

Smart Technology: Ultimate Option to Develop Global Maritime Industry in 21st Century

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Abstract

Smart technology is the most modern, useful, and advanced technology and which is usually considered as an effective and useful tool to monitoring, managing and decision making to optimize maritime resource extraction, maritime business and develop smart maritime industry by preserving environment, safety and security in 21st century. Smart technology facilitates to analyze huge data, track vessels or marine resources by ensuring environmental issues intact. Artificial Intelligence (AI) and other smart-powered solution with advance sensors, satellite images, smart models, etc. are supreme in furnishing scientists and researchers with the tools essential for real-time surveillance, tracking and early recognition of maritime safety or security issues, vessel traffic, surveillance, extending their observational reach and maritime warfare. AI, Machine Learning (ML) and other smart technology will lead and dictate the future to preserve the sea and its resources for the mankind and safe operation of maritime industry. We need to train our man and future generation with the knowledge and skill of AI and other smart technology in 21st century to develop global maritime sector including ship, shipbuilding, shipping, port and other maritime industry. We need to accrue knowledge, intelligent and wisdom along with useful skill to develop global maritime business and industry. It is an analytical study to evaluate the smart technology as ultimate and effective option to enhance maritime business and industry in 21st century.

Keywords

AI, smart technology, smart ship, smart port