

CARBON CAPTURE & STORAGE

COURSE OBJECTIVES To provide participants with foundational knowledge of Carbon Capture & Storage (CCS) technologies, including carbon capture methods, CO₂ transportation systems, storage solutions, safety requirements, environmental considerations, regulatory frameworks, and maritime and industrial applications supporting global decarbonization initiatives.

ABOUT THE COURSE This training programme introduces participants to Carbon Capture & Storage (CCS) technologies and their role in reducing industrial and maritime CO₂ emissions. The course covers carbon capture methods, CO₂ transportation and storage systems, safety requirements, regulatory frameworks, operational challenges, and maritime applications of CCS. Participants will gain practical awareness of how CCS supports global decarbonization goals and sustainable shipping initiatives.

PARTICIPANTS Deck Officers, Engine Officers, Ship Crew and Ratings, Port and Terminal Personnel, Safety Officers, Marine Engineers and Technical Staff, Maritime Training Personnel, Sustainability and Environmental Professionals

DURATION One day (Six Hours)

KEY TOPICS

- Introduction to Carbon Capture & Storage (CCS) Technologies
- CO₂ Capture Methods and Transportation Systems
- CO₂ Storage Solutions and Infrastructure
- Safety Requirements and Environmental Considerations
- Regulatory Frameworks and Decarbonization Applications

TRAINERS



CE Saurabh Kaushik

Mr. Saurabh Kaushik joins Charismight as Superintendent (Technical). A veteran maritime professional, he brings over 20 years of experience operating LPG, LNG, and Ammonia carriers. His expertise in operations and training strengthens Charismight's commitment to excellence.



CO Indranil Chitrao

Mr. Indranil Chitrao joins Charismight as Superintendent (Technical). A seasoned maritime professional, he brings extensive sailing and shore-based experience across Chemical, LPG, and Product Tankers, along with expertise in voyage optimization and weather routing. His strong background in operations, navigation, and maritime training further strengthens Charismight's commitment to operational excellence and industry expertise.