



Profile - Dr. Satheesh Babu PK

Contact Address 'Associate Professor, Department of Naval Architecture and Shipbuilding, CUSAT, Kochi.

Mobile No.: 09946063772; **e-mail:** pksatheeshbabu@yahoo.com

Permanent Address '7A Cloud Nine, Vidya Nagar, Kadavanthra PO, Kochi, Kerala - 682020'

Qualifications

- ✓ **Ph. D** (Ship Technology) - Cochin University of Science & Technology (2018)
 - ✓ **B Tech** (Naval Architecture and Shipbuilding) - Cochin University of Science & Technology (1992)
 - ✓ **Post Graduate Diploma** - Indian Institute of Technology, Delhi (First Rank with a CGPA of 9.75/10) (1996)
 - ✓ **M Tech** (Corrosion Science and Engineering) – IIT Bombay (First Rank with a CGPA of 9.75 /10) (2000)
 - ✓ **PG Diploma** (Management) - IGNOU (First Class)
-

Research Publications

(i) Standard referred journal (Peer reviewed journals)

1. PK Satheesh Babu, A Mathiazhagan, C.G. Nandakumar, "Corrosion Health Monitoring System for Steel Ship Structures", International Journal of Environmental Science and Development, Vol. 5, No. 5, October 2014.
2. Satheesh Babu P.K, Mathiazhagan A, "Integrated Corrosion Protection System for Ship Structures", International Journal of Design and Manufacturing Technology (IJDMT), pp 29-34, Dec 2014.
3. Jishnu Saji, Jose Prasobh, Satheesh Babu, P.K, "Requirement of Volume Dredging and Capacity Enhancement of Dredgers in India", International Journal of Design and Manufacturing Technology (IJDMT), pp 60-67, Dec 2014.
4. Satheesh Babu P.K and Geena J Perumal, "The Development of Expert-System for Corrosion Protection of Ship Structures", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), pp 56-63, Jan 2016.
5. Gautham Rajagopal, Rahul Nath R, Savin V and Satheesh Babu P.K "Determination of Efficient Recovery Methods Based on Nature of Spilled Oil", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), pp 32-41, Jan 2016.
6. Mathesh B, Satheesh Babu P.K "Energy Consumption for Ship Dismantling through Beaching Method", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), pp 64-67, Jan 2016.

(ii) Papers Published in Seminars/ Symposia Proceedings

a. International

1. ISBN: 02435 2002 CP: PK Satheesh Babu, M Bobby Kannan, VS Raja: Effect of Temper on Environmental Assisted Failure in 7010 Aluminum Alloy” paper No 02435, Corrosion, 2002.
2. PK Satheesh Babu, A Mathiazhagan, “New horizon in Ship safety and reliability – Corrosion Management Approach”, 3rd Asian Symposium of Materials and Processing, IIT Madras, 2012.
3. ISBN: 978-93-85434-72-3: Abhijith. K. Sujith, Aadith Mathew, Adarsh K.S, Josna John, Sane Shajan, Sreekumar Pai G, Satheesh Babu P.K, P.G Sunil Kumar, “Development of Underwater Drone, ROV Varuna”, Proceedings of the International Conference on Shipbuilding & Offshore Engineering 2018, (ICSOE 2018), October 25-26, 2018, pp 125-137.

b. National

PK Satheesh Babu, “Influence of form parameters on performance of ships”, Conference on Marine Hydrodynamics, NSTL Visakhapatnam, 2002.

c. Regional

PK Satheesh Babu, A Mathiazhagan, Surface preparation for Coatings, Proceedings of the one-day workshop on Marine Corrosion and its Prevention, CUSAT, 24th Mar 12.

Anant Ajitkumar, Satheesh Babu PK, LNG As Marine Fuel, A Solution for Suphur Cap, Ships Technic, Published by SNAS, Department of Ship Technology, Vol XXXI, pp 49-54, 2020

Details of Appointments:

Organization/ Unit	From	To
Naval Orientation Training and attachment to warships	Feb 93	Sep 96
Naval Architect Officer at Naval ships INS Magar And INS Vindhyagiri	Oct 96	Jul 98
Asst Manager Quality Control at Naval Dockyard, Visakhapatnam	Aug 98	Aug 99
M.Tech at IIT Bombay	Aug 99	Jan 11
Dy Director Naval Design, Directorate of Naval Design, New Delhi	Jan 11	Jun 05
Training Commander at Shipwright School, Visakhapatnam	Jul 05	May 08
Cochin University of Science and Technology	Jun 08	Jun 14
Sree Narayana Gurukulam College of Engineering	Jun 14	Jun 21
Dept of Ship Technolgy	Jun 21	Till Date
