

An Introductory Programme in

Electronically Controlled Marine Diesel Engines (Slow Speed 2 Stroke Marine Diesel Engines)



Programme Objectives:

To provide confidence to marine engineers in operation and management of large 2 Stroke Cam less Marine Diesel Engines which are electronically controlled.

Programme Contents:

1. Introduction to Electronically controlled engines
2. RT-flex technology and B&W ME technology - Improvements over conventional engines
3. Concepts of Electronic and Computer Controls - Inputs and Output Modules, Embedded Systems, Wiring and Communication Cable concepts, Trouble Shooting techniques.
4. Power supply units, fuel systems, exhaust systems and alarm systems in electronically controlled engines.
5. Electronic Engine Control Systems
6. Circuit Diagrams and Fault Finding
7. Case Studies

Programme Duration: 3 days/18 hours

Target Participants: Marine Engineers at Management and Operational Levels.

IMO – ECMDE. Rev: 1.0/October 2018

Trainers' Profiles:

Pawan Kapoor



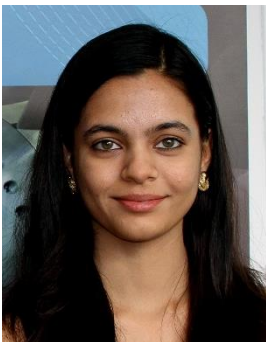
A Class I Marine Engineer, Mr. Pawan Kapoor has a vast and varied working experience of over 27 years, which ranges from being a hands-on engineer, to a workshop manager, to a mentor and guide, to a Chief Executive. Pawan has lead teams of professionals and educationists for development of world-class training and educational establishments. He is the founder and head of the ISF Group and the various entities of the group.

Pankaj Dalvi

Mr. Pankaj Dalvi graduated from DMET in 1995, and has since worked on Bulk carriers, Containers, Tankers, LPG ships and also onboard offshore supply vessels. His shore experience includes exposure to crewing and training with NYK Ship Management. As Promoter and Managing Director of Trigen Marine, Pankaj has years of experience in providing superintendence, technical support and guidance onboard to staff and technical managers for all types of vessels. Pankaj has been with ISF Group as a trainer for over 5 years and has trained over 300 seafarers in the field of marine engineering, electronics, electricals.



Yogyata Kapoor



Yogyata Kapoor is an experienced professional for technical product development, consultancy and training, marketing and business development. She has an MSc. in Mechatronics (automotive) from Cranfield university, UK. She has worked extensively in the Marine industry and Mechanical Vibration industry and dealt with businesses and clients that are product manufacturers, OEMs, universities, training institutes, ship owners, ship managers, etc. She has trained over 300 marine engineers in the field of process control, automation and electronics.