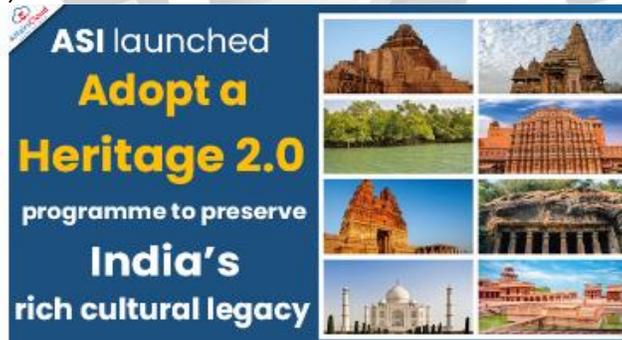


## EVERYDAY CURRENT AFFAIRS – SEPTEMBER 5, 2023

### NATIONAL

#### ➤ **Adopt a Heritage 2.0 Programme**

- ✓ To ensure the preservation and enhancement of India's rich cultural heritage and its invaluable cultural legacy, the ASI (Archaeological Survey of India) is set to launch the "Adopt a Heritage 2.0" programme on September 4, 2023, at the Samvet Auditorium, IGNC, New Delhi.



- ✓ This program is designed to facilitate corporate stakeholders' active involvement in improving amenities at heritage sites by utilizing their Corporate Social Responsibility (CSR) funds.
- ✓ In conjunction with the "Adopt a Heritage 2.0" programme, a user-friendly mobile app named 'Indian Heritage' will be launched on the same day. This innovative app will serve as a digital showcase of India's rich heritage monuments.

### CONFERENCES & SUMMITS

#### ➤ **Green Hydrogen Pilots in India**

- ✓ In preparation for the 18th G20 Summit, a day-long conference titled "Green Hydrogen Pilots in India" is scheduled to take place in New Delhi on September 5, 2023.



- ✓ The event, hosted by NTPC Ltd., India's leading integrated power producer, highlighted various green hydrogen pilot projects undertaken by both public and private sector companies across India.
- ✓ The conference aims to showcase green hydrogen pilot projects in India, fostering discussions, sharing achievements, and addressing challenges in the clean energy sector.
- ✓ It is significant as it promotes sustainable energy solutions and aligns with India's National Green Hydrogen Mission.

## DEFENCE

- **Trishul**
- ✓ The Indian Air Force (IAF) is conducting a significant training maneuver named 'Trishul,' running in the northern region of India, adjacent to the borders with China and Pakistan.



- ✓ The exercise will be conducted from September 4 to 14 and will be in line with the G20 summit to be held from September 8 to 10 in New Delhi.
- ✓ The Western Command of the Indian Air Force has organized this exercise with the primary objective of evaluating the combat prowess of the force and analyzing various operational aspects.

## SCIENCE, TECHNOLOGY & ENVIRONMENT

- **Indrajaal**

- ✓ Hyderabad Firm Grene Robotics Unveils India's First AI-Powered Anti-Drone System – Indrajaal.



- ✓ Hyderabad-based private sector firm Grene Robotics has introduced Indrajaal, world's only autonomous wide area, counter-unmanned aircraft system (C-UAS). This state-of-the-art system is touted as capable of safeguarding against micro, mini, small, large, and extra-large drones, signaling a significant advancement in Indian defense technology.
- ✓ Indrajaal is built on a foundation of 12 unique layers of technology, a feat powered by artificial intelligence, marking a world-first achievement.

## OBITUARY

### ➤ N Valarmathi - ISRO Scientist

- ✓ N Valarmathi, an Indian Space Research Organisation (ISRO) scientist, who lent her voice to countdowns for rocket launches in Sriharikota, died after a cardiac arrest.



- ✓ She was last heard during the countdown announcement for the launch of Chandrayaan-3 that made a historic landing on the Moon.
- ✓ Valarmathi was a scientist at the Indian Space Research Organisation (ISRO) for over 30 years.
- ✓ She was the voice behind the countdowns for many ISRO launches.

