



Dr. Mohamed Elsayed Mohamed

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➤ **Personal profile**

General presentation about myself, my skills and my carrier about dedicated teaching with more than 10 years of experience in assisting teachers and students to ensure productivity and confidence in the classroom. Responsible, reliable, and always willing to go the extra mile. Experience in assisting students of various age groups and abilities.

Ability to select and develop a variety of learning strategies in order to provide education to students with a range of abilities in the classroom. Selective attention skills that are useful for concentrating on one student's tutoring session without being distracted by other students or teachers in the surrounding environment.

➤ **Education**

- **PHD of Philosophy** in Mechanical Power Engineering, Faculty of Engineering at Shoubra-Benha University- Egypt. August 2018.

Dissertation title: **“Effect of Photovoltaic Cells Cooling on the Performance of Reverse Osmosis Desalination System”**

- **Degree of Master of Science** in Mechanical Power Engineering, Faculty of Engineering at Elmataria- Helwan University- Egypt. September 2014.

Dissertation title: **“Evaluation of the Performance of Reverse Osmosis (RO) System Powered with Photovoltaic (PV) Using Different Types of Saline Water”**

- **Bachelor of Science in Mechanical Engineering**, Higher Technological Institute- 10th of Ramadan, Egypt. August 2009.

➤ **Work Experience**

- **Lecturer** in the Department of Mechanical Engineering at the Higher Technological Institute- 10th of Ramadan (from August 2018 until now).
- **Assistant Lecturer** in the Department of Mechanical Engineering at the Higher Technological Institute- 10th of Ramadan (from September 2014 to August 2018).

- **Teaching Assistant** in the Department of Mechanical Engineering at the Higher Technological Institute- 10th of Ramadan (from September 2009 to September 2014).

➤ **Internships**

▪ **Areas of Scientific Research:**

- 1- Water Desalination System.
- 2- Fluid mechanics.
- 3- Nano Fluid.
- 4- Renewable Energy.

▪ **Teaching Experience (teaching the following subjects):**

- 1- Engineering Drawing.
- 2- Engineering Mechanics (statics and dynamics).
- 3- Fluid Mechanics.
- 4- Thermodynamics.
- 5- Renewable Energy.
- 6- Drawing Mechanical Engineering.
- 7- Theory of Machines.
- 8- Applied Mechanics.
- 9- Technical Reports.

➤ **Personal Skills**

- Time management.
- Good presentation and documentation skills.
- Good in hand work skills.
- Excellent computer skills.
- Excellent communication skills.
- Excellent interpersonal, leadership, and motivational skills.

➤ **Core Skills**

- Good command of English language both written and spoken.
- Arabic is my mother tongue.

➤ **Personal Data**

- Data of Birth: July, 15th 1987.
- Nationally: Egyptian.
- Social Status: Married.
- Military Status: Finished.

➤ **Additional Information:**

- Reference available upon request.