



INS 'Shivalik' and 'Sindhukirti'

Defence Minister visited the Indian Navy's indigenously designed stealth frigate, INS 'Shivalik' and INS 'Sindhukirti'.

INS 'Shivalik'

- INS 'Shivalik' is India's **first stealth frigate** in the shivalik series under project 17 with 80% indigenous content.
 - Stealth frigates can escape detection by normal radars and surveillance equipment.
- INS 'Shivalik' is armed with missiles, helicopter support, mounted guns and a combat management system that can effectively coordinate all weapons and sensors onboard, giving it the ability to deal with **multiple threats**.
- Special aerodynamics, equipment, and materials used in designing and building INS 'Shivalik' makes it very difficult to monitor their movements.
- Apart from India, only the US, Russia, UK, France, Sweden, Japan, Italy, and China have the capability to build stealth warships of this size and class.

Project 17 - Shivalik class Frigate

- The Shivalik class or Project 17 class is a class of multi-role frigates in service with the Indian Navy.
- Stealth Frigates under Shivalik class series namely INS Shivalik, INS Sahyadri, and INS Satpura are first stealth warships built in India (by Mazagon Dock Limited).

INS Sindhukirti

- The INS Sindhukirti, among the **oldest operational submarines** in the Navy, is **diesel-electric class submarine** that can launch torpedoes, missiles, and even mines.
- Acquired in 1990, the submarine still forms a part of the Navy's cutting edge as it's been refitted - virtually rebuilt with **modern sensors weapons** and systems.