

## CERRICULUM VITA

### Soubhi Ali Hassanein, PhD

<b>PERSONAL DETAILS</b>		
<b>NAME:</b>		<b>Soubhi Ali Hassanein</b>
<b>DATE OF BIRTH:</b>		6 <sup>th</sup> of Sept., 1965
<b>MARTIAL STATUS:</b>		Married with 6 children
<b>NATIONALITY:</b>		Egyptian
<b>POSITION:</b>	<b>Currently</b>	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt
<b>PLACE OF WORK:</b>		Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt
<b>CONTACTS</b>	<b>H.P</b>	<b>002-086-561-998 , 002-01229625670</b>
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<b>E-MAIL</b>		<b>Soubhi_a@yahoo.com</b>
<b>LANGUAGES</b>		English (very good), Arabic (native)



<b>ACADEMIC BACKGROUND</b>			
Degree and Major Field	Institution	Period	
		From	To
Assistant professor	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt	<b>1-1-2010</b>	<b>Up to date</b>
<b>Department chair</b>	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt	<b>1-1-2009</b>	<b>1-1-2010</b>
Assistant professor	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt	<b>10-7-2005</b>	<b>1-1-2009</b>
Postdoctoral fellow	Post Doctor Scalar ship at Chonbuk National University (South Korea)	May 17 2005	July 10

			2005
Postdoctoral fellow	Post Doctor Scalar ship at KAIST (South Korea)	Feb 12 2004	Feb 11 2005
Ph. D. Degree in Mechanical engineering	Mechanical Power and Energy Engineering Dept., Faculty of Engineering, Minia Univ., Egypt	<b>1999</b>	<b>2002</b>
M. Sc. Mechanical Engineering,	Mechanical Power and Energy Engineering Dept., Faculty of Engineering, Minia Univ.,	<b>1993</b>	1996
B. Sc. (Very Good Degree)	Mechanical power and energy Dept., Faculty of Engineering, Minia Univ., Minia, Egypt	<b>1984</b>	<b>1988</b>

### EMPLOYMENT BACKGROUND

Position	Institution	Period	
		From	To
Assistant professor	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt	2005	Up to date
Lecturer and Researcher	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt	2002	2005
<b>Postdoctoral fellow</b>	Post Doctor Scalar ship at Chonbuk National University (South Korea)	May 17 2005	July 10 2005
<b>Postdoctoral fellow</b>	Post Doctor Scalar ship at KAIST (South Korea)	Feb 12 2004	Feb 11 2005
Ph. D Student	A Member of Egyptian government Scholarship within the so-called Internal Emission program to complete Ph. D. Study in Mechanical Engineering Institute, UNB University, Canada.	12-9-1999	12-9-2001
	A Member of Egyptian government Scholarship to Study Ph. D. Degree in the Mechanical Engineering at Mechanical power and energy Dept., Faculty of Engineering, EL-Minia University, Minia, Egypt.	1998	1-2-2002
Assistant Lecturer	Mechanical power Engineering Dept., Faculty of energy engineering Aswan university ,Aswan, Egypt	1996	1999
Demonstrator	Mechanical power Engineering Dept., Faculty of energy engineering	1993	1996

	Aswan university ,Aswan, Egypt		
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## JOINED RESEARCH PROJECTS AND GRANTS

1. A member of Egyptian Government Postdoctoral program, in thermal engineering Lab. Mechanical engineering Dept. Chonbuk National University south korea 2005.
2. A member of Egyptian Government Postdoctoral program, in thermal engineering Lab. Mechanical engineering Dept. KAIST south korea 2004.
3. A Member of Egyptian government Scholarship within the so-called Internal Emission program to complete Ph. D. Study in Mechanical power Engineering UNB Canada 1999-2001
4. A Member of Egyptian government Scholarship to Study Ph. D. Degree in the Mechanical Engineering at Mechanical power and energy Dept., Faculty of Engineering, EL-Minia University, EL- Minia, Egypt, From 1-9-1998 to 1-2-2002.

## A STATEMENT OF TEACHING

I had the opportunity to teach the following courses to the students in Aswan faculty of Energy engineering during the period from September, 1993 up to date.

1. Engineering Thermodynamics
2. Heat and mass transfer
3. Applied thermodynamics and combustion
4. Heat engine
5. Power plant
6. Engineering economy
7. Project Management and Operations Research

Also I had the opportunity to teach the following courses to the post graduate students in Aswan faculty of Energy engineering during the period from September, 2004 up to date.

1. Advanced heat transfer
2. Advanced Refrigeration and air condition
3. Renewable energy

## RESEARCH AREA AND SCIENTIFIC ACTIVITIES

### 1. Research Area

- Thermal engineering, Heat transfer, Refrigeration and air condition

#### Techniques

Experimental, CFD

### 2. Scientific Activities

#### Student supervision

- supervisor and co-supervisor for seven M.Sc. and one phd Students. In Mechanical power and energy Engineering Dept., Aswan Faculty of Energy, Aswan university, Egypt. And at Minia university
- Supervision on Post- graduation Diploma.
- Supervision on graduation projects.

## PUBLISHED

- 1- Salama M. Abdel-Hady, Soubhi A. Hassanein., Waleed A. Abdel-Fadeel, Hesham S. Abdel-Mohsenb "Experimental analysis of energy recovery for humidity control in split A/C system" Energy and Buildings 43 (2011) 3053–3058

- 2- Tarek A. Mekhail, Walid A. Aissa, **Soubhi A. Hassanein**, Osama Hamdy:" CFD Simulation of Dilute Gas-Solid Flow in 90° Square Bend "*Energy and Power Engineering*, 2011, 3, 246-252
- 3- **Soubhi A. Hassanein** , Tarek A. Malak , and S. E. Ahmed "Study on the Effects of outlet location And Obstacles on Space Flow characteristics inside ventilated room " second international conference of energy engineering Aswan Egypt 27-29 December 2010
- 4- B. Kh Morsy , O. M. Dahab and **Soubhi A. Hassanein**" Effect of flame stabilizer on heat transfer in a gas fired cylinder combustion chamber " *Journal of engineering and science* , Cairo University , Oct. 1999
- 5- **S. Hassanein** , M.F. Couturier, and A. C. M. Sousa " Heat transfer measurements and prediction for a heated cylinder in gas solid flow" International conference in Alicante , Spain , June 2001.
- 6- **Soubhi A. Hassanein** and Sangmin Choi " Energy Storage Characteristics In Fixed beds part 1 charging mode", 28 Kosco Symposium (The Korean Society of Combustion) pp.158-164, 2004. 6, 4-5
- 7- **Soubhi A. Hassanein** and Sangmin Choi " Energy Storage Characteristics In Fluidized beds" international Solar Cities congres 2004, Korea.
- 8- **Soubhi A. Hassanein** and Sangmin Choi " Energy Storage Characteristics In Fixed beds, Charging, Storing, Discharging ", 29 Kosco Symposium (The Korean Society of Combustion) pp.17-23, 2004. 11, 26-27
- 9- **Soubhi A. Hassanein** and O. M. Dahab " Comparison of heat transfer in both the Riser and Downcomer of a circulating Fluidized bed ", 29 Kosco Symposium (The Korean Society of Combustion) pp. 24-32, 2004. 11, 26-273
- 10 - **S. Hassanein**, B. Kh Morsy , and O. M. Dahab "Experimental investigation of Local heat transfer around horizontal cylinder in a riser of a circulated fluidized bed" *Bulletin of the Faculty of Engineering Minia University* Vol. 25, No. 1, pp. 38-51 , 2006.
- 11 - **S. A. Hassanein**, O. M. Dahab , and B. Kh Morsy "Evaluation of heat transfer in both the riser and downcomer of a circulating fluidized bed" *Bulletin of the Faculty of Engineering Minia University* Vol. 25, No. 1, pp. 20-37, 2006.
- 12 - Waleed A. Abdel-Fadeel and **Soubhi A. Hassanein** "Experiments and calculations of the room temperature affected by a direct evaporative cooler during hot and dry climate." *Journal of engineering science Faculty of engineering Asuit university* May 2012.
- 13- Waleed A. Abdel-Fadeel and **Soubhi A. Hassanein** "Calculations of the outlet air conditions in the direct evaporative cooler" *Journal of engineering science Faculty of engineering Asuit university* Septmber 2012.
- 14 - **Soubhi A. Hassanein** and Waleed A. Abdel-Fadeel "Improvement of natural ventilation in building using multi solar chimneys at different directions" *Journal of engineering science Faculty of engineering Asuit university* November 2012.

## REFEREES

1. Prof. Dr. Hendawe salem Faculty of engineering Cairo university Egypt
- 2-. Prof. Dr.Bahgat K. Morsy Faculty of engineering Minia university Egypt
3. Prof. Dr. Sangmin Choi Professor of thermal engineering lab Korea advanced institute of science and technology  
E-mail: [smchoi@hanbit.kaist.ac.kr](mailto:smchoi@hanbit.kaist.ac.kr)
4. A.C.M. Sousa Prof. Mech Eng. Dept. University of Newbrunswick Canada  
[asousa@unb.ca](mailto:asousa@unb.ca)