

Mohamed Abdelmagid Mohamed Abdelmagid

PERSONAL INFORMATION



Address: 354 Alasdekaa mosque. St, Abu Qir Fertilizers Building, Smouha, Alexandria

Mobile: +2 - 01222237170

Email: m.abdelmagid@hotmail.com

Gender: Male

Date of birth: 07/12/1987

Nationality: Egyptian

Marital Status: Married

Military Status: Exemption

WORK EXPERIENCE

8/2022 – Present

- **Assistant Professor** Full time in Mechanical Engineering Department.

- Horus university – Egypt.

- **Teaching Courses:**

Thermodynamics - Heat transfer – Environmental impact of project - Air conditioning.

- **Administrative Positions**

- Responsible for following up academic guidance in the Department.

- Member of the Mechanical Engineering Department Regulations Committee.

- Member of the self-standards committees of the College of Engineering.

- Member of the Education Quality Committee.

9/2021 – 8/2022

- **Assistant Lecturer** full time in Mechanical Engineering Department.

- Horus university – Egypt.

- **Teaching Courses:**

Thermodynamics – Engineering Drawing and Projection.

9//2011 – 6/2022

- **Assistant Lecturer** part time in Mechanical Engineering Department.

- Arab Academy for Science, Technology and Maritime Transport, Alexandria.

- Teaching courses for undergraduate students in Mechanical Engineering Department

- **Teaching Courses:**

Engineering Drawing - Thermodynamics I-II - Stress Analysis - Computer Aided Design (Machine Design) – Experimental Methods (Lab) - Renewable Energy.

9/2018 - 8/2021

- **Lecturer** part time at Technical and Vocational Institute

- Arab Academy for Science, Technology and Maritime Transport, Alexandria.

- **Teaching Courses:**

Mathematics (I-II) - Engineering Drawing & AutoCAD and Solid works.

EDUCATION AND TRAINING

- 7/2022**
- PhD in Energy and Process Control (Mechanical Engineering)
 - Oviedo University - Spain.
 - Outstanding grade
 - Heat transfer, Nanoparticles and Nanofluids fields.

- 2/ 2012 - 8 / 2015**
- Master Degree of Science in Mechanical Engineering.
 - Entitled "Heat transfer Enhancement in rotating tube in tube heat exchanger by Using copper - water Nanofluid (Experimental)".
 - Excellent grade.
 - Arab Academy for Science, Technology and Maritime Transport, Alexandria.

- 9/ 2006 - 7 / 2011**
- Bachelor of Science in Mechanical Engineering
 - Graduation project title "Vibration analysis of rotor - bearing system using MR damper"
 - Graduation project grade (Excellent)
 - Excellent grade with Honor.
 - Arab Academy for Science, Technology and Maritime Transport, Alexandria.

PEER REVIEWED JOURNAL PUBLICATIONS

- Korean journal of chemical Engineering.
- Editor at Iterative International Publishers (IIP).

LANGUAGE SKILLS

- Mother tongue - Arabic
- Other language - English

COMPUTER SKILLS

- Advanced knowledge of PC and Microsoft office tool (word, excel and power point).
- Good command of PC, operating system and program installation.
- Advanced knowledge of AutoCAD program.
- Advanced knowledge of Solid works and Solid Edge programs.
- Advanced knowledge of Matlab program.
- Advanced knowledge of ANSYS Fluent Software.

COURSES

- Design and manufacturing 3D printer experimentally at Oviedo University-Spain.
- Generic Internal Verification and preparing for EE RQF BTEC Higher Nationals(Pearson).
- Pearson MyLab & Mastering and Gradescope (Pearson).
- Getting Started Ways to Teach and Assess the BTEC Tech Award in Digital Information Technology (Pearson).
- What we know about teaching and assessing critical thinking (Pearson).
- U- value and surface temperature for constructions made from thermal homogeneous and thermal inhomogeneous layers (University of Bielefeld - Germany)

CONFERENCE

- International conference on Renewable Energy Systems and Environmental Engineering (IRESE) – Brussels (October 2020)
- 2nd international Research conference on Sustainable Energy, Engineering, Material and Environment (IRCSEEME)–Spain (July 2018)

SCHOLARSHIP

- KA107 Erasmus program Europe for 3 months at Oviedo University –Spain.

PUBLICATIONS

- M. A. El-Magid Mohamed, A. M. Fernández , A. M. B. Marigorta, A. J. G.Trashorras, Numerical study of heat exchanger with rotating inner tube using nanofluids under transitional flow, Under Review.
- M.A. El-Magid Mohamed, A.J.G.Trashorras, E.B.Marigorta, Numerical Investigation of Heat Transfer with Nanofluids in Concentric Tube Heat Exchanger under Transitional Flow, Energy Perspectives (2020).
- W.M. El-Maghlany, A.A. Hanafy, A.A. Hassan, M.A. El-Magid, Experimental Study of Cu - Water Nanofluid Heat Transfer and Pressure Drop in a Horizontal Double-Tube Heat Exchanger, Experimental Thermal and Fluid Science (2016).
- M.A.Elmagid, A.A.Hanafy, A.A.Hasan, W.M.Elmaghlany, Heat transfer enhancement in rotating tube in tube heat exchanger by using cu-water nanofluid, International Journal of Advanced Scientific and Technical Research, vol. 4, (2015).

REFERENCES

Prof. Ahmed Hanafy

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