


Curriculum Vitae

Name	Waleed Ahmed Abdel-Fadeel Abdel-Rahman	
Academic Grade	Ph. D. (Mechanical Power Engineering)	
Profession	Assistant Professor	
Date & Place of Birth	19/10/1969 – Souhag, Egypt	
Sex	Male	
Nationality	Egyptian	
Marital Status	Married	
Languages	Arabic (Native) - English (Very good)	
TEL	+20 - 97 - 3481234 (Work) , +20 – 1142951507 (Mobile)	
FAX.	+20 - 97 - 3481235	
Mail Box	Faculty of Energy Engineering– Aswan University - Aswan – Egypt.	
E-mail	wfadeel@yahoo.com	

Education

July 1992	Bachelor of Science (B.Sc.), Mechanical Engineering, Faculty of Engineering, Cairo University
April 1999	Master of Science (M.Sc.), Mechanical Power Engineering, Faculty of Engineering, Cairo University Title of the Thesis “Computation of the Flow in S-shaped Diffusing Ducts”.
August 2005 Japan (May 2001– May 2003)	Doctor of Philosophy (Ph.D.), Mechanical Power Engineering, Supervision of Faculty of Engineering- Gunma university-Japan and Faculty of Engineering Cairo university- Egypt. Title of the Thesis “Experimental and Theoretical Investigation of the Turbulent Free Jet, Particle-Laden Flows”.

Professional Positions

June 1993 – August 1999	Demonstrator, Mechanical Power Department, High Institute of Energy, Aswan.
August 1999 – November 2005	Assistant Lecturer, Mechanical Power Department, High Institute of Energy, Aswan.
November 2005	Assistant Professor (Lecturer), Mechanical Power Department, High Institute of Energy, Aswan.
January 2007 – October 2010	Member of Quality Assurance and Accreditation Unit, High Institute of Energy, Aswan.
January – November 2008	Vice-Dean for Post Graduate Studies and Research, High Institute of Energy, Aswan.
February 2008 – August 2009	General Supervisor of the Transportation Department, South Valley University, Aswan Branch.
March 2008	Vice Director of Quality Assurance and Accreditation Project (QAAP2), High Institute of Energy, Aswan.
June 2009 – December 2009	Vice-Dean for undergraduate affairs, High Institute of Energy, Aswan.
October 2010 – Till now	Director of Quality Assurance and Accreditation Unit, Faculty of Energy Engineering, Aswan.
September 2012 – March 2013	General Supervisor of the Transportation Department, Aswan University.

Experiences & workshops

August 13 - September 1st, 1994	Passed the Educational Program with Distinction grade, Ministry of Higher Education.
October 29–30, 1995	Attended a training course on: Case Studies in Energy Management, Energy Conservation & Environment Project, Federation of Egyptian Industries.
1995-1997	Trainer on computer science and information technology centre, Aswan Governorate.

November 27 – December 2nd , 1999	Attend a Training Program on: Leadership, Institute of Leadership in Helwan, Ministry of Higher Education.
November 18-22, 2000	Attended a training course on: Laser Diagnostics of Combustion Processes, Industrial Development Organization, United Nations, Cairo, Egypt.
2006-2007	Passed the training programs on “Management of Scientific Research” “Credit Hours” “Development of Management skills” “Using Technology in Teaching” “Teaching Evaluation”, Faculty and Leadership Development Project, South Valley University.
November 11-16, 2006	Completed the E-content course successfully, Microsoft, Egypt.
May 19-23, 2007	Completed the training program on “Training of Trainers (TOT)” successfully, Pathways to Higher Education Project, Aswan.
June, 2007	Member of a technical committee investigated in the accident of firing the answered papers of the general high school exam, Kom Umbo, Aswan.
June, 2007	Trainer on “Pathways to Higher Education Project”.
May, 2008	Member of a technical committee investigated in the technical condition of the ship owned by the High Dam Authority, Aswan.
November 10-11, 2008	Attended the program on “ Science Year Follow up event”, German Academic Exchange Service (DAAD), Conference Center, Cairo University.
November 12-13, 2008	Attended the program on “ Germany Alumni Fair”, German Academic Exchange Service (DAAD), Conference Center, Cairo University.
December 28-31, 2008	Attended the 1 st international conference of energy engineering (ICEE-1) and participated as a member of the organization committee, Aswan, Egypt.
February 8-10, 2010	Attended the workshop for “ Program Assessment Leaders” American Authority for Leadership and Quality Assurance in Applied Science, Computing Engineering and Technology Education (ABET) cooperation with National Authority for Quality Assurance Accreditation of Education, Cairo.
March 14-18, 2010	Completed the training program on “Self evaluation for higher education” (Training program for external reviewer) National Authority for Quality Assurance Accreditation of Education, Aswan.

April 11-15, 2010	Completed the training program on “External reviewer for higher education” (Training program for external reviewer) National Authority for Quality Assurance Accreditation of Education, Aswan.
December 27-29, 2010	Attended the 2 nd international conference of energy engineering (ICEE-2) and participated as a member of the organization committee, General secretary of, Aswan, Egypt.
December 27-29, 2010	General secretary of the 2 nd international conference of energy engineering (ICEE-2), Aswan, Egypt.
May, 2012	Reviewer of international journals of “ Energy and buildings” and “ Building and Environment”

List of Publications:

- 1- Youssef, I. M., Arai, T., **Abdel-Fadeel, W. A.**, Iizuka, A., Ishima, T., Obokata, T. "Flow dynamics in a gas-solid two-phase jet by means a Phase Doppler anemometer" 11th international symposium on applications of laser techniques to fluid mechanics, 8-11 July, Lisboa, Portugal, 2002.
<http://tces.dem.ist.utl.pt/lxaser/lxaser2002/abs.html>
- 2- Arai, T., Kudo, N., Ishima, T., Youssef, I. M., Obokata, T., and **Abdel-Fadeel, W. A.** "Turbulence structure of a liquid-solid two-phase jet by means of Laser techniques" 8th international symposium on liquid-solid flows, ASME Fluids Engineering Division, 6-10 July, paper No. FEDSM2003-45495 pp. 847-853. Honolulu, Hawaii, USA, 2003.
<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1582364>
- 3- Ishima, T., Yokota, M., Arai, T., Youssef, I. M., **Abdel-Fadeel, W. A.**, and Obokata, T. "Particle motion in water-particle, gas-particle and gas-droplet two-phase flows" CD-Rom proceedings of 16th international symposium on transport phenomena, Aug. 29 - Sep. 1, paper No. 116. Prague, Czech Rep, 2005.
- 4- Aissa, W. A., Eissa, M. S., **Abdel-Fadeel, W. A.**, and Mohamed, I. K. "Experimental and numerical study of low aspect ratio asymmetric diffuser" 2nd international conference, recent advances in experimental fluid mechanics, (RAEFM 2008), Vijayawada, Andhra Pradesh, India, 2008.

- 4- Aissa, W. A., Eissa, M. S., **Abdel-Fadeel, W. A.**, and Mohamed, I. K., 2008 "Experimental and numerical study of low aspect ratio asymmetric diffuser" Journal of engineering sciences, Assiut university, Vol. 37, No. 2, pp. 363-374, March 2009.
- 5- **Abdel-Fadeel, W. A.**, Serag-Eldin, M. A., and Mohamed, H. S. "An empirical correlation for particle mean velocity in the near field air jet" 2nd international conference of energy engineering (ICEE-2) , Aswan, Egypt, 2010.
- 6- Abdel-Hady, S. M., Hassanein, S. A., **Abdel-Fadeel, W. A.** and Abdel-Mohsen, H. S. "Experimental analysis of energy recovery for humidity control in split A/C system" Energy and Buildings 43 (2011) 3053–3058, 2010.
<http://www.sciencedirect.com/science/article/pii/S0378778811003318>
- 7- **Abdel-Fadeel, W. A.** and Hassanein, S. A. "Experiments and calculations of the room temperature affected by a direct evaporative cooler during hot and dry climate." Assiut university, Vol. 40, No. 3, pp. 723-730, May 2012.
- 8- **Abdel-Fadeel, W. A.** and Hassanein, S. A. "Calculations of the outlet air conditions in the direct evaporative cooler" Journal of engineering sciences, Assiut university, Vol. 40, No. 5, pp. 1351-1358, September 2012.
- 9- Hassanein A. S. and **Abdel-Fadeel W. A.** "Improvement of natural ventilation in building using multi solar chimneys at different directions" Journal of engineering sciences, Assiut university, Vol. 40, No. 6, pp. 1661-1677, November 2012.
- 10- **Abdel-Fadeel W. A.** and Hassanein S. A. "Temperature variations, inside a parked car in hot and dry climates" International Journal of Automobile Engineering Research & Development (IJAuERD), Vol. 3, No. 1, pp. 75-80, March 2013.
http://www.tjprc.org/view_archives.php?year=2013&id=23&jtype=2&page=2
- 11- Hassanein S. A., Osman O. K. and **Abdel-Fadeel W. A.** "An experimental investigation of temperature distribution in different urban locations in Aswan, Egypt of hot and dry climate" International Journal of Computational Water, Energy, and Environmental Engineering (CWEEE), Vol. , No. , pp. , April 2013.
- 12- **Abdel-Fadeel W. A.** "Indirect Evaporative Cooling Availability and Thermal Effectiveness Characteristics in Air-Water Systems of Hot and Dry Climates" International Journal of Engineering & Technology (IJET/IJENS), Vol. 13, No. 2, pp. , April 2013.

Thesis's Supervision:

- 1- M. Sc. Thesis “An experimental analysis of energy recovery for humidity control in an air conditioning system” approved in 24/11/2010, Faculty of Energy Engineering, Aswan University.