

Hussein Magdy Elhusseiny

32, Roushdi St., Alexandria, Egypt.

Hussein_magdy@aast.edu

A Teaching Assistant working at the College of International Transport and Logistics, Arab Academy for Science, Technology and Maritime Transport. Currently at the final stages of obtaining the PhD, from the University of Minho, Braga, Portugal in Business Administration and Logistics. I am interested in developing a career which combines teaching and research.

Education

University of Minho, Braga, Portugal (2019-present).

PhD

I am currently conducting my PhD Degree titled 'Industry 4.0 Adoption on Manufacturing SMEs: An Empirical Study on Cairo Manufacturing SMEs'. Under the supervision of prof. Jose Antonio Crispim.

Arab Academy for Science, Technology and Maritime Transport (2014-2017).

MSc.

Conduct the MSc. Degree with (Excellent) degree from the Arab Institute for Commerce and Goods Stock in the Supply Chain Management. In addition to a thesis titled 'The Opportunities and Challenges of Applying the Intelligent Transport Systems on Road Transport in Egypt: A Case Study of Cairo – Alexandria Desert Road'.

Arab Academy for Science, Technology and Maritime Transport (2007-2011).

BSc.

Achieved the BSc. With (Excellent) Degree from the College of International Transport and Logistics.

Teaching/Supervising Experience

- Teaching Assistant, College of International Transport & Logistics, Arab Academy for Science, Technology and Maritime Transport (2017-present).
- Teaching logistics courses.
- Student Advisor.
- Student Training Coordinator.
- Supervising undergraduate dissertations.
- Assisting with program development and student assessment.
- Teaching online classes in IRU Diploma.

Publications

- Hussein Magdy Elhusseiny, José Crispim, SMEs, Barriers and Opportunities on adopting Industry 4.0: A Review., *Procedia Computer Science*, Volume 196, 2022, Pages 864-871, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2021.12.086>.
- Hussein Magdy Elhusseiny, José Crispim, A Review of Industry 4.0 Maturity Models: Adoption of SMEs in The Manufacturing and Logistics Sectors, *Procedia Computer Science*, Volume 219, 2023, Pages 236-243, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2023.01.286>.
- Hussein Magdy Elhusseiny, José Crispim, A Review of Industry 4.0 Maturity Models: Theoretical Comparison in The Smart Manufacturing Sector, *Procedia Computer Science*, Volume 232, 2024, Pages 1869-1878, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2024.02.009>.
- Hammad, M.A., Elhusseiny, H.M., Hammad, D.A. and Obrecht, M., 2021. Impacts of Covid-19 on Developing Countries: A Comparative Study on Foreign Trade Between China and Egypt. *Global Business and Management Research*, 13(3), pp.135-146.
- HM El Husseiny, B El Meligy, M Hassan , [The opportunities and challenges of applying intelligent transport systems \(ITSS\) on road transport in Egypt: a case study on Cairo/Alexandria desert road](#), *The Business & Management Review*, 2017.

Conferences and Presentations

- International Conferences on Information Systems and Project Management, October 2021, Braga, Portugal. On 'SMEs, Barriers and Opportunities on adopting Industry 4.0: A Review.'

- International Conferences on Information Systems and Project Management, November 2022, Lisbon, Portugal. On 'A Review of Industry 4.0 Maturity Models: Adoption of SMEs in The Manufacturing and Logistics Sectors.'
- 5th International Conference on Industry 4.0 and Smart Manufacturing (ISM), November 2023, Lisbon, Portugal. On 'A Review of Industry 4.0 Maturity Models: Theoretical Comparison in The Smart Manufacturing Sector.'

Professional Work and Awards

- Research Capacity Building Skills Program for Young and Early-Career Egyptian Scholars, U.S. Embassy, Cairo, 2021.
- Certificate of Reviewing research paper in ISM 2023 Conference titled 'A Comparative Analysis of Digital Maturity Models to Determine Future Steps in the Way of Digital Transformation.'
- Reviewed a research paper titled 'Assessing the Readiness for Industry 4.0 of Metalworking Companies: evidence in the South of Brazil' for the Int. J. of Technological Learning, Innovation and Development.
- Reviewed a research paper titled 'A Review of RFID Technology's Transformative Role in Smart Manufacturing and Industry 4.0.' ICISE 2024.
- Completed a Training Course from August 27th to September 16th on Water Supply and Drainage Technology for Developing Countries. Suzhou University, China.