TRAINING FLYER

INTRODUCTION TO SMR NUCLEAR ENERGY

COURSE OBJECTIVES

To provide participants with comprehensive knowledge of Small Modular Reactor (SMR) technology, nuclear energy fundamentals, maritime applications, reactor design principles, safety systems, operational considerations, regulatory frameworks, and future deployment strategies for maritime and offshore environments.

ABOUT THE COURSE

This training programme introduces participants to the emerging field of Small Modular Reactor (SMR) nuclear technology and its growing role in maritime and offshore applications. The course covers nuclear energy fundamentals, reactor operation principles, modular reactor design, coolant technologies, scalability, propulsion integration, maritime adaptations, safety systems, regulatory frameworks, and future deployment trends.

PARTICIPANTS

Maritime Officers and Engineers, Naval Architecture and Marine Engineering Personnel, Offshore Energy Professionals, Technical and Safety Officers, Port and Infrastructure Personnel, Maritime Regulatory and Compliance Staff, Energy Sector Professionals, Defense and Strategic Operations Personnel

DURATION

One day (Six Hours)

KEY TOPICS

- Introduction to SMR Technology and Nuclear Energy Fundamentals
- Maritime Applications and Reactor Design Principles
- Nuclear Safety Systems and Risk Management
- Regulatory Frameworks and Environmental Compliance
- Operational Considerations and Future Deployment Strategies

TRAINERS

CE Sauarbh 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.