

**Name** : Dr SUDHEER C.B.

**Date Of Birth** : 17-03-1961

**Sex** : Male

**Marital Status** : Married

**Address (Residential)** : CHANGANATH HOUSE,  
: AYYAPPANKAVU, CHITTOOR ROAD,  
: KOCHI-18.

**Address (Official)** : Assistant Professor, Dept. of Ship Technology  
: Cochin University of Science & Technology

**Qualification** : B.Tech., Ph.D (Naval Architecture)

**Area Of Specialisation** : Naval Architecture, Production Engineering

**Experience** : 21 Years of teaching experience in B.Tech &  
: M.Tech Courses  
: Director i/c, Indian Maritime University- Cochin  
: Campus  
: Guiding B.Tech & M.Tech Project Works

**No. of Papers Published** : Total 14, 4 in International Publication and 10 in  
: National Publications

**No. of research projects undertaken** : 3 Consultancy Research Projects

**Short Term Courses/Training programs/Seminars/ Workshops Attended :**

- i. National seminar on current trends in the analysis and design of ships and offshore structures, Dept. of Ship Technology, CUSAT, 1995
- ii. National Seminar on Marine Technology, SMART-2000, Dept. of Ship Technology, CUSAT, Dec., 2000
- iii. 6 Weeks Short Term Course on “Computer Aided Drafting and Design” organised by the CAD/CAM Centre, School of Engineering, CUSAT
- iv. 2 Weeks Short Term Training Programme on “Emerging Technologies in Energy Management with Special Emphasis on Recent Advances in Non – Conventional Energy Sources” sponsored by AICTE-ISTE and organised by the Div. Of Electrical Engineering, School of Engineering, CUSAT
- v. 2 Weeks Short Term Training Programme on “Computer Applications in Civil Engineering – Trends and Possibilities” sponsored by AICTE-ISTE and organised by the Dept. of Civil Engineering, M.A College of Engineering, Kothamangalam, Kerala – 686 666
- vi. National Seminar on River-Sea Vessels- A Holistic Approach, Organised by The Institute of Marine Engineers (India) Cochin Branch, at Hotel Taj Malabar, Willingdon Island, Kochi on 16, December 2009
- vii. IME Seminar in IMA Hall, 2012
- viii. Workshop on Piracy at Sea, Kunjali Marikar School of Marine Engineering, CUSAT

- ix. Workshop on Marine Corrosion and Its Prevention conducted by Dept. of Ship Technology, CUSAT on 24, March 2012 under DST Purse Scheme.
- x. Conference organized by Ministry of Ports, Govt. of Kerala, on the implementation of *Kerala Inland Vessel Rules (KIV Rules 2010)* at Secretariat, Govt. of Kerala.

**Projects sanctioned/ongoing & Consultancy Projects :**

- i. Design and construction inspection of various vessels for:

IWAI, Govt. of India.

State Water Transport Department, Govt. of Kerala

Dept. of Forest, Govt. of Kerala, Thekkady

Dept. of Forest, Govt. of Kerala, Neyyar, Thiruvanthapuram

Dept. of Tourism, Govt. of Kerala

Cochin Shipyard Ltd, Kochi

Indian Rare Earths, Chavara, Govt. of India

- ii. Consultancy research Project “Study on Development of Inland Water Transport System in India”, sponsored by Nippon Kaiji Kyokai (NKK), Japan.

- iii. Consultancy research Project “Shape Optimisation of Chundan (Snake) Boat”.

- iv. Research projects "Computer Aided Ship Design" and "Computer Aided Powering Calculation of Small Crafts" Funded by Dept. of Science & Technology, Govt. of India.

**List Of Publications :**

- i. Pareto archived genetic algorithm for multi-objective assembly job shop scheduling” problem, Proceedings of the International Conference on

Mathematical Modeling and Applied Soft Computing, CIT Coimbatore, 2012, 1177-1184.

- ii. “Multi-objective Tabu search for assembly job shop scheduling problem”, Proceedings of the International Conference on Mathematical Modelling and Applications to Industrial Problems, NIT Calicut, 2011, 296-302.
- iii. “Multi-objective genetic algorithm for assembly job shop scheduling problem”, Proceedings of the XIV Annual International Conference of the Society of Operations Management, NITIE Mumbai (in CD), 2010.
- iv. “Basic Design of a 95m LBP River-Sea Bulk Carrier”, Proceedings of National Seminar on River-Sea Vessels- A Holistic Approach, Organised by The Institute of Marine Engineers (India) Cochin Branch, at Hotel Taj Malabar, Willingdon Island, Kochi on 16, December 2009.

#### **Service in Committees**

- i. Member of Academic Council Indian Maritime University, Chennai
- ii. Member of Board of Studies for Naval Architecture & Shipbuilding, Cochin University of Science & Technology
- iii. Member of School Board for Naval Architecture & Ocean Engineering, Indian Maritime University, Chennai
- iv. Member of Inspection Team to grant Affiliation for various maritime institutes under Indian Maritime University, Chennai
- v. Member of panel of Inspectors for construction of different Vessels for Kerala State Water Transport Department, Kerala Forest Department, Kerala Tourism Department etc.

vi. Approved Consultant for Dept. of Ports, Govt. of Kerala in implementing Kerala Inland Vessel Rules 2010.