

Curriculum Vitae



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Citizenship :	Egyptian
Date of Birth :	August 29, 1970
Marital Status :	Married
Present Position :	Lecturer. Mechanical Engineering Dept., Faculty of Engineering, Assiut University, Egypt.
Field of Specialization	Internal Combustion Engines and Thermodynamics
Degree Hold:	Bachelor of Mechanical Engineering, Assiut University, Egypt (1993). M. Sc. of Mechanical Engineering, Assiut University, Egypt,(2002). PhD of Mechanical Engineering, Assiut University, Egypt, (2010).
Academic :	1993- 2002 Demonstrator. 2002- 2010 Assistant Lecturer. 2010- 2011 Lecturer. 2011- 2013 Visiting Researcher, Kobe University, Japan

<p>Research Work :</p>	<ul style="list-style-type: none"> • The M.Sc. thesis entitled “Influence of the shape of the exhaust canal on the performance of the exhaust-turbocharged diesel engine”. • The PhD thesis entitled “Influence of valve timing on the performance of internal combustion engine”. • Two-phase flow analysis in refrigeration systems.
<p>Courses Taught :</p>	<p>I have been teaching the following undergraduate courses: Internal Combustion engines, Fluid Mechanics, Thermodynamics, Engineering drawing, Machine design and Mechanical Engineering Laboratories.</p>
<p>Publications</p>	<p>1- Saleh Abo-Elfadl, Ibrahim, A. M., Wassef, F. M. and Selim, H. “Influence of auxiliary intake valve with variable timing on spark ignition engine performance.” Journal of Eng. Science. Assiut University. Vol. 38, No.2, March 2010.</p> <p>2- Saleh Abo-Elfadl, Ibrahim, A. M., Wassef, F. M. and Selim, H. “Influence of auxiliary exhaust valve with variable timing on spark ignition engine performance.” Journal of Eng. Science. Assiut University. Vol. 38, No.2, March 2010.</p> <p>3- Saleh Abo-Elfadl and Hitoshi Asano “Comparison between homogeneous, Separated and Drift Flux Two Phase Flow Models for Adiabatic Capillary Tube Flow in a Transcritical CO₂ Heat Pump” Proceedings of the 2012 Japan society of Refrigeration and Air Conditioning Engineers (JSRAE) Annual Conference.</p> <p>4- Kenta Kobayashi, Hitoshi Asano, Saleh Abo-Elfadl, Koji Takiguchi, Toshiaki Tuchiya and Shin Ishida “A study on Flashing Flow Characteristics of CO₂ in a Capillary Tube” Proceedings of Thermal Engineering Conference 2012 Japan Society of Mechanical Engineers, [2012.11.17-18, Kumamoto] No.12-62.</p>

	<p>5- Daisuke Mizota, Hitoshi Asano, Kenta Kobayashi (Kobe University), Abo-Elfadl Saleh (Assiut University), Toshiaki Tuchiya (Fuji Electric Co. Ltd.), Shin Ishida, Koji Takiguchi, Yujiro Kitaide (Fuji Electric Co. Ltd.) “Flashing flow characteristics of CO2 through a capillary Tube” The seventh Asian Conference on Refrigeration and Air conditioning ‘ACRA’ South Korea May 18-20, 2014.</p>
<p><i>Conferences</i></p>	<p>Proceedings of the 2012 Japan society of Refrigeration and Air Conditioning Engineers (JSRAE) Annual Conference. (12-14)/9/2012, Sapporo, Japan.</p> <p>Proceedings of Thermal Engineering Conference 2012 Japan Society of Mechanical Engineers. (17-18)/11/2012, Kumamoto University, Japan.</p>