

*Short Curriculum Vitae*  
*Prof. Dr. Ahmed Farouk Abdel Gawad*

*Updated February 2016*



1. Professor of Computational Fluid Mechanics, Mechanical Power Engineering Department, Faculty of Engineering, Zagazig University, Zagazig, Egypt.
2. Ph.D.: Mechanical Power Eng. Dept., Faculty of Eng., Zagazig University, Zagazig, EGYPT, September, 1998. Channel system: Virginia Polytechnique Institute & State University, Blacksburg, Virginia, USA.
3. Fellow: International Energy Foundation (IEF), Melbourne, Australia.
4. Associate Fellow: American Institute of Aeronautics and Astronautics (AIAA).
5. Member: American Society of Mechanical Engineers (ASME), American Chemical Society (ACS), Society for Industrial and Applied Mathematics (SIAM), The American Association for the Advancement of Science (AAAS).
6. Biographee: Marquis Who's Who, USA: Emerging Leaders, In Science and Engineering, In the World. International Biographical Centre (IBC), Cambridge, England. The American Biographical Institute (ABI), USA.
7. Evaluator in the Egyptian national scientific committee of "Mechanical Power Engineering, Motor Vehicles, and Aviation "for the promotion of Faculty

Members to the degree of Professor and Associate Professor, Eleventh round, Jan. 2013-Dec. 2015.

8. General Conference secretary, Twelfth International Conference of Fluid Dynamics (ICFD12)", 2016, Egypt.

9. General Coordinator, Session Chairman, "Eighth, Ninth, Tenth, Eleventh International Congress of Fluid Dynamics (ICFD8-9-10-11)", 2006, 2008, 2010, 2013, Egypt. The conference is co-organized by American Society of Mechanical Engineers (ASME) and Egyptian Universities.

10. Reviewer:(102 Journal papers, 42 Conference papers, 20 Research Projects)  
-Journals:

Journal of Electronic Packaging. Journal of Heat Transfer. Journal of Fluids Engineering. *CJA*. Computers & Fluids. *IJESMS*. *UQU-UJEA*. *JEPE*. *TCMS*. *CRJEGS*. *IJNMHFF*. *AJER*. *AJME*. *JSRS*. *IAJC*. *IRJPEH*. *IBME*. *JEPS*. *AJMS*. *AJCEA*. *AJEE*. AASCIT Energy. Engineering and Technology. *IJESE*. *IJME*. PENCIL Academic Press. Greener Journals. Applied Mathematics

◇ Evaluator of Research Projects submitted for funding at "King Abdulaziz University in Jeddah (*KAU*)", Saudi Arabia, Academic years 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016.

3. Manager of the project "Automation of Zagazig University Libraries", Project Management Unit (PMU), Supreme Council of Universities, Egypt from May 2007 to April 2009.

4. Member of the evaluation committee of "Nahdet El Mahrousa's Young Innovators' Awards (*YIA*) program", Egypt.

5. Partner and member of research projects:

"An Investigation of the Initiation, Maintenance and Stability of the Halocline underlying the Operation of Solar Ponds: Application to the Construction and Operation of an Experimental Solar Pond", May 2013-till now. "Development of an Industry-Linked Mechatronics Program with Training of Trainers (*DIMPTOT*)", finished 2008. "Computer-Based Expert System for Gas Reforming and Turbomachinery Utilities - Operation and Preventive and Predictive Maintenance", (Finished Sept. 1, 2002). "Optimum Design of

Hydrofoil Systems", from July 1999 to September 1999. "Nonlinear Active Control of Dynamic Systems", from January 1997 to April 1998.

6. Seventy-nine published Papers in international journals and conferences.
7. Citation in many International Text Books, Ph.D. Dissertations, M.Sc. Thesis, Journals, Conferences and Technical Reports.
8. Twenty-Four Conferences and Twenty-Nine Workshops attended.
9. Supervision of Four Ph.D. Dissertations (3 finished). Twelve M.Sc. Thesis (9 finished). Forty-Two B.Sc. Graduation Projects.
10. Member of two teams of Six Patents (USA, Canada, Japan).
11. Member of the Editorial Board:  
*UQU-UJEA, JEPE, AJAE, CRJMBS, SJET, TCMS, AJER, IAJC, SJEE, TJEPS, IJCAER, JEPS, AJAE, AJEE, AASCIT, IJESE, AJRSE, PJEMT.*