

CURRICULUM VITAE



Abdalla A. El-Daoushy, Ph.D.

**Professor of Operations Research & Computer Science,
Institute of National Planning (INP), Nasr-City, Cairo, EGYPT**

Personal Data

Languages. : Arabic, English, Slovak

Statistics . . . : 166 cm, 65 kg, married, no physical defects

Nationality. : Egyptian, Permanent Residence USA.

Education

- **Ph.D. (C.Sc.) : Operations Research, 1978, Bratislava School of Economics, Faculty of Management, Czechoslovakia.**
- **Diploma: Operations Research (OR), 1970, INP, Cairo, Egypt.**
- **B.Sc: Mathematics, 1965, Ain-Shams University, Faculty of Science, Cairo, Egypt.**

Areas Of Specialization

- Operations Research (Theoretical & Applied).
- Projects Management using Project Management Software.
- Computer Science : FORTRAN, BASIC, PASCAL, COBOL, Data Structure, Database, ORACLE(SQL,PL/SQL, Developer 10g, Designer/2000), PROLOG, C++, AI, Expert Systems, ANNs, Computer Graphics, & Standard PC Packages.
- Numerical Methods and Elementary Applied Statistics.

Teaching Experience

1978 - 1979: Lecturer of OR & Computer Science, INP.

1979 - 1982: Lecturer of OR & Computer Science, Garyounis University, Benghazi, LIBYA.

1982 - 1985:

- Lecturer of OR & Computer Science, INP.
- Lecturer of OR & Computer Science at each of the following Universities (part-time): Cairo Univ., Zagazig Univ., and Shebin El-Kom Univ., EGYPT.
- Lecturer of Information System & Computer Applications (short-time) INP, IRAQ & SYRIA.

1986 - 1988:

- Asst. Prof. of Computer Science & OR, INP.
- Asst. Prof. of Computer Science, TELEMEDIA (USA Corporation), the Egyptian Air Force Academy Modernization Project.

1989 - 1990:

- Asst. Prof. of Computer Science & OR, Tikreet Univ., IRAQ.

1990 - 1991:

- Asst. Prof. Of OR & Computer Science, INP.
- Asst. Prof. of OR & Computer Science, Zagazig Univ. (part-time).

1991 - 1994:

- **Associate Prof. of Computer Science & OR, Computer Eng. Dept., Faculty of Engineering, Tagora, El-Fateh Univ., Tripoli, LIBYA.**

1994 - now:

- **Prof. of OR & Computer Science, INP, Cairo, EGYPT.**
- **Prof. of Project Management Using Primavera Project Planner, Institute Of Development & Planning, SYRIA(Short-Term Training Course).**
- **Prof. of Project Management Using Primavera Project Planner, Petroleum Training Center, Oct, 2000, SUDAN (Short-Term Training Course).**
- **Prof. of Oracle (database, SQL/PL/SQL, and Developer), Petroleum Training Center, 2003, SUDAN (Short-Term Training Course).**
- **Prof. of Oracle (Database, SQL/PL/SQL, and Developer), Petroleum Training Center, March, 2004, (Database, SQL/PL/SQL), SUDAN (Short-Term Training Course).**

Research Experience

- **Short-and long-Term Planning on Sector and National Levels (Applications of Mathematical Programming, Network Analysis including PERT/CPM [using PRIMAVERA], and Feasibility Studies).**

Achievements and Consulting Work

- **Short-Term and long-Term Training Courses and Seminars (for Graduates, Researchers, Managers, and Employees) on the Applications of OR and the Use of Computers in such fields.**
- **The use of PRIMAVERA Project Planner in Projects Planning, Evaluation and Feasibility Studies.**
- **Building Database for INP Information & Publication Center (Library) and Tikreet University, IRAQ.**
- **Information System for the Administration Affairs of the INP.**

- **Supervision and Consultation Works concerning: Graduate Student Projects, INP Diploma Projects, M.Sc.'s & Ph.D.'s Dissertations.**
- **Participation in the Preparation of Videotaped Lectures of the Egyptian Air Force Academy (TELEMEDIA).**
- **Supervision of the Short-Term Training Courses for the Computer Science and Information Technology, INP.**
- **Scientific Supervisor of the INP Diploma, 1995.**
- **Database Management Systems for INP, Tikreet Univ., and Eng. Faculty.**
- **Supervisor & Researcher of the Project titled “ Building a DBMS for the Technical and Managerial Activities of INP, 1995/96-1996/97.**
- **Supervisor & Researcher of the Project titled “Artificial Neural Network Usage for Underground Water Storage & River Nile in Toshka Area, 1998”**
- **Scientific Supervisor of Computer Science Training Courses Activity, Educational & Training Centre, INP.**

Scientific and Professional Societies

- **Operations Research Society of Egypt, Member.**
- **Egyptian Computing Society, Member.**

Honors and Awards

- **Holding the Egyptian Computing Society's Medal, 1985.**

Publications:

I. Computer Science

- 01.FORTRAN Language & Computer, Memo. No. 867, 1969.
- 02.Applications of FORTRAN Language, Memo. No. 895, 1969.
- 03.FORTRAN Subroutines and the more-widely used Routines, Memo. No. 401, 1974.
- 04.Lectures on FORTRAN Programming, Memo. No. 667, 1978.
- 05.COBOLE Programming, Memo. No. 670, 1978.
- 06.BASIC Programming Language, Memo. No. 809, 1983.

- 07.Computer Appreciation, Memo. No. 792, 1983.**
- 08.Lectures on COBOL Programming, Memo. No. 1400, 1984.**
- 09.Structured Programming and Problem Solving with PASCAL (Two Parts), Memo. No. 865, 1987.**
- 10.Quick Reference to PASCAL Programming Language, Memo. No. 871, 1987.**
- 11.A First Course in dataBase Analysis and Programming with dBASE III Plus, Memo. No. 880, 1988.**
- 12.Introduction to PASCAL Programming Language (BOOK), 1991.**
- 13.Lotus 123 (in Arabic).**
- 14.An Introduction to Artificial Intelligence through TURBO PROLOG, part I, Memo. No. 898, 1991.**
- 15.Expert Systems: An Overview, Memo. No. 1571, 1993.**
- 16.Introduction to Computers, DOS, and WINDOWS, Memo. No. 911, 1995.**
- 17.An Introduction to ORACLE (SQL), Memo. No. 917, 1997.**
- 18.Introduction to Computers, DOS, Windows 3.x, Windows 95, Memo. No. 919, 1997.**
- 19.Windows 95/98, Memo No. 920, 1998.**
- 20.Getting Started with Oracle Forms 4.5, Memo No. 922, 1998.**
- 21.Getting Started with Oracle Reports 3.0, Memo. No. ,1999.**
- 22.Getting Started with Oracle Developer/2000 (Form Builder), Memo No. 922, June 2000.**
- 23.Oracle Foundation (An Introduction to Database, Oracle SQL& PL/SQL Using Procedure Builder (Three Volumes), Memo. no. 941, 2000.**
- 24.Getting Started with Oracle Designer/2000 (Two Volumes), Memo No. 944, Jan 20001.**

II. Operations Research

- 01. Hydraulic Aspects of Problems of the Movement of Tankers in Suez Canal, Memo. No. 810, 1967.**
- 02. Factor Analysis and Social Science (in Arabic), Memo. No. 928, 1969.**
- 03. Algorithms for Solving Linear and Integer Linear Programming Problems with FORTRAN Routines, Memo. No. 392, 1974.**
- 04. Mathematical Programming Models for Planning on Firm- and Sectoral-Level, Memo. No. 1233, 1978.**
- 05. Mathematical Programming Techniques to Solve LP Models (Computer Package Programs) Memo. No. 1391, 1984.**
- 06. Games and Strategies, Memo. No. 805, 1983.**
- 07. Network Analysis with PERT and/or CPM Techniques, Memo. No. 793, 1983.**
- 08. An Idea about Operations Research, Memo. No. 807, 1983**
- 09. PERT/CPM Techniques in Planning and Monitoring some Agriculture Projects, Memo. No. 1456, 1988.**
- 10. PERT/CPM --- a Modified Version, Memo. No. 1455, 1988.**
- 11. Two-level Planning Model, Memo. No. 1487, 1988.**
- 12. Solving Salesperson Problem with AI Techniques, Memo. No. 1575, 1994.**
- 13. An Experimental Algorithm for Solving the Optimum Distribution of Resources on Multi Projects (in Arabic), Memo. No. 1572, 1993.**
- 14. Network Analysis Techniques & PRIMAVERA (Two Parts), Memo. No. 910, 1995.**
- 15. PRIMAVERA Project Planner for WINDOWS (Part 2), Memo. No. 916, 1997.**
- 16. PRIMAVERA Project Planner (Advanced Workshop), Memo. No. 921, 1998.**
- 17. Project Management using PRIMAVERA Project Planner, Level-2, 1-Project Updating(FollowUp), Memo. No. 924, 1998, reprinted 2002.**
- 18. Project Management using PRIMAVERA Project Planner, Level-2, 2-MasterProject & SubProjects, Memo. No. 924, 1998, reprinted 2002.**
- 19. Project Management using PRIMAVERA Project Planner, Advanced Level-2,**
- 20. 3-Three Villas Project, Memo. No. 924, 1998, reprinted 2002.**
- 21. Project Management using PRIMAVERA Project Planner, Level-2,**
- 22. 4-Selections, Memo. No. 924, 1998, reprinted 2002.**
- 23. Project Management using PRIMAVERA Project Planner, Advanced Level-2,**
- 24. 5-Zahraa El-Maadi Project, Memo. No. 924, 1998, reprinted 2002.**

25. Project Management using PRIMAVERA Project Planner, Level-2, 6-Drilling Petrol & Gas Wells Project, Memo. No. 924, 2002.
26. Project Management using PRIMAVERA Project Planner, Level-2, 7-Educational Development, Memo. No. 924, 2003.
27. Contract Control by Expedition Software (Case Study), Memo. No. 932, 1999.
28. An Introduction to Computer Based Operations Research (Selected Real-World Problems), Memo. No. 909, INP, 2004.
29. Problems Solving & Decision-Making Techniques using WinQSB Software (Selected Real World Problems), INP, 2010, 2011, 2012, 2013

30. Abdalla Eldaoushy, Problem Solving Techniques & Decision Making using WinQSB Software (Selected Real-world Problems), Feb, 2017
 اساليب حل المشاكل (بحوث العمليات - الأساليب الكمية) ودعم اتخاذ القرار باستخدام الحاسب
 ISBN:
 NOOR PUBLISHING, Printed and bound by PG in the USA

III. Information Systems

- 01.INP dataBase Management System, Memo. No. 1475., 1988.
- 02.An Information System for Inventory Management (Computer Oriented), Memo. No. 1498, 1989.
- 03.An Information System for Personnel Management System (with Advanced Techniques of dBASE III plus), Memo. No. 1501, 1989.
- 04.The Five-year Plan's Demand for a dataBase and Information System (in Arabic), Memo. No. 1506, 1989.
- 05.dataBase system and library automation of INP (in Arabic).
- 06.A Project for Building a dataBase Management System of the INP Scientific Activities (3 Phases --- June 1994, Feb. 1995, Member.
- 07.A Project for dataBase Management System of the Technical and Managerial Activities of INP, Supervisor and Researcher, 1995/1996 and 1996/1997.

IV. Projects Management using Projects Management Software **www.scribd.com/people/view/3563337-prof-dr-abdalla-eldaoushy**

- 01.PMP Introduction to Projects Management**
- 02.PMP --- Project Scope Management**
- 03.PMP --- Projects Time Management, Memo. No. 971, 2009 – 2013**
- 04.PMP --- Projects Cost Management, Memo. No. 973, 2009 -- 2013-12-24**
- 05.PMP --- Project Quality Management**
- 06.PMP --- Projects Quality Management**
- 07.PMP --- Projects Human Resources Management**
- 08.PMP --- Projects Communication Management**
- 09.PMP --- Projects Risk Management**
- 10.PMP --- Projects Procurements Management**
- 11.**

Abdalla ElDaoushy, Programs & Projects Management using Computer Software

إدارة البرامج والمشاريع باستخدام برامج الحاسب

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V. Researches

Participated in a lot of researches related to the Operations Research & Artificial Neural Network Applications, Database, Long-Term Planning...

References

1. Prof. Dr. Ali Nassar, INP, Nasr-City, Cairo, EGYPT.
2. Prof. Dr. Ibrahim El-Miligi, Director, Computer Centre, Qatar Univ., P.O. 2713, Doha, QATAR.
3. Prof. Dr. Jack Lapatra, 500 Glen Wood Circle # 537, Monterey, California 93940, USA.
4. Prof. Dr. George Feeman, TELEMEDIA Inc., 310 S Michigan Ave., CHICAGO IL 60604, USA.
5. Prof. Dr. Magdi S. Mahmoud, Faculty of Engineering, Cairo Univ., Giza, EGYPT.

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