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**CURRICULUM VITAE**  
*Including*  
**LIST OF PUBLICATIONS AND RESEARCH ACTIVITIES**  
*of*  
**Assoc. Lec. Ismail Mohamed Sakr**  
**Associate Lecturer**  
*Mechanical Power Engineering Dept.*  
*Faculty of Engineering*  
*Menoufiya University*  
*Shebin El-Kom*  
**Egypt**

### 1. PERSONAL DETAILS

<b>Surname</b>	Sakr				
<b>Other names</b>	Ismail Mohamed Sakr				
<b>Title</b>	Associate Lecturer				
<b>Gender</b>	Male				
<b>Marital status</b>	Married				
<b>Home address</b>	Shawkey Khalid St. from Gamal Abd El Nasser St., Shebin El-Kom, Egypt				
<b>Mailing address</b>	Mechanical Power Engineering Dept. - Faculty of Engineering - Menoufiya University - Shebin El-Kom – Egypt.				
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<b>Mobile</b>	+20101873286		<b>Email</b>	<a href="mailto:Ismailsakr@yahoo.com">Ismailsakr@yahoo.com</a>	
<b>Date of birth</b>	<b>Day</b> 18	<b>Mo</b> September	<b>Yr</b> 1973	<b>Place of birth</b>	Eldalangat- El-Barod-Behera

### 2. EDUCATION

School/College/University/Other	Degree obtained	Dates (from-to)
In Mechanical Power Engineering, Faculty of Engineering, Menoufiya University, Shebin Elkom, <b>Egypt</b> . <i>Thesis Title: "Study of Heat transfer in Two-Dimensional Two-Phase Flow with Moving Interface". (Awarded Jan. 2008).</i>	<b>M.Sc.</b>	Nov. 2003-Jan. 2008
<b>B.Sc.</b> In Mechanical Power Engineering, Faculty of Engineering, Menoufiya University, Shebin Elkom, <b>Egypt</b> . <i>(Awarded May 2000).</i>	<b>B.Sc.</b>	Oct. 1994-May. 2000

### 3. TRAINING

Training attended/Technical skills acquired	Place	Dates (from-to)
Vehicle component industry company in Sadat city.	Sadat – Menoufiya	July 3- Aug. 26, 1996

### 4. EMPLOYMENT HISTORY

Employer	Position	Dates (from-to)
The Department of Mechanical Power Engineering, Faculty of Engineering, Menoufiya University, Shebin Elkom, <b>Egypt</b> .	Associate Lecturer	May, 2008-Present
The Department of Mechanical Power Engineering, Faculty of Engineering, Menoufiya University, Shebin Elkom, <b>Egypt</b> .	Demonstrator	Mars, 2002-May, 2008
National service in the Egyptian Army.		Juan., 2001-Mars 2002

## 5. FIELDS OF INTEREST

1. Computational Fluid Dynamics.
2. Two-Phase Flow.
3. Level Set Method
4. Solar Hydrogen Production.

## 6. PUBLICATIONS

1. Ismail Sakr, Ashraf Balabel, Abdelkarim Hegab, Sobeih Selim, "Numerical Investigation of Bouyancy-Driven Cavity with Different Mediums and Temperature Differences", Proc. 8th Int. Conf. of Fluid Dynamics and Propulsion, December 14-17, 2006, Sharm El-Shiekh, Sinai , Egypt, Paper No. ICFD8-EG-127.
2. Ismail Sakr, Ashraf Balabel, Abdelkarim Hegab, Sobeih Selim, "Study of Thermocapillary Effects in Two Fluid Systems Using a Single Phase Model", Proc. 13th Int. Conf. of Applied Mechanics Mechanical Engineering, May 27-29,2008, Military Technical College Kobry Elkobbah, Cairo, Egypt, paper Reference No.: 05.
3. Ismail Sakr, Ashraf Balabel, K.IBRAHIM, "Potential of Renewable Hydrogen production Technologies For energy requirements in Egypt", SEVENTH CONFERENCE OF EGYPTAIN RURAL DEVELOPMENT Water, energy and rural development Faculty of Engineering, Menoufia University, 13-15 October 2009

## 7. PRESENTATIONS

- 1-"Numerical Investigation of Buoyancy-Driven Cavity with Different Mediums and Temperature Differences ", 8th Int. Congress of Fluid Dynamics and Propulsion, December 14-17, 2006, Sharm El-Shiekh, Sinai, Egypt.
- 2-"Study of Thermocapillary Effects in Two Fluid Systems Using a Single Phase Model", Proc. 13th Int. Conf. of Applied Mechanics Mechanical Engineering, May 27-29, 2008, Military Technical College Kobry Elkobbah, Cairo, Egypt.
- 3-"Potential of Renewable Hydrogen production Technologies For energy requirements in Egypt", SEVENTH CONFERENCE OF EGYPTAIN RURAL DEVELOPMENT Water, energy and rural development Faculty of Engineering, Menoufia University, 13-15 October 2009

## 8. ADDITIONAL INFORMATION

### Languages

1. Arabic is the mother tongue.
  2. Good in English (both written and spoken)
- SCE Sample paper and pencil TOEFL (Local TOEFL) with score of 485

### Computer Skills

- 1-Operating system: - Windows
2. AutoCAD: - 2D
3. Programming Languages:- BASIC and FORTRAN
4. Computational Fluid Dynamics (CFD) Code: - **FLUENT** and its User Defined Functions (UDF) using C Language.
5. Golden Software: - Grapher and Surfer.
6. Microsoft Office: WORD, EXCEL and POWER POINT