated In Gujarat

- A. Ahmedabad
- B. Vadnagar
- C. Gandhinagar
- D. Surat

ANSWER: B

17. The Parshuram Kund Mela Has Organized In Which State

- A. Arunachal Pradesh
- B. Mizoram
- C. Sikkim
- D. Meghalaya

ANSWER: A

18. Nagarhole Tiger Reserve Is Located In Which State

- A. Gujarat
- B. Maharashtra
- C. Karnataka
- D. Kerala

ANSWER: C

19. Name Of The ISRO Mission That Successfully Germinated Lobia Seeds In Space

- A. Plant Growth Module (PGM)
- B. Compact Research Module for Orbital Plant Studies (CROPS)
- C. Space Farming Initiative (SFI)
- D. Agricultural Research in Space (ARS)

ANSWER: B

20. Which Of The Following Islands Is Divided Into Brunei, Indonesia And Malaysia

- A. Sebatik Island
- B. Island of Borneo
- C. Madura Island
- D. Island of Siberut

ANSWER: B

