



|   | Contact Information                                    |                          |                                      |
|---|--|--------------------------|--------------------------------------|
|   | Name: Mohamed Abdelmagid Mohamed                       |                          |                                      |
|   | Address: 354 Alasdekaa mosque. St, Abu Qir Fertilizers |                          |                                      |
|   | Building, Smouha, Alexandria- Egypt.                   |                          |                                      |
|   | Phone contacts: +2- 01222237170                        |                          |                                      |
|   | Email address: m.abdelmagid@hotmail.com                |                          |                                      |
|   | Google scholar:  |                          |                                      |
|   | Research gate: Mohamed A. El-Magid Mohamed             |                          |                                      |
|   | Web of science:  |                          |                                      |
|   | ORCID: 0000-0003- 4780- 4527                           |                          |                                      |
|   | SCOPUS:  |                          |                                      |
|   |  | tart with your most rece |                                      |
| Year  | School /   | Specialization           | Degree                               |
| 2022  | University   | Mashaufaal               | DL D                                 |
| 2022  | Oviedo   | Mechanical               | PhD                                  |
|   | university –<br>Spain                                  | Engineering              |                                      |
| 2015  | AASTMT   | Mechanical               | Master of science                    |
| 2013  | AASIMI   | Engineering              | Master of science                    |
| 2011  | AASTMT   | Mechanical               | Bachelor of Science                  |
|   |  | Engineering              |                                      |
| Academic Employment History (start with your most recent education first) |  |                          |                                      |
| From:   | To:  | University /             | Title of Position                    |
|   |  | Organization             |                                      |
| 2022  | Present  | Horus university         | Assistant Professor                  |
| 2021  | 2022   | Horus university         | Assistant lecturer                   |
| 2015  | 2021   | AASTMT                   | Assistant lecturer                   |
| 2011  | 2015   | AASTMT                   | Teaching Assistant                   |
| Administrative Positions:   |  |                          |                                      |
| From:   | То:  | University /             | Title of Position                    |
| 2022  | Dressont   | Organization             | Coordinator of                       |
| 2022  | Present  | Horus university         | Coordinator of following up on       |
|   |  |                          | following up on<br>academic guidance |
|   |  |                          | acaucinic guiuance                   |
|   |  |                          |                                      |
| Teaching Experience (Courses, Language, Higher Education Only)            |  |                          |                                      |
| Thermodynamics - Heat transfer – Environmental impact of project - Air    |  |                          |                                      |
| Conditioning - Engineering Drawing and Projection.                        |  |                          |                                      |
|   |  |                          |                                      |
|   |  |                          |                                      |

I do hereby declare that the information furnished above is true to the best of my knowledge.





## **Publications:**

Identify type of publication: book, refereed article, book chapter, journal article, non-refereed paper, major report, technical reports, research funds/grants-

-M. A. El-Magid Mohamed<sup>,</sup> A. M. Fernández, J. M. G.Caballín, A. Bowman, A. J. G.Trashorras, Numerical study of heat exchanger with rotating inner tube using nanofluids under transitional flow, Processes (2024).

-M. A. El-Magid Mohamed A. M. Fernández, A. J. G.Trashorras, Improvement of tube heat exchanger performance with perforated ring inserts, tube rotation and using nanofluids, Thermal Analysis and Calorimetry. (2024).

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).

## **Other Relevant Experience**

I do hereby declare that the information furnished above is true to the best of my knowledge.





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