

# Manthan HEADLINES



English

Weekly Compilation  
[22nd-27th September, 2025]



# India's UNESCO Tentative List Grows To 69 With Seven New Natural Sites

## Context

- The **seven heritage sites** from across India have been included in the **UNESCO's Tentative list of World Heritage Sites**, raising it to 69.

## Newly Added Sites

- **Deccan Traps at Panchgani and Mahabaleshwar**, Maharashtra
- **Geological Heritage of St. Mary's Island Cluster**, Karnataka
- **Meghalayan Age Caves**, Meghalaya
- **Naga Hill Ophiolite**, Nagaland
- **Erra Matti Dibbalu (Red Sand Hills)**, Andhra Pradesh
- **Natural Heritage of Tirumala Hills**, Andhra Pradesh
- **Varkala Cliffs**, Kerala

## UNESCO Tentative List

- A tentative list is a sites a country intends to nominate for **World Heritage status**
- It is a prerequisite for being nominated to the **World Heritage List**.
- Managed under the **World Heritage Conventions (1972)**.

## Nodal Agency (India)

- Archaeological Survey of India



Prime Minister Shri Narendra Modi launches 'Swasth Nari, Sashakt Parivar Abhiyaan' and 8th Rashtriya Poshan Maah from Dhar, Madhya Pradesh

## Context

- **The Prime Minister of India** launched the campaign during the **Rastriya Poshan Maah** in **Madhya Pradesh**.

## Overview:

- The initiative is led jointly by the **Ministry of Health and Family Welfare (MOHFW)** and **Ministry of Women and Child Development (MoWCD)** for **nationwide implementation**.
- It aims to provide **community-level preventive, promotive and curative healthcare** for women.
- It will be implemented through 10 lakh health camps at government healthcare facilities.
- This mission strengthens screening, early detection, and treatment of major women-related health issues.

## Significance

- This mission strength **screening, early detection** and **treatment** of major women-related health issues.
- It focuses on treatments of -
  - **Non-comuunicable diseases**
  - **Anameia**
  - **Tuberculosis**
  - **Sickle cell diseases**
- It promotes **Mental Health, Child Health** and **Adolescent**.





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# Astronomers have spotted the biggest bangs since the Big Bang

## Context

- Scientists have discovered **Extreme Nuclear Transients (ENT)**- explosion even more powerful than Gamma-Ray Bursts (GRB).

## What is GRB?

- It is a highly energetic explosion observed in distant galaxies, among the most powerful events in the universe after the Big Bang.

## What are ENTs?

- ENTs phenomena occur when **massive stars** are torn apart by **supermassive black holes** at the centres of distant galaxies.
- These events release **energy equivalent to 100 Suns** over their lifetimes.
- They are visible across vast **cosmic distances** and **remains luminous** in radio wavelengths for year.

## Significance of ENTs

- It helps scientists study **supermassive black holes** and **galactic evolutions**.
- It offers insights into the **early universe**.



News

## Nightmare Bacteria: What it is and why US cases are surging

### Context

- **American Centers for Disease Control and Prevention (CDC) report:** infections from drug-resistance “**nightmare bacteria**” rose by 70% from 2019 to 2023.

### What is ‘Nightmare Bacteria’?

- It refers mainly to **Carbapenem-Resistance Enterobacteriaceae (CRE)**.
- It includes a bacteria named- **Escherichia coli (E.coli)** and **klebsiella pneumonia**.
- It is called “**nightmare**” because they are resistant to carbapenems- antibodies used as a last resort.

### Antimicrobial Resistance (AMR)

- It occurs when **bacteria/fungi resist drugs** meant to kill them.
- It makes infections harder to treat, increasing **illness, death** and the **healthcare costs**.

### NDM Gene-Key causes

- It rises in cases linked to bacteria carrying the **NDM gene (New Delhi metallo-  $\beta$ -lactamase)**.
- NDM gene enables **bacteria to neutralise multiple antibiotics**, including carbapenems
- It is **originally detected in India**, now spreading globally.

### Why it Matters

- It leads to **treatment failure** in critical infections.
- It **increases risk** of the outbreaks in hospitals.
- A major global health threat needing **urgent global actions**.



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# UPI now accepted in Qatar, Qatar Duty Free becomes first merchant

## Context

- **National Payment Council of India (NPCI)** International partnered with **Qatar National Bank** to enable **UPI QR code payments** in Qatar.

## What is UPI?

- **Unified Payments Interface (UPI)** is a real-time, instant digital payment system.
- It was developed by the **National Payment Corporation of India (NPCI)** in 2016.

## How does it works?

- It operates on **Immediate Payment Services (IMPS)** infrastructure.
- It allows linking of **multiple bank accounts** in one app (e.g. Google Pay, Phone Pay, PhonePe, Paytm, Bhim).
- It enables **24\*7 instant fund transfers** using mobile phones.

## Global Recognition

- World's largest **real-time payment system**.
- In 2024, UPI processed over **12 billion transactions monthly**, covering 65% of India's retail **digital payments**.

## Internationally accepted in:

- UAE, Nepal Bhutan France, Singapore, Sri Lanka, Mauritius and Now **Qatar**.

Source: TH





**Stay Tuned!**