

Daily Current Affairs

04 November 2024

India's First Analog Space Mission

- **Indian Space Research Organisation (ISRO)** has started the country's **first analog space mission at Leh in Ladakh**, where space agency will simulate life in an interplanetary habitat.
- The move assumes significance as India is **planning to send a human to the Moon in the near future**.
- **Analog space missions are field tests in locations on Earth** that have physical similarities to the extreme space environments and play a significant role in problem solving for spaceflight research.



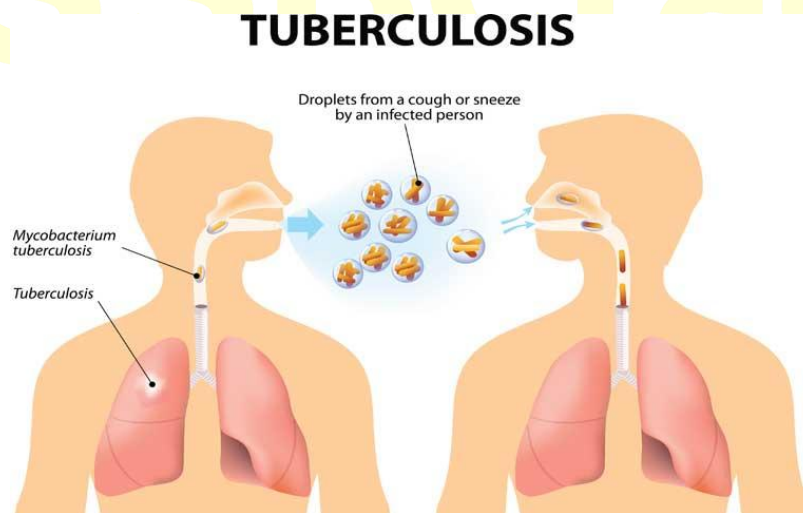
- **Ladakh has been chosen for such a mission** as the geographical features of the area – dry and cold climate, barren land, high-altitude terrain and extreme isolation – are considered to closely resemble Martian and lunar landscapes.
- The **month-long mission comes in the wake of India's plans** to set up lunar habitats, which could provide a base to launch interplanetary missions. The

mission includes a compact, inflatable **habitat named Hab-1**, which is equipped with essentials like a hydroponics farm, kitchen, and sanitation facilities.

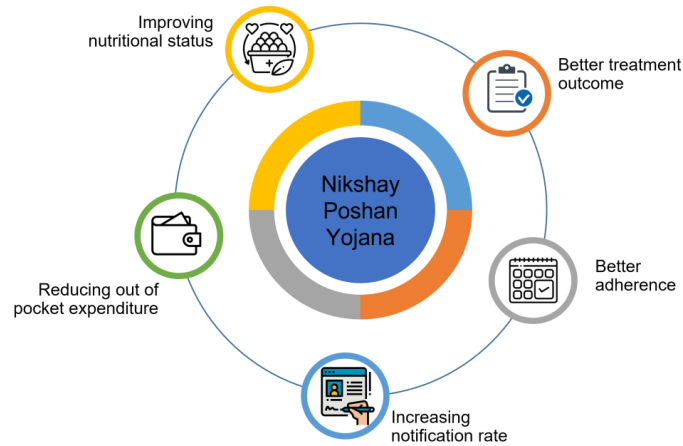
- It provides a **self-sustaining environment, offering valuable** data as India is planning long-duration space missions to the Moon, Mars, and beyond.
- ISRO said, analog space **mission at Leh is a collaborative effort** by Human Spaceflight Centre, ISRO, AAKA Space Studio, University of Ladakh, IIT Bombay, and supported by Ladakh Autonomous Hill Development Council.
- **Lying at an elevation over 3,000 metres** above sea level, Ladakh has oxygen levels only 40 percent of those at sea level. The low-pressure and low-oxygen setting allows researchers to evaluate life support systems under conditions similar to those on Mars.

Decline In Tuberculosis

- Prime Minister Narendra Modi said that decline in **tuberculosis incidence is an outcome of India's dedicated** and innovative efforts. Commending the country's progress, Mr Modi said in a social media post that through a collective spirit, the government will keep working towards a **TB-free India**.



- Government remained steadfast in commitment to creating a TB-free India. According to the **World Health Organization (WHO)** India has recorded a decline of **17.7 percent in TB incidence from 2015 to 2023**.
- This rate is more than double the global **decline of 8.3 per cent**.
- The government has expanded and strengthened the National TB Elimination Programme by taking key **initiatives such as the Ni-Kshay Poshan Yojana** to provide essential nutritional support to TB patients.



First Asian Buddhist Summit

- Ministry of Culture in collaboration with the **International Buddhist Confederation**, is organizing the **First Asian Buddhist Summit (ABS)** on 5th and 6th November in New Delhi.
- The theme of this summit is '**Role of Buddha Dhamma in Strengthening Asia**'. President Droupadi Murmu is expected to grace the event as the Chief Guest.



- The Summit will bring together Sangha leaders, scholars, experts and practitioners from various **Buddhist traditions across Asia to foster dialogue**, promote understanding and address contemporary challenges faced by the Buddhist community.
- **Buddhism holds a unique position in the spiritual and cultural history** of India and pan-Asia. The Summit marks a unique opportunity to bring together diverse voices of Buddha's Dhamma across Asia.

352nd Governing Body Meeting Of ILO

- **352nd Governing Body meeting of the International Labour Organisation (ILO)** is underway in Geneva. During the meeting Labour and Employment Secretary **Sumita Dawra highlighted India's** commitment to improving living standards reflected in significant initiatives covering all dimensions of poverty that have led to **248 million individuals escaping multidimensional poverty** in the last nine years as measured by the **multidimensional poverty index**.



- She also stated the employment growth within the country adding around 170 million persons in economic activity during 2016-17 and 2022-23 as per provisional estimates.
- Ms. Dawra also spoke about the Government initiatives like **PM Jan Dhan Yojana**, which bridged the financial gap for the unbanked, while **PM Jeevan Jyoti Yojana** and **PM Suraksha Bima Yojana** offered affordable life and accident insurance.
- She also stressed on **India's remarkable transformation** over the past decade in terms of financial inclusion and prioritizing access to financial services for vulnerable populations.

- India emphasized that a convergent approach will ensure UN bodies operate more synergistically for fulfilling the shared vision of promoting social justice and sustainable inclusive development globally.

1st Ministerial Declaration On Disaster Risk Reduction

- With the active participation of a high-level Indian delegation, a G20 meeting has arrived at a consensus in finalising the **first Ministerial declaration on Disaster Risk Reduction (DRR)**, according to an official statement.
- **G-20 Disaster Risk Reduction Working Group (DRRWG) Ministerial Meeting** was held from 30th October to 1st November 2024 in **Belem, Brazil**.



- Principal Secretary also emphasized India's approach to **disaster risk reduction, on five priorities of DRRWG**. These are **Early warning systems**, Disaster resilient infrastructure, Disaster Risk Reduction financing, Resilient recovery and Nature based solutions.
- The **first DRRWG was established on India's initiative** during its presidency of G20, last year in New Delhi.
- **Alongside DRRWG, the Indian Delegation** also participated in Troika meetings with the Ministers of Brazil and South Africa, and held bilateral meetings with ministers from the host country Brazil and other countries including Japan, Norway, South Africa, South Korea, Germany among others.

Dr. S. Jaishankar On 6 Day Visit To Australia & Singapore

- External Affairs Minister **Dr. S. Jaishankar will be on a six day visit** to Australia and Singapore. During the visit, Dr Jaishankar will travel to Brisbane and inaugurate India's **4th consulate in Australia**.
- He will also co-chair the **15th Foreign Ministers' Framework Dialogue** with his Australian counterpart Penny Wong in Canberra.



- External Affairs Minister will deliver the keynote address at the inaugural session of the **2nd Raisina Down Under** to be held in the Australian Parliament House.
- He is also scheduled to have interactions with Australian leadership, parliamentarians, members of the Indian diaspora, business community, media and think tanks.
- On the second leg of the visit, **Dr Jaishankar will travel to Singapore** for an official visit on 8th of this month, during which he will address **the 8th Roundtable of ASEAN – India Network of Think Tanks**. He will also meet the leadership of Singapore to review the close partnership between the two countries and explore avenues to further enhance the bilateral relationship.

Indian Startup Ecosystem

- **Indian startup ecosystem has reached 12.2 billion dollars** in funding in the first 10 months this year. It has already surpassed the total amount raised throughout **2023, with two months to go.**
- **Homegrown startups crossed 1 billion dollars** in funding again across 119 deals in the month of October.
- September saw the second-highest **funding with 1.63 billion dollars**, behind the **peak of 1.92 billion registered in June.**



- In October, the growth and late-stage funding segment comprised 28 deals, **contributing 846.2 million dollars to the total funding** amount.
- Last month, Union Cabinet, chaired by Prime Minister Narendra Modi, approved the setting up of a **1,000 crore rupees venture capital (VC)** fund dedicated to the growing space sector.
- The deployment period of the proposed venture capital fund, under the aegis of IN-SPACe, is planned to **be up to five years from the actual date** of the start of the fund operations. The average deployment amount could be **150 to 250 crore rupees per year**, depending on the investment opportunities and fund requirements.

India's Updated NBSAP At COP 16 Meeting

- Minister of State for Environment, Kirti Vardhan Singh, launched India's updated **National Biodiversity Strategy and Action Plan (NBSAP)** at the **16th meeting of the Conference of Parties (COP 16)** in Colombia.



- During the launch event, the Minister highlighted **India's 'whole-of-government' and 'whole-of-society'** approach in updating its NBSAP. The updated biodiversity strategy **acknowledges environmental challenges** and outlines strategies to address them.
- It addresses the challenges through ecosystem restoration, species recovery programs, and **community-driven conservation efforts**.



- Minister said the **updated biodiversity strategy focuses** on the restoration of degraded ecosystems, protection of wetlands, and on the sustainable management of marine and coastal areas.

- Mr. Singh also said that the action plan is a vital roadmap to halt and reverse **biodiversity loss by 2030**, with a longer-term vision of living in harmony with nature by 2050. The document was released on the 30th of last month.

India's Atanu Das Bags Bronze Medal

- **India's Atanu Das has bagged Bronze medal** in Swiss Open Indoor Archery in **Lausanne, Switzerland**. Olympian Atanu Das defeated **Switzerland's Thomas Rufer 6-4** in the Recurve Men's Bronze medal match. Earlier in the Semifinals, Atanu faced a defeat against Romain Fichet of France 4-6.



SSB

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EXAMS

REVIEW QUESTIONS

1. **Atanu Das Has Bagged ___ Medal In Swiss Open Indoor Archery In Lausanne**
 - A. Gold
 - B. Silver
 - C. Bronze
 - D. None Of The Above

ANSWER: C

2. **Pranahita Wildlife Sanctuary, Is Located In Which State**
 - A. Karnataka
 - B. Maharashtra
 - C. Telangana
 - D. Kerala

ANSWER: C

3. India's First Analog Space Mission Started In

- A. Ladakh
- B. Kerala
- C. Gujrat
- D. Delhi

ANSWER: A

4. Where Was The Climate And Health Africa Conference Held

- A. Kenya
- B. Zimbabwe
- C. Cameroon
- D. Angola

ANSWER: B

5. Which Modern Farming Techniques Are Being Added To Mission For Integrated Development Of Horticulture

- A. Hydroponics, Aquaponics, Vertical Farming, and Precision Agriculture
- B. Crop Insurance, Subsidies, Weather Forecasting, Farm Mechanization
- C. Soil Testing and Drip Irrigation
- D. Drone Farming, Satellite Imagery and Data Analysis

ANSWER: A

6. Simhachalam Temple, Is Located In Which State

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

ANSWER: B

7. Which Zoological Park Has Become India's First Zoo To Earn Certification From The Indian Green Building Council

- A. Rajiv Gandhi Zoological Park, Pune
- B. Durgesh Aranya Zoological Park, Himachal Pradesh
- C. Nehru Zoological Park, Hyderabad
- D. National Zoological Park, New Delhi

ANSWER: A

8. Typhoon Kong Rey Has Hit Which Country Recently

- A. Taiwan
- B. Hong Kong
- C. Vietnam
- D. Japan

ANSWER: A

9. When Is “International Day To End Impunity For Crimes Against Journalists” Observed Every Year By The UN

- A. November 1
- B. November 2
- C. November 3
- D. November 4

ANSWER: B

10. What Is The Theme Of Vigilance Awareness Week 2024

- A. Self Reliance with Integrity
- B. Culture of Integrity for Nation’s Prosperity
- C. Say no to corruption; commit to the Nation
- D. Corruption Free India for a developed National

ANSWER: B

11. Mhadei Wildlife Sanctuary Is Located In Which State

- A. Telangana
- B. Maharashtra
- C. Goa
- D. Gujarat

ANSWER: C

12. What Is The Primary Objective Of Mission Amrit Sarovar

- A. To promote drip irrigation
- B. To address the water crisis in rural areas
- C. To increase tourism in river cities
- D. None of the Above

ANSWER: B

13. Where Were The Sandstone Replicas Of The Konark Wheel Installed

- A. India Gate
- B. Red Fort
- C. Rashtrapati Bhavan
- D. Parliament House

ANSWER: C

14. Where Was India's First Helicopter Ambulance Service Launched

- A. AIIMS New Delhi
- B. AIIMS Jaipur
- C. AIIMS Rishikesh
- D. AIIMS Bilaspur

ANSWER: C

**15. Which Spiritual Leader Was Honored With Fiji's Highest Civilian Award
"Honourary Officer Of The Order Of Fiji"**

- A. Swami Mukundananda
- B. Mata Amritanandamayi
- C. Sri Sri Ravi Shankar
- D. Baba Ramdev

ANSWER: C

16. Tihar Festival Is Mainly Celebrated In Which Country

- A. Bangladesh
- B. Nepal
- C. Bhutan
- D. Myanmar

ANSWER: B

**17. What Technology Was Used To Detect The Lost Mayan City Hidden In The
Mexican Forest**

- A. GPS
- B. LiDAR
- C. Sonar
- D. MRI

ANSWER: B

18. Chronic Wasting Disease Primarily Affect Which Animals

- A. Deer, elk, and moose
- B. Cattle and sheep
- C. Pigs and Wolves
- D. Dogs and cats

ANSWER: A

19. Taiwan Established Taipei Economic And Cultural Centre In Which City Of India

- A. Bengaluru
- B. Jaipur
- C. Mumbai
- D. Bhopal

ANSWER: C

20. Cirrhosis Is A Disease That Affects Which Among Following Organs

- A. Kidney
- B. Liver
- C. Pancreas
- D. Small intestine

ANSWER: B