

 <p style="text-align: center;"> <b>Dr. Eng. Amjad Al Helwani</b>            Academic Staff and Lecturer            Damascus University- Higher Institute of            Earthquake Studies and Research         </p>	<b>Date\Place of Birth:</b> 29-01-1972 / Damascus - Syria
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	<b>Marital Status:</b> Married
<b>Education:</b> Ph.D. Seismic design of Structures (NIT. Japan 2008) MSc. Seismic design of Structures (NIT. Japan 2005) Bachelor: Civil Engineering (Damascus University 1995)	
<b>Software Skills:</b> Abaqus Etabs Sap2000 Autocad MS office	
<b>Programming Skills:</b> Python Excel's VBA Matlab	
<b>Research Interests:</b> Seismic Upgrading Studies Seismic Design of Highrise Buildings Parametric studies – Optimized design	
<b>Taught Subjects:</b> <b>Under Graduate Level:</b> <ol style="list-style-type: none"> <li>1. Structural Mechanics</li> <li>2. Strength of Materials</li> <li>3. Structural Analysis</li> <li>4. Computer Aided Design</li> <li>5. Steel Structures Design</li> </ol>	

6. Concrete Structures Design
<b>Graduate Level:</b>
1. Seismic Upgrading and Retrofit of Buildings
2. Elasticity, Plasticity and Continuum Mechanics
3. FEM and Numerical Modeling
Lecturer at: Damascus University, IUST, YPU, IPU, and JPU
<b>Work Experiences:</b>
Dynamic Properties extraction of buildings
Earthquake resistant design assessment
Dynamic Experimental and analysis study of the ministry of Higher Education Syria.
Seismic evaluation of elevated water tanks (Daraa)
Seismic Design and Addition of three steel stories for Omayya Hospital – Damascus
Design and analysis of several residential buildings in Damascus and Damascus suburbs.
Structural Design of Marina Hotel (Tartus)