



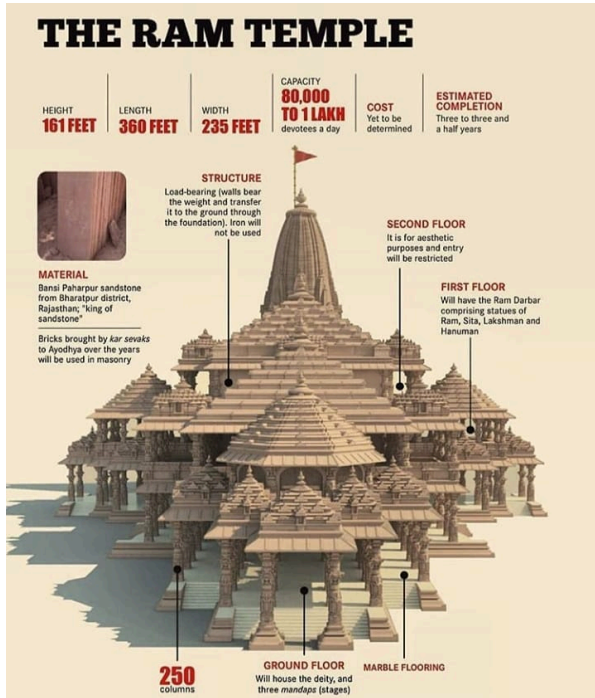
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23 January 2024

National & International News

Architectural details of Ayodhya Temple



- The Temple is built over **three 20-foot high floors each with a total of 392 pillars and 44 doors.**
- **Makrana Marble and Pink sandstone, granite stone, and colored Marble** are used in the construction.
- Foundation of the temple is built of a **14-metre-thick layer of roller-compacted concrete.** And a 21-foot-high granite plinth has been placed to protect against ground moisture.
- Iron has not been used anywhere in the construction.
- The Architectural style of the temple is **Nagara style with Sanctum Sanctorum (garbhagriha), Mandaps (halls), and Mandirs.**
- At each corner of the compound will be dedicated to Surya, Bhagwati, Ganesh, Shiv. On the northern and southern arms, temples to Annapurna and Hanuman will be built respectively.
- Temples of Maharshi Valmiki, Vashishtha, Vishwamitra, Agastya, Nishad Raj, Shabri etc have also been proposed.

Pradhanmantri Suryodaya Yojana



Context

- PM Modi announces scheme **to install rooftop solar systems in 10 million homes**
- It has a target of installing rooftop solar on 1 crore houses

Key points

- The **Pradhanmantri Suryodaya Yojana's main objective** is to **provide electricity to low and middle-income individuals** through solar rooftop installations.
- It also aims to offer additional income for surplus electricity generation.

Pradhan Mantri Rashtriya Bal Puraskar

Context

- A total of 19 children were given the national children's awards for the year 2024 by the President.



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- The 'Pradhan Mantri Rashtriya Bal Puraskar' was given to nine boys and 10 girls in six categories, namely art and culture, bravery, innovation, science and technology, social service and sports.

About

- The Central government confers the Pradhan Mantri Rashtriya Bal Puraskar (PMRBP) to children for their exceptional achievements.
- The awards are conferred upon the children in the **age group of 5–18**.

Name	State	Category
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- | | | |
|--|-------------------|----------------------|
| Aaditya Vijay Bramhane(posthumous)-Maharashtra | Bravery | |
| Anushka Pathak | Uttar Pradesh | Art & Culture |
| Arijeet Banerjee | West Bengal | Art & Culture |
| Armaan Ubhrani | Chhattisgarh | Art & Culture |
| Hetvi Kantibhai Khimsuriya | Gujarat | Art & Culture |
| Ishfaq Hamid | Jammu & Kashmir | Art & Culture |
| Md Hussain | Bihar | Art & Culture |
| Pendyala Laxmi Priya | Telangana | Art & Culture |
| Suhani Chauhan | Delhi | Innovation |
| Aryan Singh | Rajasthan | Science & Technology |
| Avnish Tiwari | Madhya Pradesh | Social Service |
| Garima | Haryana | Social Service |
| Jyotsna Aktar | Tripura | Social Service |
| Saiyam Mazumder | Assam | Social Service |
| Aaditya Yadav | Uttar Pradesh | Sports |
| Charvi A | Karnataka | Sports |
| Jesicca Neyi Saring | Arunachal Pradesh | Sports |
| Linthoi Chanambam | Manipur | Sports |
| R Surya Prasad | Andhra Pradesh | Sports |

Indigenous Mobile Hospital (BHISHM) Deployed in Ayodhya

Key Points:

- **Two Arogya Maitri Disaster Management Cube-BHISHM, revolutionary mobile hospitals** equipped with cutting-edge technology, have been deployed in **Ayodhya** to bolster medical readiness.
- This cube is a part of the broader initiative



named “Project BHISHM” – Bharat Health Initiative for Sahyog, Hita and Maitri, is tailored to treat up to 200 casualties, emphasizing rapid response and comprehensive care.

- The whole unit contains **72 easily transportable components** that can be conveniently carried by hand, cycle, or even drone, providing unmatched flexibility.
- In the face of mass casualty incidents (MCIs), where requirements range from basic aid to advanced medical and surgical care, the Aid Cube stands out with its ability to be deployed within an astonishing **12 minutes**.
- The **state-of-the-art BHISHM software system integrated into a provided tablet** allows operators to locate items quickly, monitor their usage and expiry, and ensure readiness for subsequent deployments.

Baltic Sea



Context

Russia blames **Kyiv** for attack on gas terminal at the Baltic Sea port.

About

- It is part of the **North Atlantic Ocean, situated in Northern Europe**.
- It extends northward from the latitude of southern Denmark almost to the Arctic Circle and separates the Scandinavian Peninsula from the rest of continental Europe.
- The Baltic sea connects to the **Atlantic Ocean through the Danish Straits**.
- It is the largest expanse of brackish water in the world. Its water salinity levels are lower than that of the World Oceans due to the inflow of fresh water from the surrounding land and the sea's shallowness.
- **Surrounding Countries:** Denmark, Germany, Poland, Lithuania, Latvia, Estonia, Russia, Finland and Sweden.

Cannabis compound that has antibiotic effects

Context

- Scientists at **CSIR-Indian Institute of Integrative Medicine (IIIM), Jammu**, have found that phytocannabinoids, a class of compounds found in the cannabis plant, possess some hitherto unexplored antibiotic



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properties.

- Cannabis has the potential to make a dent in India's fight against the escalating threat of antibiotic resistance.
- **Antimicrobial resistance (AMR) is a major health concern worldwide.** It refers to when bacteria, viruses, fungi, and parasites no longer respond to medicines used to treat them.
- Reports have also flagged the overuse of antibiotics in India, their misuse in animal husbandry, and poor waste disposal for engendering AMR and potentially rendering India the "**AMR capital of the world**".

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