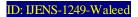
# **Curriculum Vitae**

Name	Waleed Ahmed Abdel-Fadeel Abdel-Rahman
Academic Grade	Ph. D. (Mechanical Power Engineering)
Profession	Assistant Professor
Date & Place of	19/10/1969 – Souhag, Egypt
Birth	19/10/1909 Sounds, Egypt
Sex	Male
Nationality	Egyptian
Marital Status	Married
Languages	Arabic (Native) - English (Very good)
TEL	+20 - 97 - 3481234 (Work), +20 - 1142951507 (Mobile)
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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	
	Master of Science (M.Sc.), Mechanical Power Engineering, Faculty of	
April 1999	Engineering, Cairo University	
	Title of the Thesis "Computation of the Flow in S-shaped Diffusing Ducts".	
August 2005	Doctor of Philosophy (Ph.D.), Mechanical Power Engineering, Supervision	
	of Faculty of Engineering- Gunma university-Japan and Faculty of	
Japan (May 2001–	Engineering Cairo university- Egypt.	
May 2003)	Title of the Thesis "Experimental and Theoretical Investigation of the	
	Turbulent Free Jet, Particle-Laden Flows".	



#### **Professional Positions**

T 1002 A 4 1000	Demonstrator, Mechanical Power Department, High Institute of
June 1993 – August 1999	Energy, Aswan.
August 1999 – November 2005	Assistant Lecturer, Mechanical Power Department, High
August 1999 – November 2003	Institute of Energy, Aswan.
November 2005	Assistant Professor (Lecturer), Mechanical Power Department,
November 2003	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 -	Passed the Educational Program with Distinction grade, Ministry of Higher	
September 1 <sup>st</sup> , 1994	Education.	
October 29–30,	Attended a training course on: Case Studies in Energy Management, Energy	
1995	Conservation & Environment Project, Federation of Egyptian Industries.	
1995-1997	Trainer on computer science and information technology centre, Aswan	
	Governorate.	

November 27 –	Attend a Training Program on: Leadership, Institute of Leadership in Helwan,
December 2 <sup>nd</sup> , 1999	Ministry of Higher Education.
November 18-22,	Attended a training course on: Laser Diagnostics of Combustion Processes,
2000	Industrial Development Organization, United Nations, Cairo, Egypt.
	Passed the training programs on "Management of Scientific Research" "Credit
	Hours" "Development of Management skills" "Using Technology in Teaching" "
2006-2007	Teaching Evaluation", Faculty and Leadership Development Project, South
	Valley University.
November 11-16,	Completed the E-content course successfully, Microsoft, Egypt.
2006	
Mar. 10 22 2007	Completed the training program on "Training of Trainers (TOT)" successfully,
May 19-23, 2007	Pathways to Higher Education Project, Aswan.
I 2007	Member of a technical committee investigated in the accident of firing the
June, 2007	answered papers of the general high school exam, Kom Umbo, Aswan.
June, 2007	Trainer on "Pathways to Higher Education Project".
M 2009	Member of a technical committee investigated in the technical condition of the
May, 2008	ship owned by the High Dam Authority, Aswan.
November 10-11,	Attended the program on "Science Year Follow up event", German Academic
2008	Exchange Service (DAAD), Conference Center, Cairo University.
November 12-13,	Attended the program on "Germany Alumni Fair", German Academic Exchange
2008	Service (DAAD), Conference Center, Cairo University.
December 28-31,	Attended the 1st international conference of energy engineering (ICEE-1) and
2008	participated as a member of the organization committee, Aswan, Egypt.
	Attended the workshop for "Program Assessment Leaders" American Authority
February 8-10, 2010	for Leadership and Quality Assurance in Applied Science, Computing
repruary 8-10, 2010	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,	Attended the 2 <sup>nd</sup> international conference of energy engineering (ICEE-2) and
2010	participated as a member of the organization committee, General secretary of,
2010	Aswan, Egypt.
December 27-29,	General secretary of the 2 <sup>nd</sup> international conference of energy engineering
2010	(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" 11<sup>th</sup> international symposium on applications of laser techniques to fluid mechanics, 8-11 July, Lisboa, Portugal, 2002.
  - http://ltces.dem.ist.utl.pt/lxlaser/lxlaser2002/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" 8<sup>th</sup> 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 16<sup>th</sup> 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" 2<sup>nd</sup> international conference, recent advances in experimental fluid mechanics, (RAEFM 2008), Vijayawada, Andhra Pradesh, India, 2008.

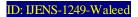
- 4'- Aissa, W. A., Eissa, M. S., **Abdel-Fadeel, W. A.**, and Mohamed, I. K., 2008 "Experimental and numerical study of low aspect ratio asymmetric diffuser" Journal of engineering sciences, Assiut university, Vol. 37, No. 2, pp. 363-374, March 2009.
- 5- Abdel-Fadeel, W. A., Serag-Eldin, M. A., and Mohamed, H. S. "An empirical correlation for particle mean velocity in the near field air jet" 2<sup>nd</sup> 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.