

Dr. MUTASIM FUAD BABA

Building Engineering Department, An-Najah National University, Nablus, Palestine
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CURRENT POSITION

Head of Building Engineering Department, An- Najah National University, September 2008 – Present

EDUCATION

- B.S.** Electrical Engineering (with distinction) - University of Jordan
Amman - Jordan, June 1982
- M.S.** Architectural Engineering - "Environmental Systems & CAD Systems", Pennsylvania State University, State College, Pennsylvania - USA, Dec. 1984
- Ph.D.** Electrical Engineering, "Energy Management & Power Planning"
Virginia Tech, Blacksburg - Virginia - USA, August 1987

WORK EXPERIENCE

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| Oct. 87 - Oct. 89 | Assistant Professor of Architectural Engineering
Department of Architecture - An-Najah National University
Nablus, West Bank |
| Oct. 89 - Oct. 92 | Chairman - Department of Architecture
An-Najah National University - Nablus, West Bank |
| Sep. 93 – Sep. 2005 | Assistant Professor of Electrical Engineering
An-Najah National University - Nablus, West Bank |
| Sep 2005 – Feb 2007 | Chairman – Building Engineering Department
An-Najah National University - Nablus, West Bank |
| Mar 2007-Sep 2007 | Dean, Palestine Technical College – Kadoori |
| Sep 2007 – Sep 2008 | Acting President, Palestine Technical University –Kadoori –
Tulkarem – Palestine |
| Sep 2008 - Present | Chairman – Building Engineering Department
An-Najah National University - Nablus, West Bank |

Professional registrations

- Member of Engineers Association since 1982 . Registration Number 1776
- Member of the Higher Palestinian Council for Green Buildings since Mar 2011.

ADDITIONAL CAREER EXPERIENCE - PART TIME

Feb. 89 – Aug. 94	UNDP - Jerusalem (Consultant for Different Projects) Energy Sector Development Program
May 91 - Dec. 93	The Agricultural Cooperative Union - Nablus Technical Consultant - Sponsored by ANERA
June 98 – July 2002	Member of Board of Directors Energy Scientific Research Centre - Gaza
Feb. 93 - Jan. 95	Member of the Palestinian Technical Teams The Energy and Electricity Team and Training Team
Feb. 96 – Feb. 99	Energy Consultant, Palestinian Standards Institute Indoor Air quality consultant – Municipality of Nablus – City
May 2010 - present	commercial Centre Project

COMPUTER SKILLS

- Windows, Unix and MS Office
- Simulation Software (Ecotect, Energy Plus and Designbuilder)
- AutoCAD and other design tools.

Advanced Training Courses

"Power Systems Operations and Planning", Division of
Continuing Education, Virginia Tech, USA, August 2-24, 1991

AWARDS

- **The Hisham Hijjawi Award for Applied Sciences**, for the year 1993 , The Scientific Foundation of Hisham Adeeb Hijjawi - Amman - Jordan *(first Palestinian to win this award)*
 - **AMIDEAST full doctoral scholarship** award at Virginia Tech University, USA, PhD 1985-1987.
 - **AMIDEAST full M.Sc scholarship** award at Pennsylvania State University, USA, 1983-1985.
 - **Government of Jordan full B.Sc scholarship** award at University of Jordan, Amman – Jordan 1977-1982

COURSES TAUGHT:

More than 20 different courses in the departments of Electrical Engineering, Building Engineering and Architecture. These courses are in the areas: energy management,

renewable energy, power planning, digital systems, energy efficiency in buildings, lighting and acoustical systems, building core systems and computer applications.

BACHELOR COURSES:

- Total Quality Management
- Statistical Quality Control
- Reliability and Maintenance Engineering
- Operations Management
- Operations Research
- Decisions Analysis
- Numerical Analysis
- Quantitative Methods
- Production Planning and Inventory Management

MASTER LEVEL COURSES:

- Strategic Decision Making
- Engineering Project Management
- Procurement and Contracting Management
- Master Theses supervision for current four students.
- Internal Examiner for a number of Master theses in the Faculty of Graduate Studies.

PUBLICATIONS in 2012

- Mutasim Baba, “Smart Grid With ADSL Connection For Solving Peak Blackouts In West Bank”, proceedings of first International Conference on Renewable Energies and Vehicular Technology (REVET 2012), Hammamet, Tunisia, 26th to 28th March 2012.
- Mutasim Baba, Elias Deiq and AntonStevan, “An Ultra Energy Efficient Building In Palestine”, Proceeding of the 4th International Energy Conference, Jan 2012 – Ramallah – Palestine.

BOOK (Published Books)

- Mutasim F. Baba, "Energy in the Palestinian Industrial Sector", UNDP - Jerusalem , June 1994 (in Arabic)

REFERENCES

Available upon request
