**C.V**

**Name**:  **Salwa ELdeeb Hassen Rashwan**

**Job Title**: Associate, Mechanical Engineering Department,

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**Academic Degrees:**

**Bachelor:** Mechanical Engineering Dept., Power, Faculty of Engineering, ELMenia University, 1980, Good.

**Master:** "Solar Energy Storage, Utilizing Paraffin Wax as a Phase Change Material ", Mechanical Power Engineering, Faculty of Engineering, Cairo University, 2002.

**Ph. D:** " Advanced Study of the Fluid Flow and Heat Transfer in the Spongy Porous Media", Mechanical Power Engineering, Faculty of Engineering, Cairo University, 2014.

**Job Details:**

**Company/Institution**:

National Research Centre from 28 September 1983 till now

**Job Title:**

Associate / Mechanical Engineering Department.

**Job description:**

Researches in thermal energy storage, heat transfer field, fluid dynamic and energy application.

**Training Programs and short Courses:**

1. Intensive course in thermal dynamic and fluid mechanics, Cairo University, 2009.
2. Intensive course in computer science, National Research Center, 2005.
3. Intensive course in National Toefl.

**Professional Experience:**

1. Computational and numerical methods in Mechanical Power Engineering.

**List of Training Courses in NRC:**

1. Technologies of computer science.
2. Solar Energy Application.

**Publication list:**

1. "Solar Energy Storage, Utilizing Paraffin Wax as a Phase Change Material ", N.EL Chazly, A.EL-Sharkawy,Salwa ELdeeb, 2002.
2. "Numerical Study of Fluid Flow and Heat Transfer in the Spongy Porous Media", Z.Abdel- Rehim, M.A.Ziada, S. ELdeeb, Participant in "17th International Conference on Mechanical and Control Engineering", July 29-30, Zurich, Switzerland, 2015.
3. "Numerical Study of Fluid Flow and Heat Transfer in the Spongy-Porous Media", Salwa ELdeeb Hassen, and Zeinab Abdel-Rehim, M.A.Ziada, International Journal of Mechanical and Mechanics Engineering, Vol. 2, No. 7, 2015.