

Dr. Ahmad Ramahi

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

Dean of Engineering Faculty at An-Najah National University since August 2012-present.
Managing all activities of the Eng. Faculty. Actually, the faculty has twelve bachelor programs, seven master programs, about 4000 students, and around 140 academic & administrative staff members.

EDUCATION

- **PhD. Mechanical Engineering** (ABET accredited), Eastern Mediterranean University
www.emu.edu.tr , N. Cyprus/ TURKEY, July 1997, CGPA: 3.95/4.00, 1994-1997.
(In theory of machines: 3D CAM Indexing Mechanisms).
- **MSc. Mechanical Engineering**, Eastern Mediterranean University, N. Cyprus/TURKEY, June 1994. MS degree includes course work and thesis. CGPA: 3.86/4.00, 1992-1994.
(In manufacturing Eng.: Adopting Group Technology approach in sand mold design).
- **BSc. Mechanical Engineering**, Eastern Mediterranean University, N. Cyprus/ TURKEY, June 1992.
Ranked first of the engineering faculty graduates. CGPA: 3.83/4.00, 1988-1992. (Graduation project: Design of HVAC system for a five stars hotel located in Nicosia/Cyprus).

WORK EXPERIENCE

Dean of Engineering faculty at An-Najah National University,
managing all activities of the Eng. Faculty. Actually, the Eng. Faculty at An-Najah has twelve bachelor Programs, seven master programs, about 4000 students, and around 140 academic & administrative staff members. **Aug.2012 – present.**

Chairman of two departments, Mechanical and Mechatronics Engineering Departments,
Associate Prof in the Mechanical and Mechatronics departments, An-Najah National University.
Aug.2010 – July 2012.

Chairman, Department of Industrial Engineering,
Associate Prof (since 2005) in the ME and IE departments, An-Najah National University. **Aug.99 – 2009.**

Chairman of two departments, Industrial Engineering and Mechanical Engineering Departments,
Assistant Prof. in the ME and IE departments, An-Najah National University. **Founder** of the ME Department at An-Najah Univ. **Aug.2002–2005.**

Director of Engineering Laboratories and Workshops, An-Najah National University, **Sept.98 – Aug.99.**

Asst. Prof., Department of Mechanical Engineering, Eastern Mediterranean University,
Teaching Courses in Engineering Mechanics, Materials Science, Engineering Drawing, and Theory of Machines. **Supervising** graduation projects in areas of Kinematics, and Materials Selection in Mechanical Design. **Supervisor** of Theory of Machines *Laboratory*. **Sept.97 – Aug.98.**

Teaching Assistant

Tutoring and Conducting Laboratories in areas of Eng. Drawing, Eng. Mechanics, Machine Elements Design, Dynamics of Machinery, Vibrations, Mechanisms, Manufacturing Technology, Material Science. (Each for several semesters). **Sept.92 – Aug.97.**

Certifications or professional registrations

Engineers Association, Jerusalem Center.

ADDITIONAL CAREER EXPERIENCE – (sample of)

- **Institutional Development Expert;** Prepared a manual to institutionalize the follow up of MoLG on the implementation of SDIPs by local government units. The manual was prepared for the benefit of MoLG, 2011, The assignment was supervised by GIZ.
- **Institutional Development Expert,** Prepared Policy Paper on internal monitoring and control of the work (financial and administrative) of Local Government Units. The paper was prepared for the benefit of MoLG, 2011, The assignment was supervised by CHF.
- **Institutional Development Expert,** Prepared Policy Paper on Community Participation in the work of Local Government Units. The paper was prepared for the benefit of MoLG, 2010, The assignment was supervised by CHF.
- **Senior Strategic Planning Expert,** Developed a Strategic Plan for the Internal Control Unit of Health Ministry, 2010, the strategy was developed using participatory approach, the assignment was supervised by the Flagship project.
- **Institutional Development Expert,** Designed the Structure and Inputs & Outputs of the Monitoring System for MoLG Strategic Plan, 2010, The assignment was supervised by CHF.
- **Institutional Development Expert,** Developed the action plans for all administrative units of MoLG, 2010, The assignment was supervised by CHF.
- **Senior Strategic Development Planning Expert,** Strategic Development Planning Project for Nablus Governorate, 2010; worked with An-Najah N. University. The project was mainly to come up with a 5-Year regional strategic development plan for Nablus Governorate using community participation approach.
- **Project Deputy Manager,** Preparing Regional Development Planning Manual (PPM) Project, 2010; the project was to prepare a Development Regional Planning manual for the benefit of MoLG. The project was implemented under the supervision of the MDLF.
- **Senior Strategic Planning Expert,** Local Government Sector Strategy 2009/2010, the strategy was developed for the benefit of Ministry of Local Government **MoLG** and supervised by CHF.
- **Senior Institutional Development Expert,** Developing MDLF's Technical Operations Manual project, 2010, prepared a comprehensive technical operations manual for the Municipal Development and Lending Fund. The manual is developed to guide MDLF staff on how to implement a Municipal Development new Program. The project was implemented through An-Najah N. University.

COURSES TAUGHT:

BACHELOR COURSES:

- Machine Design (2)
- Manufacturing Processes (2)
- Mechanics of Materials
- Theory of Machines
- Automation and Production Systems

PUBLICATIONS

REFEREED JOURNALS (sample of):

- 1- **A. Ramahi** and Y. Tokad, 'On the Fourth Order Finite Screw System: General Displacement of a Point in a Rigid Body', Acta Mechanica, 1998.
- 2- **A. Ramahi** and Y. Tokad, , 'On the Third Order Finite Screw System: General Displacement of a Line in a Rigid Body', Mechanisms and Machine Theory, 1998
- 3- **A. Ramahi** and Y. Tokad, 'On the Finite Screw Cylindroid Represented as a 2-System of Screws', Mechanica, 1998.
- 4- **A. Ramahi** and Y. Tokad, 'On the kinematics of three-link cam mechanisms', Meccanica, Volume 33, Number 4 (1998), 349-361.
- 5- **A. Ramahi**, 'Design of Gating and Riser Systems in Sand Casting' , An-Najah University Research Journal, 2003.
- 6- **N. Tibi** and **A. Ramahi**, 'Impact of Efficient Lighting on the Environment', International Journal of Clean Energy and Environment, 2005.

REFEREED CONFERENCES (sample of):

- 1- **A. Ramahi**, Tamer Haddad, "Design and Construction of a Pseudo Continuous Single Station Automated Cell" . Proceedings of the 2nd International Conference on Mechatronics, ICOM'2005, 10-12 May 2005, Kuala Lumpur, Malaysia.
- 2- **A. Ramahi**, Y. Saleh, 'Design and Fabrication of a Deep Drawing Machine: Experimental Investigation of Limiting Drawing Ratio', proceedings of 7th Jordanian International Mechanical Engineering Conference (JIMEC'7) 27 - 29 September 2010, Amman – Jordan.
- 3- **S. Abdellal**, **A. Ramahi**, "Shaping Qualification Profiles of Engineering Graduates Based on ABET and Employment Demand", proceedings of the International Conference on Interactive Mobile and Computer Aided Learning (IMCL), page 159, November 6-8, 2012, 978-1-4673-4923-9/12/\$31.00 ©2012 IEEE, Amman, Jordan.