

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, IGNCA, 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.

