

جامعة الزيتونة الأردنية

QF11/0110 - 3.0E

Curriculum Vitae Form

CURRICULUM VITAE

Rana Abdelrahman Alhorani

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1. <u>Education</u>

- Ph.D. (Civil Engineering/Structures) 2002, The University of Jordan, Amman, Jordan
- M.Sc. (Civil Engineering/Structures) 1994, The University of Jordan, Amman, Jordan
- B.Sc. (Civil Engineering/Structures) 1992, Jordan University of Science and Technology, Irbid, Jordan

2. Ph.D. Dissertation

• *Nonlinear Analysis of Infilled Frames Having Openings in the Infills*, The University of Jordan, Amman, Jordan.

3. <u>Employment</u>

Academic Positions

• Assistant Professor, Department of Civil and Infrastructure Engineering, Al-Zaytoonah University of Jordan, Amman, Jordan, March 08, 2015 – now

Al-Zaytoonah University of Jordan



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Administrative Positions

• Vice Dean, Faculty of Engineering and Technology, Al-Zaytoonah University of Jordan, Amman, Jordan – October, 2018 – now

4. <u>Research Interests</u>

- Finite Element Analytical Techniques
- Applications of Finite Element in Structural design
- Computational Solid Mechanics
- Earthquake Engineering and Structural Dynamics
- Wind Modeling
- Structural Maintenance and Retrofitting
- Construction Materials Modeling
- Soil-Structure Interaction

5. <u>Teaching Experience</u>

• Undergraduate Courses

- Construction materials
- Concrete technology
- Technical Writing
- Strength of Materials
- Engineering Mechanics
- Structural analysis I & II
- Reinforced Concrete I & II
- Graduation projects I & II

9. Membership of Committees

- National and International
 - Jordan Engineering Association (JEA)
- University
 - Member, ABET Self-Study Report Preparation Committee
 - Member, Quality Assurance Committee
 - Member, Department of Civil & Infrastructure Engineering Council
 - Member, Faculty of Engineering and Technology Council
 - Scientific Committee Member, The 8th International Conference on Engineering, Project, and Production Management (EPPM2017)