






Dr. Nour Ahmed Marey

Dedicated Head of Preliminary Marine Engineering Studies at the Arab Academy for Science, Technology and Maritime Transport, with experience in achieving tangible results and cross-team collaboration. Proactive and excited to partners with like-minded individuals to achieve goals.

CONTACT

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PERSONAL INFORMATION

Date of birth: 15th August 1983
Nationality: Egyptian
Marital Status: Married – 3 Children
Military status: Exempted

PROFESSIONAL SKILLS

A highly Dedicated and reliable Marine Chief Engineer who has wide experience in the marine engineering field with strong and dynamic leadership and management skills. Dr. Nour is a [Head of Preliminary Marine Engineering Studies](#), Institute of Maritime Upgrading Studies, Arab Academy for Science, Technology and Maritime Transport since August, 2014. Dr. Nour started his sea service in 2005 and served onboard merchant ships for 9 years as a marine engineer, [VELA International Company at the Kingdom of Saudi Arabia](#). In Addition to his experience, he has conducted several experimental research studies related to the hydrodynamic lubrication within journal bearing as well as the design and construction of Journal Bearing for marine applications via [Universal Journal Bearing Test Rig \(UJBTR\)](#). He has also published numerous research manuscripts, at well-acknowledged and [high impact factor \(Q1\)](#) publishing platforms, that are related to the design and construction of journal bearing for marine applications. Dr. Nour has wide experience in operating “TRANSAS” Simulators, including all scenarios related to the operation and different management levels. Furthermore, Nour Marey is a [head lecturer](#) of Marine Diesel Engine, Marine Power Plant as well as Maritime Law subjects at the Institute of Maritime Upgrading Studies. Dr. Nour is currently a delegate lecturer at Naval Architecture and Marine Engineering Department, Faculty of Engineering, [Alexandria University](#) for teaching Marine Diesel Engine, Marine Engineering and Maritime Law subjects. Also, currently he is a [trainer](#) for trainees of IMO Model Course 6.10 (Train the Simulator Trainer & Assessor). A lecturer of [Marine Survey](#) courses for the following subjects ([Marine Diesel Engines](#),

Engine Room Machinery and Marine Boilers). Dr. Nour is also under continuous revisions from the Internal Audit and External Audit (DNV Classification Society), assigned for the Institute of Maritime Upgrading Studies. Currently, Marine Prof. Dr Nour is a supervisor for several M.Sc. and Ph.D. theses both at the Arab Academy for Science, Technology and Maritime Transport as well as the Faculty of Engineering, Alexandria University. Dr. Nour is additionally currently lecturing “Assessment of Machinery Performance” curricula for Marine applicants at the Maritime Postgraduate Studies Institute. He has also been honoured as his graduate project has been among the most significant engineering projects related to marine engineering and ship architecture departments for the year 2023 for Egyptian universities.

EDUCATION

2022

- **Ph.D.** in Naval Architecture and Marine Engineering., Faculty of Engineering, Port Said University, Egypt.

2018

- **Master Degree** in Marine Engineering Science, Arab Academy for Science, Technology and Maritime Transport, Alexandria – Egypt, with final grade “**Excellent**”.

2005

- **B.Sc.** in Marine Engineering, Arab Academy for Science, Technology and Maritime Transport, Alexandria – Egypt, with final grade “**Excellent**”.
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Qualifications

2012

- **Chief Marine Engineer**, Arab Academy for Science, Technology and Maritime Transport, Alexandria – Egypt.

2008

- **Second Marine Engineer**, Arab Academy for Science, Technology and Maritime Transport, Alexandria – Egypt.

2005

- **Third Marine Engineer**, Arab Academy for Science, Technology and Maritime Transport, Alexandria – Egypt.
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ACADEMIC EXPERIENCE

- Promoted to the rank of a **Marine Professor Doctor from 1st June, 2023**.
 - Head of Preliminary Engineering Studies, Institute of Maritime Upgrading Studies, Arab Academy for Science, Technology and Maritime Transport (AASTMT) from 2021 and up till now.
 - Member of the Independent Evaluation File Committee related to the Marine Transport Sector, Arab Academy for Science, Technology and Maritime Transport (AASTMT).
 - Member of the Scientific Research Committee for Marine Affairs, Arab Academy for Science, Technology and Maritime Transport (AASTMT).
 - Member of the Curricula Development Committee related to the Global Maritime Professional (GMP).
 - Examiner at Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt, AASTMT Examination Centre, from 2014 and up till now.
 - Trainer for trainees of IMO Model Course 6.10 (Train the Simulator Trainer & Assessor), Level 1 & Level 2.
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PRACTICAL EXPERIENCE

- Planning, designing and setup of the Universal Journal Bearing Test Rig (UJBTR) for comprehensive experimental research studies and investigations into the lubricating oil film within journal bearing and enhancing oil film lubrication performance for marine applications.
 - VELA International Company, Kingdom of Saudi Arabia (2005 to 2013) - Marine Engineer on board Product and VLCCs Tankers.
 - Maintenance and operation of many types of machinery auxiliary engines involving diesel engines, pumps, air compressors, boilers, Cargo Oil Pump Turbines “COPT”, Inert Gas System “IGS”, valves (manual/pneumatic/electric) and fuel oil purifiers.
 - "Eng. Ahmed Marey workshop", Egypt (January, 2000 to June, 2004) - Operator and Mechanical support.
 - Assembly and Repair of pumps, gearboxes, irrigating pumps and lathe machining.
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WORK RESPONSIBILITIES

- In charge of the courses related to Marine Diesel Engine, Marine Steam Power Plant, Marine Engineering and Maritime Law subjects for Chief Engineer, 2nd Engineer and 3rd engineer as well as Electrical Technical Officer (ETO).
 - Marine Diesel Engine, Chief, 2nd and 3rd marine engineers, part B, Arab and African Engineers.
 - Maritime Law, Chief, 2nd and 3rd marine engineers, part B, Arab and African Engineers.
 - Marine Diesel Engines, ETO, part B.
 - Marine Diesel Engines, 4th and 7th term, undergraduate students at the college of Maritime Transport, Marine Engineering Department.
 - Steam Power Plant & Gas Turbine Power Plant, 3rd marine engineers part B, ARAMCO engineers, Kingdom of Saudi Arabia, Damam from 22nd June 2014 to 3rd July 2014.
 - Marine Diesel Engines, 2nd marine engineer, part B, ARAMCO engineers, Kingdom of Saudi Arabia, Damam, from 27th May 2018 to 7th June 2018.
 - Steam Power Plant & Gas Turbine Power Plant, 2nd and 3rd marine engineers, part B.
 - Steam Power Plant & Gas Turbine Power Plant. 7th term, undergraduate students at the college of Maritime Transport, Marine Engineering Department.
 - Maritime Law, 2nd and 3rd marine engineers, part B.
 - Marine Engineering Knowledge, 3rd marine engineers, part B
 - Simulator Engine Room Resource Management “ERM”, Upgrading studies for ETOs, 3rd Engineers, 2nd Engineers and Chief Engineers.
 - Simulator, Engine Room Resource Management “ERM” for ARAMCO, KOTC, AMPTC, RAWABY, ALZAMIL and United Arab Emirates companies.
 - TRANSAS simulators operating and all related engineering scenarios.
 - Editing & Publishing book of Marine Diesel Engines for 3rd marine engineers.
 - Editing & Publishing book of Marine Steam Power Plants and Gas Turbines for 3rd marine engineers. **“Arabic version”**
 - Editing & Publishing book of Marine Steam Power Plants and Gas Turbines for 3rd marine engineers. **“English version”**
 - Book of Marine Diesel Engines for 2nd & chief engineers “under editing”.
 - Refreshment course for Chief Engineer, 2nd Engineer and 3rd engineer as well as Electrical Technical Officer (ETO).
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ADDITIONAL RESPONSIBILITIES

- Oral examiner for 3rd, 2nd and chief engineers, for CoC licence.
 - Testing engineers' knowledge in Marine Engineering field.
 - Marking Maritime law exam papers for 2nd engineers, part B.
 - Editor of marine diesel engine exam questions for 2nd engineer (CoC licence).
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RESEARCH CONTRIBUTIONS

- [N. A. Marey](#), Hegazy, El- Sayed & Ali, Amman. (2018). Design and Setup for a Journal Bearing Universal Test Rig. *Port-Said Engineering Research Journal, Volume (22), Issue (1) Winter and Spring 2018, Page 101-106, ISSN 1110 – 6603*
- [N. A. Marey](#), Hegazy, El- Sayed & Ali, Amman. (2018). Computational Investigation Of Oil Film Pressure Profile In Journal Bearings. *Port-Said Engineering Research Journal, Volume (22), Issue (2), Page 40-45 Summer and Autumn 2018, ISSN 1110 – 6603.*
- [N. A. Marey](#). (2019). An Experimental Investigation of Hydrodynamic Journal Bearing with Different Oil Grades. *Port-Said Engineering Research Journal, Volume (23), Issue (2), Summer and Autumn 2019, ISSN 1110 – 6603.*
- [N. A. Marey](#), Hegazy, El- Sayed & Ali, Amman. (2020). Experimental Analysis of Crash Stop on Intermediate Marine Shaft Journal Bearing. *AIN journal, Winter and Spring 2020, ISSN 2090 – 8202.*
- [N. A. Marey](#), El-Sayed Hegazy, Hassan El-Gamal, Amman Ali and Randa Ramadan, (2022), Universal Journal Bearing Test Rig Uncertainty and Validation Measurement to Enhance Marine Shafting Performance, MARLOG, March 2022, E-ISSN: 2682-3756, pp: 258: 275, <https://marlog.pti-aast.org/2022/MarlogProceedings.pdf>
- [N. A. Marey](#), El-Sayed Hegazy, Hassan El-Gamal, Amman Ali and Randa Ramadan. (2021). Development of Universal Journal Bearing Test Rig (UJBTR) and Experimental Setup for Oil Film Lubrication Enhancement Regarding Marine Applications. *Port Said Engineering Research Journal, Volume 26 No. 2 pp: 81:93.*
- [Nour A Marey and Amman A Ali](#), Novel Measurement and Control System of Universal Journal Bearing Test Rig for Marine Applications, 2023, *Alexandria Engineering Journal*, <https://doi.org/10.1016/j.aej.2023.04.006>, Volume 73 Issue 2, pp: 11:26.

- N. A. Marey, El-Sayed Hegazy, (2023) Experimental Evaluation of the Effect of Oil Supply Pressure related to Marine Slow Speed Diesel Engine on Oil Film Pressure and Temperature Profiles within Journal Bearing. Port Said Engineering Research Journal, <https://doi.org/10.21608/pserj.2023.194191.1221>, Volume 27, Issue 2.
 - N. A. Marey, W. M. El, and M. Fayed, “Experimental study on hydro- thermal behavior of journal bearing oil film profile in a slow speed diesel engine,” Alexandria Eng. J., [https://authors.elsevier.com/sd/article/S1110-0168\(23\)00837-2](https://authors.elsevier.com/sd/article/S1110-0168(23)00837-2), vol. 81, no. August, pp. 532–547, 2023, doi: 10.1016/j.aej.2023.09.049.
 - N. A. Marey, W. M. El, and M. Fayed, Amman A Ali “Hydrodynamic lubrication behavior under miscellaneous operational conditions via CGB numerical model,” 2023, Alexandria Engineering Journal, **currently under review**.
 - Nader. Nasr, Ahmed. Abdelsalam, Amman. A. Ali and N. A. Marey, *. (2023). Experimental and Theoretical Investigation for Performance of Shaft Journal Bearing Lubrication. *Port-Said Engineering Research Journal*, *Accepted and will be published at Volume (28), No (1) March 24*.
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TRAINING COURSES

- International publication for Scientific Research.
- International to Innovation and Technology Management.
- The Training of Trainees and Assessor’s Marine Simulators.
- Instructors in Maritime Institutions (Level 2).
- Problem Solving & Decision Making.
- Dealing with Special Needs Students.
- Quality standards in education.
- Moodle.
- Negotiation skills and how to influence others.
- Crisis & disaster management.
- Global Maritime Professional- Body of Knowledge implementation.
- Competing for research funds

AREAS OF INTEREST

- Marine Diesel Engines
 - Steam Power Plants
 - Gas Power Plants
 - Auxiliary Marine equipment
 - Hydrodynamic Journal Bearing
 - STCW
 - Maritime Law
 - Marine Engineering Researches
 - Maintenance Planning
 - Microsoft Office.
 - TRANSAS Simulators
 - Green Energy
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ACADEMIC ACTIVITIES

- Management of the undergraduate study programs.
 - Management of students' graduation projects.
 - Course coordinator.
 - ISO course files and session plans for all marine engineering upgrading studies according to IMO modules.
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