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Faculty of Transportation Engineering
Nha Trang University,
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EDUCATION

***University of Ulsan*,** Ulsan, Korea
PhD. in Mechanical Engineering, 2011-2014

Nha Trang University, Nha Trang, Vietnam
MSc. In Naval Architecture, 2001 – 2004
B.E in Ship Dynamics Engineering, 1995-2000

RESEARCH INTERESTS

- Composite materials.
- Non-metallic ship building and repairing technology
- Natural materials
- Ship design

TEACHING RESPONSIBILITY

Undergraduate

- Ship Theory
- Ship Drawing
- Ship Structures and Strengths
- Non-Metallic Ship Building and Repairing Technology

Graduate

- Ship testing
- New materials

PUBLICATIONS AND PRESENTATIONS

Journals

1. **Pham Thanh Nhut** and Young Jin Yum, The effect of surface properties on the adhesive strength of joint of glass fiber/polyester composite panels,

The Korean Society of Mechanical Engineers, Vol. 36, No. 12, pp. 1591~1597, 2012

2. **Pham Thanh Nhut** and Young Jin Yum, Evaluation of the composite mold for small composite propeller, *The Korean Society of Mechanical Engineers*, Vol. 35, No. 2, pp. 129~135, 2012
3. **Pham Thanh Nhut** and Young Jin Yum, Experimental investigation of the effect of manufacturing and working conditions on the deformation of laminated composite structures, *The Korean Society of Composite Materials*, Vol. 26, No. 4, pp. 1~8, 2013
4. **Pham Thanh Nhut** and Young Jin Yum, *Evaluation of cavitation erosion of surface ship propeller blade made of composite materials"*, Journal of Mechanical Science and Technology, Volume 29, Issue 4, 2015
5. **Pham Thanh Nhut** and Young Jin Yum, *Mechanical properties of the interface of gelcoat resin–composite materials and improvements via surface treatment methods"*, Advanced Composite Materials, Volume 25, Issue 1, 2016

Presentations

1. **Pham Thanh Nhut** and Young Jin Yum, Study on the strength of lap-joint of glass/polyester composite with different surface properties, Proceedings of the CAE and Applied Mechanics 2012 Spring annual Conference, pp. 131~132.
2. **Pham Thanh Nhut** and Young Jin Yum, Evaluation of the composite mold for small composite propeller, Proceedings of the KSME 2012 Spring Annual Conference, pp. 8.
3. **Pham Thanh Nhut** and Young Jin Yum, Study on the strength of lap-joint of glass/polyester composite with different surface properties, Proceedings of the KSME 2012 Fall Annual Meeting, pp. 168.
4. **Pham Thanh Nhut**, Tae Hyoung Kim and Young Jin Yum, Experimental investigation and evaluation of print-through phenomenon of gelcoat layer, Proceedings of the KSPE 2012 Autumn Conference, pp. 549~550.
5. **Pham Thanh Nhut**, Tae Hyoung Kim and Young Jin Yum, Investigation of cavitation erosion of surface of composite propeller, Proceedings of the KSCM 2012 Fall Annual Conference, pp. 211~212.
6. **Pham Thanh Nhut** and Young Jin Yum, Experimental investigation of adhesion of gelcoat and composite materials, Proceedings of the KSME 2013 Spring Annual Conference, pp. 19.
7. **Pham Thanh Nhut**, Tae Hyoung Kim and Young Jin Yum, Mechanical properties of interface of gelcoat resin and composite material, Proceedings of the KSPE 2013 Spring Conference, pp. 1347~1348.

8. **Pham Thanh Nhut**, Tae Hyoung Kim and Young Jin Yum, Evaluation of strength of gelcoat-composite material by lap-joint tests, Proceedings of the KSPE 2013 Autumn Conference, pp. 625~626.
9. **Pham Thanh Nhut**, Tae Hyoung Kim and Young Jin Yum, Study on improved methods of interfacial properties of gelcoat-composites, Proceedings of the KSME 2013 Winter Annual Conference.
10. **Pham Thanh Nhut**, Hoang Van Tho and Young Jin Yum, Mechanical Properties of Alkali Treated Coconut Trunk Particles in Composite Materials, Proceedings of the KSPE 2015 Autumn Conference.
11. **Pham Thanh Nhut**, Study on the Effect of Alkali Treatment Concentration to Mechanical Proprerties of Polyester/Coconut Trunk Particles Composite, 2nd Viet Nam–Korea polymer materials symposium.
12. **Pham Thanh Nhut** and Do Van Ta, Design and manufacture of the equipment for the fabrication of carbon/epoxy prepreg composite, International Conference on Mechatronics Technology – 2017.