
Dr. G. Dhinesh



Dr. G. Dhinesh is currently working as Scientist-D at NIOT. He joined NIOT in 2011 and is working in the area of Ocean Structures and Island Desalination. He obtained his Ph.D. degree in Ocean Engineering (2009) from Indian Institute of Technology Madras.

His area of specialization includes, mooring analysis, dynamic analysis of floating bodies, numerical simulation of wave loading on offshore structures and design of offshore structures.

He has been actively involved in the projects of Island desalination, design of moorings and analysis of deep sea cold water pipe.

His major contributions include design and installation of Offshore LiDAR based data collection platform at Gulf of Kutch, Gujarat. The platform was installed at about 16km from shore in 12m water depth, in a harsh environment with very high currents and poor soil conditions.

He was actively involved in the design of deep sea cold water pipe for Low Temperature Thermal Desalination (LTTD) plants to be established in islands of Union Territory of Lakshadweep. He carried out numerical simulation on flow inside flash chamber to arrive at entrainment of water droplets and the vapour flow.

His research publications include 5 peer reviewed journals and 15 conference papers.

Dr. G. Dhinesh is awarded the Certificate of Merit for his outstanding contributions in the field of Ocean Science and Technology.