

## *Curriculum Vita*

**Name:** Ihab Assaf.

**Date of birth:** 06/01/1976.

**Nationality:** Palestinian.

**E-mail:** ihabassaf@yahoo.com

**Mobile:** 00970598232239.

**Tel:** 0097092901613.

### ***Education:***

- PhD, Structural Engineering, The University of Salford, UK 2007.
- MSc, Structure Engineering, The University of Salford, UK 2003, (Distinction).  
Modules studied: Finite Element Applications (ANSYS), Structural Mechanics, Bridge Engineering, Timber and Masonry Design, Steel Structures, Seismic Engineering and RC Structures.
- BSc Civil Engineering, Al-Najah National University, Palestine, 1999, (very good, 80.8%).
- Tawjeehi, Scientific branch, Azzoun Secondary school, Qalqelyah, Palestine, 1994, (91.9%).

### ***Work experiences:***

- Full time Lecturer (structural Engineering): Faculty of Engineering and Technology, Palestine Technical University, Tulkarm, Palestine, August 2010 until now. Courses Taught (in addition to the mentioned below): Engineering Drawing, Technical Writing, building construction, Strength of material lab and building material technology lab.
- Full time Lecturer (structural Engineering): Faculty of Engineering, Civil Engineering Department, An-najah National University, Nablus, Palestine, 2007-2010. Courses Taught: Statics, Strength of Material, Reinforced Concrete Design (1), Reinforced Concrete Design (2), Reinforced Concrete Design (3), Structural Analysis (1), Statistics and Possibilities for Engineer and Graduation Projects. Courses can be taught: Structural Analysis (2&3), Seismic Design, Finite Element Analysis (Advanced) and Steel Structures.
- Part time Lecturer (Structural Engineering): Faculty of Engineering, Civil Engineering Department, Birzeit University, Feb 2009- June 2009.
- Research in shear strengthening of reinforced concrete beams using an external fibre reinforced polymer (CFRP) composite of low elastic modulus (PhD thesis).

It is envisaged that the results will underpin proposals to supply CFRP to contribute toward shear reinforcement in situation where congestions of steel stirrups causes a problem. A number of wrapping schemes will be studied and their effectiveness in providing the appropriate level of shear reinforcement together with their ability to maintain a safe 'ductile' failure mode.

- Structural laboratory technician included tests preparation and conduction, University of Salford, 2003-2006.
- The Royal Scientific Society (university summer training), Jordan, 1999.
- Waheeb Madanat for Engineering Consultancy (university summer training), Jordan, 1999.

### ***Projects:***

- PhD Thesis: Shear Strengthening of Reinforced Concrete beams using an external Carbon Fibre Reinforced Polymer (CFRP) composite of low elastic modules.
- MSc dissertation: A case study of Secondary moment and Stress redistribution in the prestressed continuous concrete beams using Finite Element ANSYS.
- BA project: Water network analysis using EPANET programme.

### ***Languages:***

- English.
- Arabic.

### ***Skills***

- Computers skills.
- ANSYS software.
- AutoCAD software.
- MATHCAD software.

### ***Workshops:***

- Graduate Personal Development Programme, Final year research students. University of Salford, 2005.
- Finite Element Analyses (ANSYS) course, University of Salford, 2001.
- Design of earthquake resistance structures, Earth Sciences and Seismic engineering centre, An-najah National University, 1999.
- Computer skills: Windows, WinWord and Excel, Al-Zaytona Cultural Centre, 1997.