



Mohamed Hamdy Abdelraheem Mohamed

Personal Data:

<i>Address</i>	Mechanical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt. (Postal Code: 71516)
<i>Current job</i>	Assistant Lecturer.
<i>Citizenship</i>	Egyptian.
<i>Date of Birth</i>	November, 21, 1987- Assuit, Egypt.
<i>Marital status</i>	Married.
<i>Language</i>	Arabic (native), English.
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<i>Interests</i>	Reading, Playing football, and Traveling

Objective:

To obtain a PhD Scholarship in Mechanical Engineering area.

Research Interests: Thermal Science.

English ILETS score:

Listening: 6.0

Reading: 5.5

Writing: 6.0

Speaking: 5.5

Overall: 6.0

Education:

- **M. Sc. in Mechanical power Engineering**
 - Assiut University, Assiut, 2014.
 - Thesis Title: "STUDY OF PERFORMANCE PARAMETERS FOR

AN IRREVERSIBLE cycle of INTERNAL COMBUSTION ENGINE
WITH AND WITHOUT EXHAUST GAS RECIRCULATION”

➤ **During my work toward my M. Sc. degree:**

I passed successfully five graduate courses with grade **Very Good (89.20%)**
which are:

- Advanced Engineering Mathematics [**Excellent**].
- Advanced Thermodynamics [**Excellent**].
- Advanced Fluid Dynamics [**Excellent**]
- Applied Electronics and Computers [**Very Good**].
- Advanced Heat Transfer [**Good**].

● **B. SC. In Mechanical Engineering Dept., Power section.**

- Assuit University. June 2009
- The overall grade is **very good** Ranked 2nd best score on Power section with **(81.43%)**.
- Graduation project grading is **Excellent**
- my project was "**Air Conditioning of The Woman's Health Hospital at Assiut University Using Conventional and Radiating Cooled Panels Systems**"
 - The main objectives of our project are experimentally evaluating the panels performance and design An air conditioning system for the Women's Health Hospital in Assiut University in two form:
 - Conventional air conditioning system.
 - Radiant cooling panels system.

Publications:

- **M. Hamdy .A,** Abdel-Hafez O M E, Mohamed H A. and Nassib A M. "Study a Model Close to the Actual Cycle of Internal Combustion Engines" , International Journal of Scientific and Engineering Research, volume 5,issue 5, 2014.

Academic Experience :

▪ **Assistant Lecturer**

Mechanical power Engineering, Assiut University, Egypt.

Research and Teaching Assistant (2010- 2014)

- **Assisted in teaching the following undergraduate courses:**

- **Thermodynamic**
- **Engineering analysis**
- **Hydraulic machines**
- **ENGINEERING DRAWING**
- **FORTRAN90**

Soft Skills:

- ICDL.
- Internet skills.
- FORTRAN.
- SolidWorks.

Training experience:

- **CEMEX Egypt Company (summer 2007, 2008, 2009)**
 - Mechanical maintenance department.
 - Training period is one month
 - Production process, mechanisms, PM&PDM maintenance and much maintenance Workings.
- **Assuit oil refining Company (ASORC). (Summer 2008)**
 - Valves work shop.
 - Training period is two weeks.
- **Upper Egypt Electricity production company in Assuit. (Summer 2008)**
 - Boilers, Steam turbine, Heat exchangers, Pumps and Condenser.
 - Training period is two weeks.

Undergraduate Projects:

- Design of a double pipe heat exchanger (calculation and drawings) at the year of graduation.
- Design of a ventilation system (Ducts and fans calculations) for a part of the Workshop at the Faculty of engineering at Assuit University.

Personal Skills:

- I was the leader of the graduation project that consists of thirteen members,(The project won the fund (6000 L.E) in Young

Innovator Award (YIA) Competition which produced from Nahdet El-Mahrousa (NM) Organization cooperation With Industrial modernization Center (IMC.)

- Ready to work under pressure and with team work, Helpful among team work, Active, Social, Hard worker, able to learn in a short time, Able to work with all levels of management and personnel, Able to accept risk and responsibility.
- Very good time management and communication skills.
- Very good presentation and writing reports skills.
- Self-learning.

Signature:

Mohamed Hamdy Abdelraheem Mohamed