



22 January 2023

National and International News

Ayodhya Ram Mandir Pran Pratishtha Ceremony



Context

- Prime Minister Narendra Modi is set to preside over the ‘**pran-pratishtha**’ ceremony at the Ram Mandir in Ayodhya, marking the consecration of the 51-inch idol of Ram Lalla.
- Crafted by sculptor **Arun Yogiraj**, the idol depicts a five-year-old Lord Ram

Important details


- Temple Name-Shri Ram Mandir (popularly known as Ram Mandir)
- Location- Ayodhya, Uttar Pradesh, India
- Dedication- Lord Shri Rama
- Significance- Built at Ram Janmabhoomi, birthplace of Lord Shri Rama
- **Construction Style- Indian Nagar Style**
- **Architect- Chandrakant B. Sompura (CBS)**
- Construction Company- Larsen and Toubro (L&T)
- Project Management Company- Tata Consulting Engineers Limited (TCEL)

Ayodhya Ram Mandir History From 1528-2024 Period Event

- 16th Century-**The temple was attacked and destroyed by Babur.
- 1767-** The earliest record of the mosque in Descriptio Indiae.
- 1853-** The first instance of religious violence was documented.
- 1858-** British administration prohibits Hindu rituals.
- 1949-** Murtis of Rama and Sita were installed inside Babri Masjid.
- 1950-** The state took control of the mosque; Hindus allowed worship.
- 1980s-** Vishwa Hindu Parishad (VHP) launches movement for a temple.
- 1989-** VHP leaders conduct Shilanyas, laying the foundation adjacent to the disputed site.
- 1992-** Demolition of the mosque by VHP and BJP rally; inter-communal violence ensues.
- 2005-** Terrorist attack on makeshift Ram temple;

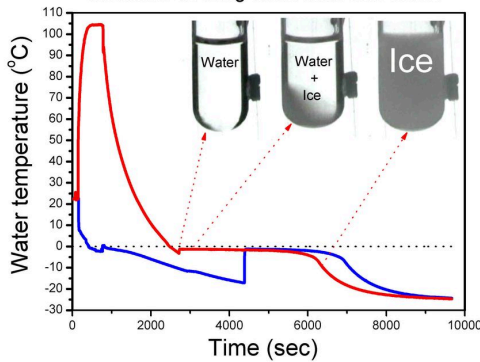


Daily Current Affairs Encyclopedia

	<p>attackers killed.</p> <p>2019- Supreme Court's verdict on Ayodhya dispute; land handed to Shri Ram Janmabhoomi Teerth Kshetra trust.</p> <p>2020- Government approves plan for temple construction; land allocated for a new mosque in Dhannipur village</p> <p>Ram Mandir Murti</p> <ul style="list-style-type: none"> • The Statue of Rama is a planned monument in Ayodhya, Uttar Pradesh, India. It will be 181 meters (594 ft) tall, and 251 meters (823 ft) tall including the plinth and umbrella. • The idol of Ramlala, which depicts Lord Ram as a five-year-old child, was revealed days before the consecration ceremony on Monday. The idol was made by the famous sculptor Arun Yogiraj from Karnataka. The new idol will be called Achal Murti, while the old idol will be called Utsav Murti
<p>Mosquitofish</p> 	<p>Context</p> <p>Various government and non-governmental organizations in Andhra Pradesh, Odisha, and Punjab have released mosquitofish into local water bodies to address a mosquito menace that locals have complained about.</p> <p>About</p> <ul style="list-style-type: none"> • It is also known as mosquito fish, and is widely used as a biological agent for controlling mosquito larvae. • It is native to the waters of the south-eastern United States. • It has been a part of mosquito-control strategies for over a century in various parts of the world, including India. • A single full grown fish eats about 100 to 300 mosquito larvae per day. • Also it has been part of various malaria control strategies in India since 1928, including the Urban Malaria Scheme. • The International Union for Conservation of Nature declared Gambusia one of the 100 worst invasive alien species in the world.
<p>Mpemba effect</p>	<ul style="list-style-type: none"> • The Mpemba effect is the name given to the observation that a liquid (typically water) which is initially hot can freeze faster than



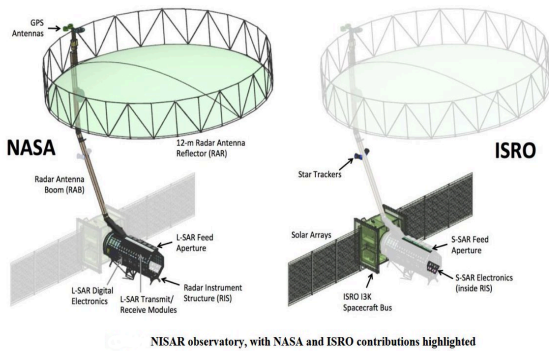
Have we observed the Mpemba effect?
Hot water freezing faster than cold water.



the same liquid which begins cold, under otherwise similar conditions.

- There is disagreement about its theoretical basis and the parameters required to produce the effect.
- The Mpemba effect is named after Tanzanian scientist Erasto Bartholomeo Mpemba, who described it in 1963 as a secondary school student.

NASA-ISRO Synthetic Aperture Radar (NISAR) Mission



Context

The **NASA-ISRO Synthetic Aperture Radar (NISAR) Mission**, designed to observe natural processes and changes in earth's complex ecosystems, is on track for an **“early 2024” launch**.

About

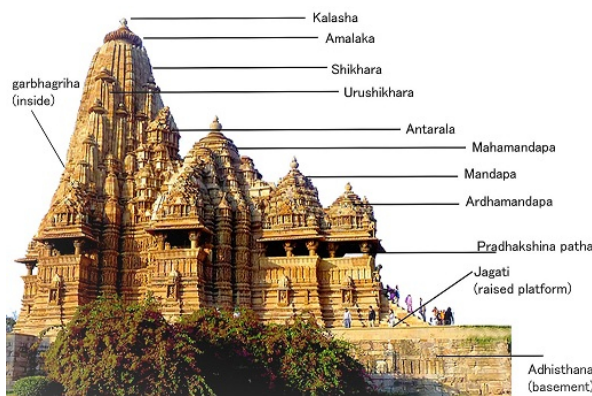
- NISAR is a **Low Earth Orbit (LEO) observatory jointly developed by NASA and ISRO**.
- It is an **SUV-size satellite weighing 2,800 kilograms**.
- It consists of both **L-band and S-band synthetic aperture radar (SAR) instruments**, which makes it a **dual-frequency imaging radar satellite**.
- NISAR will be the first satellite mission to use two different radar frequencies (L-band and S-band) to measure changes in our planet's surface.
- SAR is capable of penetrating clouds and can collect data day and night regardless of the weather conditions.
- NASA has provided the **L-band radar, GPS, a high-capacity solid-state recorder** to store data, and a payload data subsystem. ISRO has provided the S-band radar, the GSLV launch system, and spacecraft.
- It also consists of a **large 39-foot stationary antenna reflector made of a gold-plated wire mesh** which will be used to focus “the radar signals emitted and received by the upward-facing feed on the instrument structure.
- It will measure **Earth's changing ecosystems, dynamic surfaces, and ice masses, providing information about biomass, natural hazards, sea level rise, and groundwater**.



- NISAR will observe Earth's land and ice-covered surfaces globally with 12-day regularity on ascending and descending passes.

Kerala Regional News

Ayodhya's Ram temple is being built in Nagara Style



Context:

- The Ram temple in Ayodhya have been designed by Chandrakant Sompura and his son Ashish
- The temple design complex is in the Nagara style of temple architecture.

About:

- The Nagara style of temple architecture emerged some time in the fifth century CE, during the late Gupta period, in northern India.
- Some important features of Nagara Style Architecture are:

Shikhara:

- The crowning glory of Nagara temples is the shikhara, a curvilinear tower that tapers upwards, symbolizing the ascent towards the divine.
- Its shape can vary depending on the sub-style, ranging from the beehive-like Rekha to the segmented Bhumiya

Amalaka and Kalasha:



- Atop the shikhara sits the amalaka, a fluted disc representing the sun. It's crowned by the kalasha, a pot symbolizing prosperity and the containment of the sacred essence within the temple

Mandapa:

- The mandapa serves as a gathering space for devotees, often featuring intricately carved pillars and ceilings. It can be enclosed or



Daily Current Affairs Encyclopedia

	<p>open-air, depending on the temple's layout.</p> <p>Garbhagriha:</p> <ul style="list-style-type: none"> The innermost sanctum of the temple, the garbhagriha houses the main deity. It's typically the most sacred space, often dimly lit and adorned with religious iconography
<p>Drone survey-based study to quantify soil loss in Idukki following landslides</p>	<p>Context:</p> <ul style="list-style-type: none"> An expert team has conducted a drone survey-based study to quantify soil loss in Idukki, including areas belonging to the Western Ghats, following recent landslips. Aim of the study was to conduct a holistic study of landslips in various parts of Idukki in order to identify parameters influencing landslips and propose effective mitigation measures.
<p>Parambikulam Tiger Reserve welcomes new residents</p> 	<p>Context:</p> <ul style="list-style-type: none"> A recent faunal survey at the Parambikulam Tiger Reserve has added 11 new species records to its database. It includes three birds, four butterflies and four odonates. The exercise conducted by the Forest department in association with Travancore Nature History Society (TNHS) and other NGO's
<p>NASA scientists to speak at Global Science Festival Kerala</p> 	<p>Context:</p> <ul style="list-style-type: none"> Scientists from NASA's Jet Propulsion Laboratory (JPL) will speak at the Global Science Festival Kerala (GSFK) on Jan 22 The month-long festival is on at the Bio 360 Life Sciences Park, Thonnakkal. The speakers are Kyle C. McDonald of the Department of Earth and Atmospheric Sciences at the City College of New York and Faculty in the Carbon Cycle and Ecosystems Group at JPL and others .
<p>Calligraphy exhibition begins at Madin Academy</p>	<p>Context:</p> <ul style="list-style-type: none"> A calligraphy exhibition was organized by Madin Academy in Malappuram International calligrapher Mukhtar Ahmed and Malayalam calligraphy's father Narayana



മലയാളം

ADDAPEDIA

To get free Live Classes,
Materials Scan this QR Code &
Download our Adda247 App



Daily Current Affairs Encyclopedia



Bhattathiri jointly inaugurated the two-day exhibition.

- The function was **presided by Madin Academy chairman Syed Ibrahim Khaleel Bukhari**

Copyright © by Adda247

All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Adda247.