



Anti-Submarine Warfare Shallow Water Craft 'Anjadip' | National Current Affairs | 01 Jan 2026

Why in News?

The **Indian Navy** has received '**Anjadip**', the **third indigenously built Anti-Submarine Warfare Shallow Water Craft (ASW SWC)** from Garden Reach Shipbuilders and Engineers (GRSE).

Key Points

- **Delivery:** It was delivered to the Indian Navy at **Chennai (INS Adyar)**.
- **Builder:** The vessel is indigenously designed and constructed by **GRSE, Kolkata**, with collaboration from **L&T Shipyard, Kattupalli**.
- **Technical Features: Equipped with lightweight torpedoes, indigenous anti-submarine rockets, and shallow water SONAR systems.**
 - Designed for shallow water operations and detection of underwater threats.
- **Propulsion:** At approximately 77 meters in length, it is one of the largest Indian naval warships propelled by a waterjet system.
- **Strategic Importance: Enhances coastal surveillance and maritime security.**
 - Strengthens India's anti-submarine warfare capabilities in the littoral zone.
- **Indigenous Content:** The project reflects India's [Aatmanirbhar Bharat initiative](#) and the growing capability of **domestic defence manufacturing**.

First 3D Flex Aqueous Angiography in India | National Current Affairs | 01 Jan 2026

Why in News?

India's first 3D Flex Aqueous Angiography with iStent has been successfully performed by the **Army Hospital, Delhi Cantt**, representing a major advancement in **glaucoma** diagnosis and treatment.

Key Points

- **Technology Used:** The procedure was performed using a **stand-mounted Spectralis system** and a **3D operating microscope**, enabling **precise imaging and minimally invasive glaucoma surgery**.
- **iStent Device: Micro-device** implanted to facilitate **aqueous outflow**, reducing **intraocular eye pressure** in glaucoma patients.
- **Significance for Healthcare:** Enhances **precision, safety, and outcomes** in ophthalmic surgery.

- **Glaucoma:** A group of eye diseases characterized by **optic nerve damage** due to **high intraocular pressure**.

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