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News: Matsya 6000

Matsya 6000

- Matsya 6000 is a **manned submersible vehicle** under the **Deep Ocean Mission** by **Ministry of Earth Sciences**.
- It has been **designed and developed** by **National Institute of Ocean Technology (NIOT), Chennai**.
- Matsya – 6000 will go **down deep to 6000metres (6kms)** in the **Ocean** to search for **deep – sea resources** like minerals.

Significance

- The **manned submersible** will allow **scientific personnel** to **observe and understand unexplored deep-sea areas** by **direct intervention**.
- It will also boost the **Central government's vision** of 'New India' that highlights the **Blue Economy** as one of the **ten core dimensions** of growth.
- India has a **unique maritime position**, **a 7517 km long coastline**, which is **home to nine coastal states and 1,382 islands**.

- For India, with its three sides surrounded by the oceans and around 30% of the nation's population living in coastal areas and coastal regions play a major economic factor.
- It supports fisheries and aquaculture, tourism, livelihoods, and blue trade.