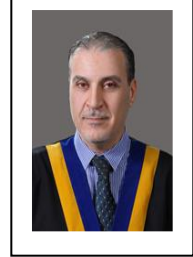


Date: 15.12.2024



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: SAMI AYYAD
Academic Rank: Assistant Professor
College: Engineering
Department: Civil Engineering
Nationality: Jordan
Address: Amman Arab University
Phone No: 0797249110
E-mail: samiayyad@aau.edu.jo, dr_samiayyad@yahoo.com, samiayyad1972@gmail.com

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in program, university, year.
- M.Sc. in program, university, year.
Bridges and Vehicular Traffic Tunnels
Moscow Automobile and Road Constructions Institute (State Technical University)
1998

Project / theses title: Design of the city under the pass

- Ph.D. in program, university, year.
Design and Construction of Roads, Subways, Airdromes, Bridges and Vehicular
Traffic Tunnels
Moscow Automobile and Road Constructions Institute (State Technical University)
2002

Dissertation title: Improvement of Strength of Non-strong Bases when Reconstruction
automobile Roads

ACADEMIC EXPERIENCE

- Duration: 16 Years
- University: Amman Arab University (AAU), Middle East University (MEU), Applied
Science Private University (ASU), Al Isra University, AL Margeb University
- Academic Rank: Assistant Professor
- Date the rank was granted: 2012
- The body granting the rank: Al Isra University
- College: Engineering
- Country: Jordan, Libya

NON-ACADEMIC EXPERIENCE

- Duration:7 years
- Institution: First Option Project Construction Management Co.& Falcon Construction Co. & EMC-Falcon Electro Mechanical Contracting Co. ,Storytransgaz - (STG),Target Engineering Construction Co,Abu Menna Institution for Construction projects
- Department: Civil Engineering
- Country: Egypt, Jordan,UAE

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- 2024-2025 Accreditation, National Qualifications Framework and Quality Assurance Test Management
- 2024-2025 Applying for International Projects
- 2024-2025 How to Build an Electronic Course File
- 2024-2025 Asynchronous Content Production Standards for Courses
- 2024-2025 Recording and Editing Lectures and Educational Videos Modern Learning Strategies in Teaching (Flipped Learning Project-Based Learning)
- 2024-2025 Modern Performance Indicators in Teaching Refer K P I s Performance Indicators to Action Plans and How to Achieve Them
- 2024-2025 How to Prepare Research Received from the Thesis
- 2023-2024 Creating asynchronous content for courses - Amman Arab University
- 2022-2023 Foundations and mechanism for conducting the equivalency of academic courses - Amman Arab University
- 2022-2023 Publishing in international peer-reviewed journals - Amman Arab University
- 2022-2023 - Academic supervision of university theses and the role of the academic supervisor - Amman Arab University
- 2022-2023- Using modern technologies in teaching - Amman Arab University
- 2022-2023- Evaluating learning outcomes and preparing exams and evaluation tools - Amman Arab University
- 2022-2023- Office services for private Jordanian universities - Amman Arab University
- 2022-2023- Designing and preparing academic courses according to the type of learning - Amman Arab University
- 2022-2023- Jordanian Accreditation for Academic Programs - Amman Arab University
- 2022-2023 - International accreditations and academic classifications - Amman Arab University
- 2022-2023-Strategic Planning - Amman Arab University
- 2022-2023-Study plans and their development - Amman Arab University
- 2022-2023 - Foundations of creating academic programs and studying and reviewing programs - Amman Arab University

دائرة الموارد البشرية
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- 2022-2023- Springer database training course - Amman Arab University
- 2022-2023 - Mechanisms for implementing distance and blended e-learning - Amman Arab University
- 2021-IELTS A2
- 2021-EON-XR Educator Course
- -10/2019 Training Program for Early Career Academics in STEM at Jordanian Universities, British Council
- - 2018 workshop to develop the professional performance of new faculty members at the Middle East University (MEU)
- 2017 - Road Maintenance Workshop - Reality and Ambition
- -02/08/2016 Workshop - Traffic reality in Jordan - Problems and solutions - Jordanian Engineers Association
- 2016 Workshop - Designing Asphalt Mixtures - Jordanian Engineers Association
- -20-22/10 2015 Professional Performance Development Workshop for New Faculty Members, Applied Science Private University - Amman - Jordan
- 2014- Conversation in English - Al-Isra University
- -9-25- 2012 Professional performance development workshop for new faculty members at the college - Al-Isra University- Amman - Jordan
- Conversation Course- English Language
- PMP (Project Management Professional) Course
- English Grammars Language
- Russian Language (1993-1994)
- (790 hour) in Russian Language& (72 hour) in methods of teaching Russian language (I have the right to teach Russian language at courses and circles of Russian) 1994-1998
- Ready Programs Course
- Comprehensive Computer Course
- International Computer Driving License (I C D L)
- Engineering Design (Auto cad 2 Dimensions)
- Basic Fire Fighting
- Basic First Aid
- Advanced First Aid
- 2003-Ready software

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- | | | |
|----------------------------------|--------|------------|
| ▪ Member, Engineers Association, | Jordan | Since 1998 |
| ▪ Member, Engineers Association, | Libya | Since 2004 |
| ▪ Member, Union Engineers net | | Since 2010 |

HONORS AND AWARDS

- None

SERVICE ACTIVITIES

- Traffic Safety - Tenth and First Secondary Grade Students - Educational Growth Schools
- The Compatibility Relationship between Media Production and Engineering Construction
- National Festival - I Will Not Leave
- Professional Day Festival
- Participate and contribute to the success of various sports activities.

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Coefficient of lateral soil pressure when using reinforced and unreinforced piles filled sand & granite grain for strengthening roads layers, Sami Ayyad, ISSN: 2331-1916, VOL. 11, NO. 1, 2410979, 2024-10-03
2. Reducing the Highway Networks Energy Bills using Renewable Energy System, Sami Ayyad, Mousa Bani Baker, Ahmed Handam, Takialddin AlSmadi, E-ISSN: 2476-3055; ISSN: 2676-6957, Issue 11 of Volume 9, November 2023.
3. Design criteria for the floating walkways and pontoons considering the extreme climatic conditions, Sami M. Ayyad, e-ISSN: 2147-9666, (2022) 11(2): 169-178
4. The use of sand columns in the reinforcement of weak layers in road engineering, S.M. ayyad1, O.A. Ahmad 2, ISSN 1230-2945, vol. LXVII, issue 1 ,2021
5. Secondary treated wastewater as a concrete component and its impact on the basic strength properties of the material, O.A. ahmad1, S.M. ayyad2, ISSN 1230-2945, vol. LXVII, issue 1 ,2021

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Media Coverage of the Second Scientific Engineering Day - Arab University of Amman
- Academic Support Committee/Member - University
- Preparing and following up on the implementation of the strategic plan/Member - University
- Advisory Council/Member - Faculty
- College of Engineering Council//Member - Faculty
- Committee of Scientific Research/Member – College
- Student Club Committee/College
- Strategic Planning Committee/Member - College
- Advisory Board/Head - Department
- Study Plans Committee/Head – Department/ college
- Quality Assurance Committee/Member – Department/ college
- Scientific Research Committee/Member – Department/ college

دائرة الموارد البشرية
Human Resources Department

- Committee for the Development of Measuring the Effectiveness of Academic Programs/Member - Department
- Field Training Committee/Member - Department
- Graduation Projects Committee/Head of Department
- Student Affairs Committee/Member - Department
- Committee to study the creation of specializations/Head of the Department
- Committee for Integrating Face-to-Face Education with E-Learning/Member - Department.
- Oversight and Inspection Committee/Member - Department.
- University Proficiency Examination Committee/Member - Department
- Faculty Recruitment Committee/Member - Department
- Academic Advising Committee - Head – Department
- Committee for the preparation and follow-up of the implementation of the strategic plan / university
- Formation of the university proficiency examination committee / university
- Committee for monitoring the health situation in the university / university
- Control and inspection committee / university
- Quality controller / university
- Advisory board / college
- Council of the College of Engineering / college
- Student disciplinary committee / college
- Laboratory security and safety committee / college
- Risk management committee / college
- Library committee / college
- Preparatory committee for the establishment of a master's degree / college

RESEARCH LINK (Scopus and Google Scholar)

- <https://scholar.google.com/citations?user=NuNmfMwAAAAJ&hl=en&oi=ao>
- <https://www.scopus.com/authid/detail.uri?authorId=57226388798>

LANGUAGES

- Arabic
- English
- Russian