



Naval Innovation and Indigenisation Organisation

Why in News

Recently, the **Naval Innovation and Indigenisation Organisation** (NIIO) has been launched by the Defence Minister of India.

Key Points

- **Objective:** To foster innovation and indigenisation for self-reliance in defence in keeping with the vision of **Atmanirbhar Bharat**.
 - It will put in place dedicated structures for the end-users to interact with academia and industry.
- **Structure:** The NIIO is a **three-tiered organisation**.
 - **Naval Technology Acceleration Council** (N-TAC) will bring together the twin aspects of innovation and indigenisation and provide apex level directives.
 - **Working group under the N-TAC** will implement the projects.
 - **Technology Development Acceleration Cell** (TDAC) has been created for induction of emerging disruptive technology in an accelerated time frame.
- Indian Navy already has a functional **Directorate of Indigenisation** (DoI) and the new structures will build upon the **ongoing indigenisation initiatives**, as well as focus on innovation.
- A **compendium** (concise collection of information) of **Indian Navy's indigenisation perspective plans** titled '**SWAVLAMBAN**' has also been released.
- The **Draft Defence Production and Export Promotion Policy 2020** envisages Service Headquarters establishing an **Innovation and Indigenisation Organisation** within existing resources.
- The defence minister highlighted the Indian Navy's **significant progress in indigenous design of warships** and suggested to **focus on design and development of armaments**.
 - The Navy has an **in-house design bureau**, which has made **progress in designing the 'float' and 'move' (propulsion) components**.
 - However, there is a **heavy reliance on imports for armaments**, called the **'fight' component**.

Source: PIB