

MOSTAFA JAFARZADEH KHATIBANI

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Khorramshahr University of Marine Science
and Technology, Ali ibne Abitaleb Blvd,
Khorramshahr, Khuzestan, Iran.



PERSONAL INFORMATION

Marital status Single
Nationality Iranian
Date of Birth 1979/08/28
Place of Birth Mash'had, Iran

EDUCATION

MS Amirkabir University of Technology (Tehran Polytechnic) Jan. 2003
Discipline: Marine Hydromechanics
Thesis: "Regression analysis application in evaluation of cross curves of fishing and cargo vessels"
Advisor: Dr. Hassan Ghassemi

BS Amirkabir University of Technology (Tehran Polytechnic) June 2001
Discipline: Naval Architecture
Dissertation: "Evaluation of propulsion system and design of propeller shaft for a cargo ship"
Advisor: Dr. Hassan Ghassemi

WORK EXPERIENCE

Apr. 2006 to Feb. 2009:

Company: **Iran Shipbuilding and Offshore Industries Complex Company (ISOICO)**

Job Title: **Piping Designer**

- Design and Modeling of Piping systems in engine room and preparation of workshop drawings including Pipe sketch, Isometric, Material list, Pipe support and Coordination plan using TRIBON and Spoolgen Software for a Product Carrier Vessel (35000ton dwt)
- Design, modeling and preparation of piping drawing for a landing craft (1800ton) including Pipe sketch, Isometric, Material list, Pipe support and Coordination plan using TRIBON and Spoolgen Software.
- Responsible for create and management of pipe fittings in Component modules of TRIBON for the mentioned projects.
- Responsible for linking TRIBON and I-Sketch software and their configuration

Feb. 2009 to Mar. 2010:

Company: **Iran Shipbuilding and Offshore Industries Complex Company (ISOICO)**

Job Title: **Commissioning Site Leader**

- Preparation of Pre-Commissioning, Dock trial, Commissioning procedure and test data sheet for Piping and Machinery system of a Container vessel 2200 TEU.
- Responsible for overseeing technicians carrying out Pre-commissioning, Commissioning and performance test according to prepared test sheets; and organizing their workforce in the most effective manner.
- Preparation of sea trial test protocols for container vessel M/V Iran Arak.
- Attending in sea trial of container vessel M/V Iran Arak.

Apr. 2010 to Sep. 2013:

Company: **Asia Classification Society (ACS)**

Job Title: **Surveyor / Auditor**

- Class representative for supervision of steel vessels in service and new building vessels under 5000 GT.
- Class representative for supervision of manufacturing a CALM Buoy Single Point Mooring (SPM) at IOEC Shipyard, Khorramshar.

Sep. 2013 to Now:

Company: **Khorramshahr University of Marine Science and Technology (KMSU)**

Job Title: **Faculty member / Instructor**

- Lecturer at Marine engineering faculty.

TEACHING EXPERIENCE

Name of University: **Khorramshahr University of Marine Science and Technology**

Instructor, Marine engineering faculty

- Teaching following courses: Ship Stability and Hydrostatics, Ship Hydrodynamics, Ship Machinery and Piping systems, Ship Knowledge, Engine Room Simulator Workshop, Marine Safety and Pollution Prevention Regulations, Marine Propulsion Machinery, Ship Construction, Marine Auxiliary Machinery.
- Head of Academic division for about three years.
- Educational Assistant director of the faculty.
- Advised bachelor students' dissertations, over 40 students.

HONORS AND AWARDS

Distinguished lecturer of the university 2019
Educational Distinguished Instructor at Khorramshahr University of Marine Science and Technology.

Distinguished lecturer of the university 2017
Educational Distinguished Instructor at Khorramshahr University of Marine Science and Technology.

PUBLICATIONS

Journal Publications

- Golaghapoor Kami M., Jafarzadeh Khatibani M., Rabei Gholami E., "Analysis of correction methods for ships' measured speed during sea trials," *Journal of Marine Science and Technology*, vol. 16, no. 3, 2017, pp. 125-135. (in Persian).
- Shojaei, M., Jafarzadeh Khatibani M., Rabei Gholami E. "Power estimation of container carriers at early stage of design by multiple linear regression method," Submitted to: *Journal of Marine Science and Technology*, 2019 (in Persian).

Journal Papers Accepted

- Nikbakht S., Hajivand A., Jafarzadeh Khatibani M., "Assessment effect of wave length and incident angle on ship added resistance in regular wave," To be published in: *Journal of Marine Science and Technology*. (in Persian)

Journal Papers in Review

- Amiri, A.H., Jafarzadeh Khatibani M., "Numerical study of Iran-Bushehr Container Ship motions and added resistance in regular head waves using STAR-CCM+," Submitted to: *Journal of Marine Engineering*. (in Persian)

Conference Papers

(Peer-Reviewed)

- Adibipour, Z., Aleali, N., Jafarzadeh Khatibani M., "Assessment of ship longitudinal vibration due to propulsion systems," First national conference on sustainable development of sea-based. Jan. 28-29, 2015, pp. 1162-1165.
- Mousavi, S.Z., Rabei Gholami E., Jafarzadeh Khatibani M., "Increasing the dynamic efficiency of 33m crew boat," 16th Conference on Marine Industries, Dec. 11-13, 2014, pp. 224-231.
- Nikbakht S., Hajivand A., Jafarzadeh Khatibani M., "Parametric study of incident angle and wavelength effect on ship added resistance in regular wave," 19th Conference on Marine Industries, Dec. 10-12, 2017, pp. 439-448.

PRESENTATIONS AND INVITED LECTURES

Presentation, "Standards of drydocking," Port and Maritime organization, 2014.

Presentation, "Principles of ship piping design," Asia Classification Society, 2016.

Presentation, "Ship machinery surveying," Port and Maritime organization, 2016.

Presentation, "Standards of Shipbuilding," Port and Maritime organization, 2017.

Presentation, "Principles of Energy Efficiency Design Index," Port and Maritime organization, 2018.

Presentation, "Survey and control of non-conventional vessels," Port and Maritime organization, 2018.

LANGUAGES

Persian: Native Language

English: Good level in verbal communication, Advanced Writing skills.

COMPUTER SKILLS

Programming:

- Visual Basic

Applications:

- TRIBON (Following Modules: Pipe Modelling, Structure Modelling, Equipment, Component and Specification)
- Maxsurf (Following Modules: Stability, Modeler and Motion)
- I-Sketch (I-Configure and Spoolgen)
- AutoCAD
- MS Office (Word, Excel, Outlook, Powerpoint)
- AutoCAD Plant 3D
- Star CCM+
- Familiar with PDMS (attended 120 hours course in PDMS application in the ISOICO Shipyard)