

Dr. Swilem Aly Mohamed Swilem

Assistant Professor of Automotive and Marine Engineering Technology

Education:

- 1982, B.Sc., Alexandria University, Naval Architecture and Marine Engineering Dept., Egypt
- 1986, M.Sc., Alexandria University, Ship Structural Design, Egypt.
- 1992, Ph.D., Hiroshima University, Naval Architecture and Ocean Engineering Dept., Japan.

Number of years of service on this faculty:

- Twenty-One Years
- 1997- 2018 Assistant Professor of Automotive and Marine Engineering Technology.

Other related experience:

- 1982 to 1986, Lecturer, Faculty of Engineering, Alexandria university, Egypt.
- 1986 to 1989, Teaching Assistant, Faculty of Engineering, Alexandria university, Egypt.
- 1992 to 1993, Research Assistant, Faculty of Engineering, Hiroshima University, Japan.
- 1993 to 1997, Assistant Professor, Faculty of Engineering, Alexandria university, Egypt.
- 1997 to 2018, Assistant Professor, Faculty of Technological studies, Kuwait.

Teaching interests:

Engineering Drawing, General Phasic, Computer science, Fluid Mechanics, Thermodynamics, Naval Architecture and Ship Building, Engineering Mechanics, Shipyard technology. Marine Pollution, Marine Diesel Engines, Steam Engineering, Ship propulsion, Marine Auxiliary, Ship Systems, Ship Maintenance, Offshore Technology, Automatic Control, Marine Safety, Marine Transportation Management.

Courses taught at PAAET:

Engineering Drawing, Computer science, Fluid Mechanics, Thermodynamics, Naval Architecture and Ship Building, Shipyard technology. Marine Pollution, Marine Diesel Engines, Ship Systems, Ship Maintenance, Automatic Control, Marine Safety.

Research interests:

Ship Structural Design, Probabilities and Reliability and Optimization in Marine.

Principal publications of last five years:

1. Dr. Jasem M.S Al-Rajhi, Dr. Hilal A. Abdelwali, Dr. Elysaed E. m. Ellaimony, Dr. Swilem A. Swilem, "A decomposition Algorithm for Solving A Class of Bi-Criteria Multistage Transportation Problem With Case Study", International Journal of Innovative Research in science, Engineering and Technology, Vol.2, Issue 9, 2013.
2. K. Alawadhi, A.S. Aloraier, S. Joshl, J. Alsrraf, AlAli, Swilem A. Swilem, " Investigation on Perferntial Corrosion of Welded Steel Under Flowing Conditions by EIS", Journal of Material Engineering and Performance, @ASM International 1059-9495, 23 March 2013.
3. Jalal M. Al-Sarraf, S.A.M. Swilem, Khaled A. A;awadih, "Decision making for stable inspection planning of deteriorating structures based on constraint reliability and uncertainties", International Journal of Engineering & Technology, 3 (3) (2014) 409-425, ©Science Publishing Corporation.
4. A New Approach Using Hybrid Power Series- Cuckoo Search Optimization Algorithm to Solve Electrostatic Pull-in Instability and Deflection of Nano Cantilever Switches Subject to Van der Waals Attractions, Jalal M. Al-Sarraf, Khaled Alawadhi, Abdulwahab Alnaqi, S.A.M. Swilem, College of Technological Studies, Public Authority of Applied Education and Training- Kuwait, International journal of Engineering Technology 6(2) (2017) 29-35.

Scientific and professional societies of which a member:

1. Member of Egyptian Society of Engineers.

Honors and awards:

- Alexandria University, B.Sc, Fist dgree of Honor, in Marine Engineering anf Naval Architecture, 1982.
- Alexandria University, M.Sc, dgree of Honor, in Marine Engineering anf Naval Architecture, 1986.

Institutional service in last five years:

1. 2018 Member of the Programs and Curriculum Development Committee

2. 2018 Member of the ABET Committee
3. 2018 Member of the Student Advisement Committee
4. 2017 Member of Field Training Committee
5. 2016 Member of Schedules and Examinations Committee
6. 2016 Member of Appointments Committee
7. 2016 Member of Workshops and Laboratories Committee
8. 2015 Member of Workshops and Laboratories Committee
9. 2015 Member of the Evaluation Committee
10. 2014 Member Social and Cultural Committee
11. 2014 Member of the of Budget Committee
12. 2014 Member the ABET Committee
13. 2013 Chairman of the Promotion Committee
14. 2013 Member of Schedules and Examinations Committee
15. 2013 Member Social and Cultural Committee

Professional service in last five years:

1. Active Member of “MOETC2014 Marine Offshore and Engineering Technology” Conference, The Public Authorities of Applied Science and Training, 4-6 March 2014, in Kuwait.
2. Reviewer of “MOETC2014 Marine Offshore and Engineering Technology” Conference, The Public Authorities of Applied Science and Training, 4-6 March 2014, in Kuwait.

Professional development activities in last five years:

1. Attending the “Heading Global” Conference, The Public Authorities of Applied Science and Training, 14-16 of November, 2016.
2. Attended the “MOETC2014 Marine Offshore and Engineering Technology” Conference, The Public Authorities of Applied Science and Training, 4-6 March 2014, in Kuwait.
3. Attending many conferences in Green Building, Electricity and Water, Energy and Environment and District Cooling in the past few years, Kuwait
4. Attended many Workshops and condensed courses conducted by the Center of Evaluation and Development, PAAET, 2011-2018.
5. Attending many seminars organized by KEFAS, KISR and PAAET.
6. Attending many seminars organized by PAAET.
7. Attended a number of Workshops and condensed courses conducted by the Center of Evaluation and Development, PAAET.