



# الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري

## Arab Academy for Science, Technology & Maritime Transport

**Dr. Mohamed Ibrahim Abdel-Aziz**



### Personal Data

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### Education

- 2020, **Doctorate Degree** from **Maritime Postgraduate Studies Institute (MPI)** – Arab Academy for Science, Technology and Maritime Transport, Alexandria – Egypt in Marine Engineering Technology and Ship Construction Specialization
- 2005, **M.Sc. Degree** from **World Maritime University (WMU)**, Malmo – Sweden in Maritime Safety and Environmental Protection Specialization
- 1992, **B.Sc. Degree** from **Arab Academy for Science, Technology and Maritime Transport**, Alexandria – Egypt in Marine Engineering
- 2000, **Egyptian** Certificate of Competency as **Chief Marine Engineer (F.G)**, The second and third **Engineer** certificates were obtained in 1997 and 1992, respectively



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### Experience

- 1992 – 2000  
Marine engineer on board international merchant fleet of many national shipping companies.
- 2001 – Till now  
Lecturer in Marine Engineering Technology Department, College of Maritime Transport and Technology, Arab Academy for Science, Technology and Maritime Transport.

### Responsibilities

- 2011 – 2018  
Engineering Chief Examiner for Marine Examination Center of Arab Academy for Science, Technology and Maritime Transport.
- 2023 - Till now  
Head of Marine Engineering Technology Department, College of Maritime Transport and Technology, Arab Academy for Science, Technology and Maritime Transport.

### Achievements

#### **Researches and Scientific Studies:**

- "Energy Study for Passenger Ship Accommodation Design Modeling" International Conference on Innovative Engineering Technologies (ICIET-20) 28th Jan-29th Jan 2020, Cairo, Egypt
- "Feasibility study for energy design modifications in passenger ships" Maritime Research & Consultation Center (MRCC), 2020
- "Maritime Safety and Risk Management" Maritime Scientific Research Journal, 2012
- "Applications of Hydrogen Fuel in Marine Field" Port – Said Engineering Research Journal, 2012
- "A New Proposed Method for Estimation of Harbor Tug Boat Dimensions" Port – Said Engineering Research Journal, 2011
- "التطورات الحديثة في تقييم التآكل ووسائل الحماية لمعدن المنشآت البحرية" Port – Said Engineering Research Journal, 2010
- "LNG Safety and Security Aspects for Ships and Terminals" Port – Said Engineering Research Journal, 2007



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- "العوامل المؤثرة في تحليل الحوادث البحرية" Port – Said Engineering Research Journal,2007
- "Environmental Problems Due to Ships' Ballast Water and The Treatment Methods" Port – Said Engineering Research Journal,2007

### Relevant Courses

- Ship Design
- Naval Architecture
- Ship Construction
- Marine Diesel Engine
- Marine Engineering
- Maritime Law