Curriculum Vitae

- **Name: Dr. Amr Mohamed Mohamed Kamal**

- **Title: Lecturer**

- **Department: Information Systems**

- **E-mail: amr.kamal@su.edu.eg**

A) Academic Qualifications:

- Bachelor's Degree in Electrical Engineering   University: Cairo   Year:1988

- Master's Degree in Computers and Information   University: Cairo   Year:1997

- Ph.D. in Information Systems   University: Helwan   Year: 2005

B) Academic promotions:

- Lecturer,   Date: 2005

C) Scientific Merit:

- Google Scholar

- Scopes ID

- Orcid –N

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

1. Egyptian Engineers Syndicate.
2. The Egyptian Computer Society (ECS).
3. Management Engineering Society (MES).
4. Top Management Group.
5. The Egyptian Geographical Society.
6. The Society of Digital Information and Wireless Communication (SDIWC).

2: Training Courses/workshops:

1. **Evaluating Academic Programs from Concept to Application,** Sinai University, 3-5 January 2026.
2. **Data Analysis Using Ms. Excel and Ms. Power BI-** July 2024, Engineering Syndicate, Suez, Egypt, 33 hours.
3. **Digital Marketing,** Scientific Computational Center, Cairo University, 45 hours, from 15/06/2023 to 24/08/2023.
4. **Student Information Systems (SIS) workshop**, basic usage, errors, troubleshooting, and monitoring student's availability, Department of General Requirement and Department of Admission and Registration, College of Applied Sciences, University of Technology and Applied Sciences, Sultanate of Oman, Tuesday 8th March2016.
5. **Linux Essentials,** Information Technology Department, College of Applied Sciences, University of Technology and Applied Sciences, Sultanate of Oman, from 13/09/2015 to 17/09/2015.
6. **Java Development for ANDROID,** Al Ahram Management and Computer Center, AMAC, Egypt, from 02/08/2015 to 16/08/2015.
7. **Modern Teaching Methodologies Workshop**, Fourth Specialization Forum, Information Technology Department, College of Applied Sciences, Ibri, University of Technology and Applied Sciences, Sultanate of Oman, 27/04/2015.
8. **"Publishing and Getting Published: Exploring the Landscape of Academic Journals in Distance Education workshop"**, 4th International Conference for E-learning and Distance Education, Riyadh, Saudi Arabia, March 2-5, 2015.
9. **"Joomla" workshop,** Information Technology (IT) Department, College of Applied Science, University of Technology and Applied Sciences, Sultanate of Oman, 09/01/2014.

10. **"Using Latex Software on writing academic thesis's or articles" workshop,** Professional Development Committee, College of Applied Science, University of Technology and Applied Sciences, Sultanate of Oman, 29/12/2014.

11. **Protection of Intellectual Property Rights, Struggling Artistic Works and Press Crimes,** Police Officers Training Institute, Police Academy, Egypt, from 14/03/2009 to 02/04/2009.

12. **Information Systems Analysis and Design,** the American University in Cairo (AUC), Engineering Services, Engineering Development Program, from 07/02/2009 to 30/05/2009.

13. **Fundamentals of Project Management for IT projects,** The American University in Cairo (AUC), Engineering Services, Engineering Development Program, from 20/09/2008 to 03/01/2009.

14. **Data Management Training,** Harwood International Corporation, Corporate Headquarters, Chattanooga, Tennessee, U.S.A., from 03/12/2007 to 18/12/2007.

15. **Data Warehousing & Data Mining Training,** Harwood International Corporation, Corporate Headquarters, Chattanooga, Tennessee, U.S.A., from 03/12/2007 to 18/12/2007.

16. **E-learning Content Management,** The American University in Cairo (AUC), Engineering Services, Engineering Development Program, from 03/02/2007 to 26/05/2007.

17. **Programming and querying SQL Server 2000,** Al Ahram Management and Computer Center, AMAC, Egypt, from 23/08/2006 to 20/09/2006.

18. **Database Programming Using VB.Net,** Al Ahram Management and Computer Center, AMAC, Egypt, from 12/08/2006 to 09/09/2006.

19. **Introduction to Database Programming Using VB.Net,** Al Ahram Management and Computer Center, AMAC, Egypt, from 17/07/2006 to 02/08/2006.

20. **Introduction to VB.Net,** Al Ahram Management and Computer Center, AMAC, Egypt, from 07/06/2006 to 05/07/2006.

21. **Data Warehouse Concepts & Teradata Warehouse Basics,** NCR Education Support Center - An AT & T Company, **Nicosia, Cyprus,** from 15/02/2006 to 17/02/2006.

22. **Oracle, SQL Programming,** NCR Education Support Center - An AT & T Company, from 18/9/2005 to 29/9/2005.

23. **Unix Shell Programming,** NCR Education Support Center - An AT & T Company, from 11/9/2005 to 15/9/2005.

24. **Unix Basic,** NCR Education Support Center - An AT & T Company, from 4/9/2005 to 8/9/2005.

25. **GIS with Autodesk Map,** Al Ahram Management and Computer Center, AMAC, Egypt, from 27/07/2005 to 17/08/2005.

26. **Introduction to GIS,** Al Ahram Management and Computer Center, AMAC, Egypt, from 25/06/2005 to 06/07/2005.

27. **Administrating SQL Server 2000 Database,** Al Ahram Management and Computer Center, AMAC, Egypt, from 26/03/2005 to 23/04/2005.

28. **Oracle, Forms Developer,** Ministry of defense, Information Systems Institute, Information Systems Department, from 1/06/2003 to 07/09/2003.

29. **Oracle, PL/SQL,** Ministry of defense, Information Systems Institute, Information Systems Department, from 1/06/2003 to 21/06/2003.

30. **Access 2000 programming,** Al Ahram Management and Computer Center, AMAC, Egypt, from 02/04/2003 to 19/05/2003.

31. **Internet,** Heliopolis Library Computer Center, from 17/09/2002 to 25/09/2002.

32. **ASP (Active Server Pages),** Heliopolis Library Computer Center, from 19/08/2002 to 27/08/2002.

33. **UNIX Administration,** NCR Education Support Center - An AT & T Company, from 14/7/2002 to 18/7/2002.

34. **Fundamentals of UNIX operating system V.4,** NCR Education Support Center - An AT & T Company, from 7/7/2002 to 11/7/2002.

35. **Photoshop,** Al Ahram Management and Computer Center, AMAC, Egypt, from 11/05/2002 to 09/06/2002.

36. **Web Design,** Future Library Computer Center, from 05/05/2002 to 21/05/2002.

37. **E-Business,** Cairo University, Faculty of Engineering, from 27/04/2002 to 24/06/2002.

38. **HTML,** Heliopolis Library Computer Center, from 04/04/2002 to 23/04/2002.

39. **Advanced UNIX operating system V.5,** NCR Education Support Center - An AT & T Company, New Jersey, USA., from 9/10/1994   to 23/10/1994.

40. **TOP END programming,** NCR Education Support Center - An AT & T Company, from 4/9/1994 to 8/9/1994.

41. **ORACLE & PROCOBOL,** NCR Education Support Center - An AT & T Company, from 29/8/1994 to 1/9/1994.

42. **ORACLE SQL PLUS,** NCR Education Support Center - An AT & T Company, from 29/8/1994 to 30/8/1994.

43. **Introduction to ORACLE,** NCR Education Support Center - An AT & T Company, from 28/8/1994 to 1/9/1994.

44. **Fundamentals of UNIX operating system V.4,** NCR Education Support Center - An AT & T Company, from 21/8/1994 to 25/8/1994.

45. **COBOL 85 & WORKSHOP,** NCR Education Support Center - An AT & T Company, from 7/5/1994 to 19/5/1994.

46. **Database IV,** Scientific Computational Center, Cairo University, Grade: Excellent, Graduated top of the class, from 19/6/1993 to 19/7/1993.

47. **Introductory Course on Computers and Computational Techniques in Electrical Engineering,** Department of Electrical Engineering, Faculty of Engineering, Cairo University, from 27/7/1987 to 19/8/1987.

48. **Introduction and FORTRAN Language,** Department of Computer Science and Information, Faculty of Graduate Studies for Statistical Research, Cairo University, from 6/7/1985 to 7/8/1985.

3: Conferences, Seminars and Workshops:

1. "Student's attendance and the Academic Performance", First International Conference on Students Affairs (Reality and Challenges), Sultan Qaboos University, Students 'Affairs Deanship, Sultanate of Oman, 26, 27 Mrach 2019**.**

2. Ministry of Health, Chamber of Commerce and Industry, Al-Dhahira Governorate, Sultanate of Oman, 28, 29 November 2018. I participated as an evaluator for the conference researches.

3. **"Smart Inventory Control System for Smart Campus"** Al Musanna College of Technology (ACT), The Educational Technology Center (ETC), Roadmap to Smart Campus, Sultanate of Oman, Tuesday 27 February 2018.

4. "Flood Prediction Using Decision Tree Learning and Regression Analysis", Dr. Mohammed Kayed, and Dr. Amr Kamal, Enhanced Technologies and Recent Trends in ICT Symposium, 20-21 April, 2016, College of Applied Sciences, Salalah, Sultanate of Oman.

5. Key Factors in Developing an Effective Learning Environment - An Analytical Applied Study on the College of Applied Sciences, Ibri, Sultanate of Oman, International Conference on Communications, Computer Science and Information Technology (ICCCSIT'2016), March 12 -14, 2016, Dubai, United Arab Emirates.

6. "E-learning Capital Budgeting Decision Models (A Comparative Analytical Study)", the fifth International E-learning Conference, Cognitively Informed Technology, sponsored by IEEE, Manama, Kingdom of Bahrain, 18-20 October, 2015.

7. "Association of Student's Position in a Classroom and Student's Academic Performance Using ANOVA", the fifth International E-learning Conference, Cognitively Informed Technology, sponsored by IEEE, Manama, Kingdom of Bahrain, 18-20 October, 2015.

8. "A Proposed Statistical Approach for Outlier Detection", National Symposium on Innovations in Information Technology, University of Technology and Applied Sciences, College of Applied Sciences, Sohar, Sultanate of Oman, 28-29 April 2015.

9. "Quality Dimensions and Assessment of E-learning Systems", The 4th International Conference for E-learning and Distance Education, Riyadh, Kingdom of Saudi Arabia, 2-5 March, 2015.

10. "A Data Mining Approach for Improving Manufacturing Processes Quality Control", The 2nd International Conference on Next Generation Information Technology, sponsored by IEEE, Gyeongju, Republic of Korea sponsored by IEEE, June 2011.

(http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&searchWithin=%22First%20Name%22:Amr&searchWithin=%22Middle%20Name%22:Mohamed&searchWithin=%22Last%20Name%22:Kamal).

11. **"Decision Support System (DSS) for Mining Demographic Crime Database Using Multiple Linear Regression Model",** The 41st International Conference on Statistics, Computer science, and Operation Research, Department of Computer Science and Information, Faculty of Graduate Studies for Statistical Research, Cairo University (December 03-06, 2006).

12. "Computer and Internet Crimes and Police and Society Struggling in Arab World", The 41st International Conference on Statistics, Computer science, and Operation Research, Department of Computer Science and Information, Faculty of Graduate Studies for Statistical Research, Cairo University, Egypt, (December 03-06, 2006).

13. "Information Crimes, and Tools of Training for Struggle it", Training Department, Ministry of Interior, Egypt, June 2006.

14. "**Driving Value from the Data Warehouse",** Tera data Conference, June 2004, (Egypt), 23rd to 25th of September 2004- Sharm El-Sheikh, South Sinai, Egypt.

15. **"A Process Model for Software Maintenance Using Reverse Engineering"**, Management Engineering Society (MES), Egypt, March 1999.

16. **"Towards a Computerized Passengers Retrieval Information System for Cairo International Airport Complex",** 32nd International Conference on Statistics, Computer science, and Operation Research, Department of Computer Science and Information, Faculty of Graduate Studies for Statistical Research, Cairo University (December 13-15, 1997), and the 6th International Conference on Artificial Intelligence Applications sponsored by The Egyptian Computer Society (ECS) in collaboration with The American University in Cairo, Faculty of Computers & Information-Helwan University, and AL_AHRAM Establishment - National Committee of Informatics, Egypt, (February 18-21, 1998).

4: Teaching Scopes:

"Software Project Management", "Information Technology Project Management", "Project Management and Acquisition", "Systems Analysis and Design", "Database Development", "Introduction to Database", "Advanced Database Design", "Advanced Data Modelling", "Human Computer Interaction", "User Experience Design", "Advanced Web Development Using PHP, and MySQL", "Object Oriented Programming in Java", "Application Software Development Using JAVA", "Principals of Information systems", "Software Engineering", "Foundation to Digital Technology", "Ethics and Professional Practice", "Introduction to Research Methods", "Introduction to Computer Organization", "Introduction to IT", "Fundamentals of Computing and Information Systems", "Computer Skills" and "Advanced Computer Skills"

5: Awards and Certificates of Appreciation:

1. **The University of Technology and Applied Sciences, Sultanate of Oman, honored** me for my participation and implementation of the Community Service Programs, academic year 2024-2025.
2. **The Information Technology Department, College of Applied Sciences, Ibri, University of Technology and Applied Sciences, Sultanate of Oman, honored** me for my vital role in fulfilling the Department of Computing and Information Sciences' Action Plan of the academic year 2024-2025.
3. **The Information Technology Department, College of Applied Sciences, Ibri, University of Technology and Applied Sciences, Sultanate of Oman, honored** me for my outstanding contributions to the Information Technology Program, May 2023.
4. **The Information Technology Department, College of Applied Sciences, Ibri, University of Technology and Applied Sciences, Sultanate of Oman, honored** me for my valuable contribution to IT Department as System Coordinator for Software Project Management Course from 2012 to 2014, March 2013.
5. **The University of Technology and Applied Sciences, Sultanate of Oman** honored me in the excellence and creativity festival that was held in Muscat in 30/04/2011 for my devoted efforts and distinction in using information technology in work. This news was published in Omani newspapers (Oman and Alwatan in 01/05/2011, pages 11, 8).
6. **The Egyptian Minister of Interior** honored me in Science Festival in Police Academy, June 2006.
7. **Ministry of Interior, Training Department, Egypt** honored me in June 2006 because I attained the first rank for my research "Information Crimes, and tools of Training for Struggle it".
8. **The committee of Faculty of Graduate Studies for Statistical Research, Cairo University, Egypt** honored me in the golden jubilee of the faculty (1947-1997) for my efforts in publishing statistical awareness in Egypt.
9. I attained **The Prize of Prof. Dr./Amena El Hefny** for my paper "A process model for software maintenance using reverse engineering" as the best paper in 1998, from **Management Engineering Society (MES)**, Egypt, March 1999.

6: Scientific Mission:

I traveled to U.S.A, Kentucky, University of Louisville, Computer Engineering and Computer Science Department as **a research visitor** for collecting the required scientific material of my Ph.D. thesis.

7: Consultancy Experience:

I participated as an Information Systems Consultant for several large scale information systems such as: Black list, custom permission, criminal investigation, tourism, Traffic, Inventory control, library of tapes, pay roll, personnel, social insurance fund, documentary credits and guarantee letters, external shopping, internal shopping, import, calibration, import inspection, suppliers evaluation, documentary control, quality assurance, foundry technology, preventive maintenance, predictive maintenance, corrective maintenance, marketing, projects study, preparing and following plans, production processes inspection, alloys inspection, external reference inspection, tenders, budget implementation, production bonus, laboratories, planning and following up, students' affairs, financial lists, and lawyer offices.

- I developed an Integrated Interactive Multi-user Computer Based Information System for **Inventory Control** for the University of Technology and Applied Sciences, Sultanate of Oman. This was published in the most famous Omani newspapers such as: Alshabiba, page no:5, www.shabiba.com, and Oman newspaper , page no:9, www.omandaily.om, and Oman News Agency on Wednesday 19/02/2014. I also conducted an intensive training course for policy makers, decision makers, administrative and financial managers, store keepers regarding this project in Muscat during the period from Sunday 02/02/2014 to Thursday 06/02/2014.
- I developed an Integrated Interactive Multi-user Computer Based Information System for **following Visas, Passports, and residence cards of Non Omani Faculty Staff and their Companions** for the University of Technology and Applied Sciences, Sultanate of Oman.
- I worked in the Information Center of Cairo International Airport. I participated in fields of planning, analysis, design, implementation, S/W testing, integration, maintenance, network support, training, and users support from 1989 to 2009.
- I developed a Complete Integrated Computer Based Information System (planning, analysis, design, implementation, and maintenance phases) for the **"Students' Affairs"** (SIS) of **Faculty of Arts, Ain-Shams University**.
- I developed a Complete Integrated Computer Based Information System (planning, analysis, design, implementation, and maintenance phases) for **Poison Control Center and Legitimacy Chemistry**, Ministry of Health, Makah, Kingdom of Saudi Arabia.
- I developed a Complete Integrated Computer Based Information System (planning, analysis, design, implementation, and maintenance phases) for **"Financial Lists"** for Fawzy Moustafa & Co (Chartered Accountants, Auditors & Tax Experts).
- I developed a Complete Integrated Computer Based Information System (planning, analysis, design, implementation, and maintenance phases) for **"Lawsuits"** for Fawzy Moustafa & Co (Chartered Accountants, Auditors & Tax Experts).

- I worked a Senior Information Specialist in the planning, analysis, design, implementation, and support phases of the information network of **Egyptian Dredging Company** (executive sector) through **The Consulting Group for Total Systems** (S/W House) during the period from June 1999 to June 2001.
- I participated as a Senior Information Specialist in the planning, analysis, design, implementation, and support phases of the information network of **Sugar & Integrated Industries Company (SIIC)** through the Consulting Group for total Systems (S/W House) during the period from December 1997 to June 1999.
- I worked a consultant in information systems and databases fields in **Blue Max Computer Company** (Egyptian Stock Company).

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journals

- National journals

G) Quality Assurance in Higher Education:
- **Evaluating Academic Programs from Concept to Application,** Sinai University, 3-5 January 2026.

H) Skills

- Language Skills: English: Excellent, French: Fair, Arabic: Mother tongue.

- Computer Skills: Systems Analysis and Design, Database Design, and Project Management

- Presentation skills: Power Point Presentation