

CURRICULUM VITAE

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Qualifications:

Exam/Degree	Board/University	Branch	Year
Doctor of Philosophy	Indian Institute of Technology, Kharagpur, India.	Structural Engineering	Thesis submitted, Dec.'10
Master of Technology	Indian Institute of Technology, Kharagpur, India.	Ocean Engineering and Naval Architecture	2005
Bachelor of Engineering	Shivaji University, Kolhapur, Maharashtra, India.	Mechanical Engineering	2002

Experience:

Since 2002: Working in Research and Rule Development Division at Indian Register of Shipping, Mumbai.

Publications:

Journal:

1. Vhanmane, S., and Bhattacharya, B., (2007). On improved analytical method for stress-strain relationship for plate elements under axial compressive load. *International Journal of Ships and Offshore Structures*, Taylor and Francis, 2:4, 347-353.
2. Vhanmane, S., and Bhattacharya, B., (2008). Estimation of ultimate hull girder strength with initial imperfections. *International Journal of Ships and Offshore Structures*, Taylor and Francis, 3:3, 149-158.
3. Vhanmane, S., and Bhattacharya, B., (2011). Ultimate strength analysis of ship hull girder under random material and geometric properties. *ASME Journal of Offshore Mechanics and Arctic Engineering*. (*In press*)
4. Vhanmane, S., and Bhattacharya, B., Temporal and spatial aspects of random corrosion loss field in a bulk carrier. (*Communicated*)

Conference:

1. Vhanmane, S., and Bhattacharya, B., (2009). Ultimate strength analysis of ship hull girder under random material and geometric properties. *ASME 28th International*

Conference on Ocean, Offshore and Arctic Engineering (OMAE 2009), Honolulu, USA, 31 May – 5 June.

2. Vhanmane, S. C., and Bhattacharya, B., (2009). Ultimate strength of ship hull girder under random initial imperfections. 10th International Conference on Safety and Reliability (ICOSSAR 2009), Osaka, Japan, 13-17 September. (Proceedings: Safety, Reliability and Risk of Structures, Infrastructures and Engineering Systems – Furuta, Frangopol and Shinozuka (Eds.), Taylor and Francis Group, London, ISBN 978-0-415-47557-0).

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