

**UNITED ARAB EMIRATES UNIVERSITY**  
**COLLEGE OF ENGINEERING – MECHANICAL ENGINEERING DEPARTMENT**  
**Faculty Activity Summary**

		Date:	July 2009	
Name:	Dr <b>Mohamed Younes El-Saghir Selim</b>			
Academic Rank:	Associate Professor (2002-present) Assistant Professor (1997-2002)	Mo/Yr Appointed at UAE University:	Sept. 1997	
Date of Initial UAE Univ. Appointment:	Sept. 1997			
Highest Academic Degree: (Include field, university, year)	PhD, Mechanical Engineering, Cambridge University, UK, 1992			
Special Fields and Research Interest:	Energy and Thermofluids: Renewable Fuels, Combustion and Emission Control			
Address:	Dr Mohamed Younes El-Saghir Selim Associate Professor, Mechanical Engineering Department Faculty of Engineering, United Arab Emirates University P.O. Box 17555, Al-Ain, UAE Tel. (9713) - 7133566 Office, Fax (9713) - 7623158 Office Mobile: (971) 050 – 4494723, Email: <a href="mailto:Mohamed.Selim@uaeu.ac.ae">Mohamed.Selim@uaeu.ac.ae</a> Internet web site: <a href="http://www.engg.uaeu.ac.ae/mohamed.selim">http://www.engg.uaeu.ac.ae/mohamed.selim</a>			

**1. Academic Background**

<u>Institution</u>	<u>Dates Attended</u>	<u>Major</u>	<u>Degree</u>	<u>Dates Awarded</u>
Cambridge University, UK	1989	ME	PhD	1992
Helwan University, Egypt	1986	ME	MSc	1988
Helwan University, Egypt	1980	ME	BSc	1985

**2. Other**

<u>Company, Firm, Agency</u>	<u>Position</u>	<u>Dates</u>
Loughborough University, UK, Mechanical Engineering Department, CFD Group	Post-Doctoral Fellow	Sept. 1995 – Sept. 1996

**3. Professional Activities**

3.1 Scientific and Professional Societies

Professional Member in Society of Automotive Engineers (SAE),  
 Member. SAE Journal Transaction review committee.

3.2 Professional Registration

Egyptian Society of Engineers

3.3 Honors, Prizes, and Awards (Provide year of award)

- UAE University College of Engineering Award for Excellency in Community Services, September 2007.
- Inclusion in "Cambridge Bibliography Association" Handbook, 2007/2008
- Cambridge Commonwealth Trust & Cambridge Overseas Trust PhD Scholarship Award , 1989-1992
- "Ford of Britain" Prize for top PhD Students (monthly award), Cambridge University, Engineering Department, 1990-1992.

- Islamic Development Bank (IDB) Merit Scholarship Award for young scientists. Fellowship spent as post-doctoral fellow in the Mechanical Engineering Department, Loughborough University, UK. [the only scholarship offered to Egypt in 1995]
- Inclusion in Marquis' Who's Who in the World for the year 2005-2006
- Inclusion in Marquis' Who's Who in Science and Engineering, 2005-2006 (8<sup>th</sup> Edition)
- Inclusion in Marquis Who's Who in Science and Engineering in the 7<sup>th</sup> edition for the year (2003 / 2004).

#### 3.4 Consulting:

- Updating one Gulf Standards for Emirates Authority for Standardization and Metrology for noise emission regulations Gulf Standards, **2008-2009**
- Updating three (3) Gulf Standards for Emirates Authority for Standardization and Metrology for light duty diesel engines emission regulations Gulf Standards 1040, 1041 and 1042, **2008-2009**
- Writing three (3) Gulf Standards for Emirates Authority for Standardization and Metrology for heavy duty diesel engines emission regulations, Gulf Standards 144, 145 and 146, **2007-2008**.
- Review and reports about NGV ISO standards done within the working team of the UAEU- Emirates Organization of Standardization [2006/2007]
- A study has been prepared to the Emirates Organization of Standardization about the emissions reduction and levels in vehicles. [2006/2007]
- A study has been prepared to the Emirates Organization of Standardization about the use of natural gas in vehicles. [2005/2006]
- A study submitted to the Ministry of Finance and Industry, Department of Standards about comparing new to old vehicles from air pollution point of view [2002]

#### 3.5 Presentations and Other

- Presentation about "Diesel Emissions and Control" has been given to Emirates Standardization Authority, Abu Dhabi, **February 2008**.
- Presentation about renewable fuels for diesel engines given in Renergex 2007 Conference, Dubai World Trade Center, February 5, 2007
- Presentation about air pollution control from vehicles given in Abu Dhabi Commerce Chamber, organized by Ministry of Economics, Consumer Protection Department, March 14, 2007
- Presentation about air pollution control from vehicles given in Abu Dhabi Commerce Chamber, organized by Emirates Standardization and Metrology Organization, December 11, 2006

### 4. Service Activities

(Include activities and indicate scope of involvement and responsibility, i.e., committee member, chairman, etc. Provide inclusive dates for activities.)

#### 4.1 Department

- **Secretary of the SEE09 Symposium, UAEU May 2009**
- **Secretary of the ICTEA06 Conference, UAEU January 2006**
- **Chair of the Energy Conference Workshops, UAEU January 2000**
- **Director of Master Program in Mech. Eng., 2008-present.**

#### 4.2 College

- Head of Post-Graduate Department Committee and member of the College Post Graduate Committee for the M.Sc program, **2008-present**
- Member of College Travel Committee, 2004 - **2009**

#### 4.3 University

- Member of the UAEU University Committee for HVAC Maintenance Bids evaluations [2007]
- Head of the University Receiving Committee for equipment [2004-2005]

#### 4.4 Community

- Member of UAE Standardization Organization Committee for Vehicles [2004-**2009**]
- Member of UAE Standardization Organization Committee for using natural gas in vehicles [2004-2007]

- Member of the GCC National Committee for Vehicle Standardization (representing the UAE University) [2002-2003]
- Member of the UAE Ministry of Finance and Industry Vehicle Standardization Committee (representing the UAE University) [2000-2003]

#### 4.5 National and International

- Member of UAE Standardization Organization Committee for Vehicles [2004-2009]
- UAE University representative in the GCC Committee of Vehicles Standards which met in Saudi Arabic, Riyadh. [2002-2003]

#### 4.6 Reviewer or evaluator for journals, publishers, research or accreditation agencies (include years served)

- Technical revision of technical papers submitted to the Journal of "Fuel", "Energy and Fuels", IMechE and IJFD Journal [2000-2009].
- Technical revision of many technical papers submitted to the Transactions of Society of Automotive Engineers (SAE Journal) [2000-2005]
- Technical revision of a technical paper for the 2005 ASME Heat Transfer Conference, July 17-22, San Francisco, CA, USA [2005]
- Technical revision of 2 technical papers for the International Journal of Environment and Pollution (IJEP). [2005]
- Acting as Associate Editor for the Int. Journal of Dynamics of Fluids.[2004-2006]
- Acting as Editorial board Member of IJAER (International Journal of Applied Engineering Research (IJAER)), 2006.
- Revision of two technical papers for the ASME International Conference, ICE Divisions, April 1999.
- Revision of three technical papers for the UAE University Engineering Journal [2002]
- Refereeing paper submitted to Journal of King Saud University, Engineering Sciences [2002]
- Refereeing paper submitted to Journal of Indian Academy of Sciences, Sadhana Journal of Engineering [2002-2003]
- Technical revision of many technical papers submitted to the *Int. Journal of Dynamics of Fluids*, 2005/2006.
- Technical revision of technical papers submitted to the *Fuel* Journal, Sept. 2005.
- Technial revision of paper submitted to *Energy and Fuels*, February 2006.
- Technial revision of paper submitted to *International Journal of Thermal Sciences*, February 2006.

#### 5. M.Sc. thesis and/or examining committee memberships (excluding chairmanships).

<u>No.</u>	<u>Student</u>	<u>Degree Title</u>	<u>Degree Year</u>
1	Abdalla AL-Aseeri	M.Sc. (Environmental Engineering Program), UAEU	Finished <b>June 2008</b>
2	Humaid Al-Kendi	M.Sc. (Environmental Engineering Program), UAEU	Going on
3	Hosam Mohamed	M.Sc. (Coal Fuel), Helwan University	Finished 1997
4	Abdel Kader Ahmed	M.Sc. (Jojoba Fuel), Helwan University	Finished 1997

#### 6. Active research fields at present (major fields only)

Internal combustion engines fuels, combustion and emissions control. Simulation of internal combustion engines, Engine cooling and heat transfer. Air pollution control.

#### 6.1 Principal investigator (PI) on contracts and/or grants

<u>Contract or Grant Title</u>	<u>Budget No.</u>	<u>Funding Agency</u>	<u>Total/Annual Funding</u>	<u>Start Date</u>	<u>End Date</u>
M. Y. E. Selim et. al.,	Ministry of	Ministry of Interior	AED 250,000	Dec. 2008	May 2009

"Development and Unification of Vehicles Inspection Standards", <b>Dec. 2008 – May – 2009</b>	Interior				
M. Y. E. Selim, " Reducing the Viscosity of Jojoba Methyl Ester Diesel Fuel and Effects on Diesel Engine Performance and Roughness", <b>2009-2010</b>	UAEU	UAEU Research Affairs	AED 20,000	Feb. 2009	Feb. 2010
M. Y. E. Selim and Mamdouh Ghannam, Stability Behavior of Water-in-Diesel Fuel Emulsion and Effects on Diesel Engine Performance", <b>2008-2009</b>	UAEU	UAEU Research Affairs	AED 24,000	Feb 2008	Feb 2009
M. Y. E. Selim (PI), "A Study on the alternative & regenerated energy resources in terms of their usages and environmental effects" <b>2007-2008</b>	UAEU	UAEU Research Affairs	AED 20,000	Feb 2007	Feb 2008
M. Y. E. Selim (PI), " Improving the Performance of Dual Fuel Engines Running on Natural Gas by using Pilot Fuel Derived from Jojoba Seeds, <b>2006-2007</b>	UAEU	UAEU Research Affairs	AED 20,000	Feb 2006	Feb 2007
M. Y. E. Selim (PI), "Air Pollution Measurements and Control from Diesel Engines", <b>2003-2004</b> , AED 28,000	UAEU	UAEU Research Affairs	AED 28,000	Feb 2004	Feb 2005
M. Y. E. Selim (PI), "Reduction of Diesel Engine Polluting Exhaust Emissions and Noise by Using Oxygenated Fuel Additives" Research project submitted to the UAEU Research Council for AED 30000 for <b>2002/2003</b> .	UAEU	UAEU Research Affairs	AED 30000	2002	2003
M. Y. E. Selim (PI), "Sensitivity of Dual Fuel Engine Combustion and Emission to the Gaseous Fuel Composition" Research project funded by the UAEU Research Council with AED 30000 for <b>2001/2002</b> .	UAEU	UAEU Research Affairs	AED 30000	2001	2002
M. Y. E. Selim (PI), "Experimental and CFD Simulation of Exhaust Gas Recycle in Dual Fuel Engine", (funded research by UAE University, <b>2000-2001</b> , AED 17,000	UAEU	UAEU Research Affairs	AED 17,000	2000	2001
M. Y. E. Selim (PI), "Nitrogen Oxides Pollutant Reduction from Dual Fuel Engine by Using Diesel/Water Emulsion", funded research by UAE University, <b>1999-2000</b> , AED 22,500	UAEU	UAEU Research Affairs	AED 22,500	1999	2000
M. Y. E. Selim (PI), "Performance and Exhaust Emission of a Dual Fuel Diesel Engine (Diesel / Natural Gas), funded research by UAE University, <b>1997-1998</b> , AED	UAEU	UAEU Research Affairs	AED 15,200	1997	1998

15,200					
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### 6.2 Co-principal investigator (Co-PI) on contracts and/or grants

<u>Contract or Grant Title</u>	<u>Budget No.</u>	<u>Funding Agency</u>	<u>Total/Annual Funding</u>	<u>Start Date</u>	<u>End Date</u>
M. Y. E. Selim (CI), A.M.O.Mohamed (PI) and M. Maraqa (CI), "Life Cycle Assessment Cost for Air Pollutants from ADCO's Refinery: Phase I", <b>2003-2004</b> , AED 39,600	UAEU	ADCO' Oil Company	AED 39,600	Sept 2004	March 2005
W. Fawzy and M. Y. E. Selim, "Preliminary Investigations on Measurement and Control of pollutants in exhaust gas of combustion systems", joint funded research by UAE University, <b>1999-2000</b> , AED 15,000	UAEU	UAEU Research Affairs	AED 15,000	1999	2000
A. Sharaf and M. Y. E. Selim, "Air Pollution Abatement Using an Electromagnetic Enhanced Zeolite Filter "joint funded research by UAE University, <b>1999-2000</b> , AED 25,000	UAEU	UAEU Research Affairs	AED 25,000	1999	2000

**6.3. Publications.** (List in chronological order with each publication shown with proper order of authors, inclusive page numbers, and in correct bibliographical form, **if you are not the first author what is the percentage of your contribution**)

(A) Chapter in a Book:

Mohamed Y. E. Selim, "Introduction to Alternative Fuels: Chapter title: LPG", Editor: A.S. Ramadhas, CRC Press / Taylors and Francis Group, USA, In Press (Sept 2009).

(B) Int. Journal Papers:

1) M. T. Ghannam and M. Y. E. Selim, Stability Behavior of Water-in-Diesel Fuel Emulsion, Petroleum Science and Technology Journal, Vol. 27, Issue 4, pp 396–411, January 2009. ([download](#))

2) Mohamed Y.E. Selim, Reducing the viscosity of Jojoba Methyl Ester diesel fuel and effects on diesel engine performance and roughness, Energy Conversion and Management Journal, Vol. 50, Issue 7, pp 1781-1788, July 2009. ([download](#))

3) H. A. Moneib, M. Abdelaal, Mohamed Y. E. Selim, and O. A. Abdallah, NO<sub>x</sub> Emission Control in SI Engine by Adding Argon Inert Gas to Intake Mixture, *Energy Conversion and Management, Volume 50, Issue 11, November 2009, Pages 2699-2708.* ([download](#))

4) Mohamed Y. E. Selim, and Mamdouh Ghannam, A Combustion Study of Stabilized Water-in-Diesel Fuel Emulsion, Accepted in Energy Sources Journal, Part A, Recovery, Utilization, and Environmental Effects, Vol. 32, Issue 2, pp 1–19, 2010. ([download](#))

- 5) H. E. Saleh and Mohamed Y. E. Selim, Shock tube investigation of propane-air mixtures with a pilot diesel fuel or cotton methyl ester, Accepted in Fuel, Int. Journal, September 2009.
6. Mohamed Y. E. Selim, H.E. Saleh and M. S. Radwan, "On the Use of Jojoba Methyl Ester as Pilot Fuel in Dual Fuel Engines", Renewable Energy Journal, Vol. 33, pp 1173-1185, 2008. ([download](#))
7. Mohamed Y. E. Selim, "Effects of Engine Parameters and Gaseous Fuel Type on the Cyclic Variability of Dual Fuel Engines", Fuel, an Int. Journal, 84, 961-971, 2005. ([download](#))
8. Mohamed Y. E. Selim, "Sensitivity of Dual Fuel Engine Combustion and Knocking Limits to Gaseous Fuel Composition", Energy Conversion and management Journal, Volume 45, Issue 3, pp. 411-425, 2004. ([download](#))
9. M. Y. E. Selim, Mohsen S. Radwan and Soliman M.S. Elfeky, " Combustion of Jojoba Methyl Ester in an In-Direct Injection Diesel Engine, Renewable Energy Journal, Vol. 28, Issue 9, July, pp. 1401-1420, 2003. ([download](#))
10. Mohamed Y. E. Selim, "Effect of Exhaust Gas Recirculation on Some Combustion Characteristics of Dual Fuel Engine", Energy Conversion and Management, An International Journal, Volume 44, Issue 5, March 2003, Pages 707-721, 2003. ([download](#))
11. M. Y. E. Selim, "Pressure – Time Characteristics of Diesel Engine Fuelled with Natural gas", Renewable Energy Journal, Oct-2000, volume 22, issue 4, Pages 473-489. ([download](#))
12. M.Y.E.Selim, M.S.Radwan, M.Ismael and H.E.Saleh, "Laminar Burning Velocity of Some New Coal Derived Fuels", International Journal of Energy Sources, Volume 23, Number 4, pp.345-362, May 2001. ([download](#))
13. M.Y.E. Selim and A.H.B.Helali, "Effect of Coolant Additives on Thermal Loading of Diesel Engine", Journal of Automobile Engineering, Vol. 215, pp 1131-1142, Proceedings of the Institution of Mechanical Engineers, Part D, 2001. ([download](#))
14. M. Y. E. SELIM and S.M.S. Elfeky, "Effects of Diesel / Water Emulsion on Heat Flow and Thermal Loading in a Precombustion Chamber Diesel Engine", Journal of Applied Thermal Engineering, Vol 21/15, pp 1565-1582 Jul 2001. ([download](#))
15. M. Y. E. Selim and N. Collings, "Structure of Turbulence in a Model IC Engine: Effects of Inlet Conditions", SAE paper 961184, Journal of Engines, 1996. Also Presented in: SAE International Spring Fuels and Lubricants Meeting and Exposition, Dearborn, Michigan, USA, 6-8 May, 1996.
16. M. Y. E. Selim and N. Collings, "Measurements of Spatial Structure of BDC Turbulence in a Model IC Engine Using Flying Hot Wire", SAE Journal of Engines, paper number 912405, 1992. Also Presented in: SAE Int. Fuels and Lubricants Meeting and Exposition, Toronto, Canada, October 7-10, 1991.
17. Mohamed Y. E. Selim, A Study of Some Combustion Characteristics of Dual Fuel Engine Using EGR, SAE Paper 2003-01-0766, Transactions of SAE, Journal of Engines, 2003. ([download](#))
18. S.M.S. Elfeky and M. Y. E. SELIM, "On the Possibility of Using Aluminum Alloy Water Cooled Cylinder Head in I. C. Engines by Using Finned Surfaces", Engineering Research Journal, October 2000. ([download](#))

(C) Int. Conference Papers:

- 19) Mohamed, Y. E. Selim, Salah B. Al-Omari and Abdallah J. Al-Aseery, Effects of Steam Injection to Dual Fuel Engine on Performance, Noise and Exhaust Emission, SAE Paper 2009-01-1831 / 09SFL-0039, SAE 2009 Powertrains, Fuels & Lubricants Meeting, Florence, Italy, June 15 – 17, 2009. ([download](#))
- 20) Mohsen Abdelaal, Hany Moneib, Mohamed, Y. E. Selim, Osama A. Abdallah, Effects of Diluting the Intake Air of SI Engine with Argon Inert Gas on the NO<sub>x</sub> Emissions and Performance, SAE Paper 2009-01-1186, The SAE 2009 World Congress, Detroit, Michigan, USA, April 20-23, 2009. ([download](#))
21. Mohamed Y. E. Selim and H. E. Saleh, Performance of Dual Fuel Engine Running on Jojoba Oil as Pilot Fuel and CNG or LPG, 2007 ASME-JSME Thermal Engineering Summer Heat Transfer Conference July 8-12, 2007, Vancouver, British Columbia, CANADA
22. Mohamed Y. E. Selim and H. E. Saleh, On the Use of Jojoba Methyl Ester as Pilot Fuel for Dual Fuel Engine Running on Gaseous Fuels, SAE ICE2007, 8<sup>th</sup> Int. Conf. on Engines for Automobiles, September 16-20, 2007, Capri, Napoli, Italy. ([download](#))
23. Mohamed Y. E. Selim and Mamdouh T. Ghannam, Performance and Engine Roughness of a Diesel Engine Running on Stabilized Water Diesel Emulsion, SAE ICE2007, 8<sup>th</sup> Int. Conf. on Engines for Automobiles, September 16-20, 2007, Capri, Napoli, Italy. ([download](#))
24. Mohamed Y. E. Selim, A. B. Helali and S. Elfeky, "Enhancement of Coolant Side Heat Transfer in Water Cooled Engines by Using Finned Cylinder Heads ", Proceedings of the ASME ICE Division Fall Conference, Ottawa, Canada, September 11-14, 2005. ([download](#))
25. M. Y. E. Selim, "Combustion Noise Measurements and Control from Small Diesel and Dual Fuel Engines", SAE Small Engine Technology Conference, Graz, Austria, 27-30 September, 2004.
26. Mohamed Y. E. Selim, "Combustion Noise Measurements and Control from Diesel and Dual Fuel Engines", Proceedings of The 18th International Congress on Acoustics ICA, Kyoto International Conference Hall, April 4 to 9, 2004, Kyoto, Japan
27. M. Y. E. Selim, Mohsen S. Radwan and Soliman M.S. Elfeky, " Effect of Fuel Additives on Jojoba Methyl Ester Properties, Ignition Delay and Performance in a Direct Injection Diesel Engine ", HPC Conference, Cyprus, October 2004.
28. Mohamed Y. E. Selim, "A Study of Some Combustion Characteristics of Dual Fuel Engine Using EGR", SAE Paper 2003-01-0766, 2003 SAE World Congress, Detroit, Michigan, March 3-6, 2003
29. M.Y.E. Selim, "An Experimental Investigation of Combustion Noise From Dual Fuel Engine Running on Diesel/Natural Gas", ASME International Spring Conference, ICED, Texas, Son Antonio, USA, April 9-12, 2000.
30. M.Y. E. Selim and A.H.B. Helali, " Thermal Evaluation of Some Liquid Coolants Under Real Engine Conditions," ASME International Spring Conference, ICED, Texas, Son Antonio, USA, April 9-12, 2000.
31. M.Y.E. Selim, "Thermal Loading and Temperature Distribution of A Pre Combustion Chamber Diesel Engine Running on Gasoil / Natural Gas", Int. ASME conference, ICE Division, April, 25-28, 1999, Columbus, Indiana, USA. ([download](#))
32. Mohamed Y. E. Selim, An Experimental Investigation of Combustion Noise from Dual Fuel Engines Running on Diesel/Natural Gas, Int. Energy Conference, UAEU, Al-Ain, May 2000.

33· M.Y.E. Selim, S. Das, and J.C. Dent, “Application of CFD to the Matching of In Cylinder Fuel Injection and Air Motion in a Four Stroke Gasoline Engine”, SAE paper 971601, SP-1276, Spring Fuels & Lubricants Meeting, Regent Hayatt Hotel, Dearborn, Michigan, USA, May 1997. [\(download\)](#)

Also Published in: [Engineering Research Journal](#), Helwan University, Egypt, Vol.51, January 1997

34· M.Y.E.Selim, M.S.Radwan, S.K.Dandoush, and A.M.A.Kader, “Ignition Delay Period of Jojoba Diesel Engine Fuel”, SAE paper 972975, SAE International Fall Fuels & Lubricants Meeting, Adam’s Mark Hotel, Tulsa, Oklahoma, USA, October, 13-16, 1997.

35· M.Y.E. Selim and N. Collings, “Structure of Turbulence in a Model IC Engine: Effects of Inlet Conditions”, Presented at SAE Spring Fuels & Lubricants Meeting, Regent Hayatt Hotel, Dearborn, Michigan, USA, SAE paper 961184, May 1996. [\(download\)](#)

36· M. Y. E. Selim and N. Collings, “Measurements of Spatial Structure of BDC Turbulence in a Model IC Engine Using Flying Hot Wire”, Presented at SAE Int. Fuels and Lubricants Meeting and Exposition, Toronto, Canada, October 7-10, 1991.

37· AR. AF. Ibrahim, M. S. Radwan, M. F. Sedrak, and M. Y. E. Selim, “A Study on Turbulence Generators for the Intake Manifold of Diluted Spark-Ignition Engines”, SAE paper 921667, Int. SAE Off-Highway & Power Plant Congress & Exposition, Milwaukee, Wisconsin, USA, September 14-17, 1992.

Also Published in: [Engineering Research Journal](#), Helwan University, Cairo, Egypt, Vol. 7, 1989.

#### (D) Educational Papers:

38. Mohamed Y. E. Selim and Sameera Al-Zarooni, Does secondary school grade predict the performance of engineering students?, Accepted for publication in the AJEE: Australasian Journal of Engineering Education, September 2009.

39. Mohamed Y. E. Selim and Abdel-Hamid I. Mourad, On the Awareness of Engineering Students with ABET accreditation Elements, The 10<sup>th</sup> Biennial INQAAHE Conference, The Commission for Academic Accreditation, Beach Rotana Hotel, Abu Dhabi, UAE, March 30<sup>th</sup> – April 2<sup>nd</sup>, 2009. Submitted to Quality in Higher Education Journal, April 2009

40. Mohamed Younes E. Selim and Mohamed a. Al-Bayywomi, Application of ethics criteria to engineering profession: case study of engineering students at the UAE University, SEE09 Symposium, May 16-18, 2009.

41. Mohamed Y. E. Selim, K. El-Sawy, and Y. Haik, On the use of electronic academic advising tools to promote higher quality engineering education, SEE09 Symposium, May 16-18, 2009.

#### **Other Educational Activities (2008 – 2009):**

- Graduation project sponsorship for 50,000 AED for heat pipes applications in air conditioning.
- Involvement of undergraduate students in research.
- Attended one workshop on active learning.
- Develop new online advising package that uses the website of the UAEU to help ME advisors and students (check time conflict and check pre-requisites for suggested courses)

**6.4 Books and monographs.** (Limit to textbooks, research monographs, conference / symposium / congress proceedings, handbooks, etc., of which you are an author or an editor.)

- Proceedings of the Int. Conference on Thermal Engineering Theory and Applications (ICTEA06 Conference, Al-Ain Hilton, 3-5 January 2006)
- Proceedings of the Symposium on Engineering Education (SEE09 Symposium, UAE University, 16-18 May 2009)
- A chapter about "LPG alternative fuels" is being written

#### **6.5 Other technical publications (book and paper reviews, reports, theses, and dissertations.)**

- 1 M.Sc. Thesis supervised between 2003-2008, UAE University, UAE
- 2 M.Sc. Theses supervised between 1993-1997, Helwan University, Egypt.
- PhD Thesis, Cambridge University, 1992.
- M.Sc. Thesis, Helwan University, 1989.

#### **7. Seminars and lecture presentations (such as short courses, workshop, invited talk and departmental seminars, which are NOT listed in any category above).**

- SAE 2009 Powertrains, Fuels & Lubricants Meeting, Florence, Italy, being held from June 15 – 17, 2009.
- The SAE 2009 World Congress, Detroit, Michigan, USA, April 20-23, 2009.
- The 10<sup>th</sup> Biennial INQAAHE Conference, The Commission for Academic Accreditation, Beach Rotana Hotel, Abu Dhabi, UAE, March 30<sup>th</sup> – April 2<sup>nd</sup>, 2009.
- Presentation of one technical paper at the 2007 ASME-JSME Thermal Engineering Summer Heat Transfer Conference **July 8-12, 2007**, Vancouver, British Columbia, CANADA
- Presentation of one technical paper at the SAE ICE2007, 8<sup>th</sup> Int. Conf. on Engines for Automobiles, **September 16-20, 2007**, Capri, Napoli, Italy
- Presentation of one technical paper at the ASME ICE Division Fall Conference, Ottawa, Canada, September 11-14, 2005.
- Presentation about "Role of Standards in Protecting Consumers from Air Pollution, ESMA, UAE, Abu Dhabi, December 11, 2006.
- Presentation about "On the Use of Renewable Fuels in Diesel Engines", RENERGEX 2007 Conference and Exhibition, Dubai World Trade Centre, 5-7 February 2007

#### **8. Other Activities**

##### **Attended Conferences:**

1. SAE 2009 Powertrains, Fuels & Lubricants Meeting, Florence, Italy, being held from June 15 – 17, **2009**.
2. The 10<sup>th</sup> Biennial INQAAHE Conference, The Commission for Academic Accreditation, Beach Rotana Hotel, Abu Dhabi, UAE, March 30<sup>th</sup> – April 2<sup>nd</sup>, **2009**.
3. SAE ICE2007, 8<sup>th</sup> Int. Conf. on Engines for Automobiles, September 16-20, **2007**, Capri, Napoli, Italy
4. ASME-JSME Thermal Engineering Summer Heat Transfer Conference July 8-12, **2007**, Vancouver, British Columbia, CANADA
5. ASME ICE Division Fall Conference, Ottawa, Canada, September 11-14, **2005**
6. SAE Small Engine Technology Conference, Graz, Austria, 27-30 September, **2004**.
7. 18<sup>th</sup> International Congress on Acoustics, Kyoto, Japan, April 4-9, **2004**.

8. 2000 ASME Spring Technical Conference (ICE Division), San Antonio, Texas, USA, April 9-12, **2000**.
9. 2000 1<sup>st</sup> International Energy Conference, UAE University, Faculty of Engineering, Al-Ain Hilton, May 7-9, **2000**
10. 1999 ASME Spring Technical Conference (ICE Division), Columbus, Indiana, USA, April 24-28, **1999**.
11. International SAE Spring Fuels & Lubricants Meeting, Dearborn, Michigan, USA, May 6-8, **1996**
12. International SAE Fuels and Lubricants Meeting and Exposition, Toronto, Canada, October 7-10, **1991**.