



# India's First Indigenous Polar Research Vessel

**Source: IE**

**Garden Reach Shipbuilders and Engineers Limited (GRSE)**, a Government of India undertaking, has signed an MoU with Norway's Kongsberg firm to develop India's **first indigenously built Polar Research Vessel (PRV)**.

- A PRV is a ship that supports research in the polar regions (around the North and South Poles) and ocean areas, tailored to the needs of the [National Centre for Polar and Ocean Research](#).
- PRV will support India's **polar and ocean research missions**, strengthening its existing three research stations: **Bharati** and **Maitri** in **Antarctica**, and **Himadri** in the **Arctic**.
  - The vessel will be equipped with **advanced scientific instruments** to explore marine ecosystems and **deep-sea biodiversity** in polar and southern ocean realms.
- The project will reinforce India's commitment to [MAHASAGAR \(Mutual and Holistic Advancement for Security Across the Regions\)](#).
  - Under [Sagarmala 2.0](#), India aims to become a **global maritime leader** by bridging infrastructure gaps and **enhancing shipbuilding, repair, and recycling**.
- The collaboration with Norway also aligns with India's '[Make in India](#)' and [Atmanirbhar Bharat](#) goals by boosting **indigenous shipbuilding capability**.

**Read more: [India's Maiden Winter Arctic Research](#)**

PDF Refernece URL: <https://www.drishtiias.com/printpdf/india-s-first-indigenous-polar-research-vessel>