GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

LOK SABHA
UNSTARRED QUESTION NO. 1271
ANSWERED ON 09.02.2024

MARINE RESEARCH

1271. SHRID.M. KATHIR ANAND:
DR. T. SUMATHY (a) THAMIZHACHI THANGAPANDIAN:

Will the Minister of PORTS, SHIPPING AND WATERWAYS be pleased to state:

पत्तन,पोत परिवहन और जलमार्ग मंत्री

(a) whether the Government has any proposal to conduct Marine Research through The National Technology Centre for Ports, Waterways and Coasts (NTCPWC) established at the discovery campus of IIT Madras at Thaiyur and if so, the details thereof;

(b) whether the NTCPWC aimed to do research and studies on sediment transportation, navigation, dredging and siltation, port and coastal engineering, autonomous platforms and vehicles and if so, the details thereof; and

(c) the funds allocated for the establishment of NTCPWC and the steps taken by the Government to create solutions towards enabling the modernization of the marine sector in India?

ANSWER

MINISTER OF PORTS, SHIPPING AND WATERWAYS
(SHRI SARBANANDA SONOWAL)

(a) (b)& (c) The Government has established National Technology Centre for Ports, Waterways and Coasts (NTCPWC) in collaboration with Indian Institute of Technology, Madras, Chennai under the umbrella of Sagarmala Programme of Ministry of Ports, Shipping & Waterways to provide innovative and applied research-based engineering solutions to various issues related to ports, waterways and coasts in the country. The institute is equipped with state-of-the-art laboratories including Sediment Management and Test Basin, Bridge Mission Simulator, Field Research laboratory and Marine Information and Communication laboratory. The institute has undertaken more than 120 research and technical support projects for ports and waterways and developed more than 10 innovative products which are ready for commercialization. Some of the notable indigenous solutions include Online Dredging Monitoring System, Next Generation Technology for Hydrometeorology monitoring, Real Time – Underwater Keel Clearance, Indigenous Vessel Traffic Management System, Unmanned Surface Vessel for Autonomous Hydrographic and Oceanographic Surveys, Next Generation navigation for waterways and Digital Twins.

NTCPWC has been set up at a cost of Rs. 77 Cr. with financial assistance from the Government and its subordinate organisations.

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