

Curriculum Vitae (CV)

Mohamed Ashraf Eid Mohamed



Personal Information:

Academic Rank: Assistant Professor

Department: Mechanical Engineering

Specialization: Fluid Mechanics and Renewable Energy

Position: Assistant Professor in Mechanical Engineering

ORCID Record: <https://orcid.org/0009-0009-3662-3705>

Email mohammed.ashraf@hti.edu.eg

Mobile/WhatsApp: +20/ 1060693507

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:

Degree	Discipline	Institution	Year
Ph.D.	PHD of Philosophy in Mechanical Power Engineering	Faculty of Engineering at Shoubra- Benha University- Egypt.	August 2018
M.Sc.	Degree of Master of Science in Mechanical Power Engineering	Faculty of Engineering at Shoubra- Benha University- Egypt.	2013
B.Sc.	Bachelor of Science in Mechanical Engineering GBA: 3.66 (Grade: Excellent)	Higher Technological Institute- 10 th of Ramadan, Egypt.	August 2008

Academic Experience:

Institution: Higher Technological Institute- 10th of Ramadan

Rank: Assistant Professor

Dates: from August 2018 until now

Institution: Canadian International College - Higher educational institution in New Cairo

Rank: Assistant Professor

Dates: from Oct 2021 until now

Institution: El-Gazeera High Institute for Engineering

Rank: Assistant Professor

Dates: from September 2019 to May 2020

Institution: Higher Technological Institute- 10th of Ramadan

Rank: Research Assistant (PhD student)

Dates: from April 2013 to July 2018

Institution: Higher Technological Institute- 10th of Ramadan

Rank: Teaching Assistant

Dates: from August 2008 to March 2013

Research interests:

- Water Desalination Technologies
- Renewable Energy
- Refrigeration Technologies
- Heat Transfer
- Hydraulic Technologies

Publications:

- M. Elsayed, M. Salah Mansour, **M. A. Eid**, and M. M. Abdel-Raouf, “Thermal behavior of frozen products paired with PCM during winter and summer power outages,” Case Stud. Therm. Eng., vol. 53, no. September 2023, p. 103956, 2023, doi: 10.1016/j.csite.2023.103956.
- Abdelaziz, M.; Elsayed, M.; **Eid, M.A.** and Mansour, M.S.," Proposed Modeling of Natural Convection Cooling Heat Pipe,” J.Nucl. Tech. Appl. Sci., Vol. 10, PP. 1:10, 2022.
- H.A. Refaey, **M.A. Eid**, O.E. Abdellatief, R.Y. Sakr, &Nabil S. Berbish, “EXPERIMENTAL INVESTIGATION OF OPERATING PARAMETERS EFFECTS ON THE PERFORMANCE OF REVERSE OSMOSIS WITH THIN FILM COMPOSITE (TFC) MEMBRANE,” Journal of Porous Media, Vol 23(12):PP 2013–2022, 2020.
- **M. A. Eid**, H. A. Refaey, O. E. Abdellatief, R. Y. Sakr and Nabil S. Berbish, “Experimental Investigation of Reverse Osmosis Desalination System Performance, Part one: At Different Feed Stream Flow Rates,” Engineering Research Journal of Engineering Mataria, Vol 158., M1-M15, June 2018.
- **M. A. Eid**, H. A. Refaey, O. E. Abdellatief , R. Y. Sakr and Nabil S. Berbish, “Experimental Investigation of Effect of Feed Stream Temperature on the Performance of Reverse Osmosis Desalination System,” Journal of Faculty of Engineering at Shoubra, 2018.

Teaching Experience:

Courses taught

- Fluid Mechanics.
- Fluid Power.
- Turbo Machinery.
- Thermodynamics.
- Renewable Energy.
- Drawing Mechanical Engineering.
- Applied Mechanics.
- Technical Reports.
- Engineering Drawing.
- Engineering Mechanics (statics and dynamics).

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: October, 29th 1986.
- Nationally: Egyptian.
- Social Status: Married.
- Military Status: Finished.

Additional Information:

- Reference available upon request.