

CURRICULUM VITAE

....Dr. Ammar A. Mohammed....

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Research Gate Account link : [https://www.researchgate.net/profile/Ammar Alhayani](https://www.researchgate.net/profile/Ammar_Alhayani)
EDAS : ----

EDUCATION

- 2016** PhD of Civil and Structural Engineering,
Civil Engineering School, Technical University of Madrid, Spain
2006 Master of Civil and Structural Engineering,
Faculty of Engineering, University of Mosul, Iraq
2002 Bachelor of Civil and Structural Engineering.
Faculty of Engineering, University of Mosul, Iraq.

ACADEMIC EMPLOYMENT

- Mar. 2007- Mar. 2016** Assist. Lecturer in Building and Construction Engineering
Department, Engineering Technical College / Mosul, Northern
Technical University
Mar. 2016- Now Academic senior lecturer, Technical College/ Mosul, Northern
Technical University

HONORS AND AWARDS

PROFESSIONAL AFFILIATIONS AND SERVICES

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES AND INVITED BOOK CHAPTERS

A. A. Alhayani, J. Rodríguez, J. Merodio, Numerical analysis of neck and bulge propagation in anisotropic tubes subject to axial loading and internal pressure, *Finite Elements in Analysis and Design*, 90(2014)11–19.

A. A. Alhayani, J. A. Giraldo, J. Rodrriguez , J. Merodio, Computational modelling of bulging of inated cylindrical shells applicable to aneurysm formation and propagation in arterial wall tissue, *Finite Elements in Analysis and Design*, 73, (2013), 20-29.

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MANUSCRIPTS IN PREPARATION/SUBMITTED FOR REVIEW _____

CONFERENCE PRESENTATIONS _____

TALKS

A. A. Alhayani, J. Rodríguez, J. Merodio, Instabilities in Cylindrical Structures: Bulging Formation and Propagation, International Conference on Mechanics of Fibre - Reinforced Materials Nottingham 2-5 September, 2013.

Hasan ALBEGMPRLI, Muthanna AABBU, **Ammar Ahayani**, Evaluation and Rehabilitation of Bombed Damaged Reinforced Concrete Buildings, 13th International Congress on Advances in Civil Engineering, Turkey, 2018.

POSTERS

TEACHING EXPERIENCE _____

Undergraduate level:

- Programming
- Civil Construction works(2)
- Theory of Structures
- Analysis and design of reinforced concrete structures(2)
- Engineering Management and Economics

Graduate level:

- Analysis of Prestressed members (Practical).
- Numerical and Engineering Analysis.

TEACHING INTERESTS

Undergraduate level:

- Strength of materials
- Theory of Structures
- Structural Analysis
- Structural Stability
- Design of reinforced concrete structures

Graduate level:

- Theory of Structural Stability
- Plate Structures
- Analysis of Prestressed members