

CURRICULUM VITAE

Abdel-Karim Riyad,

Personal Address

Tulkarm, Palestine



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Birth Date July 24th, 1958

Marital Status Married

Buisness Address An-Najah National University
College of Engineering
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Present Occupation:

Associate Professor, Department of Civil Engineering.
IAESTE National Secretary.

Education:

- * Ph.D., Civil Engineering (Structural Engineering major), The Pennsylvania State University, U.S.A., 1989.
Thesis: “Structural Evaluation of Prestressed Concrete I-Beams With Openings in The Webs”
- * M.Sc, Civil Engineering , Al-Yarmouk University, Jordan, 1984.
Thesis: “Structural Evaluation of Concrete Backed Stone-Masonry Walls”.
- * B. Sc, Civil Engineering, University of Jordan, Jordan, 1981.

Registered Civil Engineer:

Jordan No. 2925, 1981

Professional Interests:

Building Materials
Concrete Technology
Reinforced Concrete Structures
Steel Structures
Masonry Structures
Structural Analysis
Computer Applications in Structural Engineering
Low-Cost Housing
Prestressed Concrete

Courses Taught at An-Najah University

Graduate Courses:

Advanced Reinforced Concrete Design

Prestressed Concrete Design

Matrix Analysis of Structures

Undergraduate Courses:

Design of Reinforced Concrete Structures 1

Design of Reinforced Concrete Structures 2

Design of Reinforced Concrete Structures 3

Design of Steel Structures

Stone Masonry in Palestine

Experience

- October 2008 to present, Associate Professor of Civil Engineering, Department of Civil Engineering, An-Najah National University.
- January 1989 to September 2008, Assistant Professor of Civil Engineering, Department of Civil Engineering, An-Najah National University.
- February 2007 – August 2010, President Assistant.
- September 1999 - 2006, Dean, College of Engineering, An-Najah National University.
- October 1992 to October 1994, Head, Department of Civil Engineering, An-Najah National University.
- July 1981 to July 1984, Consultant Engineer, An Engineering Firm, Amman, Jordan.

Society Membership

- Jordanian Engineers Association.
- American Concrete Institute.
- Prestressed Concrete Institute.
- American Society of Civil Engineers.
- Professional and Organization Development Network in Higher Education (POD)

Committee Membership:

- Elected member, The College of Engineering Council, An-Najah National University, 1990-1991.

- Chairman, The Organizing Committee, The First Palestinian Conference in Civil Engineering, An-Najah National University, 1992.
- Member, The Committee for the development of the college of Engineering, An-Najah National University, 1992 to 1994.
- Member, The Judging Committee for the Selection of the Best Housing Project, The Palestinian Housing Council, 1993.
- Member, The Editorial Board, An-Najah Journal of Research 1993 to 1994.
- Member, The Administrative Council of the Building & Transportation Research Center, 2000-Now.
- Member, the Organizing Ccommittee. The Second Palestinian Engineering Conference, An-Najah National University, 2001.
- Member, The Advisory Committee for Reviewing The Building Code for Energy- Saving Buildings, Ministry of Local Government, 2003.
- Member in more than Twenty Specificaiton Committees of the Palestinian Standard Institute (PSI).
- Member of the Higher Committee for the Strategic planning of An-Najah University, 2004.
- Member of The Board of The Establishment of The Institutional Research Units Project, A Joint project with Birzeit University and Beit Lehem University, 2009.
- National Secretary of IAESTE (International Association for the Exchange of Students for Technical Experience), Since 2009.
- Member of Core Planning Team and Social Sector Committee. Head, Strategic Development and Capital Investment Planning for Nablus Governorate Project, 2009-2010.

- Elected member, The College of Engineering Council, An-Najah National University, 2013-Present.

Publications:

- 1- "Developing of Construction Methods to Reduce the Cost of Housing Projects", The Proceedings of the Engineers Association Convention Housing, Aug. 1991.
- 2- "Structural Evaluation of Prestressed Concrete I-Beams With Holes in the Web", The proceedings of the Jordanian Conference on Civil Engineering, June 1992.
- 3- "Properties of Building Stones in Palestine", The Proceedings of the First Palestinian Conference on Civil Engineering, December 1993, (with Sami Barbarawi).
- 4- "The Effect of the Properties of Local Aggregate Materials on the Workability and Strength of Concrete", M.Sc. thesis by Yacoub Yaish under the supervision of Dr. Riyad Abdul-Karim, An-Najah National University, 1996.
- 5- "The Effect of Adding Zebar on the workability and Strength of Concrete", M.Sc thesis by Habeeb Imsieh under the supervision of Dr. Riyad Abdel-Karim, An-Najah National University, 1996.
- 6- "Finite Element Analysis of Cross-Vault Shells", M.Sc thesis by Shurat Arafat under the supervision of Dr. Riyad Abdel-Karim, An-Najah National University, 1998.
- 7- "The Effect of Adding Zebar on the Permeability and Durability of Concrete", M.Sc thesis by Narmin Al-Barq under the supervision of Dr. Riyad Abdel-Karim and Dr. Osama Abaza, An-Najah National University, 1998.
- 8- "Building Stones in Palestine", A book that has been published by the Deanship of Scientific Research, An-Najah National University, 2000.

- 9- "Using Precast Units in Dome Structures", An-Najah University Journal for Research- A, June, 2002.
- 10- "The Effect of The Stiffnesses of Beams on The Distribution of Load in a Single Two-way Ribbed Slab", Journal of The Islamic University in Gaza, 2006.
- 11- "Management of Olive-Mills Waste Water in Palestine", An-Najah National University Journal For Research-A, December, 2007.
- 12- "The Future of Engineering Education in Palestine", The Social and Behavioral Sciences Journal, Elsevier, Volume 102, Pages 482-489,2013.
- 13- "Decision Making in the Selection of the Exterior Walls Techniques in Affordable Housing Buildings in Palestine", International Journal of Construction Engineering and Management, Volume 3, Pages 43-46, 2014.

Reports and Professional Meetings Papers:

- "The Current Status of Engineering Education in Palestine", presnted in a seminar held at An-Najah University, May 2001, with Dr. Khaled Al-Sahli.
- "Critical Review of The Proposed Palestinian Law on Renting Residential and Commercial Properties", submitted to MAS(Palestine Economic Policy Research Institute), Dec. 2001.
- "The Development of Engineering Education in An-Najah National University", Presented in the Conference on An-Najah National University: History & Development, An-Najah National University, June 2003, with Dr. Sameer Abu-Eisheh.
- "Usage of Stone Cutting Waste in Producing Chemical Construction Products", submitted as a final report for PARC fellowship, July 2006, with Dr. Amer El-Hamouz.

- “Informal Construction Services in the Palestinian Territories: Current Status and Prospects”, submitted to MAS(Palestine Economic Policy Research Institute), 2006, with Dr. Basim Makhoul.
- “Assessment of the Practical Training Requirement in Engineering Education in Palestinian Universities” , Fifth International Forum on Engineering Education" , University of Sharjah, UAE, 2010.
- “The Future of Engineering Education in Palestine” , Sixth International Forum on Engineering Education" , University of Sharjah and The National University of Malaysia, Kuala Lumpur-Malaysia, 2012.
- “Decision Making in the Selection of the Exterior Walls Techniques in Affordable Housing Buildings in Palestine”, The International Conference on Civil Engineering (ICCE), Ramallah, Palestine, 2013.

Latest Professional Meetings :

- “ 2008 Academic Colloquia “ , AMIDEAST, Bethlehem, June 2008.
- “ Capacity Building in Environment-related Issues: Materials recovery and recycling “, TWAS, Sardinia-Italy, Dec. 1-12, 2008.
- “ 2009 Academic Colloquia “ , AMIDEAST, Nablus, July 2009.
- “ Structural Health Monitoring Workshop” , University of Jordan, Amman, Jordan, 2010.
- “ 5 th International Forum on Engineering Education” , University of Sharjah, UAE, 2010.
- “ 64 th International Conference of IAESTE” , Bangkok, Thailand, 2011.
- “ 65 th International Conference of IAESTE” , Skopje, Macedonia, 2012.
- “ 6 th International Forum on Engineering Education” , University of Sharjah and National University of Malaysia, Kuala Lumpur-Malaysia, 2012.

Awards :

Teaching Excellence Award In The Palestinian Universities, PFDP Program, AMIDEAST, 2009.

Joint Projects :

“ Self Evaluation and Strategic Planning For AL-Rwadah College and Haja Andaleeb College”, A Project Funded By The World Bank, 2009.

“ Establishment of Institutional Research Units” , A joint Project Between An-Najah, BirZeit, and Beitlehem Universities Funded By The World Bank, 2009-2010.

References:

- Prof. Amer El-Hamouz, Dean of the faculty of engineering, An-Najah University, Nablus - Palestine. E-Mail: elhamouz@najah.edu.
- Prof. Maher Natsheh, Acting President of An-Najah National University, An-Najah National University. E-Mail: natsheh@najah.edu.