



CURRICULUM VITAE

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AREAS OF EXPERTISE

- Computer Simulation
- Business Processing Reengineering
- Business Planning
- Production and Inventory Planning and Control
- Total Productive Maintenance and Maintenance Management
- Project Management
- Quality Assurance and Management, and Design of Experiments

EDUCATIONAL

CERTIFICATIONS

- **Ph.D.** ... May 1992, Industrial Engineering, Arizona State University, USA.
- **MS** ... Sept. 1989, Industrial Engineering, Arizona State University, USA.
- **BSME** ... June 1982, Mechanical Engineering, Ain Shams University, Egypt.

AWARDS & GRANTS

- **Distinction with honor**, Bachelor degree.
- **4.0/4.0 MS.**
- **4.0/4.0 Ph.D.**

ADVISORY & CONSULTATION

EXPERIENCE

1. Strategic Planning for a New Supplier Service Center, Kuwait National Petroleum Company (KNPC), Kuwait (April 2007).
2. Reengineering all processes of the *Pino Maroni* Furniture Manufacturing Company, Egypt (April 2006 – Current).
3. Consultant for the project "Conducting Study/Survey for KNPC Local Manufacturers and Contractors", Kuwait National Petroleum Company (KNPC), Kuwait (February – June 2006).



4. Reengineering production planning processes at Yosran Factories, Egypt (2005).
5. Establishment of a National Industrial Engineering Excellence Center, Ministry of Higher Education, Egypt (2005 – 2006).
6. Development of a Knowledgebase for Sharing Project Experiences, Council of Undersecretaries, Council of Ministries, Kuwait (2005 – 2006).
7. "Project Control", The Naga Hamady New Barrage, (2003 – Present).
8. "Strategic Planning and Feasibility of New Projects", El-Ameen Company for Plastics (2001 – 2002)
9. "Developing a Multimedia-Based Education Program for Engineering Probability and Statistics", UNESCO Cairo Office (UCO) within the USEE Program for modernizing university education in basic and engineering sciences (2000 – 2001).
10. "Developing a Decision Support System for Service Systems", Kuwait University (1996 – 1998).
11. "A Control Chart for Simulation Models Validation", Kuwait University (1994 – 1996).
12. "A Simulation Model of the Current Production Line with Automatic Interface to Order-Entry and a Continuous Model Update Facility", CIBA Vision Corporation, USA (1993 – 1995).
13. "Developing a Modular Manufacturing Facility for the Defense Personnel Support Center", The Defense Logistics Agency, USA (1993).
14. "Measuring Public Perception of Service Quality", Council of Ministries, Diwan of Following up to the Performance of the Administrative Body and Citizen Complains, Kuwait (1994 – 1997).
15. "Simulation of Public Facility Centers", Council of Ministries, Diwan of Following up to the Performance of the Administrative Body and Citizen Complains, Kuwait (1994 – 1997).
16. "Simulation of the Apparel Production Facility, Process Modeling and Control", Clemson Apparel Research, Clemson, SC (1992 – 1994).
17. "Strategic Planning and Various Studies for Management Review in the Work Scheduling, Facility Planning, Economic Analysis, Transportation, Performance Standards, Forecasting, and Inventory Planning", Fleming Companies, Inc., Phoenix, Arizona (1987 – 1992).
18. Factory Manager, El-Ameen Company for Plastics (1984 – 1985)
19. Production Engineer, El-Ameen Company for Plastics, Cairo, Egypt (1982 – 1984).

TRAINING

EXPERIENCE

1. Building a Successful Survey, 4-day course, KNPC, Kuwait.
2. Business Process Reengineering, 5-day course, Settedc Ltd.
3. Total Productive Maintenance: The Japanese Model of Excellence, 5-day course, Settedc Ltd.
4. Materials Management and Handling, 5-day course, Settedc Ltd.
5. Project Management, 6-day course special course for El-Sewedy for Cables.



6. Project Management, 3-day course special course for Kandeel Steel Industry.
7. Six Sigma: The Regression Module, 3-day course, Institute of Quality Management, AUC.
8. Six Sigma: The DOE Module, 3-day course, Institute of Quality Management, AUC.
9. Quality Assurance Workshop, 1-day cross company training, First Service.
10. Quality Management and Assurance Workshop, 4-day hands-on training, First Service.
11. Total Quality Management, 5-day course, Naga Hamady Barrage.
12. Information Analysis and Decision Support, 2-day course, Settecd Ltd., EgyNet.
13. Production Planning and Control, 3-day course, Settecd Ltd., Egypt.
14. Inventory and Materials Management, 4-day special course for Kuwait National Petroleum Company.
15. Quality Assurance Through ISO 9000 Registration, 4-day course, delivered 5 times in Kuwait.
16. Simulation of Industrial Processes, 3-day course, taught in Clemson University, USA.
17. Computer Simulation for the Apparel Industry, 2-week special course for the Defense Personnel Support Center, The Defense Logistics Agency, USA.

ACADEMIC & WORK EXPERIENCE

- **2000** – Present ... Associate Professor, The American University in Cairo.
- **1994 – 2000** ... Assistant Professor of Industrial Engineering, Kuwait Univeristy.
- **1992 – 1994** ... Assistant Professor of Industrial Engineering (tenure track), Clemson University.
- **1990 – 1992** ... Research Assistant, IBM, CIM in Higher Education.
- **1989 – 1990** ... Research Assistant, Garrett Turbine Engine, welding automation needs analysis using computer simulation.
- **1988 – 1992** ... Instructor, Arizona State University.
- **1988 – 1989** ... Research Assistant, National Science Foundation, creation of a new generation of knowledge-based simulation tools.
- **1984 – 1985** ... Factory Manager, El-Ameen Company for Plastics.
- **1982 – 1984** ... Production Engineer, El-Ameen Company for Plastics, Cairo, Egypt.
- Published many journals and conference papers in internationally refereed journals, and supervised master students.

PERSONAL

Date of Birth ... 24 April 1960
Nationality ... Egyptian
Languages ... Arabic, English