

Curriculum Vitae

Yasmin Murad

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Education

- **DIC, Diploma Imperial College London**
- **PhD Structural Engineering**, Imperial College London, London, UK
- **MSc Structural Engineering**, University of Jordan, Amman, Jordan
- **BSc Civil Engineering**, University of Jordan, Amman, Jordan
- **High school**, Islamic Educational College, Amman, Jordan

Working experience

- **Assistant Professor** at Civil Engineering Department, University of Jordan, Amman, Jordan.
- **Graduate Teaching Assistant** at Civil Engineering Department for MSc classes, Imperial College London, London, UK.
- **Research** at Civil Engineering Department, Imperial College London, London, UK.
- **Lecturer** at Civil Engineering Department, University of Jordan, Amman, Jordan.
- **Structural Engineer** at the Ministry of Public Works and Housing, Amman, Jordan.
- **Structural Engineer** at Zamil steel Company, Amman, Jordan.

PhD thesis title

Analytical and Numerical Assessment of Seismically Vulnerable Corner Connections under Bidirectional loading in RC framed structures.

MSc thesis title

Steel fiber influence on the experimental behaviour of reinforced concrete columns and walls.

BSc graduation project title

Structural design of the Jordan Institution for Standards and Metrology.

Software

ADAPTIC
ABAQUS
ANSYS
FORTRAN
VISUAL BASIC
SAP2000
PROKON
ANSYS

Research interest

Finite Element Modelling
Structural Dynamics
FORTRAN Programming
Nonlinear analysis
Earthquake Engineering
Composite RC structures
Strengthening and Rehabilitation of RC elements
Concrete properties

Publications

Y. Murad, "An experimental study on flexural strengthening of RC beams using CFRP sheets", IACSIT Int. J. Eng. Technol., vol. 7, pp. 2075-2080, 2018.

Y. Murad, " The Influence of CFRP Orientation Angle on the Shear Strength of RC Beams", The Open Construction and Building Technology Journal., vol. 12, 2018.