

RESUME

Name: : Abdel Nasser H. R. Zaied, Ph.D.

**Professor of Systems Engineering (Information Systems),
Dean, College of Computers and Informatics,
Zagazig University, Egypt.
Adviser to the Minister of Higher Education for Private
and National Universities, Egypt.**



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Academic Background:

Ph.D. in Systems Engineering:

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

M.Sc. in Mechanical Engineering:

Department of Mechanical Engineering, College of Engineering, Ain Shams University, Egypt.

B.Sc. in Mechanical Engineering:

Department of Mechanical Engineering, College of Engineering, Ain Shams University, Egypt.

Employment Background:

- 2/2013 – now : Dean, College of Computers and Informatics, Zagazig University, Egypt.
- 9/2009 – 2/2013: Vice-dean for education and students affairs, College of Computers and Informatics, Zagazig University, Egypt.
- 4/2007 – 9/2009: Associate Professor, Industrial Engineering Department, College of Engineering, Zagazig University, Egypt.
- 9/2002 – 2/2003: Acting Director, Technology Management Department, College of Graduate Studies, Arabian Gulf University, Bahrain.
- 4/2002 – 8/2009: Assistant Professor of Technology Management, Technology Management Department, College of Graduate Studies, Arabian Gulf University, Bahrain.
- 3/2000 – 3/2002: Visiting Professor, Mechanical Engineering Department, School of Engineering and Computer Science, Oakland University, Rochester, MI 48309, USA
- 9/1997 – 3/2000: Assistant Professor, Industrial Engineering & Systems Department, College of Engineering, Zagazig University, Egypt.
- 11/1990 – 8/1997: Assistant Professor, Industrial & Production Engineering Department, College of Engineering, Zagazig University, Egypt.
- 4/1987 – 11/1990: Teaching Assistant, Systems Engineering Department, College of Engineering, Zagazig University, Egypt.
- 4/1986 – 4/1987: Demonstrator, Systems Engineering Department, College of Engineering, Zagazig University, Egypt.

12/1981 – 4/1986: Planning Engineer, Planning and Projects Sector, Benha Co. for Electronic Industries, Egypt.

University Positions and Administrative Memberships:

- 7/2013 – now: Member, Communication & Information Technology Center, Zagazig University, Egypt.
- 5/2013 – now: Adviser to the Minister of Higher Education for private and national universities.
- 2/2013 – now: Member, University Council, Zagazig University, Egypt.
- 2/2013 – now: Member, University Employing Committee, Zagazig University, Egypt.
- 2/2013 – now: Member and coordinator, University Conventions Committee, Zagazig University, Egypt.
- 2/2013 – now: Member and coordinator, University Libraries Committee, Zagazig University, Egypt.
- 2/2013 – now: Member, University Instruments Committee, Zagazig University, Egypt.
- 2/2013 – now: President, CITRC, College of Computers and Informatics, Zagazig University, Egypt.
- 2/2013 – now: Member, IT Executive Committee, Supreme Council of Universities, Egypt.
- 1/2013 – now: Member and coordinator, Supreme Committee for evaluation and performance follow-up for Private and National Universities, Ministry of Higher Education, Egypt.
- 8/2010 – 2/2013: Vice president, CITRC, College of Computers and Informatics, Zagazig University, Egypt.
- 2/2010 – 2/2011: Chair of College's Project Management Unit, College of Computers and Informatics, Zagazig University, Egypt.
- 1/2010 – 1/2011: Chair of College's Quality Assurance Committee, College of Computers and Informatics, Zagazig University, Egypt.
- 10/2009 – 6/2013: UNIGIS coordinator, UNIGIS@ZAGAZIG, Educating GIS Professionals Worldwide, Zagazig University, Egypt / Salzburg University, Austria.
- 9/2009 – 2/2013: Member of College' Council, College of Computers and Informatics, Zagazig University, Egypt.
- 9/2009 – 2/2013: Chair of Student Affairs Council, College of Computers and Informatics, Zagazig University, Egypt.
- 9/2009 – 2/2013: Member and college representative, University Student Affairs Council, Zagazig University, Egypt.
- 9/2009 – 2/2013: Chair of emergency and disaster committee, College of Computers and Informatics, Zagazig University, Egypt.
- 9/2008 – 8/2009: Member and coordinator, University Quality Assurance Committee, Arabian Gulf University, Bahrain.
- 9/2006 – 8/2009: Chair of university quality committee, Arabian Gulf University, Bahrain.
- 9/2005 – 8/2009: Member, Distance Education and Continual Training Committee' Council, College of Graduate Studies, Arabian Gulf University, Bahrain.
- 9/2004 – 8/2009: Member & coordinator, University Strategic Planning Committee, Arabian Gulf University, Bahrain.
- 9/2004 – 11/2006: Member & coordinator, College of Graduate Studies' Council, Arabian Gulf University, Bahrain.

- 9/2002 – 10/2004: Member & coordinator, Sphere of Technological Studies' Council, College of Graduate Studies, Arabian Gulf University, Bahrain.
- 9/2002 – 9/2004: Member & coordinator, University Consultant' Council, Arabian Gulf University, Bahrain.
- 4/2002 - 8/2009: Member & coordinator, Technology Management Program Committee, College of Graduate Studies, Arabian Gulf University, Bahrain.
- 9/1999 - 3/2000: Member & coordinator, College of Engineering' Council, Zagazig University, Egypt.
- 9/1999 - 3/2000: Chair of College's quality committee, College of Engineering, Zagazig University, Egypt.
- 9/1997 - 3/2000: Member & coordinator, Industrial Engineering & Systems Department' Council, College of Engineering, Zagazig University, Egypt.
- 9/1995 – 8/1996: Member & coordinator, Advisory Council for Developing Industrial Engineering Education, College of Engineering, Zagazig University, Egypt.
- 9/1993 - 8/1995: Member & coordinator, Student Affairs' Council, College of Engineering, Zagazig University, Egypt.
- 9/1990 – 8/ 1997: Member & coordinator, Industrial & Production Engineering Department' Council, College of Engineering, Zagazig University, Egypt.

Academic Experiences:

1- Courses Taught

Develop and taught a wide variety of graduate and undergraduate courses as follows:

a- Undergraduate Courses:

College of Engineering, Zagazig University, Egypt (1990-1999).

Applied Statistics	Projects Management
Engineering Economy	Facilities Planning and Design
Human Factors Engineering	Industrial Robotics
Machine Tool Design	Measurements
Theory of Metal Cutting and Forming	Jigs and fixtures
Maintenance Planning and Control	Management Information Systems
Operations Research	Simulation
Production Management	Production Planning and Control

Benha Higher Institute of Technology, Egypt (1996-1997).

Production Planning and Control	Plant Layout
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Oakland University, USA, (Fall 2000, Winter 2001& Spring 2001)

Statics and Dynamics

College of Computers and Informatics, Zagazig University, Egypt (Fall 2009 - now).

Regular Program:

Organizational Behavior (HU 105)	Fundamentals of Management (DS 150)
Fundamentals of Information Systems (IS 200)	Human Rights and IT Ethics (HU 250)
Project Management (DS 250)	Systems Analysis and Design II (IS 350)
Expert Systems and Decision Support System (IS 355)	

E-Business System Strategy (IS 400) Business Process Engineering (IS 402)
Information Services Management (IS 415) Project I&II (IS 450)
E-Business Technologies (IS 465) Distributed and Mobile Database (IS 405)

New Program (Credit hour system):

Project Management (DS 300) Project (ITM 400)
Technology and Innovation Management (DS 200)
Information Services and Resources Management (IS 303)
Database Administration (IS 407) Information Risk Management (IS 412)
Information Systems: An E- Commerce Introduction (IS413)

Integrated Thebes Institutes (Winter 2012& Spring 2012)

Introduction to Operating Systems (1503)
Office applications packages (1403)

b- Graduate Courses:

Sadat Academy, Egypt (1993-1995).

Management Information Systems Systems Analysis and Design

Arabian Gulf University, Bahrain (Fall 2001- Winter 2005)

Technology Selection (TCM 534) Quality Management (TCM 527)
Technology and Society (TCM 503) Seminar (SEM 600, SEM 700)
Principles of Management (TCM 527) Diploma Project (DIS 640)
Research methodology (TCM 500)
Field, Case Studies and Directed Research (TCM 509 &TCM 609)

Arabian Gulf University, Bahrain (Fall 2005 - Winter 2008)

Technology Selection (TCM 0533) Project Management (TCM 0621)
Total Quality Management (TMI 0624) Diploma Project (TCM 0540)
Technical Writing for Diploma (TCM 0501) Research Methods (TCM 0612)
Quality Management in Business (TMB 0626)
Ethics and Legal Issues in Business (TMB 0622)
Quality Management for Engineers (TME 0627)

College of Engineering, University of Bahrain, Bahrain (Winter 2002- Fall 2006)

Human Factors Engineering (Winter 2002, Winter 2003)
Systems Engineering (Fall 2003, Fall 2004, Fall 2005 & Fall 2006)
Quality Management for Engineers (Winter 2004, Winter 2005 & Winter 2006)

College of Computers and Informatics, Zagazig University, Egypt (Fall 2009 - now).

Advanced Information systems analysis and design (IS 603)
Advanced Spatial Database Design (GIS 606)
Knowledge Engineering (IS610)
Knowledge Management and Decision Systems (IS611)
Information system development methods and technologies (IS612)
Legal and Ethical Issues in Information Systems (IS 613)
Business Process Design and Implementation (IS 615)
Quality Assurance of Information Systems (IS 617)
Information Risk Assessment and Security Management (IS618)
Decision technologies for e-business (IS 624)

Technologies for B2B E-commerce (IS 626)
E-Business System Solution (IS 627)
Information and Database System Security (IS 628)
Research Seminar in IS (I&II) (IS 630-IS 631)
Special Topics in Information Systems (IS 632)
Decision Theory (DS 604)
Human Resource Management (DS 609)
Project Management (DS 621)
Risk Management (DS 625)
Strategies and Planning Management (DS 629)

UNIGIS Program, Zagazig University, Egypt / Salzburg University, Austria (Fall 2009 - now).

GIS Introduction (UNIGIS-M1)
GIS Organization and Project Management (UNIGIS-M4)
Geographical Analysis (UNIGIS-M6)
Project Management (UNIGIS-M9)
Euro-GIS (UNIGIS-L5)

Arab Academy for Science, Technology & Marine Transport (2013 – now):

Systems Analysis and Design (IS 612)
Systems Analysis and Design (IS 691)

2- Thesis Supervisions:

Act as supervisor and co supervisor on the following thesis:

Zagazig University, Egypt (1992 – 2004):

- 1- Magdy Mostafa “Selection and development of a system for measuring the partial productivity with applications to some industrial companies”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1992.
- 2- Nader E. Hafez, “Maintenance management system”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1992.
- 3- Wahid E. Amer, “Analysis and evaluation of delays in construction projects in Egypt”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1994.
- 4- Ahmed El Sadek, “Computer application in production planning and control”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1995.
- 5- Khalid El Darandaly, “Water resources development using artificial intelligence and expert system approach “, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1995.
- 6- Mansour Abou-Gamila, “Improving productivity in some industrial operations through CAD\CAM systems”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1996.
- 7- Ashraf Abd El Fatah, “Computer aided production planning and control”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 1997.
- 8- Mohamed Abd El Fatah, “Study of Statistical Process Control for Quality Assurance”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 2000.

- 9- Magdy Mostafa, "Development of a Flexible Productivity System for Manufacturing Systems, Supported by an Expert System.", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2000.
- 10- Ahmed El Sadek, "The Interactive Process between Some Dispatching Mechanisms and Interruption Machine Centers in Flexible Manufacturing Systems", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2000.
- 11- Wahid E. Amer, "Expert System for diagnosing delay's problems in construction projects in Egypt", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2002
- 12- Ashraf S. Abdu, "Expert System for Flexible Manufacturing Systems", **Ph.D.** thesis, Zagazig University, Egypt, 2002.
- 13- Khalid El darandaly, "Intelligent Information Systems for Multi criteria Facilities Layout", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2003.
- 14- Mansour Abou-Gamila, "An Integrated Planning and Control system for scheduling in Flexible Manufacturing systems", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2004.

American University in Cairo, Egypt:

- 15- Mohamed Osama, "Developing Low Cost Software Usability Tests Using Expert System", **M.Sc.** thesis in Industrial Engineering, American University in Cairo (AUC) , Egypt, 2000.

Arabian Gulf University, Bahrain (2003 – 2010):

- 16- Sabah N. Asad, "Assessment of Bio-hazardous Waste Treatment Technologies and Selecting the best Technology for the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2003.
- 17- Khalid Al. Lanqawi, "The Development of Emergency Operations in Department of Civilian Defense in The State of Kuwait using Expert Systems Technology", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2003.
- 18- Abdellah M. Al Mesbah, "The comparison of technological choices for water conservation in Kuwaiti Mosques", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2004.
- 19- Dana K. Al-Zayani, "The Critical Technologies and their Role in Enhancing the Economic Competitiveness in the Kingdom of Bahrain", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2004.
- 20- Aziz N. Al-Enzy, "The important factors affecting the technology selection process in the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2004.
- 21- Tarek El Kandary, "The role of BOT projects in the selection and acquisition of technology in the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2006
- 22- Ahmed El Shemmary, "Study and Evaluate Technological Options for Electric Power Usage Protection – Military Engineering Management Department – Ministry of Defense in the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2006.

- 23- Yousef El Khalidy, "Assessment of Technological Options for Green house Gas Mitigations in Electrical Power Plants in The Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2008.
- 24- Walid Bu Gorwah, "Selection of an Appropriate Security Mapping Model to enhance Information Security: Applied Study: Ministry of Defense in the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2008
- 25- Athary Nasser, "Success factors towards applying e-services in ministry of defense in the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, 2008.
- 26- Meshaal A. Sadeq, " Faculty's perception towards applying e-learning in higher education in the State of Kuwait", **M.Sc.** thesis in Distance Teaching and Continual Training, Arabian Gulf University, Bahrain, 2008.
- 27- Aliaa Merza, "Teachers and student's perceptions towards using e-learning in teaching in the State of Kuwait and its relations with some demographic and experiences factors", **M.Sc.** thesis in Distance Teaching and Continual Training, Arabian Gulf University, Bahrain, 2008.
- 28- Noora O. Ajoor, "Study the Possibility of Applying Quality Management Programs to Improve Healthcare Services", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2009).
- 29- Salem Al Qahtani, "Analysis and Evaluation of the Automated Maintenance Management System in Masajed Sector, Ministry of Awqaf, State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2009).
- 30- Woroud Al-Othman,"Study and Analysis of Traffic System at Isolated Signalized Intersections with Fixed Timing Control Strategies: Case Study from Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2009).
- 31- Anood Al-Toriman," Analysis and Evaluation of Construction Project Delays in Developing Countries: Case Study from the State of Kuwait", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2009).
- 32- Thaar S. AL-Mutairi, "Building a Learning Organization Model as a approach to Organization Development- Case Study (Royal Commission for Jubail and Yanbu in Saudi Arabia) ", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2009).
- 33- Mohamed Ben Daina, "The Impact of Using Speed Control Technologies on Eliminating Vehicles Accidents in the Kingdom of Bahrain", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2009).
- 34- Fadhel Abbas, "Study and Selection of the Appropriate Power Saving Technology: Case Study: Abu GaGour and AlDoor Water Desalination Stations", **M.Sc.** thesis in technology Management, Arabian Gulf University, Bahrain, (2010).

Zagazig University, Egypt (2009 – now):

- 35- Mona Gamal, "A Bayesian Network Model for Data Mining in Bioinformatics Database", **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, (2013).

- 36- Gawaher Soliman,” The Role of knowledge management in enhancing Organization Performance”, **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, (2013).
- 37- Samah Ibrahim,” Design of an Expert System for Selecting Information Systems Development Methodologies”, **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, (2013).
- 38- AlShaimaa A. Tantawy, “Enhancing Software Process Improvement Models Capabilities”, **PhD.** thesis in Information Systems, Zagazig University, Egypt, (**In Progress**).
- 39- Islam Samy, “Applying Website Usability Testing Techniques to Promote E-services Usages”, **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, (**In Progress**).
- 40- Sahimaa Saber, “Developing an allocation framework for information security systems” **M.Sc.** thesis in Decision Support Systems, Zagazig University, Egypt, (**In Progress**).
- 41- Seham A. Abd Elhameed, “Developing an E-Health Management System in Egypt”, **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, (**In Progress**).
- 42- Asmaa H. Ghonamy, “Hybrid E-government Using Cloud Computing and Service Oriented Architecture”, **PhD.** thesis in Information Systems, Zagazig University, Egypt, (**In Progress**).
- 43- Ahmed Adly,” An integrated model for project management success”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).
- 44- Woroud Al-Othman,” Improving the Traffic Situation in the State of Kuwait by Developing a Smart Traffic Management Systems”, **PhD.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).
- 45- Ghada M. Adel Kholief, “A lean Six Sigma Methodology for Industrial Application”, **PhD.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).
- 46- Bushra T. Abdullah, “Finding optimum or near to optimum solutions of procurement models using fuzzy logic“, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).
- 47- Mohab A. Moustafa, “Developing supply chain using Six Sigma approach“, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).
- 48- Doaa A. Abdelraheem, “Managing the product variety risks in the supply chain“, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).
- 49- Mohamed H. Haweel, "A Conceptual Framework of the Relationship between Human Resource Management Practices and Company Productivity", **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, (**In Progress**).

Mansoura University, Egypt (2009 – now):

- 50- Rehab M. Nageeb, “Enhancing Educational Systems Using Learning Techniques”, **M.Sc.** thesis in Information Systems, Mansoura University, Egypt, (**In Progress**).

Salzburg University, Austria (2010 – now):

- 51- Olevia Magdy, “Urban Development for Slums Areas in Cairo Using GIS Techniques”, **M.Sc.** thesis in Geographical Information Systems, Salzburg University, Austria, (2013).

3- Thesis Examination:

Act as examiner for the following thesis:

Arabian Gulf University, Bahrain (2003 – 2009):

1. Sultan A. Al-Sulatti, “Total Quality Management Application in the Services: Sector of General Directorate of Nationality Passports and Residence in the Kingdom of Bahrain”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2003.
2. Fasil K. Al Zahrani, “The Effects of Total Quality Management on The success of Saudi Manufacturing Organizations“, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2003.
3. Ahmed M. Khan, “Applying Technology Audit for Assessing Chemical Manufacturing Company - Gulf Stabilizers Industries - In the Kingdom of Saudi Arabia”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2004.
4. Afaf M. Bu Khawa, “Improvement of The Performance of The Emergency Department Using Value Chain Technique”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2004.
5. Faraj Abdullah Al-Khairalla, “Perceptions towards the Appropriateness of Information Environment for the Applications of e- government in Kuwait”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2006.
6. Monther A. Al Beitam, “Measuring the Innovative Capabilities of the Aluminum Industrial Sector in Kingdom of Bahrain”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2006.
7. Mohamed H El Asfoor, “The Selection of Appropriate Landing Technology for Gulf Air Ports”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2007.
8. Jassem M. Alaqra, “Criteria for Selecting the Appropriate Technology for Television Studios- Case study: Kuwait Television), **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2007.
9. Samya A. Shehab, “Undergraduate Learners’ Perceptions of Blended Learning & its Relationship with Some Demographic and Experiential Variables at Arab Open University – Bahrain Branch”, **M.Sc.** in Distance Teaching and Continual Training, Arabian Gulf University, Bahrain, 2007.
10. Ahmed Al Faraj, “Evaluation of the Potential use of virtual studio technology in T.V Programs”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2007.
11. Bader O. Al-Felajj, “The Effects of Blended Learning in Teaching Computer Programming I Course on Academic Achievement and Satisfaction for Female Sophomore Students in Kuwait University”, **M.Sc.** in Distance Teaching and Continual Training , Arabian Gulf University, Bahrain, 2008.
12. Fatema M. Al-Khader, “The Effects of using Interactive Multimedia Supported Activities in Distance Learning on Academic Achievement, Retention and

- Satisfaction in a College Course”, **M.Sc.** in Distance Teaching and Continual Training, Arabian Gulf University, Bahrain, 2008.
13. Jawaher Al Enzy, “The Effectiveness of Artificial Neural Networks in Forecasting the Student Risk: Case Study on Pre-Medical Students of Arabian Gulf University”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2008.
 14. Badriah A. Al Kandari, “ The Effect of Using E-Activities in Blended Learning on Academic Achievement and Student’s Satisfaction with the Environmental Education Course in Kuwait University”, **M.Sc.** in Distance Teaching and Continual Training , Arabian Gulf University, Bahrain, 2008.
 15. Abdullah K. Aldhafiri, “The Barriers Facing Students and Staff Members at Kuwait University when using Virtual Learning Environment”, **M.Sc.** in Distance Teaching and Continual Training, Arabian Gulf University, Bahrain, 2008.
 16. Abdullah A. Qahtan, “Effects of multimedia in improving the learning skills of memorizing and reciting the Holy Quran”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2008.
 17. Zaki Al Sadah, “Environmental Management System in the Chemical Plastic Industries at Estern Province, Kingdom of Saudia Arabia”, **M.Sc.** in Environmental Management, Arabian Gulf University, Bahrain, 2008.
 18. Anwar M. Abu Netaifah, “The Use of Engineering Design Software According to the Blended Learning Concept in Teaching Some Topics of Fundamentals of Petroleum Engineering Course and its Effects on Student’s Achievemet and Attitudes”, **M.Sc.** in Distance Teaching and Continual Training, Arabian Gulf University, Bahrain, 2008.
 19. Jasem M. Abdullah, “Indigenization of Technologies in the Industries Contributing to the Refining Industries in the State of Kuwait”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2009.
 20. Douaa O. Abaud, “The Role of knowledge management in enhancing the innovation capability of Saudi companies“, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2009.
 21. Hessa B. Al Sabaa, "The effectiveness of the Foreign Direct Investment in Technology Transfer to State of Kuwait", **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2009.
 22. Maitha A. Bubshait, “Success Factors of ERP System Implementation for Oil and Petrochemical Companies”, **M.Sc.** in Technology Management, Arabian Gulf University, Bahrain, 2009.

Zagazig University, Egypt (2009 – now):

23. Shaimmaa M. Mhamoud, “Crisis and Risk Management Assessment Tools: Comparative Study”, **M.Sc.** thesis in Decision Support Systems, Zagazig University, Egypt, 2011.
24. Mohamed A. Attia, “On Characterizations of Distributions, with Applications”, **M.Sc.** thesis in Decision Support Systems, Zagazig University, Egypt, 2011.
25. Ahmed M. Ahmed, “Productivity Improvement in The Industrial Sector under the Environmental Constraints”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 2011.
26. Moustafa A. Moustafa, “Application of Industrial Engineering Techniques in Productivity Management in the Small and Medium Enterprises”, **M.Sc.** thesis in Industrial Engineering, Zagazig University, Egypt, 2012.

27. Wafaa T. Fag El-Nour, "Mining clinical relationships from patient narratives", **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, 2013.
28. Nashwa E. Ahmed, "On methods for solving the time cost trade off problem in project management", **M.Sc.** thesis in Decision Support Systems, Zagazig University, Egypt, 2013.
29. Wael S. Hasanean, "Solving the Daily Job-Shop Scheduling Problem", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2013.
30. Hany A. Alrawashda, "Development of a Genetic Algorithm for Solving Flow Shop Scheduling Problem", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2013.
31. Hasnaa R. Soliman, "Performance Modeling for Handheld Data Collection to a Host Database System", **M.Sc.** thesis in Information Systems, Zagazig University, Egypt, 2013.
32. Ahmed M. Abed, "Developing Lean Six-Sigma using Image Verification in System Tracking", **Ph.D.** thesis in Industrial Engineering, Zagazig University, Egypt, 2014.

Mansoura University, Egypt (2009 – now):

33. Ahmed M. Elhalawany, "Unified Modeling Language Base Web Engineering", **M.Sc.** in Computer Science, Mansoura University, Egypt, 2009.
34. Ayia E Ahmed, "Enhancing XML Compression Techniques", **M.Sc.** in Computer Science, Mansoura University, Egypt, 2013.

Arab Academy for Science, Technology & Marine Transport (2009 – now):

35. Hassn K. Elawah, "Earthmoving Productivity and Cost Estimating Using Computer Modeling and Simulation", **M.Sc.** in Project Management, Arab Academy for Science, Technology & Marine Transport, Alexandria, Egypt, 2009.
36. Abeer. A. Youssef, "A Study of Prediction Techniques in Estimating Concrete Materials' Prices in Egypt", **M.Sc.** in Construction Management, Arab Academy for Science, Technology & Marine Transport, Alexandria, Egypt, 2010.
37. Amira A. Moustafa, "Dynamic Facility Problem Layout under Different Topologies", **M.Sc.** in Industrial and Management Engineering, Arab Academy for Science, Technology & Marine Transport, Alexandria, Egypt, 2012.
38. Ahmed S. Wagih, "Use of Semantic Wiki as a Capturing Tool for Lessons Learned in Project Management", **M.Sc.** in Information Systems, Arab Academy for Science, Technology & Marine Transport, Cairo Branch, Egypt, 2013.

Benha University (2012 – now):

39. Rehab E. Mohamed, "Automated Monitoring and Measuring Improvement of Production System Performance", **M.Sc.** thesis in Mechanical Engineering, Benha University, Egypt, 2012.

Salzburg University, Austria (2010 – now):

40. Marwa M. Khater, "Site Selection for Medical Emergency Service Station Using GIS in Markaz El Zagazig, Sharkia Govern, Egypt", **M.Sc.** thesis in Geographical Information Systems, Salzburg University, Austria, 2012.
41. Abdel Haleem A. Azab, "New Approach: Implementing GIS Techniques in Analyzing The Production And Distribution of Potable Water at 10th of

- Ramadan City", **M.Sc.** thesis in Geographical Information Systems, Salzburg University, Austria, 2013.
42. Farid K. Ghanem, "Flashflood Impact Analysis Using GIS and Remote Sensing: A case study, Wadi Abu- Hasah and its Impact on Tell El-Amarna Archaeological Area", **M.Sc.** thesis in Geographical Information Systems, Salzburg University, Austria, 2013.
43. Said A. Heikal, "Mapping Terrain Characteristic in the Northern Gulf of Suez", **M.Sc.** thesis in Geographical Information Systems, Salzburg University, Austria, 2013.

4- Publications:

Papers published in refereed Journals:

1. M. A. Shouman, G.M. Nawara, **A. H. Reyad** & A.M. El Sadek, "The Interactive Process between Some Dispatching Mechanisms and Interrupted Machine Centers in FMSs", Journal of Materials Processing Technology, Vol. 107, 2000, pp: 466-477 – ELSEVIR, available online at: <http://www.ingentaconnect.com/content/els/09240136/2000/00000107/00000001>
2. Nahed Sobhi, **Abd Elnasser Hussin** & Mohamed Grida, " A Technique for Cost Justified Software Usability Testing", "Engineering Research Journal, " Helwan University, Vol. 69. June 2000.
3. M.A.Shouman, **A. H. Reyad**, G.M.Nawara, K.A. Eldrandaly & D.Z.Sui, "On the Use of Expert Systems, Multicriteria Decision Making, and Geographic Information Systems in Site Selection (Quick Review)", Alexandria Engineering Journal. Vol.41 (2002), No. 6, pp: 909-917.
4. **Abdel Nasser H. Zaied**, "Surface Roughness Prediction for End Milling Using Fuzzy Logic", Scientific Bulletin of Ain Shames University, College of Engineering, Vol. 40, No. 1, 2005.
5. **A. N. H. Zaied**, "Development of Driver Assistance Collision Avoidance Fuzzy System", Emirates Journal for Engineering Research (EJER), V. 11 No. 1, 2006, pp: 33-41, available online at: http://www.engg.uaeu.ac.ae/ejer/issues/V11/iss1_11.htm
6. **Abdel Nasser H. Zaied**, "A Framework for Evaluating and Selecting Learning Technologies", International Arab Journal for Information Technology (IAJIT), Vol. 4, No. 2, April, 2007, pp: 154-160, available online at: www.informatik.uni-trier.de/~ley/db/journals/iajit/iajit4.html.
7. **Abdel Nasser H. Zaied**, Faraj A. Khairalla & Wael Al-Rashed, "Assessing e-Readiness in the Arab Countries: Perceptions Towards ICT Environment in Public Organizations in the State of Kuwait", Electronic Journal of e-Government Vol. 5 I. 1, 2007, pp: 77 - 86. available online at: [www.ejeg.com/volume-5/vol5-iss1/Zaied et al.pdf](http://www.ejeg.com/volume-5/vol5-iss1/Zaied_et_al.pdf)
8. **Abdel Nasser H. Zaied** & Faraj A. Khairalla, "Risk Assessment for Implementing E-Services in Some Ministries in the State of Kuwait", Arab Gulf Journal of Scientific Research, Vol. 25, No. 3, 2007, ISSN 1015-4442.
9. **Abdel Nasser H. Zaied**, "Strategic Planning for E-Development in Developing Countries", International Arab Journal for Information Technology (IAJIT), Vol. 5, No. 2, April, 2008, pp: 109-114, available online at www.informatik.uni-trier.de/~ley/db/journals/iajit/iajit5.html and <http://www.ccis2k.org/iajit/PDF/vol.5.no.2/1-85.pdf>

10. **Abdel Nasser H. Zaied**, “Quantitative Models for Planning and Scheduling of Flexible Manufacturing System”, Emirates Journal for Engineering Research (EJER), Vol. 13 No. 2, 2008, pp: 1-10, available online at: www.engg.uaeu.ac.ae/ejer/issues/V13/iss1_13/p1
11. K. Eldrandaly, **A. Zaied**, and D. Sui “GIS and Systems Integration Techniques for Decision Making Applications - Current Practice and Future Trends”, Saudi Computer Journal – Applied Computing & Informatics (ACI), Vol. 2 I. 2, 2008, pp: 37-52, available online at http://ipac.kacst.edu.sa/eDoc/2009/175369_1.pdf
12. **Abdel Nasser H. Zaied** “Priority Indexing Model for Evaluating and Analyzing Organizations’ Information Security Systems”, Int. J. of Information Systems and Change Management, Vol. 4 No. 1, 2009, pp: 57-65, available online at <http://www.inderscience.com/browse/index.php?journalID=79&year=2009&vol=4&issue=1>
13. **Abdel Nasser H. Zaied**, & Woroud Al Othman, “Development of a Fuzzy Logic Traffic System for Isolated Signalized Intersections in the State of Kuwait”, accepted and under publication in Journal of Expert System with Applications, Vol. 38, I. 8, pp: 9434–9441, 2011. available online at: <http://dx.doi.org/10.1016/j.eswa.2011.01.130>
14. **Abdel Nasser H. Zaied**, “An Integrated Knowledge Management Capabilities Framework for Assessing Organizational Performance”, International Journal of Information Technology and Computer Science, 2012, V4, N 2, pp: 1-10. Available online at: <http://www.mecs-press.org/ijitcs/ijitcs-v4-n2/IJITCS-V4-N2-1.pdf>
15. **Abdel Nasser H. Zaied**, “An E-Services Success Measurement Framework”, International Journal of Information Technology and Computer Science, 2012, V4, N 4, pp: 18-25. Available online at: <http://www.mecs-press.org/ijitcs/ijitcs-v4-n4/IJITCS-V4-N4-3.pdf>
16. **Abdel Nasser H. Zaied**, “Developing an Evaluation Framework for Information System Security via ISO 17799 Model”, The Egyptian International Journal of Engineering Science and Technology (EIJEST), V. 15, N. 2, pp: 1134-1144, 2012.
17. **Abdel Nasser H. Zaied**, “An Integrated Success Model for Evaluating Information System Success in Public Sectors”, Journal of Emerging Trends in Computing and Information Sciences, Vol. 3, No. 6, July 2012, pp: 814-825. Available online at: <http://www.cisjournal.org/>
18. **Abdel Nasser H. Zaied**, “Barriers to E-Commerce Adoption in Egyptian SMEs, I.J. Information Engineering and Electronic Business, 2012, Vol. 4, No. 3, pp: 9-18. Available online at: <http://www.mecs-press.org/>
19. **Abdel Nasser H. Zaied**, Gawaher Soliman Hussein & Mohamed M. Hassan, “The Role of Knowledge Management in Enhancing Organizational Performance”, I.J. Information Engineering and Electronic Business, 2012, Vol. 4, No. 5, pp: 27-35. Available online at: <http://www.mecs-press.org/ijieeb/ijieeb-v4-n5/IJIEEB-V4-N5-4.pdf>
20. **Abdel Nasser H. Zaied**, “Multi-Criteria Evaluation Approach for e-Learning Technologies Selection Criteria Using AHP”, International Journal on E-Learning, Vol. 11, No. 4, 2012, pp: 465-485. Available online at: <http://www.editlib.org/noaccess/35441>
21. **Abdel Nasser H. Zaied**, Mona G. Habishy, Mohamed A. Saleh,” Acute Leukemia Classification using Bayesian Networks”, International Journal of

- Emerging Trends in Computing and Information Sciences, Vol. 3 No. 10, October 2012, pp: 1419-1426. Available online at: <http://www.cisjournal.org/>
22. **Abdel Nasser H. Zaied**, Samah Ibrahim Abdel Aal and Mohamed Monir Hassan, "Rule-based Expert Systems for Selecting Information Systems Development Methodologies", International Journal of Intelligent Systems and Applications, 2013, Vol. 5, No. 9, pp: 19-26. Available online at: <http://www.mecs-press.org/>

Papers published in refereed conferences:

23. **Abd El Nasser H. Reyad** & M. H. Abd EL Latif, "Development of A Solar Collector Using Local Materials and Technology", Ain Shams University Conference in Engineering, 1984.
24. **Abd El Nasser H. Reyad** & M. H. Abd EL Latif, "Comparison between Solar Collectors Produced By Different Techniques", Ain Shams University Conference in Engineering, 1987.
25. G. M. Nawara & **Abd El Nasser H. Reyad**, "Productivity Measurement Model", 19th International Conference For Statistics, Computer Science, Scientific & Social Applications, Cairo, Egypt, April 1994, pp 1-12.
26. G. M. Nawara, A.A. Aboul Nour, **Abd El Nasser H. Reyad** & M.M. Mahmoud, "A developed Labor Productivity Measurement Model", 19th International Conference For Statistics, Computer Science, Scientific & Social Applications, Cairo, Egypt, April 1994, pp 13-21.
27. R. Shaalan, Y.A. Mohieldin, **Abd El Nasser H. Reyad** & W.E. Amer, "Analysis and Evaluation of Delays in Construction Projects in Egypt", 2nd International Conference For Building & Construction (Inter Build 95), Cairo, Egypt, June 1995, pp 63-73.
28. **Abd El Nasser H. Reyad**, "Productivity Measurement and Improvement", BTI 2nd International Conference – Total Productivity Improvement Within a Competitive and Cost Rationalization Environment, Bahrain, March 1999.
29. G. M. Nawara, **Abd El Nasser H. Reyad**, B Attia & K. El Drandaly, "Development of An Expert System for Irrigation Methods Selection", 26th International Conference on Computer & Industrial Engineering, 15 –17 December 1999, Melbourne, Australia, pp 217-223.
30. **Abd El Nasser H. Zaied**, "Materials Requirement Planning System Using Spreadsheets", 4th International Conference on Engineering Design and Automation, July/August 2000, Orlando, Florida, USA, pp 692 - 698.
31. M. Abou-Gamila, S. Motavalli, G. M. Nawara, **A.H. Reyad**, "An Integrated Planning System for Tool Management and Part Scheduling in FMS", 4th International Conference on Engineering Design and Automation, July/August 2000 Orlando, Florida, USA, pp 81- 86.
32. M. A. Shouman, G.M. Nawara, **A. H. Reyad** & A.M. El Sadek, "Evaluation of Some Operational Control Rules in scheduling Flexible Manufacturing System", 7th International Conference on Production Engineering, Design and Control, Alexandria, Feb, 2001.
33. M. A. Shouman, G.M. Nawara, **A. H. Reyad** & A.M. El Sadek, "Evaluation of Some Cellular Manufacturing Systems in The Presence of Machine Interruption", 7th International Conference on Production Engineering, Design and Control, Alexandria, Feb, 2001.
34. M.A. Shouman, G.M. Nawara, **A. H. Reyad** & Kh. El Darandaly, "Facility Layout Problem (FLP) and Intelligent Techniques: A Survey, 7th International

- Conference on Production Engineering, Design and Control, Alexandria, Feb, 2001.
35. **Abdel Nasser H. R. Zaied**, M. Zohdy & Gary Barber, "An Expert Decision System For Some Cutting Parameters Selection", 6th International Conference on Design and Production Engineering, Cairo Egypt, 2002.
 36. **Abdel Nasser H. R. Zaied**, Mohamed Zohdy & Djamel Bouchaffra, "Fuzzy System Inference for Automated Surface Finishing Process", 6th International Conference on Design and Production Engineering, Cairo Egypt, 2002.
 37. **Abdel Nasser H. Zaied** & Dana Al Zayani, "Enhancing Bahrain's Economic Competitiveness Through Technology Transfer", First Middle East Conference on Technology Transfer, Bahrain, September 22-24, 2003.
 38. **Abdel Nasser H. Zaied**, "Quality Assurance in Higher Education Through Evaluating The Academic Performance: Case Study: Measuring the Academic Staff Performance", 2nd Scientific Conference on "Effect of Quality Assurance on Faculties of Economics and Administrative Sciences", Zarka, Jordan, 21-23 October 2003 (in Arabic).
 39. **Abdel Nasser H. Zaied**, "Irrigation Support Expert System for Small Scale Farms", 23rd Engineering Conference – Toward Development and Integration of Engineering Infrastructure in the Arab World – Bahrain, 14-16 March 2005.
 40. **Abdel Nasser H. Zaied**, "The Role of Information Communication Technology in Developing Country's Sustainable Development", Saudi 18th National Computer Conference (NCC18) "Information Technology and Sustainable Development", Riyadh - Kingdom of Saudi Arabia 26th -29th March, 2006. available online at:
<http://www.ksu.edu.sa/sites/Colleges/ComputerSciences/Documents/NCC18/The%20role%20of%20information%20and%20communication.pdf>
 41. **Abdel Nasser H. Zaied**, Khalid A. Bubshait and Thaar S. AL-Mutairi, "Learning Organization and its applications in Saudi Arabia - Case Study: The Core Business of Royal Commission for Jubail in the Kingdom of Saudi Arabia", The International Conference on Administrative Development: Towards Excellence in Public Sector Performance, Riyadh - Kingdom of Saudi Arabia, November 1-4, 2009. available online at:
<http://www.fifty.ipa.edu.sa/conf/customcontrols/paperworkflash/Content/pdf/m3/ar/1.pdf>
 42. Thaar S. AL-Mutairi and **Abdel Nasser H. Zaied**, "Challenges of strategic plans applications in Arabic organizations, Case study: Royal Commission for Jubail in the Kingdom of Saudi Arabia", 1st Conference on Distinct organizations in an environment of renewed, Jadara University and Arab Organization for Administrative Development, Jordan 25-27 October 2011.

Papers submitted to referee Journals for publication:

43. **Abdel Nasser H. Zaied**, Mohamed O. Grida, and Boshra Taha, "Characterizing Procurement Models Case Study from Egyptian Industrial Sector"
44. **Abdel Nasser H. Zaied**, Gamal M. Nawara, Mahassen M. Khater & Ahmed A. Abd-Allah, "An Integrated Framework for Project Management Success Factors"

Papers ready for submission to refereed Journals for publication:

45. **Abdel Nasser H. Zaied**, Mohamed O. Grida, and Asmaa Hanafy Ali, "A Review of E-Commerce Applications in Egypt"
46. **Abdel Nasser H. Zaied**, Khalid A. El-Drandaly & Al-Shimaa A. Tantawy " A proposed Framework for Software Process Improvement: Extending CMMI model Using Six Sigma and Quality Function Deployment Techniques"

Books:

1. **Abdel Nasser H. Zaied**, "Operating Systems", Arabic Edition.
2. **Abdel Nasser H. Zaied**, "Effective Report Writing Skills", English Edition
3. **Abdel Nasser H. Zaied**, "Research Methodology", English Edition

5- Member of editorial board

- Journal of E-Government Studies and Best Practices (JEGSBP)

6- Reviewer in refereed journals:

- Arab Gulf Journal of Scientific Research
- International Review of Administrative Sciences
- African Journal of Business Management (AJBM)
- HERALD Journal of Education and General Studies
- Journal of Advanced Transportation

7- Reviewer in refereed conferences:

- 1st Middle East International Conference and Exhibition on Technology Transfer, September 22-24, 2003, Bahrain.
- Second International Conference on Advances in Production and Processing of Aluminum, December 5-7 2005, Bahrain.
- 2nd International Conference and Exhibition on Technology Transfer, 12-13 December 2006.

8- Areas of interest:

Systems Design and Evaluation:

Information Systems	Expert Systems
Fuzzy Systems	Knowledge Management Systems
Decision Support Systems	Information Systems Security

Production Systems:

Production Planning and Control	Maintenance Systems
Flexible Manufacturing Systems	Project Management
Inventory Control	

Technology Management

Technology Selection	Technology transfer
Science and Technology policies	Technology acquisition

Technology negotiation and contracting Information Technology	Technology Audit Technology life cycle
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Quality Management Systems:

Quality Systems and Quality Assurance Total Quality Management Statistical Process Control	Quality Audit ISO Standards Six Sigma
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Economics:

Engineering Economy	Feasibility Studies
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Management:

Industrial Management Organizational Behavior Information Ethics	Productivity Measurements Human Resource Management
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Environmental Systems:

Sustainable Development Environmental Impact Assessment	Cleaner Technology Waste Management
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9- Conferences:

- 1- 19th International Conference for Statistics, Computer Science, Scientific & Social Applications, April 1994, **Cairo, Egypt**. (Attendance / participation).
- 2- 2nd International Conference for Building & Construction (Inter Build 95), June 1995, **Cairo, Egypt**. (Attendance / participation).
- 3- BTI 2nd International Conference, "Total Productivity Improvement within a Competitive and Cost Rationalization Environment", March 1999, **Bahrain**. (Attendance / participation).
- 4- 1st Conference on "Automatic Identification and Data Capture – (AIDC), March 9, 1999, **Zagazig University, Egypt**. (Preparation / attendance).
- 5- 15th International Conference on Computer – Aided Production Engineering, 19-21 April 1999, **University of Durham, UK**. (Participation).
- 6- 26th International Conference on Computer & Industrial Engineering, 15 –17 December 1999, **Melbourne, Australia**. (Participation).
- 7- Educational Annual Conference - "New Directions in Math, Science & Engineering Education", Engineering Society of Detroit, May 9, 2000, Copo-Hall Center, **Detroit, Michigan, USA**. (Attendance).
- 8- 2000 American Control Conference, June 28-30, 2000, **Chicago, Illinois, USA**.
- 9- 4th International Conference, "Engineering Design and Automation", 31 July-2 August 2000, **Orlando, Florida, USA** (Chair for Session WA2-G: Production Planning- August 2, 2000: 10:30 a.m. - 12:00 p.m.). (Attendance / participation).
- 10- 7th International Conference on Production Engineering, Design and Control, Feb, 2001, Alexandria University, **Alexandria, Egypt**. (Participation).
- 11- Educational Annual Conference - "New Directions in Math, Science & Engineering Education", April 30, 2001, Engineering Society of Detroit – University of Detroit Mercy, **Detroit, Michigan, USA**. (Attendance).
- 12- 2nd IEEE Electro/Information Technology Conference, June 6-8, 2001, Oakland University, **Rochester, Michigan, USA**. (Preparation / attendance).

- 13- AMSE 26th Annual Conference – Engineering, Science and Technology for the New Millennium, October 26-28, 2001, The University of Michigan-Dearborn, Professional Education Center, 4901 Evergreen Road, **Dearborn, Michigan, USA** : <http://amse.net/amss/> (Preparation / attendance).
- 14- 6th International Conference on Design and Production Engineering, 12-14 February 2002, Ain Shams University, **Cairo Egypt**. (Attendance / participation).
- 15- Conference on Quality, Competency, Accuracy and Distinction, 10-13 March 2002, **Kuwait**. (Attendance / participation).
- 16- 2nd Gulf International Quality Conference / Exhibition and Workshops, 15-17 April 2002, **Bahrain**. (Attendance).
- 17- 1st Middle East Metrology Conference and Exhibition, 6-8 May 2002, **Bahrain**. (Attendance).
- 18- 1st Middle East International Conference and Exhibition on Technology Transfer, September 22-24, 2003, **Bahrain**. www.mohandis.org (Preparation / attendance / participation).
- 19- 2nd Scientific conference on “Effect of Quality Assurance on Faculties of Economics and Administrative Sciences”, 21-23 October 2003, **Zarka, Jordan**. (Attendance / participation).
- 20- “Challenges on New Horizon Towards Managing the Global Environment and Water Resources - The Joint Kingdom of Bahrain – Japan Symposium 2004”, 18-20 January 2004, **Bahrain**. (Attendance).
- 21- “Development and Enhancement of Engineering Education”, College of Engineering – UOB and UNESCO – Cairo Office Symposium, 24-25 February, 2004, **Bahrain**. (Attendance).
- 22- 2nd Middle East Metrology Conference and Exhibition, 10-12 May 2004, **Bahrain**. www.mohandis.org. (Attendance).
- 23- 23rd Engineering Conference – Toward Development and Integration of Engineering Infrastructure in the Arab World, 14-16 March 2005, **Bahrain**, (Attendance / participation).
- 24- “Water Management”, European and Regional Experiences Symposium, 6-8 June 2005, **Bahrain**. (Attendance / participation).
- 25- Saudi 18th National Computer Conference (NCC18) “Information Technology and Sustainable Development” 26 -29 March, 2006, **Saudi Arabia**. (Attendance / participation).
- 26- 2nd International Conference and Exhibition on Technology Transfer, 12-13 December 2006, **Bahrain**. www.mohandis.org, (Preparation / attendance).
- 27- 3rd Banking & Financial Services Technology Conference, Central Bank of Bahrain, 12-13 February 2007, **Bahrain**. <http://meftec.com/meftec/index.php> (Attendance).
- 28- 4th IEEE GCC Conference “Towrds Techno – Industrial Innovations”, 12-14 November 2007, **Bahrain** (Attendance).
- 29- 12th Middle East Corrosion Conference and Exhibition, February 3-6, 2008, Kingdom of **Bahrain**, www.mecconline.org (Attendance).
- 30- 3rd Seminar on “Towards Sustainable Gulf Cities”, 22-23 April 2008, Bahrain (Attendance).
- 31- International Conference on Nuclear Technology in the Service of Arab Society, 5-6 May 2008, **Bahrain**. www.nucletech.northlmedia.com , (Attendance).

- 32- Bahrain International e-Government Forum, 19-21 May 2008, Kingdom of **Bahrain** (Attendance). www.egovforum.bh.
- 33- Energy Conservation Expo 2008, 16-18 June 2008, **Bahrain**, www.mohandis.org (Attendance).
- 34- 10th International Conference on Advanced Manufacturing Processing Technologies (AMPT 2008), November 2 – 5, 2008, **Bahrain** (Preparation / attendance). www.AMPT2008.com.
- 35- 12th International Conference & Exhibition on Project Management, 27-29, January, 2009, **Bahrain** (Attendance). www.pmi-agc.com.
- 36- Innovative Water & Wastewater Reuse Technologies Conference (Water Arabia 2009), 2-3 March, 2009, **Bahrain** (Attendance). www.sawea.org.
- 37- 2nd Bahrain International e-Government Forum, 25-27 May 2009, Kingdom of **Bahrain** (Attendance). www.egovforum.bh.
- 38- The International Conference on Administrative Development: Towards Excellence in Public Sector Performance, November 1-4, 2009, Riyadh, **Kingdom of Saudi Arabia**, (Participation / attendance).
- 39- The 7th International Conference on Informatics & Systems, 28-30 March 2010, Cairo **Egypt** (Attendance). www.fci.cu.edu.eg.
- 40- The 37th Annual Conference of the Association of Egyptian American Scholars (AEAS), “The Role of Information Technology and its Scientific Applications for Egypt's Advancement in the 21st, Century”, December 26-30, 2010, Cairo-Zagazig **Egypt** (Attendance).
- 41- 1st Conference on Distinct organizations in an environment of renewed, Jadara University and Arab Organization for Administrative Development, **Jordan** 25-27 October 2011, (Participation).
- 42- 1st Conference for “Dialogue between the Academia & Industry”, Cairo, **Egypt**, 3 December 2013 (Attendance).
- 43- 6th International Conference on Intelligent Computing and Information Systems (ICICIS 2013) Cairo, **Egypt**, 14-16 December 2013 (Attendance).

10- Regional workshops attendance / participation / preparation:

1. Regional Industry Forum In Preparation for the World Summit Sustainable Development (RIO+10), Manama, Bahrain, 22 September 2001 (UNEP – ESCWA - AGU).
2. “Basic Web Technology Skills for Courseware Development”, Manama, Bahrain, 14-18 October 2001 (UNESCO – ESCWA - UOB).
3. Regional workshop on Regional workshop on “Gas Emission Measuring Systems and Air Pollutions”, Manama, Bahrain, 16th April, 2002 (UNEP).
4. Expert/User Consultation Meeting on the Development of West Asia Web Portal, Manama, Bahrain, 29-30 April, 2002 (UNEP- AGU).
5. Forth Meeting for Universities and Chambers of Commerce and Industry, Al Ehsaa, Saudi Arabia, 23-24 September 2002 (CCI- AGU).
6. International workshop on Introduction to Technology Management, Manama, Bahrain, 21-24 December 2002, (UNIDO – ARCIT – ICE- AGU)
7. Regional workshop on Integrated Environmental Assessment and Reporting, Manama, Bahrain, 6-9 January 2003 (UNEP- AGU).
8. Regional Workshop on Priority Environmental Indicators, Manama – Bahrain, 13-15 October, 2003(UNEP- AGU).
9. Regional workshop on Technological Risk Management, Manama, Bahrain, 19-21 October 2003 (UNU- AGU).
10. Regional workshop on Integrated Environmental Assessment Methodology, Manama, Bahrain, 9-11 December 2003 (UNEP- AGU).
11. Expert Group Meeting on National Innovation Systems For Science and Technology In The Arab Region, Manama, Bahrain, 20-22 December 2003, (UNESCO- AGU).
12. The application of Case Study Approach to Problem-Based Learning, Manama, Bahrain, 21-22 June 2004, (Duke University, USA - AGU).
13. Expert Consultation Meeting on UNEP’s Next Global Environmental Outlook Report (GEO - 4), Manama – Bahrain, 28-29 September, 2004 (UNEP).
14. Meeting of West Asia Network for Environmental Assessment, Manama – Bahrain, 22-23 November, 2004 (UNEP).
15. Global Environmental Outlook Report (GEO - 4) Start Up Meeting, Manama – Bahrain, 24-25 November, 2004 (UNEP).
16. ISO 10015+: A tool for National Competence Development through Quality Management in Training, Academy for Quality in Training and Education (AdeQuaTE®) in Geneva, Switzerland; Co-Organized by the Council for Vocational Training in the Industrial Sector in Bahrain, 22-23 April, 2006, Kingdom of Bahrain.
17. Quality Assurance and Self Evaluation for Universities, Universities Review Project, Economic Development Board and Australian University Quality Agency (AUQA), 6th June 2007, Kingdom of Bahrain.
18. Pilot University Quality Review, Universities Review Project, Economic Development Board and Australian University Quality Agency (AUQA), 4th March 2008, Kingdom of Bahrain.
19. EFFECTIVE CORPORATE GOVERNANCE FOR UNIVERSITIES, Universities Review Project, Economic Development Board and Australian University Quality Agency (AUQA), 13 May 2008, Kingdom of Bahrain.
20. Current and future trends in management research, Bahrain Management Society, 3rd June 2008, Kingdom of Bahrain.

21. World Environment Day 2008, UNEP Regional Office for West Asia (ROWA), 5th June 2008, Kingdom of Bahrain.
22. Global Trends in Higher Education in the 21th Century, Quality Assurance Authority for Education and Training, Economic Development Board, 23rd November 2008, Kingdom of Bahrain.
23. Higher Education Quality Assessment, Quality Assurance Authority for Education and Training/Higher Education Reviews Unit, 25th January 2009, Kingdom of Bahrain.
24. Integrated Business Enterprise & Entrepreneurship Education in Egypt, 24th January 2011, Egypt.
25. The Learning Organization Strategy: The Total Future Development for Business, Family and Society, 26th September 2011, Jubail, Saudi Arabia.
26. The role of private universities in the development of higher education in Egypt, 17th April 2013, Cairo, Egypt

11- Academic Research Projects:

- 1- “Management and Analysis of Maintenance Systems in Egypt”, National Research Center, Academy of Scientific Research and Technology, Ministry of Scientific Research, Egypt, 1991 - 1992.
- 2- “Integrated Program for Continuous Development in Helawn Region - Cairo ”, Development Research and Technological Planning Center-Cairo University and Ministry of Scientific Research, Consultation and Technological Research Fund, Egypt, 1994.
- 3- “Engineering Education Development Project”, Zagazig University, Ministry of Higher Education and Scientific Research, Egypt, 1994 - 1997.
- 4- “Vocational Training Project”, Ministry of Education, Egypt, 1995 - 1997.
- 5- “Technical High Schools Dual System Project (Moubarak / Koll Project), Ministry of Education, Egypt & GTZ Germany, Egypt, 1995 - 1997.
- 6- “Robotics and CAD/CAM Project”, Zagazig University, Ministry of Higher Education and Scientific Research, Egypt, 1996 - 2000.
- 7- “Development of Vibration Reduction Controls Methods, for the 2002 KJ Wheel Lug Nut Application”, Daimler-Chrysler – Oakland University, USA, 2000 – 2001.
- 8- “Assessing the technological capabilities for Arabian Printing and Publishing Co.”, Bahrain, 2001 - 2002.
- 9- “Assessing the technological capabilities for AluWheel Co.”, Bahrain, 2001 - 2002.
- 10- “Assessing the technological capabilities for Sitra Desalination Plant (Multi Stage Flash)”, Kingdom of Bahrain, 2002 - 2003.
- 11- “Assessing the technological capabilities for Abu Gargur Desalination Plant (Reverse Osmosis)”, Kingdom of Bahrain, 2002 - 2003.
- 12- “Assessing the technological capabilities for Gulf Aluminum Rolling Mill Co.”, Kingdom of Bahrain, 2003 - 2004.
- 13- “Comprehensive Technology Audit for TASNEE Petrochemicals Complex - National Petrochemical Industrialization Company, Jubail, Kingdom of Saudi Arabia, 2004 – 2005.
- 14- “Assessing the technological capabilities for Bahrain Training Institute”, Kingdom of Bahrain, 2004 - 2005.

- 15- "Assessing the technological capabilities for Nissan Maintenance Shop", Kingdom of Bahrain, 2005 - 2006.
- 16- "Qualifying the Administration and Registration Unit - Arabian Gulf University According ISO 9000-2000", Kingdom of Bahrain, 2005 - 2006.
- 17- "Comprehensive Technology Audit for Melt Shop Unit, Saudi Iron & Steel Company (Hadeed) , Jubail, Kingdom of Saudi Arabia, 2006 – 2007.
- 18- "Assessing the technological capabilities for National Bottling Company, "Ahman Ben Hamad Al-Gosaibi and Bros.", Al-Khobar, Kingdom of Saudi Arabia, 2006 – 2007.
- 19- "Assessing the technological capabilities for Al-Wasat Press, Kingdom of Bahrain, 2006 - 2007.
- 20- "Qualifying the Management and Financial Affaires Unit - Arabian Gulf University According ISO 9000-2000", Kingdom of Bahrain, 2006 - 2007.
- 21- "Assessing the Environmental Management System in Saudi Company for Paper and Plastic Products in Kingdom of Saudi Arabia According ISO 14000-2004", Kingdom of Bahrain, 2006 - 2007.
- 22- "Applying Supply Chain Model on Bahrain Telecommunication Company (Batelco)", Kingdom of Bahrain, 2007 - 2008.
- 23- "Applying Value Chain Model on Kuwait Petroleum Company", Kuwait, 2007 - 2008.
- 24- "E-University", Zagazig University, Egypt, 2009 – 2010.
- 25- "Student affairs system", Zagazig University, Egypt, 2009 – 2010.
- 26- "Administration affairs system", Zagazig University, Egypt, 2009 – 2010.
- 27- "Student affairs system", Zagazig University, Egypt, 2009 – 2010.
- 28- "Develop ArcGIS Extension for Site Selection Problems", Zagazig University, Egypt, 2009 – 2010.
- 29- "Intelligent GIS-based Decision Support System for Bus Routing Enhancing GIS Capabilities Using Multicriteria Decision Making Techniques", Zagazig University, Egypt, 2009 – 2010.
- 30- "E-Tourism", Zagazig University, Egypt, 2010 – 2011.
- 31- "Blood Donation Management System", Zagazig University, Egypt, 2010 – 2011.
- 32- "E-Library", Zagazig University, Egypt, 2010 – 2011.
- 33- "Egy-Sale: An Electronic Marketplace Using Web and Mobile Technology", Zagazig University, Egypt, 2010 – 2011.
- 34- "E-election", Zagazig University, Egypt, 2012 – 2013.
- 35- "Sharkia Governorate E-Services", Zagazig University, Egypt, 2012 – 2013.
- 36- "E-Learning", Zagazig University, Egypt, 2012 – 2013.

12- Academic Awards:

Recent academic Awards:

- Award for Best paper presented in the International Conference on Administrative Development, 2009, Riyadh, **Kingdom of Saudi Arabia**.
- Zagazig University Award in Advanced Engineering Science and Technology, 2011, Zagazig, **Egypt**.
- Award for Best paper published in Academic year 2011/2012, Zagazig, **Egypt**.

13- Membership:

- Member of Egyptian Engineers Syndicate, Egypt.
- Member of Egyptian society of Information Systems, Egypt.
- Member of Association of Muslim Scientists and Engineers (AMSE), Dearborn, Michigan, USA.
- Member of Bahrain Society of Technology Transfer, Bahrain.

Consulting Experiences

1- Technical and economic feasibility studies for the production of: -

- Televisions and Multi layers printed circuit boards, Benha Co. For Electronic Industries.
- Home Appliances, El Shames Co. for appliance products, Cairo.
- Home Appliances, Gewali Co. for appliance products, Cairo.
- Agriculture equipments, Productive Cooperative Union, Cairo.
- Dies, Dallah Investment Co., Cairo.
- Nonferrous metals, Roshdy Co. for Metal Industries, Zagazig
- GLS and Fluorescent lambs, El Sheriff Co., 10th of Ramadan.
- Tea bags, Al Shorouk Co., Cairo.
- Plastic products, El Helal Co., Cairo.
- Car Spear Parts, Fayek Co., Bader City.
- Plastic Products, Al Shorouk Plastic Co., Cairo.
- Dies and Metal Parts, Al Shorouk Co. for Dies and Plastic moulds, Cairo.
- Melamine and Resin Products, Al Shorouk Co. for Melamine and Resins, Cairo.

2- Economic evaluation for the following companies:-

- Roshdy Co. for Metal Industries, Zagazig, (The client - Misr International Bank – Alexandria branch).
- Cairo Co. for Metallic Industries, Cairo, (The client - Ministry of Public Works).
- Alexandria Co. for Metallic Industries, Alexandria, (The client - Ministry of Public Works).
- Ideal Co. for appliances industries, Cairo, (The client - Ministry of Public Works).
- Memo Co. For Plastic Industries, Zagazig, (The client - El Sharkia Bank – Zagazig branch).
- The Egyptian-Kuwaiti Co. for producing building materials (GEBSEL), 10th of Ramadan, (The client - Industrial Development Bank – Zagazig branch).
- Roshdy Co. for Metal Industries, Zagazig, (National Bank of Egypt – Zagazig branch).
- El Shorouk Co. for producing lambs, 10th of Ramadan, (The client - National Bank of Egypt – Head quarter branch).
- El Shorouk Co., for producing Tea bags, Cairo, (The client - National Bank of Egypt – Head quarter branch).

- El Helal Co. for Plastic Industries, 10th of Ramadan, (The client - National Bank of Egypt – Head quarter branch).
- El Helal Co. for Editing and Printing, 10th of Ramadan, (The client - National Bank of Egypt – Head quarter branch).
- The Egyptian Co. for Mechanical Industries (SABI), Cairo, (The client - Ministry of Public Works).
- El Nasr Automotive Manufacturing Co., Helwan, Cairo, (The client - Ministry of Public Works).
- Egyptian-British Co. for food industries, Borg El Arab, Alexandria, (The client - National Bank of Egypt – Head quarter branch).
- Sarhan Steel Co., Borg El Arab, Alexandria, (The client - National Bank of Egypt – Head quarter branch).
- Miser Co. for steel production – Al Attia Group, El Ebour city.
- Union Co. for agriculture products, Ismailia, (The client - National Bank of Egypt – Roxy branch).
- International Co. for food industries, Borg El Arab, Alexandria, (The client - National Bank of Egypt – Head quarter branch).
- Middle Delta Transportation Co., (The client - National Bank of Egypt – Head quarter branch).
- Upper Egypt Transportation Co., (The client - National Bank of Egypt – Head quarter branch).

3- Planning and re-layout for the following companies and projects: -

- Tool room workshop, Benha Co. for Electronic Industries, Benha, Egypt.
- Passengers' carriage factory, Wagon carriage factory, Main stores, SEMAF Co. for producing trains, Cairo, Egypt.
- Ten small factors controlled by Cairo Furniture Productive Society, Dumiat Furniture Productive Society, Cairo Leather Productive Society, Cairo Metal Productive Society, Productive Cooperative Union (Cairo – Dumiat), Egypt.
- Roshdy Co. for Metal Industries, Zagazig, Egypt.
- Industries for Constructional Equipment Company Limited, Madaba, Jordan.
- Madinah Plastic & Paper Products Factory, Madinah, Saudi Arabia.

4- Analysis and design the following systems:-

- Human resources information system, Benha Co. for electronic industries, Egypt.
- Productivity measurement system, SEMAF Co. for producing trains, Egypt.
- Productivity measurement system, El Ahlia Co. for metallic industries, Egypt.
- Organization structure and productivity measurement systems, Cairo Furniture Productive Society, Dumiat Furniture Productive Society, Cairo Leather Productive Society, Cairo Metal Productive Society, Productive Union, Egypt.
- Inventory Control system, Salary system, Labor affairs system and accounting system, Cairo Metal Productive Society, Productive Union.
- Society system, and Planning system, Productive Union, Egypt.
- Offers system, Inventory Control system and Messages system, Industrial Security Organization, Cairo, Egypt.
- Productivity measurement system, Dalla investment Group, Cairo, Egypt.

- Production planning & scheduling system, salary system, labor affairs system, purchasing system and accounting system, Roshdy Co. for Metal Industries, Zagazig, Egypt.
- Inventory control system, salary system, labor affairs system, purchasing system and accounting system, Islamic Printing Co., Benha, Egypt.
- Planning and cost Reduction system, Sugar and Integrated Industries Company, Cairo, Egypt.
- Organization structure system, inventory control system, salary system, labor affairs system, purchasing system, production planning system, accounting system, and quality control system, Practico Furniture Company, 6th October City, Egypt.
- Production planning & scheduling system, maintenance system, quality management system, training system, material Handling system and inventory control system, Madinah Plastic & Paper Products Factory, Madinah, Saudi Arabia.

5- Auditing the quality systems of the following companies: -

ISO 9000-1994 Certification Audit:

- Gerga Sugar Factory, Sugar and Integrated Industries Company, Gerga.
- Egyptian Company for Modern Food Industries, 10th of Ramadan.
- Dshna Sugar Factory, Sugar and Integrated Industries Company, Dshna.
- Cairo Light Industries (OLYMPIC), 10th of Ramadan.
- Abu Korkas Distillation Factory, Sugar and Integrated Industries Company, El Minia.

Pre Audit for ISO 9000-1994 Certification:

- Gerga Sugar Factory, Sugar and Integrated Industries Company, Gerga.
- Misr Travel, Cairo, Egypt.
- Misr Iran Textile Company, Suez, Egypt.
- Dshna Sugar Factory, Sugar and Integrated Industries Company, Dshna, Egypt.
- EL Hawamdiya Sugar Factory, Sugar and Integrated Industries Company, hawamdiya, Egypt.
- Islamic Printing Company, Benha, Egypt.
- Islamic Company for producing Carton Boxes, Quesna, Egypt.
- El Nasr Automotive Manufacturing Co., Helwan, Cairo, Egypt.
- Roshdy Co. for metal Industries, Zagazig, Egypt.
- El Miserieen for Milk Industries, Giza, Egypt.
- Industries for Constructional Equipment Company Limited, Madaba, Jordan.
- Syrian Cable Company, Damascus, Syria.
- Rahwanji Cards Printing Company, Damascus, Syria.
- ORASCOM Technologies Co., Cairo, Egypt.
- Misr Co. for Mining & Drilling Chemistry (EMIDC), Borg El Arab New City, Alexandria, Egypt.
- QUALIVAL Co. for Mechanical Industries, 10th of Ramadan, Egypt.
- Madinah Plastic & Paper Products Factory, Madinah, Saudi Arabia.

6- Qualifying the following companies for ISO 9000-1994 Requirements:

- Misr Iran Textile Company, Suez, Egypt.
- Islamic Printing Company, Benha, Egypt.
- Roshdy Co. for Metal Industries, Zagazig, Egypt.
- QUALIVAL Co. for Mechanical Industries, 10th of Ramadan, Egypt.
- ORASCOM Technologies Co., Cairo, Egypt.
- Misr Co. for Mining & Drilling Chemistry (EMIDC), Borg El Arab New City, Alexandria, Egypt.
- Administrative department, College of Engineering, Zagazig University, Egypt.

7- Qualifying the following organizations for ISO 9000-2000 Requirements:

- Administrative department, Arabian Gulf University, Bahrain.
- Management and Financial Affairs, Arabian Gulf University, Bahrain.

8- Training:

Prepare and perform the following training courses inside and outside Egypt (Libya, Syria, Saudi Arabia, Jordan, USA, Bahrain & Kuwait):

Productivity Measurement and Improvement	Information Systems
Qualifying companies for ISO Requirements	Statistical Process
Production Planning and Control	Plant Layout
Quality Systems and Quality Assurance	Maintenance Systems
Total Quality Management	Job Description and Design
Report Writing and Documents Design	Project Management
Feasibility Studies	Cost Analysis
International Quality Audits	Internal Quality Audits
Computer Applications	Technology Management
Quality Management for medical Equipment	Data Management
Risk and Emergency Management Systems	Stress Management and Analysis
Organizational Behavior	Teaching Techniques
Learning Technologies	

9- Co operations with National Organizations:

- Restructure and rehabilitation study for “Madinah Plastic & Paper Products Factory”, Madinah, Saudi Arabia, Study submitted to **Arab Organization for Industrial Development and Mining, Arab Nations**.
- Restructure and rehabilitation study for “Industries for Constructional Equipment Company Limited”, Madaba, Jordan. Study submitted to **Arab Organization for Industrial Development and Mining, Arab Nations**.
- “Appropriate Training policies to Enhance Quality, Relevance and Effectiveness of Skill development Programs in the Arab States”, Study submitted to **ILO**.
- “Geo Year Book 2003”, Editor - with AGU team - the West Asia part in this book, **UNEP**. Available online at: <http://www.unep.org/yearbook/2003/116.htm>
- “UNEP Strategy on Capacity Building for Integrated Environmental Assessment in West Asia”, Editor - with AGU team, 2005. Available online at: http://www.unep.org/dewa/WestAsia/capacity_building/strategy/West%20Asia%20Capacity%20Building%20strategy%20final%20draft.pdf

- ISO 10015+: A tool for National Competence Development through Quality Management in Training, 22-23 April, 2006, Bahrain, Academy for Quality in Training and Education (AdeQuaTE®) in Geneva, Switzerland

10- Membership:

- Member of Industrial Engineering Experts, Arab Organization for Industrial Development and Mining, Arab Nations, 1995 - 2000.
- Member of Industrial Engineering Experts Ministerial Committee, Ministry of public works, Egypt, “Privatization Project”, 1997 - 1998.
- Member of Industrial Engineering and Economical Evaluation Experts, National Bank of Egypt – Alexandria Bank – Industrial Development Bank – El Sharkia Bank - Misr International Bank, Egypt, 1990 - 2000.
- International auditor/instructor for quality systems, Dasa Zert certification office, Daimler Benz, Germany, Cairo Branch, 1995 - now.
- Member of Industrial Engineering and Economical Evaluation Experts in many consulting firms and organization in Egypt