



**KAMARAJ IAS ACADEMY**  
Only IAS Academy by Grandson of "Perunthalaivar Kamarajar"

# '6,670-tonne stealth frigate armed with BrahMos': What makes India's indigenous INS Taragiri the ultimate naval weapon?

Published On: 06-04-2026



India has added a new warship called INS Taragiri to its navy.

It is a stealth frigate equipped with powerful BrahMos missiles.

## **Basic details**

Weight: Around 6,670–7,000 tonnes

Type: Stealth guided missile frigate

Built in India under Project 17A

Builder: Indian shipyard (Mazagon Dock)

Mostly indigenously made (about 75%)

## **What does “stealth frigate” mean?**

It is designed to be hard to detect by radar

This helps it: Avoid enemy detection & Survive longer in combat

## **Main weapons and systems**

**Kamaraj IAS Academy**

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthy Colony, Anna Nagar, Chennai, Tamil Nadu 600040

Phone: **044 4353 9988 / 98403 94477 / Whatsapp : 09710729833**

BrahMos missiles

Supersonic cruise missiles Can hit: Enemy ships, Land targets & Very fast and accurate

Air defence system: Has missiles to shoot down enemy aircraft or missiles

Guns and close-range defence

Includes: 76 mm main gun, Close-in weapon systems (CIWS) & Used for short-range attacks and defence

Anti-submarine capability

Can detect and destroy submarines using: Torpedoes, Rocket launchers, Also carries helicopters for surveillance

Advanced features

Modern radar and sensors to track enemies

Combat management system for coordination

Uses integrated construction technology (faster and efficient shipbuilding)

Why is INS Taragiri important?

Boost to naval power

Improves India's ability to: Protect sea borders & Monitor enemy movement

Multi-role capability

Can perform: Attack missions, Defence operations, Anti-submarine warfare & Humanitarian missions

Self-reliance (Aatmanirbhar Bharat)

Built mostly in India which Shows India's growing strength in defence manufacturing

### **Final understanding**

INS Taragiri is a modern, powerful, and stealthy warship

It combines: Speed (BrahMos missiles), Stealth (low radar visibility) & Multi-role capability

It is a major step in strengthening India's naval power