



Name: Eng. Sami Asaad

Rank: Senior Instructor - Electrical & Electronics Engineering

Personal Information

Nationality: Jordanian

AU Joining Date: 18 Aug 2019

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Professional Information

Education:	MSc Electrical & Electronic Engineering & Management _Dec 2014_ University of Glasgow UK BSc Electronic & Telecommunications Engineering _ Jun 2006 _ Applied Science University_ Jordan
Specialization:	Electrics & Telecommunication Engineering Management
Current Academic Position:	Senior Instructor - Electrical & Electronics Engineering
Current Professional Positions:	NA
Previous Administrative Position Held:	NA
Previous Academic Positions Held:	Instructor - AUM - Kuwait (March 2016-Dec2018)
Fellowships And Honors:	NA
Teaching Experience:	Instructor - AUM - Kuwait (March 2016-Dec 2018)

Industrial And Technical Experience:	- Radio Network Planning & Optimization Consultant in MSIUK_VIVA Project_ Kuwait for 5 years: Responsibilities: - Prepare and conduct the 2G/3G Radio Network Design for Kuwait 3rd operator 'VIVA' - Daily monitor of main KPIs to maintain them under their -defined threshold of RNC. - Improve the worst performing cells in terms of Accessibility, mobility and rentability - Telecommunication Engineer in Future Communication Company International (FCCI) for 2 years Responsibilities: - Installation, commissioning and Integration of Node-B (BTS 3812E) & micro node-<u>B</u> of Huawei and Nokia - Troubleshooting and Maintenance of 3G Network equipment's. - Telecom Equipment and Functionality
Research Interest:	- Artificial Intelligence and Machine Learning - Computer Vision - Wireless Communication - Visible Light Communication - Fiber Optics - Renewable Energy
Research Grants:	• Development of a Hybrid Renewable Energy System Optimized for Kuwait Environment. (Second co-investigator) Research Grant by KFAS.
Research and Publications including Journal and Books:	• Moghimi, Seyed Morteza & Bostani, Ali & Elahimanesh, Abolfazl & Assad, Sami. (2019). COMPARISON OF TWO STANDARD POWER NETWORKS FOR GENERATION AND LOAD PATTERNS IN POWER SYSTEM. 31. 379-388.
Paper Presentations at Professional Conferences:	• CDIO 18th International Conference_Iceland_2022: "Engineering Students Engagement in a Hybrid Learning Mode: A comparative study." S.Asaad, M. Farhat. H.Salti • International Conference on Electrical and Computing Technologies and Applications (ICECTA'2022), Ras Al Khaimah, UAE, November 23-25, 2022: "Assessment of a Hybrid Renewable Energy System: The Case of Kuwait", M. Nahas, M. Farhat, S. Asaad, M. A. Mannah.
College Service including committee Membership:	Committees Electrical and Electronics Engineering - College of Engineering - AU: • Credit Transfer Committee • Project Based Learning Committee • Activities and Events Committee

	• Labs Committee • Teaching, Learning, Validation, and Moderation Committee
National Service:	NA
College Committees:	Youth Advisory Board Team - Collaboration between AU & KIPIC