



Prof.Dr.Eng. **Salim Idris**

Electronic Engineering_ wireless
communication



Renowned Professor at the Director of Computer Science Institute, adept in team leadership and critical thinking, significantly enhanced student success rates through innovative teaching methods. Authored over 14 scientific books, elevating academic standards and fostering industry connections. Excelled in academic advising and public speaking, mentoring faculty and students alike for optimal professional development. Inspiring Professor brings advanced teaching skills and department leadership experience. Goal-oriented to advance department, improve teaching and modernize courses. Extensive background in research. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals. Detail-oriented individual with exceptional communication and project management skills. Proven ability to handle multiple tasks effectively and efficiently in fast-paced environments. Recognized for taking proactive approach to identifying and addressing issues, with focus on optimizing processes and supporting team objectives. Innovative technology professional with several years of diverse experience. Skilled in enhancing systems and aligning technical solutions with business objectives. Proven success in leading projects from start to finish and contributing to organizational growth and success. Equipped with strong problem-solving abilities, willingness to learn, and excellent communication skills. Poised to contribute to team success and achieve positive results. Ready to tackle new challenges and advance organizational objectives with dedication and enthusiasm.

- **Contact**



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- **Languages**

Arabic	Native language
German	
English	
Turkish	

- **Education**

1990-03	Ph.D.: Wireless Communication Engineering Hochschule Fuer Verkehrswesen - Dresden- Germany
1987-03	Master of Science: Information Technology Hochschule Fuer Verkehrswesen - Dresden Germany
1981-08	Bachelor of Science: Electrical & Electronics - Communications Engineering Electric And Electronic Engineering Faculty - Aleppo University

- **Academic Degrees**

- Promoted to the rank of Professor in 2000
- Promoted to the rank of Assistant Professor in 1995
- Appointed as a lecturer at the College of Electronic Engineering - Academy of Engineering in 1990

- **Software**

Visual Basic	very good
C++	intermediate

- **Work History**

1990-03	Professor
March 1990 Till July 2012	During my work period from 1990 until July 2012, I taught the following subjects at the Academy of Engineering and the University of Aleppo:

- Electronic Devices and Circuits (1).
- Electronic Circuits (2)
- Basics of Electrical Engineering
- Electronic Engineering
- Wireless Transmission Engineering
- Wireless Reception Engineering
- Digital Circuits
- Integrated Circuit Applications
- Microcontrollers
- Microprocessors
- Programmable Industrial Controllers (PLCs)
- Hardware Descriptive Language VERILOG.

During my work as a professor and director of the institute, I focused on the following points:

- Mentored and supervised graduate students, providing valuable guidance for thesis work, research projects, and professional development.
- Evaluated student progress using both formative and summative assessments to provide targeted feedback for continuous improvement.
- Developed innovative teaching methods tailored to diverse learning styles, enhancing student comprehension and success rates.
- Used different learning modes and types of technology to engage students in achieving learning outcomes.
- Provided students with constructive, encouraging and corrective feedback.

- Increased course relevance by incorporating real-world examples and case studies into lesson plans.
- Identified research opportunities for students, assisting with gathering data and drawing conclusions for projects.
- Worked with dean to assess and evaluate courses and programs in appropriate discipline.
- Ensured curriculum alignment with academic standards through regular course review and updates.
- Advised students on academic planning, career goals, internships, research opportunities, and graduate school applications to foster successful outcomes postgraduation.
- Established industry connections for students by organizing guest speaker events, workshops, and networking opportunities.
- Boosted overall department performance by mentoring junior faculty members and sharing best practices.
- Organized and led successful academic conferences and symposiums, enhancing university's standing in academic community.
- Improved departmental efficiency, adopting new software tools for course management and student assessments.
- Created materials and exercises to illustrate application of course concepts.

- Reviewed program materials and coordinated updates to keep department materials relevant and accurate.

Translation and preparations of books

I have translated, prepared and published more than (14) scientific books during my work period, and some of these books are:

- Analysis and design of electronic circuits (1)
- Analysis and design of electronic circuits (2)
- Wireless transmission engineering
- Fundamentals of digital circuits
- Microcontrollers (PIC Microcontrollers)
- Programmable Logic Controllers (PLCs Siemens S7-200, S7-300)
- Practical electronics for innovators - 2004 - Dar Sho'a - Aleppo, Syria
- Operational amplifiers and analog integrated circuits and their applications - 2003 - Dar Sho'a - Aleppo, Syria
- Principles of digital electronic design - 2002 - Dar Sho'a - Aleppo, Syria
- Data communication and computer networks - 2006 - Dar Sho'a - Aleppo, Syria
- Detection and repair of electronic device faults - 2008 - Dar Sho'a - Aleppo, Syria

- Computer Electronics for Maintenance and Network Technicians - 2007 - Dar Sho'a - Aleppo, Syria

- Electronic Terminology Guide - 2004 - Dar Sho'a - Aleppo, Syria
 - Pocket Guide for Electrical Technicians in Testing, Detection and Repair of Faults - 2008 - Dar Sho'a - Aleppo, Syria
- In addition to reviewing and revising a large number of scientific books by other authors.

Technical expertise and engineering projects within the professional work unit

- Member of the committees to study and set technical conditions for laboratories and equipment of the Academy of Engineering 1984-1986
- Member and Chairman of the committees to evaluate technical offers and testing received equipment for the Academy's laboratories 1990-2012
- Chairman of the committee to study technical offers for equipment for the Monitoring And Control Project for the Aleppo Water Corporation 2007
- Chairman of the working group to prepare executive plans and install, operate and transfer monitoring and control signals in the Monitoring And Control Project implemented for the Aleppo Water Corporation between 2007-2011
- Development of a SCADA monitoring program for the monitoring and control project in the Aleppo Water Corporation.

Administrative Experiences:

- Head of the Postgraduate Studies Branch (Masters, PhD) and Administrative Supervisor at the Academy of Engineering (1993 – 2008)
- Director of the computer Engineering Institute at the Engineering Academy (2008 – 2012)
- Member of the Academy Council (2008-2012)

Skills:

- Course Planning
- Critical Thinking
- PowerPoint Presentations
- Workshops and Seminars
- Academic advising
- Lesson Planning
- Motivation
- Schedule Management
- Academic Advisory
- Lectures and Discussions
- Research Writing
- Planning and implementing engineering projects from A to Z
- Public Speaking

Supervising graduation projects for bachelor's, master's and doctoral degrees

- Supervising more than 40 bachelor's degree graduation projects at the Academy of Engineering and the University of Aleppo
- Supervising more than 10 master's degree theses at the Academy of Engineering

- Supervising doctoral thesis at the Faculty of Information Engineering at the Academy of Engineering
- Chairman and member of the arbitration committees for the master's and doctoral degrees exam at the Academy and the University of Aleppo