



Name: Eng. Mohammad Saad Zaki Mohammad Ali
Rank: Senior Instructor - Electrical & Electronics Engineering

Personal Information

Nationality: Egyptian
AU Joining Date: 14 Aug 2016
E-Mail Address: m.zaki@au.edu.kw

Professional Information

Education:	• [2001] Bachelor of Electrical Engineering (Telecommunications & Electronics), Faculty of Engineering, Alexandria University, Egypt Final Grade: Very Good • [2011] Master of Electrical Engineering (Telecommunications & Electronics) Faculty of Engineering & Petroleum Kuwait University, Kuwait Final Grade: Distinction
Specialization:	Telecommunication and Electronics
Current Academic Position:	Senior Instructor - Electrical & Electronics Engineering
Current Professional Positions:	• Active member of IEEE Organization. • Member of IEEE Education Society. • Member of IEEE Communication Society.
Previous Administrative Position Held:	NA
Previous Academic Positions Held:	Teaching Assistant in the Electrical Engineering department at Alex University. Computer instructor in PAAET Department in New Horizon-Kuwait. Program Manager for training & PAAET department in SIMS Academy.
Fellowships And Honors:	• Cisco Certified Network Associate • Microsoft Office Certified • Certified Microsoft Educational Solutions. • Citrix Solutions Certified. • HP Blades Pre-Sales Certified

	• HP ASC accredited sales consultant for HP Storage. • HP ASC accredited sales consultant for HP XP Storage. • Autodesk Building Technical Certified • EMC Storage design certified • EMC protection solution design certified • Member of IEEE • Member of the Kuwait Engineering Society • Member of the Egyptian Engineering Society • Member of the Australian Computer Society (ACS) • AU Teaching Excellence Nominee • AU Teaching Excellence Award winner • Huawei Excellent Tutor Award winner for 3 consecutive years • Three times best Electrical and Electronics Engineering project winner • Winner of the Project Innovation Award - National Huawei Competition 2025. • Third place winner in the Global Huawei Competition 2023
Teaching Experience:	More than 10 Years
Industrial And Technical Experience:	1. Senior Design Engineer in Kuwait Electrical poles factory for 6 months Responsibilities: • Design electrical cubicles and bus bar systems for different projects • Approve designs from MEW 2. Assistant design and sales manager in Kuwait Digital Computer Co. for 5 years Responsibilities: • Design complete IT infrastructure solutions including but not limited to (Switching & Routing, Data Security, Voice Networks, Wireless Networks, Virtualization and cloud solutions) • Involved with decision-makers to approve the design. 3. Products Manager in National Computer Services for 6 years Responsibilities: • Design complete IT infrastructure solutions including but not limited to (Switching & Routing, Data Security, Voice Networks, Wireless Networks, Storage, Backup, Disaster Recovery, Virtualization and cloud solutions) • Involved with decision-makers to approve the design. • Supervise the implementation of the projects. • Project manager for mega projects. 4. Engineering products manager in Bader Almulla for 2 years Responsibilities:

	• Design complete IT infrastructure solutions including but not limited to (Switching & Routing, Data Security, Voice Networks, Wireless Networks, Storage, Backup, Disaster Recovery, A/V, Virtualization and cloud solutions) and integrate all these systems in one ELV solution for smart buildings. • Involved with decision-makers to approve the design. • Supervise the implementation of the projects. • Project manager for mega projects. • Design consultant for ELV systems
Research Interest:	• Telecommunication and Electronics • Wireless Communication • Data Networks • IOT • E-learning Technology • Sensor Networks • Semiconductors in Renewable Energy
Research Grants:	NA
Research and Publications including Journal and Books:	"TABLET-AIDED LECTURING EFFECTIVENESS: CASE OF THE AUSTRALIAN UNIVERSITY" which was accepted and published in CDIO 2020 16th conference proceeding
Paper Presentations at Professional Conferences:	TABLET-AIDED LECTURING EFFECTIVENESS: CASE OF THE AUSTRALIAN UNIVERSITY
College Service including committee Membership:	IOSH certified. Certified in using advanced teaching and learning strategies and tactics for engaging students. Member of the Curriculum Committee. AU winner of the graduation project exhibition in Spring 2019. AU winner of Teaching Excellence Award 2019. Winner of Excellent Tutor award in Huawei ICT competition 2021, 2022 & 2023. Member of the E-Learning committee which created the path of transformation to the online and hybrid method of teaching. HOD representative for Activity Committee. Member of PBL Committee. Member of Validation and Moderation Committee. Member of Auditing, QM and Accreditation Committee. Huawei ICT competition supervisor.
National Service:	Participated in the Arabic Robotics Challenge. Supervised the Winner of the IEEE 2019 Robotics challenge. Supervised the Winner of the IEEE 2019 Graduation Project challenge.
College Committees:	Head representative of Activity Committee Head representative of PBL Committee Member of E-learning Committee Member of the Validation and Moderation Committee Member of Auditing, QM and Accreditation Committee Previous member of Curriculum Committee.