

## CV

**Wajeeh F. Qassem**

**Professor, Civil Engineering Department, Hijjawi Faculty for Engineering Technology, Yarmouk University**

### EDUCATION

Degree	Discipline	Institution	Year
Ph.D.	Mechanical Engineering	Univ. of Toledo, USA	1987
M.S.	Engineering Mechanics	Michigan State Univ., USA	1983
B.S.	Physics	Univ. of Baghdad, Iraq	1972

### ACADEMIC EXPERIENCE

Sept. 06 – Sept. 07	<b>Dean</b> , Faculty of Engineering, Tafila Technical University, Tafila, Jordan
June 95 - Sept. 98	<b>Dean</b> , Hijjawi Faculty for Engineering Technology, YU, Irbid, Jordan
Oct. 94 - June 95	<b>Vice Dean</b> , Hijjawi Faculty for Engineering Technology, YU, Irbid, Jordan.
Sept. 06 - Sept. 07	<b>Professor</b> , Sabbatical Leave to Faculty of Engineering, Tafila Tech. Univ., Jordan
Oct. 98 - Still	<b>Professor</b> , Hijjawi Faculty for Engineering Technology, YU, Jordan.
May 94 - Oct. 98	<b>Associate Professor</b> , Hijjawi Faculty for Engineering Technology, YU, Jordan.
Sept.89-May 94	<b>Assistant Professor</b> , Hijjawi Faculty for Engineering Technology, YU, Jordan.

### NON-ACADEMIC EXPERIENCE

Sept. 011 – 014	<b>Member</b> of Faculty and Employee Health Insurance Committee, YU.
Sept. 06 - Sept. 07	<b>Member</b> of the University Council, Tafila Technical University,
Aug. 88 - June 89	<b>Engineering Site Manager</b> , Orbit Summit Health Ltd., King Khalid Hospital, KSA
Dec. 98 – Sept. 01	<b>Director</b> , Tech. Ind. College, Ministry of Soc. Affairs, Labour and Voc. Training, Oman.
June 95 - Sept. 98	<b>Member</b> of the University Council, YU.
Sept. 91 - Sept. 92	<b>Member</b> (Representative of Hijjawi Faculty for Eng. Tech.) of the Univ. Council, YU.

### CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Society of Deans of Engineering in the Arab Universities 1998.
- WHO'S WHO IN THE WORLD, 1997

### PROFESSIONAL SOCIETY MEMBERSHIP

- American Academy of Mechanics
- Society of Engineering Science
- Engineering & Scientific Research Groups

### HONORS AND AWARDS

June 83 – Dec., 88	<b>TA</b> , Department of Mech. Eng., The University of Toledo, Toledo, Ohio, USA
Sept. 75 - Aug.76	<b>Demonstrator</b> , Department of Physics, The University of Riyadh, KSA.

### SERVICE ACTIVITIES

- Chairman of Several Curriculum Development Committee, Hijjawi Faculty for Engineering Technology, YU.
  - a. Biomed. Eng. and Biomed. Informatics, 06

- b. Mechanical Engineering, 012
- c. Industrial Engineering, 013
- d. Civil Engineering, 013
- Member of Faculty Council, Hijjawi Faculty for Engineering Technology, YU., Sept. 012 - Sept. 014.
- Chairman of Several Faculty Promotion Committees, Hijjawi Faculty for Engineering Technology, YU.
- Member of Faculty Disciplinary Council, YU., Sept. 012 - Sept. 013.

#### **FUNDED RESEARCH GRANTS**

- Vibration Effects on the Human Body, Proj. No. 34/91, 13/92, 3/93, 46/93 and 34/94, The Deanship of Scientific Res. and Graduate Studies, YU, Proj. No. 17/4/10/417, The Deanship of Res., The Jordan U. of S & Tech.y, Project No. 100/12/M/7262 & The Jordan Pet. Ref. Co.
- The Human Body-its Protection from Injuries - Proj. No. 24/92, The Deanship of Sc> Res> & Grad Studies, YU
- Cytogenetic Analysis of Blood Lymphocytes from Occupationally Exposed to High-Voltage Electromagnetic Fields, No. 46/90, The Deanship of Scientific Research and Graduate Studies, YU.
- Unsymmetrical Bending Stress and Stress Factors in Circularly Curved I- Beams, No. 5373, The Deanship of Scientific Research and Graduate Studies, YU.
- Stress Distribution in Bones and Prosthetic Stems, No. 1683, The Deanship of Sc. Res. and Graduate Studies, YU

#### **SELECTED PUBLICATIONS**

- Khalil M. Ahmad M and Qassem, W., .Prevalence of Musculoskeletal Risk Factors among Truck Drivers at the Jordan Petroleum Ref. Co., Everant , Eng. and Tech. J., V.2, PP.310-317., 2017.
- Habboush, J., Qassem, W., Hussain, B., Alboon, S., Alsumady, M., Tawalbeh, S, and Habboush, S., Bio-resonance Device for Extraction and Application of Special Therapeutic Frequencies, Min. of Ind. and Trade, Jordan, Patent No. 3166, Official Magazine No.629, 2017.
- Qassem, W. and Jarrah, M., Heart Response due to Vertical Impulse, International J. of Biomed. Eng. and Tech.y, V.1, No.2, PP. 218-232, 2007.
- Qassem, W., Lumbar Spine Response due to Vertical Jumps on Shoes whose Stiffness and Damping are altered, Inter.l J. of Biomed. Eng. and Tech., V.1, No.2, PP. 144-157, 2007.
- Qassem, W., Impulse Response due to Jumping on Shoes of Various Stiffness and Damping, International Journal of Bio-medical Mat. and Engi.g, V. 13, PP. 167-189, 2003.
- Othman, M. O., Al-Nashash, H. and Qassem, W., Effect of Vibrations with Various Duration Exposure on the P-R Interval of ECG, Inter.l J.of Biomed.l Mat. and Eng.g, V. 11, PP. 233-240, 2001.

#### **PROFESSIONAL DEVELOPMENT ACTIVITIES**

- Member of the Oman Nat. Dip. Curriculum Dev. Committee, Min. of Soc. Affairs, Labour and Voc. Training, Oman, Jan. 99 - Sept. 99.
- Member of Students Health Insurance Committee, YU.2006=2006
- Member of the Outstanding Faculty Selection Committee for Hisham Adeeb Hijjawi Award, 2004.
- Member of Several M.Sc. Thesis Discussion Committees, YU, 2002 – 2005