

### Ph.D. Awarded from the Department

Sl. No	Name	Thesis Title	Supervisor	Year of Award
1	Jayakumar S	Field Equilibrium Finite Elements For Structural Analysis	Dr. C.G.Nandakumar	2003
2	Alice Mathau	Analytical Investigations On Collapse of Cylindrical Submarine Shells	Dr. C.G.Nandakumar	2006
3	Simon K A	Marine Engineering Training In India- A Pedagogic Introspection	Dr. E.M.Somasekharan Nair	2011
4	Sunil Kumar P G	Finite Element Analysis of Warship Structures	Dr. C.G.Nandakumar	2011
5	Santhosh B	Thermo-Structural Analysis Of 3d Composites	Dr. C.G.Nandakumar	2011
6	A Mathiazhagan	Investigations on Dezincification of Brass and Epoxy coated Brass	Dr.K.P Narayanan	2011
7	Sivaprasad K	Development of Best Practices for Ship Recycling Processes	Dr. C.G.Nandakumar	2011
8	O.R Nandagopan	Investigations on Structural response of Water Backed Perforated plates	Dr. C.G.Nandakumar	2011
9	Dileeplal J	Multi-Objective Assembly Job Shop Scheduling Using Genetic Algorithm and Tabu Search	Dr. K.P Narayanan	2013
10	Lalu P.P	Numerical Simulation of Two-Part Underwater Towing System	Dr. K.P Narayanan	2013
11	Nithin Agarwal	Acoustic- Structure Interaction for Floating Structure under Moving Load	Dr. E.M.Somasekharan Nair	2014
12	Shine U.P	Fatigue Studies of Structural Steel	Dr. E.M.Somasekharan Nair	2014
13	Chembrakalathil Prabha	Finite Element Alalysis of Doubly Curved Axisymmetric Subsea Sandwich Shells	Dr. C.G.Nandakumar	2015
14	Smitha K K	Finite Element Analysis of Laminated Composite Subsea Shells	Dr. C.G.Nandakumar	2015
15	Manoj G. Tharian	Strength Predictions of Hat Stiffened Plate Using Finite Element Method	Dr. C. G. Nandakumar	2016
16	Vikas V. Shenoy	Development of Web Based Decision Support System	Dr. C. G. Nandakumar	2016

		for Port Planning, Design and Green Port Rating		
17	Manju Dominic	Investigations on Strength and Sustainability of Nonmetallic Laminated Composite Ship Structure	Dr. C. G. Nandakumar	2017
18	Bindumol T. V.	Investigations on the Effect of Randomness in Thickness and Young's Modulus on Strength and Response variability of Plates Using Finite Element Method	Dr. C. G. Nandakumar	2017
19	Kavita P. E	Soil Structure Interaction Analysis of Laterally Loaded Piles in Ship Berthing Structures	Dr. K. P. Narayanan	2017
20	Baiju Sashidharan	Experimental and Numerical Investigations on Friction Stir Welded and Friction Welded Joints of Aluminium Alloys and Steel Alloys	Dr. C. G. Nandakumar	2017
21	Satheesh Babu P. K.	Assessment and Monitoring of Corrosion Condition of Steel Ship Structures	Dr. A. Mathiazhagan	2018
22	Ajit Nair	Forensic Engineering Investigations on Marine Casualties	Dr. K. Sivaprasad	2018
23	Jayaram S.	Development of Strategies for Efficient Recycling of Ships	Dr. K. Sivaprasad	2019
24	K. Vinida	Optimal Tuning of H-Infinity Speed controller for Sensorless BLDC Motor using PSO and its simulation Study in Underwater Applications	Dr. Mariamma Chacko	2019
25	Baiju M. V.	Optimization of Hull of a Fuel Efficient Deep Sea Multipurpose Fishing Vessel using Computational Fluid Dynamics	Dr. K. Sivaprasad	2021
26	Elias George K.	Studies on Epoxy Nanocomposite Coatings for Corrosion Protection	Dr. A. Mathiazhagan	2022