

Prof. Dr. Eng. Ayman Mohamed Ibrahim Mohamed, Ph.D.

Thermal and Energy Engineering, Solar Energy and Desalination

University President

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PERSONAL INFORMATION

Birth date	26-6-1964
Place of Birth	Port-Said, Egypt
Gender	Male
Marital Status	Married, 3 kids
Nationality	Egyptian
Home Address	ElGolf, building No. 13, flat 201, Port-Said, Egypt, Postal Code 42111.
Work Address	Faculty of Engineering, Port-Said University, Port Said, Egypt, postal code 42523.
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LANGUAGE PROFICIENCY

Arabic	Native language
English	Speak Good, Read Good, Write Good
German	Speak Good, Read Good, Write fluent

EDUCATIONAL QUALIFICATIONS

- **Ph.D. (1997)**, in Mechanical Power Engineering.
SUEZ CANAL UNIVERSITY, Faculty of Engineering, Port-Said, Egypt.
Under channel system with Cooperation of
BREMEN UNIVERSITY, Heat Transfer Institute, Bremen, Germany.
MAJOR : Fouling on Heat transfer surfaces in desalination systems.
Ph.D. Title : “*Crystallization Fouling inside Forced Circulation Heat Exchangers*”
- **M.Sc. 1992**, in Mechanical Power Engineering
SUEZ CANAL UNIVERSITY, Faculty of Engineering, Port-Said, Egypt.
MAJOR: Thermal Solar Energy Application.
M.Sc. Title : “*Dynamic Behavior of flat plate solar collector*”
- **G.S. 1990**, Graduate Study in Mechanical Power Engineering
MAJOR: Thermodynamics and Heat Transfer, Mechanical Power Department,
Faculty of Engineering, *SUEZ CANAL UNIVERSITY*, Port-Said, Egypt.
- **B.Sc. 1987**, in, Mechanical Power Engineering
(Very Good, first class with Honor), Mechanical Power Department, Faculty of
Engineering, *SUEZ CANAL UNIVERSITY*, Port-Said, Egypt.

ACADAMIC AND PROFESSIONAL EXPERIENCE

(December 27, 2017 - present)

- Vice President for Post Graduate and Research, Port Said University, Port-Said, Egypt.

(March, 2015 – December 26, 2017)

- Dean of the Faculty of Engineering, Port-Said University, Port-Said, Egypt.
- Visitor professor, Faculty of Engineering Science, Sinai University, Egypt.

(October, 2011 – February 2015)

- Vice Dean of Education and Students Affairs, Faculty of Engineering, Port-Said University, Port-Said, Egypt.
- Visitor professor, Faculty of Engineering Science, Sinai University, Egypt.

(April, 2011 – October 2011)

- Prof. of Thermal process and Energy Engineering, Mechanical Power Engineering Department, Faculty of Engineering, Port-Said University, Egypt.
- Visitor professor, Faculty of engineering science, Sinai University, Egypt.
- Director of Quality assurance unit, Faculty of Engineering, Port-Said University, Egypt.

(September, 2008 – April, 2011)

- Natural Gas Engineering program (NGEP) Coordinator.
- Asc. Prof. thermal energy and heat transfer, Mechanical Power Department, Faculty of Engineering, Suez Canal University, Port-Said, Egypt.

(March, 2008 – August, 2008)

- Asc. Prof. of thermal energy and heat transfer, Mechanical Power Department, Faculty of Engineering, Suez Canal University, Port-Said, Egypt.

(September, 2006 – February, 2008)

- Asc. Prof. of Mechanical Engineering, Mechanical Engineering Department, College of Engineering, Al-Qassim University, Al-Qassim, Kingdom of Saudi Arabia.

(January, 2004 –August, 2006)

- Asc. Prof. of Mechanical power engineering, Mechanical Power Department, Faculty of Engineering, Suez Canal University, Port-Said, Egypt.
- Environmental Engineering consultant and EIA Designer, part time job at Egypt Envirocon consultation office.

(October 1997- December 2003)

Lecturer of mechanical power engineering, Mechanical Power Department, Faculty of Engineering, Suez Canal University, Port-Said, Egypt.

(May 1997 – September 1997)

Ass. Lecturer in Mechanical Power Department, Faculty of Engineering, Suez Canal University, Port-Said, Egypt.

(January 1994 – April 1997)

Research Associate, Thermodynamics, Heat and mass transfer Institute, Bremen University, Bremen, Germany.

(April 1991 – December 1993)

Ass. Lecturer in Mechanical Power Department, Faculty of Engineering Suez Canal University, Port-Said, Egypt.

(March 1988 – March 1991)

Demonstrator in Mechanical Power Department, Faculty of Engineering Suez Canal University, Port-Said, Egypt.

Summary Table for the different Activities in The Resume

Activity	Counts		
	Training	Total	Local
	21	16	5
Publications	Total	Local	International
	40	21	19
Google Citations	i10-index	H-index	Citations
	5	7	263
Scopus Information	No. of Pub.	H-index	Citation
	7	6	166
Thesis Supervision	Total	MSc	Ph.D.
	10	7	3
Scientific Conference and workshops	Total	Local	International
	30	22	8
Projects	Total	Consulting	Research
	60	43	17
Academic Quality and Accreditation	Total	Reviewer	Executive
	16	5	11
Reviewer In the Supreme Council of The Egyptian Universities	2012- present		
Reviewer and Examiner for Ph.D. and MSc.	Total	Ph.D.	MSc.
	15	5	10
Reviewer in Scientific Journals	Total	Local	International
	12	4	8
Number of Articles reviewed	Total	Local	International
	103	10	93

FIELDS OF EXPERIENCE (Teaching, Consulting and Research)

- Solar Energy
- Desalination and water treatment
- Refrigeration and Air-conditioning systems
- Thermal Energy and power
- Geothermal Energy applications
- Heat and mass transfer
- Air Pollution
- Computer Application in Thermal Process Engineering
- Thermal Environmental Engineering and Modeling
- Software developing and design in the filed of experience

TEACHING EXPERIENCE

(Under-graduate)

- Refrigeration and Air Conditioning
- Thermal energy technology
- Renewable energy
- Natural Gas Process Engineering
- Heat and mass Transfer, Faculty of Engineering, Suez Canal University.
- Thermodynamics, Faculty of Engineering, Suez Canal University.
- Engineering Drawing and AutoCAD, Faculty of Engineering, Suez Canal University.
- Desalination Technology, Faculty of Engineering, Suez Canal University.
- Air-conditioning, Faculty of Engineering, Suez Canal University.
- Computer Applications in thermal process engineering, Faculty of Engineering, Suez Canal University.
- Numerical Analysis, Faculty of Engineering Suez Canal University.
- Computer Science, Faculty of Education, Suez Canal University.
- Computer Programming Languages (Fortran – Visual Basic), Faculty of Education of Art, Suez Canal University.
- Computer Graphics and Multimedia, Faculty of Education of Art, Suez Canal University.
- Engineering Drawing and AutoCAD, College of Engineering, Qassim University, Saud Arabia.
- Engineering Dynamics, College of Engineering, Qassim University, Saudi Arabia.
- Thermal power plants, College of Engineering, Qassim University, Saudi Arabia.
- Natural gas process engineering, NGEP, Port-Said University, Egypt.
- Natural gas transmission technology, NGEP, Port-Said University, Egypt.

(Post-Graduate)

- Computer Application in Mechanical Power Engineering, Faculty of Engineering, Suez Canal University.
- Turbulent flow, Faculty of Engineering, Suez Canal University.
- Ventilation Technology, Faculty of Engineering, Suez Canal University.
- Air-Conditioning Loads, Faculty of Engineering, Suez Canal University.
- Heat Transfer by Convection, Faculty of Engineering, Suez Canal University.

CONSULTING AND STUDIES ACTIVITIES

- Study of reducing the fouling inside evaporators tube, Heat Transfer Institute, Bremen University, Krupp Atlas, Germany, 1994.
- The fouling Behavior inside a falling film Evaporators with fluted design, , Heat Transfer Institute, Bremen University, Krupp Atlas, Germany, 1994-1995.
- Study of the energy consumption for Port-Said city, Center of public service, planning and study, Faculty of engineering, Suez canal university, port-said, with cooperation with Energy planning center – Electricity Ministry,1997.
- Testing the hydraulic performance of imported irrigation water pumps, Pumps test Unit, Center of public service, planning and study, Faculty of Engineering, Suez Canal University, Port-Said, 1998.
- Design of an action plan for waste management of west Port-Said Gas treatment Plant (AMOCO British Petroleum), Public Service Center for Training and Studies, PSCTS, Faculty of Education, Suez canal University, Port-Said, 1999.
- Pollution Level Measurements (Environmental Logbook) of SHIBAA Garments Factory, Energy research and studies Center, Faculty of Engineering, Suez canal University, Port-Said, 2000.
- Teaching Computer science, Public Service Center for Training and Studies, PSCTS, Faculty of Education, Suez Canal University, Port-Said, 1999-present.
- Teaching CAD and Computer science, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, 1998-present.
- Environmental Impact Assessment, Steel Pipe Factory at Northern Port-Said, EGYPT, Submitted to EEAA, August 2001.
- Assessment of the Environmental Conditions of Barge PJ-11, Submitted to Petroleum Marine Service Company, Nov. 2001.
- Assessment of the Environmental Conditions of Barge PJ-13, Submitted to Petroleum Marine Service Company, January 2002.

- Environmental Impact Assessment, Kapci Coatings Company, Port-Said, EGYPT, Submitted to EEAA, June 2002.
- Design of the Fire Alarm system for the Ismailia Campus of Suez canal University, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, 2002.
- Design of the Fire Fighting system for the Ismailia Campus of Suez canal University, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, 2002.
- Environmental Impact Assessment, Alsukhna Direct Reduction Iron Plant (locate at south Suez, Egypt), National Authority for Remote Sensing and Space Technology, NARS, Cairo, Egypt, Submitted to EEAA, 2003.
- Design An Air Dispersion Model (ADM) for Al-Sukhna Direct reduction Iron Plant (locate at south Suez, Egypt), National Authority for Remote Sensing and Space Technology, NARS, Cairo, Egypt, Submitted to EEAA, 2003.
- Evaluation the performance of the water solar heating system of the university campus in Isamilia, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, 2003.
- Fishing and shipping activities in offshore Port-Said region report, Offshore North Sinai natural gas company (ONS), Egypt Envirocon Environmental Consultant, Port-Said, Egypt, 2004.
- Preliminary EIA Study , Offshore North Sinai natural gas company (ONS), Egypt Envirocon Environmental Consultant, Port-Said, Egypt, 2004.
- Design of the Fire alarm and Fighting systems for the El-Arish Campus of Suez canal University at El-Arish, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, 2004.
- Inspection of the operating conditions of the irrigation pumps for south port-said company, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, 2004.
- Study of the sand encroachment hazardous on the onshore central processing facilities (CPF), Offshore North Sinai natural gas company (ONS), Egypt Envirocon Environmental Consultant, Port-Said, Egypt, 2004.

- Fishing activities in offshore Abu–Qair Bay study, Egypt British Petroleum company, Egypt Envirocon Environmental Consultant, Port-Said, Egypt, 2004.
- Environmental Impact Assessment study (EIA), Offshore North Sinai natural gas company (ONS), Egypt Envirocon Environmental Consultant, Port-Said, Egypt, 2005.
- Air Quality and noise Evaluation at the west Port-Said industrial zone, Submitted to Port-Said Governorate and Egyptian Environmental Affaire authority (EEAA), 2005.
- Design An Air Dispersion Model (ADM) for west Port-Said industrial zone (locate at Port-Said, Egypt), Submitted to Port-Said Governorate and Egyptian Environmental Affaire authority (EEAA), 2005.
- Assessment of the Productivity of El-Nasr Pilot Solar Plant Cairo, Egypt, Submitted To: The New & Renewable Energy Authority (NREA), Ministry of Electricity, November 2005
- El-Nasr Solar Pilot Plant Performance Simulation, Cairo, Egypt, Submitted To: The New & Renewable Energy Authority (NREA), Ministry of Electricity, January 2006.
- Environmental Impact Assessment of El Karwan Resort, Egypt Envirocon Environmental Consultant, Port-Said, Egypt, 2006.
- Quality and Accreditation of the undergraduate curriculum of the mechanical power engineering department, faculty of engineering, Suez Canal University, Port-Said, Egypt.
- Developing the curriculum and the management regulations of the new department of natural gas production engineering at faculty of engineering, Suez Canal University, Port-Said, Egypt, April 2006.
- Technical consultant of the RO desalination plant at ElMaghara, North Sinai Governorate, Egypt, May 2006.

- Supervising of the constructing of the Power station and renewable energy labs, College of Engineering, Qassim University, Kingdom of Saudi Arabia, October 2006.
- Developing the active learning courses for engineering educational, College of Engineering, Qassim University, Al-Qassim, Kingdom of Saudi Arabia, December 2006.
- Developing the Msc. Post graduate program, College of Engineering, Post Graduate Council, Qassim University, Qassim, Kingdom of Saudi Arabia. February 2007.
- Design and operation simulation of steam generation solar Plant in Al-Qassim - Kingdom of Saudi Arabia, University indoor project fund, Research Deanship, Qassim University, Al-Qassim, Kingdom of Saudi Arabia, March 2007.
- Design Criterion of water desalination system driven by the available geothermal energy in Kingdom of Saudi Arabia, University indoor project fund, Research Deanship, Qassim University, Al-Qassim, Kingdom of Saudi Arabia, October 2007.
- Simulation model for Solar Desalination using Humidification Dehumidification process Under Al-Qassim Meteorological Conditions, University indoor project fund, Research Deanship, Qassim University, Al-Qassim, Kingdom of Saudi Arabia, January 2008.
- Design of the Fire alarm and Fighting systems for the New extension and buildings of Suez canal University at Ismailia, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, September 2008.
- Medical Incineration system for the main university hospital, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, October 2008.
- Design of the animal house central air-conditioning and duct systems, faculty of medicine, Suez Canal University, March 2009.

- Training course for fresh engineers at SEGAS, Center of public service, planning and studies, Faculty of Engineering, Port-Said university, February - March 2009.
- Developing a Framework and data-base for the integration of university researchers in the industry, Port-Said university, RDI, ministry of higher education, Egypt-European Union, August 2009-May 2010.
- Environmental Impact Assessment of west Port-Said new Industrial region, Center of public service, planning and studies, Faculty of Engineering, Port-Said university, submitted to (EEAA). Port-Said, August 2010.
- Training course for fresh engineers at SEGAS, Center of public service, planning and studies, Faculty of Engineering, Port-Said University, February - March 2011.
- General Plan for Environmental Framework – Port-Said Governorate, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, April 2011.
- Training course for fresh engineers at SEGAS, Center of public service, planning and studies, Faculty of Engineering, Port-Said University, February 2012.
- Solid waste management system for Port-Fouaad city, Environmental and public service sector, Port-Said University, May 2012.
- Research, Development and Innovation Programme (ENPI/2010/21866), RDI Programme (Phase II), For the Assessment of Scheme1 Concept Notes, Call for Proposals: EuropeAid/127054/C/SER/multi, 8-10 July 2012.
- Environmental Impact Assessment of Solid waste Incineration Site at south Port-Said, Center of public service, planning and studies, Faculty of Engineering, Port-Said university, submitted to (EEAA). Port-Said, December 2013.
- Environmental Impact Assessment of Idrak Institute at west Port-Said, Center of public service, planning and studies, Faculty of Engineering, Port-Said university, submitted to (EEAA). Port-Said, December 2014.
- Environmental Impact Assessment of Construction and Operation Elkournish Road at Port-Said, Center of public service, planning and studies, Faculty of Engineering, Port-Said university, submitted to (EEAA). Port-Said, March 2015.
- Study of Developing measurement system for water source of Suez Canal Terminal company, east Port-Said, Center of public service, planning and studies,

Faculty of Engineering, Port-Said university, submitted to (EEAA). Port-Said, July 2015.

- Planning of New Campus of Port-Said University, August 2015.
- Design of the Fire Fighting systems for the Faculty of Medicine, Port-Said University, Center of public service, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, January 2016.
- Climate Change and Sustainability Policy Minor Program (CLIMASP), European Commission Tempus under the coordination of the UNESCO Chair ICT in Education for Sustainable Development, University of Crete, Greece, and Port Said University, 2014-2016.
- A novel membrane water desalination pilot plant driven by a hybrid solar-biogas energy sources. Share Research Project between Sheifeld University and Port Said University No. (27653), Funded by British Council (UK) – STDF (Egypt) Newoton – Mosharfa Program, started Septmber 2017, running duration 24 months.

COMPUTER EXPERIENCE

- Considerable experience with thermodynamics, fluid mechanics, and heat transfer codes and software.
- Experience with water properties and others working medium's properties codes: WINWASP, GASPROP5, and others.
- Extensive experience with AutoCAD.
- Extensive use of general-purpose finite-element and finite-difference codes.
- Considerable experience with CFD codes and software (PHOENIX).
- Considerable experience with EPA standard Air Pollution dispersion models (ISC, and AERMOD).
- A working knowledge with most computer operating systems including, Unix, DOS, Windows and other system utilities.
- A working knowledge with many software in different applications including, MS office, Data base software(Access-dbIII), spread sheets (Excell-Lotus), graphics data analysis (grapher - surfer-3d view- and many).
- Considerable experience with the most Internet Utilities and software (MS internet explorer, front Page, Ms outlook, etc.)
- Experienced in coding with FORTRAN and Visual Basic.
- Air Conditioning software, HAP4, Elite, Maqcwue

PUBLICATIONS

- Nabil A.S. Elminshawy, **A.M.I. Mohamed**, K. Morad, Y. Elhenawy, Abdulrahman A. Alrobaian, "Performance of PV panel coupled with geothermal air cooling system subjected to hot climatic", Applied Thermal Engineering, 148 (2019) 1-9.
- Bin Break, Riam Nagi, Saif, A.M., Shatat, M.M, **Mohamed, A.M.I.**, and Mikhael, N.N. "Effect of Twisted Tapes Insert on Heat Transfer and Pressure Drop Augmentation for High Viscous Fluids inside Rotating Tubes", PSRJ, Vol. (22), No. 1, March 2018, pp. 140:156.
- Bin Break, Riam Nagi, Saif, A.M., Shatat, M.M, **Mohamed, A.M.I.**, and Mikhael, N.N. "Numerical Investigation on Fluid Flow and Heat Transfer Characteristics for High Viscous Fluids inside Axially Rotating Tubes", PSRJ, Vol. (22), No. 1, March 2018, pp. 127:139.
- **Mohamed, A.M.I.**, Abd El-hamid, A.A., Saif, Amany M., and Abd El-aziz, E. A. "An Experimental Study of Performance of Water Stirring Solar Still", PSRJ, Vol. (22), No. 1, March 2018, pp. 120:126.
- Rady, A., **Mohamed, A.M.I.**, Arafat, A., Morsy, M. "Study Of The Performance And Productivity Of Hybrid (TVC/DCMD) Desalination System", Twenty-first International Water Technology Conference, IWTC21 Ismailia, 28-30 June 2018.
- Rady, A., **Mohamed, A.M.I.**, Arafat, A., Morsy, M. "Combined thermal vapor compression and Direct distillation membrane driven by Parabolic trough solar collector", PSRJ, Vol. (20), No. 2, September 2016, 132:148.
- Ezat, A.A., El-Sawaf, I.A., **Mohamed, A.M.I.**, and Hoettiba, R., "Simulation Study of Screw Micro Pumps Design and Performance", 16th International Conference in Aerospace Science & Aviation Technology (ASAT-16), 26-28 May 2015, Military Technical College, Cairo, Egypt.
- Okeily, M.A., Mikhael, N.N., Morad, K.A., and **Mohamed, A.M.I.**, "A Comparative Study of Integrated Coal Gasification Combined-Cycle Power Plants (ICGCC) with Kalina Cycle", PSRJ, Vol. (18), No. 1, March 2014.

- Ezat, A.A., El-Sawaf, I.A., **Mohamed, A.M.I.**, and Hoettiba, R., "Simulation Study of Screw Micro Pumps Design and Performance", Port-Said Engineering Research Journal, PSERJ, Vol. 18, No. 1, March 2014, pp. 53-61.
- **Mohamed, A.M.I.**, Alam-Eldien, A.M., and Saif, A., "Numerical study of Aeolian Sand Particles Behavior Behind Constant and Variable Porosity Wind Fences", Proceedings of ICFD 11 : Eleventh International Conference of Fluid Dynamics, ASME – Cairo University, December 19-21, 2013, Alexandria, Egypt, No.: ICFD11-EG-4111.
- **Mohamed, A.M.I.**, Alam-Eldien, A.M., and Saif, A., "Air Quality Assessment of West Port-Said Industrial Region", Egypt, Proceedings of ICFD 11 : Eleventh International Conference of Fluid Dynamics, ASME – Cairo University, December 19-21, 2013, Alexandria, Egypt, No.: ICFD11-EG-4006.
- Nabil Elminshawy, **Ayman Mohamed**, and Mahmoud Kassem, "Desalination System Powered by a Hybrid Waste Heat and Solar Energy", set2011, 10th International Conference on Sustainable Energy Technologies, Istanbul, TURKIYE, 4-7 Sep. 2011.
- **A.M.I. Mohamed**, N.A. El-Minshawy, "Theoretical investigation of solar humidification–dehumidification desalination system using parabolic trough concentrators", Energy Conversion and Management 52 (2011) 3112–3119.
- **Mohamed, A.M.I.**, Hoettiba, R., Saif, A.M., "The Effect of the Corrugation Ribs Angle of Attack on the Fluid Flow and Heat Transfer Characteristics Inside Corrugated Ribbed Passage", Journal of Heat Transfer, ASME, August 2011, Vol. 133 / 081901-1-10.
- Saif, A.M., **Mohamed, A.M.I.**, and Alam-Eldien, A.M., "Variable Porosity Wind Fences to Control Aeolian Sand Transport", Proceedings of ICFD 10 : Tenth International Congress of Fluid Dynamics, ASME – Cairo University, December 16-19, 2010, Stella Di Mare Sea Club Hotel, Ain Soukhna, Red Sea, Egypt, No. ICFD10-EG-3090, pp. 1-13.
- Saif, A.M., **Mohamed, A.M.I.**, and Alam-Eldien, A.M., "Simulation Study of Velocity Field Behind Porous Wind Fences to Control Aeolian Sand

- Transport", *Ain Shams Journal of Mechanical Engineering (ASJME)*, Vol. 2, October, 2010, pp. 1-14.
- **Mohamed, A.M.I.**, "Experimental study of heat transfer and flow characteristics of liquid falling film on a horizontal fluted tube", *Heat and Mass Transfer* 46 (2010) 841–849.
 - **Mohamed, A.M.I.**, and El-Minshawy, N.A., "Humidification – Dehumidification Desalination System Driven by Geothermal Energy", *Desalination* 249 (2009) 602–608.
 - Hoettiba, R., **Mohamed, A.M.I.**, Morad, K., and Mikhael, N.N., "Numerical Investigation of the Effect of the Corrugation Pitch and Height on the Fluid Flow and Heat Transfer Characteristics inside Corrugated Ribbed Passage", *Port-Said Engineering Research Journal, PSERJ*, Vol. 13, No. 2, Sept. 2009, pp. 122-136.
 - **Mohamed, A.M.I.**, and El-Minshawy, N.A., "Theoretical Investigation of Solar Humidification – Dehumidification Desalination System Using Parabolic Trough Concentrators", *Port-Said Engineering Research Journal, PSERJ*, Vol. 13, No. 2, Sept. 2009, pp. 10-24.
 - Hoettiba, R., **Mohamed, A.M.I.**, Morad, K., and Mikhael, N.N., "Experimental Investigation and Numerical Model Validation of the Heat Transfer and Fluid Flow Characteristics Through a Corrugated Ribbed Passage", *Port-Said Engineering Research Journal, PSERJ*, Vol. 13, No. 1, March 2009, pp. 44-59.
 - **Mohamed, A.M.I.**, "Experimental Study of Heat Transfer and Flow Characteristics of Liquid Falling Film on Horizontal Fluted Tube", *Engineering Research Journal ERJ, Faculty of Engineering, Minoufiya University*, Vol. 32, No. 1, January 2009, pp. 21-32.
 - **Mohamed, A.M.I.**, Minshawy, N., "Design Criterion And Performance Simulation Of Solar Steam Generation For Industrial Use In Al-Qassim Region", Submitted 7th Saudi Engineering Conference (SEC7), KSU, Riyadh, Sept. 2007, pp. 282-300.

- **Mohamed, A.M.I.**, "A Comparison Study Between Quasi Dynamic and Dynamic Methods Used for Calculating Thermal Performance of Parabolic Trough Concentrators", Proceedings of the 7th Saudi Engineering Conference, KSU, Riyadh, Sept. 2007, pp. 265-281.
- **Mohamed, A.M.I.**, Mohsen, A., and Kaddah, K.S., "Productivity assessment of El-Nasr Pilot Solar Steam Generation Plant During Commissioning Phase", Second Ain Shams University International Conference on Environmental Engineering, ASCEE2, Faculty of Engineering, April 10-12 2007, Vol. IV, pp 23-38.
- **Mohamed, A.M.I.**, Mohsen, A., and Kaddah, K.S., "El-Nasr Solar Steam Generation Pilot Plant Performance Simulation", Second Ain Shams University International Conference on Environmental Engineering, Faculty of Engineering, ASCEE2, April 10-12 2007, Vol. IV, pp 39-58.
- **Mohamed, A.M.I.**, El-Menshawy, N., and Saif, A.M., "Remediation Of Soil Contaminated With Petroleum Products Using Air Sparging With Thermal Enhancement", Journal of Environmental Management, 83, 2007, pp. 339-350.
- **Mohamed, A.M.I.**, "Flow Behavior of Liquid Falling Film on a Horizontal Rotating Tube", Experimental thermal and fluid science, 31, 2007, pp. 325-332.
- **Mohamed, A.M.I.**, and Khalaf, F., "Development of Softwares for Sand Encroachment Problem", Port-Said Engineering Research Journal, PSERJ, Volume 9, No. (1) March 2005, pp. 251- 266.
- **Mohamed, A.M.I.**, "Heat Transfer Characteristics and Enhancement of Laminar Vertical Falling Viscous Film", Port-Said Engineering Research Journal, PSERJ, Vol. 7, No. 2, Sept. 2003, pp. 479-496.
- **Mohamed, A.M.I.**, and, Habik, S., "Outdoor Air Quality Improvement From Ferries Transportations in Port-Said Suez Canal Zone", Port-Said Engineering Research Journal, PSERJ, Vol. 7, No. 2, Sept. 2003, pp. 462-478.

- **Mohamed, A.M.I.**, "Numerical Investigation of the Dynamic Performance of the Parabolic Trough Solar Collector using Different Working Fluids", Port-Said Engineering Research Journal, Vol. 7, No. 1, March 2003, pp. 102-114.
- Mikhael, N.N., Morad, K.A., and **Mohamed, A.M.I.**, Hoteaba, R.A., "Investigation of Heat Transfer and Pressure Drop for Double Tube Heat Exchanger with fluted surface", Port-Said Engineering Research Journal, Vol. 6, No. 1, March 2002, pp. 83-99.
- Mikhael, N.N., Morad, K.A., and **Mohamed, A.M.I.**, "An Experimental Study of Heat Transfer and Pressure Drop for Coiled Pipes", Port-Said Engineering Research Journal, Vol. 5, No. 1, March 2001, pp. 248-261.
- Menshawy, N., Morad, K.A., and **Mohamed, A.M.I.**, "Study of the flow, Pressure Drop, and Heat Transfer in Corrugated Ducts", Port-Said Engineering Research Journal, Vol. 4 (2), September 2000, pp. 400-420.
- Menshawy, N., Morad, K. and **Mohamed, A.**, "Dynamic behavior of CPC with flat absorber channel", Port-Said engineering research Journal , Vol. 4, No. 2, September 2000, pp. 380-399.
- Mikhael, N.N., Morad, K., and **Mohamed, A.**, "Design criterion of solar-assisted combined cycle power plants with parabolic trough concentrators", Port-Said engineering research Journal, Vol. 4, No. 1, March 2000, pp. 80-101.
- Menshawy, N., Morad, K. and **Mohamed, A.**, "A new Design of solar Collector using multi-corrugated channels", Alexandria Engineering Journal, Vol. 38, No. 6, Nov. 1999, P.P. A429-A443.
- **Mohamed, A.**, Genthner, K., Mikhael, N., Abd ElAal, F., "CaSo₄ Crystallization Fouling inside forced circulation evaporator", El-Azhar sixth international conference, Vol 2, 1997, P.P. 147-157.
- Mikhael, N.N., Abou elenien, M.A., Farag, T.M., and **Mohamed, A.M.I.**, "Dynamic behavior of flat plate solar collector", ERDA, Vol. 1, Faculty of engineering, Port-Said, 1991.

Publications Citations:

A- Google Scholar, November 2019

Citations	<i>h-index</i>	i10-index
236	7	5

B- Scopus, November 2019

Citations	<i>h-index</i>	Docs
166	6	7

C- Useful Links

Publications in the Port Said University home page

<http://staff.psu.edu.eg/aymohamed/publications>

Google scholar:

<https://scholar.google.com.eg/citations?hl=en&pli=1&user=1AS34C4AA>
[AAJ](#)

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=57194436759>

Researchgate:

https://www.researchgate.net/profile/Ayman_Mohamed

ORCID:

<http://orcid.org/0000-0003-3524-7356>

TRAINING COURSES

- مهارات العرض الفعال، ٢٥-٢٨ / ٦ / ٢٠٠٥ ، كلية التربية النوعية ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس، جمهورية مصر العربية.
- أخلاقيات و آداب المهنة، ٣-٥ / ٩ / ٢٠٠٥ ، كلية التمريض ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس، جمهورية مصر العربية.
- التعلم مدى الحياة، ١٩-٢٠ / ٦ / ٢٠٠٦ ، كلية التربية النوعية ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس، جمهورية مصر العربية.
- Academic Accreditation in Engineering, 10-14 March 2007, Quality Programs for Faculty Development, King AbdulAziz University, Jeddah, Kingdom of Saudi Arabia.
- Active Learning in Engineering and Science, 5-9-May 2007, Quality Programs for Faculty Development, King AbdulAziz University, Jeddah, Kingdom of Saudi Arabia.
- ABET Standards and Engineering Educational Benchmarks, 12-15 May 2007, Quality Programs for Faculty Development, King AbdulAziz University, Jeddah, Kingdom of Saudi Arabia.
- Human Rights Basics I Training Course, September 9-11, 2008, International Human Rights Law Outreach Program, School of Continuing Education, The American University in Cairo, EGYPT.
- Human Rights Basics II Training Course, September 24-28, 2008, International Human Rights Law Outreach Program, School of Continuing Education, The American University in Cairo, EGYPT.
- دورة الساعات المعتمدة، ٧-٩ / ٤ / ٢٠٠٨ ، كلية الهندسة ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس، جمهورية مصر العربية.

- دورة توكيد الجوده و الأعتاماد، ٢٠-٢٢ / ٤ / ٢٠٠٨ ، كلية التمريض ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس، جمهورية مصر العربية.
- دورة تنظيم المؤتمرات العلميه، ٨-١٠ / ٧ / ٢٠٠٨ ، وحدة التطوير فرع الجامعه ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس، جمهورية مصر العربية.
- دورة المراجعون الخارجيون لمؤسسات التعليم العالى، ١-٥ فبراير ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- دورة التخطيط الأستراتيجى لمؤسسات التعليم العالى، ١١-١٢ فبراير ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- دورة المراجعون الخارجيون لمؤسسات التعليم قبل الجامعى ، ٢٨ فبراير – ٤ مارس ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- دورة نظم المعلومات لمؤسسات التعليم العالى، ٥ مارس ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- دورة نظم المعلومات لمؤسسات التعليم قبل الجامعى، ٦ مارس ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- دوره المتقدمه للمراجعين الخارجيين للتعليم قبل الجامعى – نماذج المحاكاه، ٢ – ٥ مايو ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- دوره المتقدمه للمراجعين الخارجيين للتعليم العالى – نماذج المحاكاه، ٩ – ١٢ مايو ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.
- التعلم الفعال لمؤسسات التعليم العالى، ٤ – ٦ يوليو ٢٠٠٩ ، الهيئه القوميه لضمان جودة التعليم و الأعتاماد (NAQAAE)، جمهورية مصر العربية.

- تقييم نواتج التعلم لمؤسسات التعليم العالي، ٧ - ٨ يوليو ٢٠٠٩، الهيئة القومية لضمان جودة التعليم و الأعتاماد (NAQAEE)، جمهورية مصر العربيه.
- دورة تدريب المدربين (TOT) ، ٢٠ - ٢٥ مايو ٢٠١٠ ، وحدة التطوير فرع الجامعه ببورسعيد، مشروع تنمية قدرات أعضاء هيئة التدريس، (FLDP)، جامعة قناة السويس ، جمهورية مصر العربيه.

SUPERVISION OF THESIS AND DISSERTATION

S.N.	Title of theses or dissertation	Degree Awarded	Author
1	Heat Transfer and Pressure Drop for Double Tube Heat Exchanger with fluted surface.	Master, 2001	Eng. Rasheid Hotteiba
2	Hot Air Sparging of Soil Contaminated with Petroleum Oil.	Master, 2004	Eng. Amany Saif
3	The performance of solar-assisted combined cycle power plants under part load condition	Master, 2006	Eng. Mohamed Gaber
4	Experimental and numerical study of the heat transfer and fluid flow inside ribbed corrugated passages	Ph.D., 2008	Eng. Rashid Hotteiba
5	Control of Aeolian Sand Transport using Constant and Variable Porosity Wind Fences	Ph.D., 2011	Eng. Amany Saif
6	A Comparative Study of Integrated Coal Gasification Combined – Cycle Power Plants (ICGCC) with Kalina Cycle	Master, 2013	Eng. Mostafa Okily
7	Simulation Study of Screw Micro Pumps Design and Performance	Master, 2014	Eng. Alaa Ezzat
8	Effect of Rotation on Heat transfer inside tubes	Ph.D., 2017	Eng. Reyam Mahfoz
9	Performance and characteristics study of hybrid desalination system driven by solar energy	Master, 2017	Eng. Asmaa Rashid
10	Enhancement of Solar Still Performance and Productivity	Master, 2018	Eng. Islam Amin

ACADEMIC REVIEWING ACTIVITIES

A. Scientific International Journals Reviewer

S.N.	Journal	Number of assignments	Publisher	Journal Class, Clar.
1	Desalination	39	Elsevier, LTD	Q1
2	Heat and mass Transfer	22	Springer	Q2
3	Applied Energy	2	Elsevier, LTD	Q1
4	Desalination and Water Treatment	3	Taylor and Francis	Q3
5	Energy Conversion and Management	3	Elsevier, LTD	Q1
6	Experimental Thermal and Fluid Science	9	Elsevier, LTD	Q1
7	Journal of Hazardous Materials	1	Elsevier, LTD	Q2
8	Solar Energy	4	Elsevier, LTD	Q1
9	Energy	12	Elsevier, LTD	Q2
10	Polish journal of environmental studies	1	Poland	-
11	Environmental Engineering and Management Journal	1	Romnia	-

Date : November 2019

B. Reviewer in the Supreme Council of the Egyptian Universities, 2012 to present.

C. Reviewer in the Research, Development and Innovation Program (RDI), Share between the European Commission (EC) and the Egyptian Scientific Research Academy, STD and ASRT

D. Scientific Thesis Reviewer

S.N.	Title of theses or dissertation	Degree Awarded	Author
1	Hot Air Sparing of Soil Contaminated with Petroleum Oil, <i>Suez Canal University</i> .	Master, 2004	Eng. Amany Saif
2	The performance of solar–assisted combined cycle power plants under part load condition, <i>Suez Canal University</i> .	Master, 2006	Eng. Mohamed Gaber
3	Control of Aeolian Sand Transport using Constant and Variable Porosity Wind Fences, <i>Port Said University</i> .	Ph.D., 2011	Eng, Amany Saif
4	A Comparative Study of Integrated Coal Gasification Combined – Cycle Power Plants (ICGCC) with Kalina Cycle, <i>Port Said University</i> .	Master, 2013	Eng. Mostafa Okily
5	Simulation Study of Screw Micro Pumps Design and Performance, <i>Port Said University</i> .	Master, 2014	Eng. Alaa Ezzat
6	A Study of Heat Pipes Heat Exchanger for Air-Conditioning Applications, <i>Suez University</i> .	Master 2015	Ibraheim Elkhaldy
7	Dynamic Modeling of Thermosiphon Solar Water Heaters Performance, <i>Cairo University</i> .	Master 2016	Eng. Ahmed Hafez
8	Theoretical and Experimental Investigation on a Conical Solar Still Performance, <i>Mansoura University</i> .	Ph.D., 2016	Eng. Khaled M. Ramzy
9	Optimum Design of Heliostat Unit, <i>Military Technical Collage</i> .	Ph.D., 2016	Eng. Mohamed Moustafa
10	Study of Heat Transfer Enhancement for High Viscous Fluids Flowing inside Rotating Tubes, <i>Port Said University</i>	Ph.D., 2017	Eng. Reyam Mahfoz
11	Performance and characteristics study of hybrid desalination system driven by solar energy, <i>Port Said University</i> .	Master, 2017	Eng. Asmaa Rashid
12	Enhancement of Solar Still Performance and Productivity, <i>Port Said University</i> .	Master, 2017	Eng. Islam AbdelAziz
13	Design and Computational Fluid Dynamics Simulation of Solar Stirling Engine, <i>Port Said University</i>	Ph.D. 2018	Eng. Sherihan AbdElghafour
14	Experimental Study for the Effects of Sprayers	Master,	Ragab

S.N.	Title of theses or dissertation	Degree Awarded	Author
	Dimensions and Packing on the Performance of Cooling Tower, <i>Suez University</i> .	2019	Megahed
15	Feasibility Study of Seawater Desalination at Low Temperature, <i>Menoufyia University</i>	Master, 2019	Eng. Mahmoud Mahrous

E. Scientific Local Journals Reviewer

- Port Said Scientific Research Journal, (PSREJ)
- Faculty of Engineering for Petroleum and mining at Suez University Scientific Journal.
- Engineering Research Journal at Shbin Elkoum Faculty of Engineering.
- International Journal For Engineering Science and Technology, Zagazig University.
- Engineering Research Journal at Faculty of Engineering, Mansoura University.

F. Research projects

- Research, Development and Innovation Programme (ENPI/2010/21866), RDI Programme (Phase II), For the Assessment of Scheme1 Concept Notes, Call for Proposals: EuropeAid/127054/C/SER/multi, 8-10 July 2012.
- STDF Reviewer.
- ASRT, Scientific call No. 1 and 2 , 2017 and 2019, Ministry of Higher education, Egypt.

G. Honorary Journal member

- Honorary member in "Air Soil and water Research Journal" Editorial Board, Liberats Academica, October 2008 till present.

CONFERNCES AND WORKSHOPS

- 1- Al-Azhar Engineering Fifth International Conference, December, 19-22, 1997.
- 2- Alexandria Desalination Society, ADST, Desalination Technology workshop, 19-21 July 1999, Alexandria, Egypt.
- 3- The Third International Conference on Engineering Research, Port-Said, November 9-11, 1999.
- 4- Work shop of " Solid Waste Management ", EELF, 12-14 Dec. 2000, Port-Said, EGYPT.
- 5- Work Shop of " Study of Environmental Impact – Theory and Applications ", EELF, 21-23 Feb. 2001, Port-Said, EGYPT.
- 6- Seminar of "Mathematical Modeling and Remote Sensing for Environmental Applications", National Authority for Remote Sensing & Space Sciences, NARS, July 2002, Cairo, EGYPT.
- 7- The Nineteenth International Conference for Energy Systems, Faculty of Engineering, Suez Canal University, 13-15 Decemebr 2005, Port-Said, Egypt.
- ٨- المشاركة فى ورشة عمل عن " منظومة جوده التعليم فى جامعة قناة السويس " – جامعة قناة السويس – ١٠ يناير ٢٠٠٦ – الأسماعيلية – جمهورية مصر العربية.
- 9- Workshop of " Academic Accreditation in Engineering ", Quality Program for Faculty Development, King AdulAziz University, Jeddah, Saudi Arabia, 10-14 March 2007.
- 10- Workshop of " ABET Academic Standard for Engineering ", Quality Program for Faculty Development, King AdulAziz University, Jeddah, Saudi Arabia, 5-9 May 2007.
- 11- Workshop of " Active learning in Engineering and Sceince ", Quality Program for Faculty Development, King AdulAziz University, Jeddah, Saudi Arabia, 2-5 April 2007.
- 12- Second Ain Shams University International Conference on Environmental Engineering, ASCEE2, Faculty of Engineering, April 10-12 2007, Cairo, Egypt.
- 13- 7th Saudi Engineering Conference (SEC7), KSU, 11-14 Sept. 2007, Riyadh, Kingdom of Saudi Arabia.

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- 14- Work Shop "Sustainable Energy Building", Faculty of environmental engineering, KAU, 28-29 November 2007, Jedaah, Kingdom of Saudi Arabia.
- 15- Workshop of " Renewable Energy Applications ", College of Engineering, King Fahd University, Eldamam, Saudi Arabia, 11-12 October 2008.
- ١٦- المؤتمر الدولي الأول للهيئة القومية لضمان جودة التعليم والإعتماد - المعايير القياسية والطريق نحو الجودة والإعتماد بالتعاون مع المجلس الثقافى البريطانى فى مصر بقاعة المؤتمرات بجامعة القاهرة تحت رعاية أ.د. رئيس الوزراء ٢١ - ٢٢ يونيو ٢٠٠٨ .
- ١٧- المشاركة فى ورشة عمل عن " تطوير التعليم الهندسى " جامعة القاهرة " ١١/٢٠٠٩ .
- 18- Workshop " Development and Discussion of Natural Gas Engineering Program ", Faculty of Engineering at Port-Said, Suez Canal University, Port-Said, Egypt, 11 January 2010.
- ١٩- مجموعة ورش عمل لمشروع تكامل الجامعة والصناعة والخاصة بمجالات التعاون لتطوير وتحديث الصناعات والأنشطة المختلفة بمنطقة القناة وسيناء من خلال برنامج البحوث والتنمية والإبتكار بالتعاون مع الإتحاد الأوروبى (RDI) - يناير : مارس ٢٠١٠ .
- ٢٠- ورشة عمل لدراسة تقييم الآثار البيئية لمشروع إنشاء و تخطيط منطقة صناعية بغرب بورسعيد - أكتوبر ٢٠١٠ .
- ٢١- ندوة عامة للطلاب بعنوان " مفهوم وتقنيات ترشيد الأستهلاك " - نادى العلوم - جامعة بورسعيد - أكتوبر ٢٠١٠ .
- 22- Tenth International Congress of Fluid Dynamics, ASME – Cairo University, December 16-19, 2010, Stella Di Mare Sea Club Hotel, Ain Soukhna, Red Sea, Egypt.
- 23- Port-Said Engineering Day, PSED 2011, Faculty of Engineering, Port-Said University, Port-Said, Egypt, 21 November 2011.
- ٢٤- ندوة عامة للطلاب بعنوان " مفهوم وتقنيات تصميم السيره الذاتيه والمقابلات الشخصية " - نادى العلوم - جامعة بورسعيد - مايو ٢٠١١ .
- 25- Port-Said Engineering Day, PSED 2012, Faculty of Engineering, Port-Said University, Port-Said, Egypt, 6 November 2012.

٢٦- ورشة عمل لدراسة تقييم الآثار البيئية لمشروع نقل وإنشاء وتشغيل منطقة محارق النفايات الطبية التابعه لمديرية الشئون الصحية ببورسعيد بالمدفن الصحى بجنوب بورسعيد – نوفمبر ٢٠١٣

27- Port-Said Engineering Day, PSED 2013, Faculty of Engineering, Port-Said University, Port-Said, Egypt, 25 November 2013.

28- Eleventh International Congress of Fluid Dynamics, ASME – Cairo University, December 19-21, 2013, Alexandria, Egypt.

٢٩- ندوة عامة للطلاب بعنوان " التلوث الضوضائى وآثارها السلبية وكيفية التحكم بها " – نادى العلوم – جامعة بورسعيد – مارس ٢٠١٤

٣٠- ورشة عمل "جودة أداء التعليم الهندسي الخاص - بداية الطريق نحو الاعتماد" - ١٢ ابريل ٢٠١٤ - القاعة الكبرى بالنادي الاجتماعي بكلية الهندسة – جامعة القاهرة (تحت رعاية الأستاذ الدكتور/ وائل الدجوى – وزير التعليم العالي والبحث العلمي).

٣١- ورشة عمل بعنوان "نحو نقلة نوعية فى التعليم العالى" ٢٥ مايو ٢٠١٥ بقاعة الأحتفالات الكبرى بجامعة القاهرة ، تنظمها الهيئة القومية لضمان جودة التعليم والأعتماد بالتعاون مع وزارة التعليم العالى – تحت رعاية وحضور معالى رئيس مجلس الوزراء – المهندس/ إبراهيم محلب.

٣٢- ندوة بعنوان "مشروع تطوير وحماية شاطئ بورسعيد" ١٧ أغسطس ٢٠١٥ – قاعة المجلس التنفيذي بديوان عام محافظة بورسعيد – تنظمها محافظة بورسعيد.

٣٣- ورشة عمل بعنوان " مشاركة الخبرات وتدعيم الشراكة بين الجامعات المصرية والبريطانية" ١٦ و ١٧ سبتمبر ٢٠١٥ – فندق النيل هيلتون الزمالك ، القاهرة ، مصر – ينظمها المجلس الثقافى البريطانى بالتعاون مع المجلس الأعلى للجامعات المصرية.

٣٤- ورشة عمل بعنوان "حوافز البحث والتنمية والأبتكار" ١٤ ديسمبر ٢٠١٥ بقاعة المؤتمرات الكبرى بأتحاد الصناعات المصرى – وتنظم الندوة وزارة التعليم العالى والبحث العلمى المصرية بالتعاون مع اتحاد الصناعات المصرية ومكتب اليونسكو الإقليمى بالقاهرة.

٣٥-المنتدى الوزارى العربى الأول للأسكان والتنمية الحضارية ٢٠-٢٢ ديسمبر ٢٠١٥
بفندق فيرمونت هليوبوليس بالقاهرة ، مصر – تنظمها وزارة الإسكان والمرافق
والمجتمعات العمرانية ، مصر بالتعاون مع مجلس وزراء الإسكان والتعمير العرب
بجامعة الدول العربية.

COOPERATION INSTITUTES AND AUTHORITIES

- Heat and mass Transfer and Thermodynamics Institute, Bremen University, Bremen, Germany.
- Energy and studies research center, faculty of engineering, Suez Canal University, Port-Said, Egypt.
- Center of public service for, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said, Egypt
- Public Service Center for Training and Studies, Faculty of Education, Suez Canal University, Port-Said, Egypt.
- Mechanical Power Unit, Center of engineering service, Faculty of Engineering, Ain-Shams University, Egypt.
- Egyptian Environmental Affair Authority (EEAA), Cairo, Egypt.
- National Authority for Remote Sensing and Space Technology, NARS, Cairo, Egypt.
- Mechanical Institute, Ministry of water resources and irrigation, Cairo, Egypt.
- Inspection Authority for Export and Import, Port-Said Custom, Port-Said, Egypt.
- Egypt Envirocon Consultant Company, Port-Said, Egypt.
- Research Valley, Qassim University, Al-Qassim, Kingdom of Saudi Arabia.
- Energy 2050 department, Faculty of Engineering, Sheffield University, UK.
- Mechanical Department, Faculty of Engineering, Leeds University, UK.

INTERESTS AND HOBBIES

- Public Communications and services
- Reading
- Traveling
- Sport

PROFESSIONAL MEMBERSHIPS

- Middle east desalination research center, MEDRC, Muscat, Oman
- Energy and studies research center, faculty of engineering, Suez Canal University, Port-Said.
- Port-Said Engineering Association, Port-Said.
- Center of public service for, planning and studies, Faculty of Engineering, Suez Canal University, Port-Said,
- Public Service Center for Training and Studies, Faculty of Education, Suez Canal University, Port-Said.
- Egyptian Engineering syndicate, Egypt.