

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 3503
ANSWERED ON 01.04.2025

CHALLENGES IN PORT OPERATIONS

3503. SHRI SANT BALBIR SINGH:

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

- (a) how the Ministry is addressing the environmental and sustainability challenges in port operations, and the role workforce plays in implementing these green initiatives;
- (b) whether there are any partnerships or collaborations with educational institutions or private sector players to facilitate the recruitment and training of workers with specialized skills for modern port operations; and
- (c) the strategies being implemented to improve working conditions for port workers, especially in light of safety, health, and labour rights concerns?

ANSWER

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

- (a) Ministry of Ports, Shipping and Waterways (MoPSW) launched the HaritSagar Green Port Guidelines to provide a framework to Major Ports for sustainable development and reduction in carbon footprint through various green initiatives at Major Ports, namely, increase in share of renewable energy, electrification of port equipment, alternate fuel based port crafts, installation of EV charging stations and LNG bunkering facility, development of hydrogen and its derivatives bunkering facility etc. The workforce plays an integral part in conceptualizing, strategizing, monitoring and implementing these green initiatives.
- (b) Jawaharlal Nehru Port Authority (JNPA) and the Antwerp/Flanders Port Training Centre, Belgium, collaborated to establish the JNPA Antwerp Port Training and Consultancy Foundation in Mumbai, focusing on professional development and capacity building in India's port and maritime sector. Additionally, the Indian Maritime University (IMU), under the Ministry of Ports, Shipping, and Waterways, serves as the national institution for maritime education, offering programs in marine engineering, nautical science, maritime management, etc. having 6 campuses across India.
- (c) Apart from complying with the Dock Workers (Safety, Health and Welfare) Rules, 1990, ports are continuously working towards improving the working condition of port workers by implementing various measures such as conducting periodic health checkups and providing medical facilities, providing protective equipment at workplace, conducting awareness and training programmes on general safety and fire safety, etc.
