



EVERYDAY CURRENT AFFAIRS – OCTOBER 21, 2023

NATIONAL

- **‘Namo Bharat’**
- ✓ Previously known as RapidX, country’s first semi-high-speed regional rail service, Namo Bharat marks the introduction of the Regional Rapid Train Service (RRTS) in India.



- ✓ These trains are designed with the utmost passenger convenience and safety in mind.
- ✓ The Namo Bharat trains will offer a remarkable average speed of 100 kilometers per hour, outperforming both traditional metro trains and passenger trains in the Indian Railways network.
- ✓ These state-of-the-art train sets have been manufactured by Alstom, a renowned company, right here in Gujarat, further bolstering India’s ‘Make in India’ initiative.

DEFENCE

- **Third Guided Missile Destroyer - Imphal**

- ✓ In a significant development for the Indian Navy, the state-of-the-art stealth guided missile destroyer, Yard 12706 (Imphal), has been officially transferred to Indian Navy on October 20, 2023.



- ✓ Imphal is the third vessel of Project 15B that was built at Mazagon Dock Shipbuilders Limited (MDL).
- ✓ The Project is a follow-on of the Kolkata class (Project 15A) destroyers commissioned in the last decade.
- ✓ With a displacement of 7,400 tons and an overall length of 164 meters, this guided missile destroyer boasts advanced weaponry and cutting-edge sensors, including surface-to-air missiles and torpedoes.

SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ Gaganyaan TV-D1 Mission

- ✓ In a historic moment for India's ambitious human space mission, the Test Vehicle-D1 (TV-D1), designed for the ISRO's Gaganyaan program, successfully took flight. The launch marked a significant milestone in India's space endeavours.



- ✓ The TV-D1 launch aimed to achieve several critical mission objectives. These are: 1. Flight Demonstration and Evaluation of Test Vehicle Subsystems. 2. Crew Escape System Evaluation. 3. Crew Module Characteristics Assessment and 4. Deceleration System Demonstration at Higher Altitudes.

- ✓ The successful TV-D1 launch not only signifies India's space program but also reaffirms the nation's commitment to exploring the possibilities of human space travel.
- ✓ As India moves closer to its goal of launching astronauts into space, this mission paves the way for a brighter future in space exploration.

IMPORTANT DAYS

- **National Police Commemoration Day – October 21**
- ✓ On **October 21, 1959**, ten courageous Policemen laid down their lives in a fierce ambush by heavily armed Chinese troops at Hot Springs in Ladakh.
- ✓ In their memory and that of all Police personnel who have made the ultimate sacrifice while on duty, **October 21** is observed as **Police Commemoration Day**.



- ✓ In **2018**, Prime Minister Shri Narendra Modi Ji dedicated the **National Police Memorial (NPM)** in Chanakyapuri, New Delhi, to the nation on Police Commemoration Day.
- ✓ The NPM plays a pivotal role in giving Police Forces a sense of national identity, pride, unity of purpose, common history, and shared destiny.

