

Ahmed Mostafa Ahmed Atia

Education:

1- B.Sc. Degree (July 2001), in Industrial and Production Engineering, with general grade very good, from Faculty of Engineering, Zagazig University, Egypt (1997 - 2001). General Grade: "Very Good with honours" by 77.76% and ranked the first among the department students.

2- M.Sc. degree, September 2011, in Productivity Improvement, Faculty of Engineering, Zagazig University, Egypt (2005 - 2011). Master Thesis Title: "Productivity Improvement in Industrial Sectors under the Environmental Constraints". Master was performed using SPSS and Minitab for data analysis. Supervisors:

- Prof. Gamal M. Nawara, Professor of Industrial Engineering, Faculty of Engineering, Zagazig University.
- Prof. M. Adel EL Baz, Professor of Industrial Engineering, Faculty of Engineering, Zagazig University.



Personal Identification:

Birth Date:

January 12, 1976

Nationality:

Egyptian

Sex and marital status:

Male and married

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Present Position:

Lecturer, Industrial Engineering Department, Faculty of Engineering, Zagazig University, Egypt.

Work Address:

Industrial Engineering Department, Faculty of Engineering, Zagazig University, Egypt.

Home address:

Zagazig, El-Shrkia, Egypt.

3- Ph.D. degree, December 2023, in Supply Chain, Faculty of Engineering, Zagazig University, Egypt (2017 - 2023). Doctoral Thesis Title: "Multi-Stage Supply Chain Network Design and Optimization". Doctoral studies was performed using Lingo and C# for coding the optimization model.

Supervisors:

- **Prof. Gamal M. Nawara**, Professor of Industrial Engineering, Faculty of Engineering, Zagazig University.
- **Prof. Kamal A. Moustafa**, Professor of Industrial Engineering, Faculty of Engineering, Zagazig University.
- **Prof. Raafat H. Elshaer**, Professor of Industrial Engineering, Faculty of Engineering, Zagazig University and King Khalid University, Abha.

Employment History:

- April 2002 – October 2004: Military Service as a first Lieutenant army.
- October 2004 – September 2011: Teaching Assistant, Industrial Engineering Department, Faculty of Engineering, Zagazig University, Egypt.
- March 2012 – December 2023: Assistant Lecturer, Industrial Engineering Department, Faculty of Engineering, Zagazig University, Egypt.
- December 2023 – Now: lecturer, Industrial Engineering Department, Faculty of Engineering, Zagazig University, Egypt.

Professional Experience:

Microsoft Office, Lean Manufacturing, Project Management, AutoCAD, Solid Works, Supervisory Skills, Kaizen, Inventory Control, Manufacturing, Continuous Improvement, Process Improvement, Six Sigma, Kanban, Team Leadership, Logistics, DMAIC, Production Management.

Research Experience:

About 6 years of experience in supply chain management, particularly in studying supply chain network design and optimization for Ph.D. degree.

Computer Skills:

- Programming languages and mathematical packages: C#, FORTRAN and MatLab.
- Computer aided design/engineering: SolidWorks, AutoCAD.
- Other: SPSS, Minitab, Lingo, C#.

Analytical Skills:

- Data Collection, data Analysis, data Integration, data Review and reasoning.

Research Skills:

- Designing research methods, developing a thesis statement and survey design.

Personal Attributes:

- Meeting deadlines, accuracy, creativity, decision making, multi-tasking, recording results precisely, self-management, time management and take responsibility.

Languages:

- Arabic: Fluent.
- English: Proficient.

Publications:

- Mostafa, A., Moustafa, K., & Elshaer, R. (2023). Impact of Fixed Cost Increase on the Optimization of Two-Stage Sustainable Supply Chain Networks. *Sustainability (Switzerland)*, 15(18). <https://doi.org/10.3390/su151813949>
- Mostafa, A., & Elshaer, R. (2022). New Ant Colony Optimization Algorithms for Designing Two-Stage Supply Chain with Fixed Costs. *Journal of Advanced Manufacturing Systems*, 1–14. <https://doi.org/10.1142/S021968672350018X>
- Nawara, G., Elbaz, M., & Attia, A. (2011). Productivity Growth and Factors Affecting Labor Productivity in Egyptain Economic Sectors. *The Egyptian International Journal of Engineering Sciences and Technology*, 14(EIJEST, Vol. 14, 2011), 265–277. <https://doi.org/10.21608/eijest.2011.96690>