

## C.V.

### Ali Hassan Abdel Razek Elsayed

#### PERSONAL:

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**Place of Birth:** Mansoura, Egypt.

**Date of Birth:** July, 21, 1980

#### EDUCATION:

##### M.Sc. (Mechanical Engineering), 2014

Faculty of Engineering, Assiut University, Assiut, Egypt.

**Thesis Title:** "A Parametric Study on Reducing Roof Cooling Load Using Reflecting Surfaces in The False Ceiling".

**I have pursued the post graduate courses for one academic year (2005) with Very Good degree.**

##### B.Sc. (Mechanical Engineering), 2003:

Faculty of Engineering, Assiut University, Assiut, Egypt.  
Very Good with honor degree.

#### Graduate Courses:

- Advanced engineering mathematics
- Advanced heat transfer
- Applied electronic and computations
- Advanced topic in thermal engineering "passive cooling and heating"
- Advanced topic in mechanical engineering "solar energy"

#### EMPLOYMENT AND RESPONSIBILITIES:

**2002-2003:** Team leader in B.Sc. graduate project.

**2003-2004:** Engineer at "Design and Engineering Consultancies Office", Mansoura, Egypt.

**2004-2014:** Graduate research and teaching associate, Dept. of Mechanical Engineering, Faculty of Engineering, Assiut University, Assiut, Egypt.

#### TEACHING EXPERIENCE:

##### Participate in teaching of the following courses:

- Thermo dynamics 1&2
- Heat Transfer
- Refrigeration and air conditioning
- Internal combustion engine
- Fluid mechanics

- Engineering Drawings

#### **Projects:**

- Leader team in B.Sc. graduate project "design and performance study of a coal-fired fluidized-bed boiler. The design and performance of fluidized bed combustor had been achieved through hot and cold experiments.
- Design and operation of a fluidized bed combustor for incineration of hazardous wastes of a hospital in safe and environment-friendly way with the team work of "Design and Engineering Consultancies Office".
- A part time job in a joint Egyptian-German funded research project "solar driven absorption cooling system".

#### **PUBLICATION:**

Ali H. Abdel Razek, Ibrahim S. Taha, M. G. Morsy, and Ali K. Abdel-Rahman, "The effect of using false ceiling on roof cooling load", Journal of Engineering Science(JES), 42(3), Pp:666-682, 2014.

#### **ACADEMIC ACTIVITIES:**

- Member in Heat Transfer Committee, Faculty of Engineering, Assiut University.
- Contributed in the development of under graduate courses related to Thermal Engineering, Faculty of Engineering, Assiut University.
- Contributed in the development of Thermal Engineering Laboratories, Faculty of Engineering, Assiut University.
- The Fourth Assiut University Int. Conf. on Mech. Eng. Advanced Tech. for Indus. Prod., MEATIP 4, Assiut, Egypt, December 12-14, 2006 (member of organizing team).

#### **ACADEMIC HONORS:**

- Dr. Mahmoud Hassan Saadawi Award, Assiut University (L.E 140) 2002
- Dr. Ramadan Mohamed Sadek Award, Assiut University (L.E 240) 2001
- Dr. Yahya Elsayed Award, Assiut University (L.E 240) 2000
- First class honors from Syndicate of Egyptian Engineers (L.E 200) 2004

#### **MEMBERSHIPS:**

- Member in Syndicate of Egyptian Engineers.
- Member in Heat Transfer Committee, Faculty of Engineering, Assiut University.
- Member in Assiut University club of Staff Members