

## **India**

Type: FFG - Guided Missile Frigate

Max Speed: 32 kt

Commissioned: 2022

Length: 149.0 m

Beam: 17.8 m

Draft: 5.22 m

Crew: 226

Displacement: 5770 t

Displacement Full: 6670 t

Propulsion: 2x MAN Diesels, 2x General

Electric LM-2500 Gas Turbines, CODOG

### Sensors / EW:

- EL/M-2248 MF-STAR - (Frigate Version) Radar, Radar, FCR, Surface-to-Air, Long-Range, Max range: 518.6 km
- EL/M-2238S 3D-STAR - (Large Antenna) Radar, Radar, Air Search, 3D Long-Range, Max range: 351.9 km
- EL/M-2221-GM STGR - (Barak FCR) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 111.1 km
- PIN 521 APARNA [Garpun-Bal] - (India) Radar, Radar, Surface Search w/ OTH, Max range: 140.8 km
- Palm Frond [MR-212 Nayada] - (MR-201 Vay, Rashmi, Pal, Nyada) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Generic Navigation Radar - (MR-201 Vay, Rashmi, Pal, Nyada) Radar, Radar, Navigation, Max range: 37 km
- EON-51 [LLTV] - (MR-201 Vay, Rashmi, Pal, Nyada) Visual, LLTV, Weapon Director, Max range: 46.3 km
- EON-51 [TV Camera] - (MR-201 Vay, Rashmi, Pal, Nyada) Visual, Visual, Weapon Director TV Camera, Max range: 46.3 km
- Generic Gun Director [TV Camera] - (3rd Gen, Anti-Air & Surface) Visual, Visual, Weapon Director TV Camera, Max range: 185.2 km
- Shikari TMX [Radar] - (Group, Seaguard TMX, 76mm FCR) Radar, Radar, FCR, Weapon Director, Max range: 74.1 km
- Shikari TMX [IR] - (Group, Seaguard TMX, 76mm FCR) Infrared, Infrared, Weapon Director Camera, Max range: 148.2 km
- Shikari TMX [Laser Rangefinder] - (Group, Seaguard TMX, 76mm FCR) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 km
- Wine Glass [MP-407] - (Ex-Football B, Assoc w Half Hat or Bell Bash) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Half Hat [MP-405] - (Assoc w Wine Glass) ESM, ELINT, Max range: 926 km
- Humsa-NG - (India, BEL) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 14.8 km
- ATAS(V)2 - (India, BEL) TASS, Active/Passive Towed Array Sonar System, TASS, Active/Passive Towed Array Sonar System, Max range: 74.1 km

## F XX Nilgiri [Pr.17A] - 2022

### Weapons / Loadouts:

- 76mm/62 Super Rapido HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- AK-630 30mm/65 Gatling Burst [400 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- Barak 8 - Guided Weapon. Air Max: 64.8 km.
- PJ-10 BrahMos - (2012, Yakhont, ASM) Guided Weapon. Surface Max: 296.3 km.
- SS-N-27 Sizzler [3M54E1 Klub] - (Export) Guided Weapon. Surface Max: 220 km.
- RBU-6000 Salvo [R90, 12 rnds, Guided] - Rocket. Subsurface Max: 4.3 km.
- SET-65KE - (2008, Ship) Torpedo. Subsurface Max: 7.4 km.
- Kavach Chaff [Short Range] - (India) Decoy (Expendable). Surface Max: 0.9 km.
- Kavach Chaff [Medium Range] - (India) Decoy (Expendable). Surface Max: 5 km.
- Kavach Chaff [Long Range] - (India) Decoy (Expendable). Surface Max: 12.1 km.
- Maareech Towed Torpedo Decoy - (India) Decoy (Towed). Surface Max: 1.9 km.