

INS Sagardhwani (A74)

Prelims: Current events of national and international importance

Why in News?

INS Sagardhwani was flagged off for the fifth edition of the Sagar Maitri mission (SM-5) from Kochi.

- INS Sagardhwani is **an Indian oceanographic research vessel** engaged in scientific ocean research and international collaboration missions.
- **Builder** - Garden Reach Shipbuilders & Engineers (GRSE).
- **Operated by** - Indian Navy.
- **Commissioned in** - 1994.
- **Owned by** -**Naval Physical and Oceanographic Laboratory (NPOL)**, Kochi.
 - NPOL functions under the Defence Research and Development Organisation (DRDO).
- **Type** - Marine Acoustic Research Ship (MARS).
- **Features**
 - **Laboratories** - 8 acoustically isolated labs for various research parameters.
 - **Aviation** - A helicopter landing pad for a HAL Chetak.
 - **Equipment**- Cranes and a gantry for deploying research gear, specialized machinery for low noise/vibration.
- **Key Missions & Role** - INS Sagardhwani conducts oceanographic missions under **the Sagar Maitri programme**.

Sagar Maitri is an initiative of the Indian Navy and DRDO aims to strengthen scientific cooperation and capacity building among Indian Ocean Rim (IOR) countries.

- INS Sagardhwani to retrace the historic routes of INS Kistna.
 - INS Kistna was a part of the International Indian Ocean Expedition (1962-65).

- INS Sagardhwani serves as the centrepiece of DRDO's efforts for Underwater Domain Awareness (UDA) for the Indian Navy.

References

1. [PIB | INS Sagardhwani \(A74\)](#)
2. [ET | INS Sagardhwani \(A74\)](#)
3. [New Indian Express | INS Sagardhwani \(A74\)](#)

