

**Assistant Professor**  
**Dr. Ghada Gamal**

Department of Construction Engineering  
Faculty of Engineering, Egyptian Russian University  
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**1. Personal Information**

**First Name / Sure Name:** Ghada / Gamal

**Date of Birth:** 11/1/1987

**Nationality:** Egyptian

**E-mail:** ghada-gamal@eru.edu.eg  
civilghada@hotmail.com

**Gender:** Female

**2. Education**

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
PhD: Civil Engineering	Faculty of Engineering – Helwan University	Structural Engineering	2015	2018
<b>Thesis Title: Behavior of Columns Confined with FRP Fabrics under Cyclic Lateral Loads</b>				
MSc.: Civil Engineering	Faculty of Engineering – Helwan University	Structural Engineering	2010	2014
<b>Thesis Title: Nonlinear Analysis of Column Confined with FRP Fabric</b>				
BSc.: Civil Engineering	Faculty of Engineering – Helwan University	Civil Engineering	2004	2009

**3. Professional Experience**

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Assistant Professor	Egyptian Russian University	Lecturer	Feb 2019	Present
Assistant Lecturer	Egyptian Russian University	Lecturer	Dec 2014	Feb 2019
Teaching Assistant	Egyptian Russian University	Lecturer	Jan 2011	Dec 2014
Teaching Assistant	Thebes higher institute of engineering	Lecturer	Oct 2009	Dec 2010
Structural engineer	Engineering Consultant Office (Ecogim)	Designer	Jul 2009	Aug 2010

#### 4. Discipline

<b>General Discipline</b>	Civil Engineering	<b>Principle Subject</b>	Structural Engineering
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#### 5. Teaching Experience

Course Title	Course Code	University	Academic Years
AYSYS instructor for postgraduate students (Masters and PhD)	ANSYS Mechanical APDL	Freelancer	From 2014 to Present
Structural Analysis I	CE108	Thebes Higher Institute & Egyptian Russian University (ERU)	From 2010 to Present
Structural Analysis II	CE201	Thebes Higher Institute & Egyptian Russian University (ERU)	From 2010 to Present
Structural Analysis III	CE202	Egyptian Russian University (ERU)	From 2011 to Present
Structural Analysis IV	CE313	Egyptian Russian University (ERU)	From 2012 to Present
Mechanics of Material I	CE103	Egyptian Russian University (ERU)	From 2010 to Present
Mechanics of Material II	CE205	Egyptian Russian University (ERU)	From 2012 to Present
Computer-Aided Structural Design	CE401	Egyptian Russian University (ERU)	From 2012 to Present

#### 6. Professional & Technical Skills

##### i. My Experience and Previous work on ANSYS APDL:

- a) Shallow and deep beams
- b) Columns under concentric and eccentric Loads
- c) Columns with s-shape
- d) One-way and two-way slabs
- e) Shear walls
- f) Bridges
- g) Shear connectors
- h) Steel pipes
- i) Static and cyclic Loading.
- j) Earthquakes
- k) Temperature
- l) Strengthen with fiber sheets (with and without defining bond)
- m) Prestressing

## ii. My Experience in Design Work:

- Design of Multi-storey building (Stella Al-Baron) in Al-Sawra st.– Masr Al Jadida.
- Design of Villa in al Shorouk city (District of Al Shorouk 2000).
- Design of Restaurant building at the Egyptian satellite company NILESAT.
- Design of Typical floor of multi-storey building in new al fostat city.
- Revision project of museum.
- Revision Project of the National Project Housing (the third model).

## 7. Personal Skills

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Computer Skills	Self-Assessment		
	Excellent	Good	Fair
Ansys Mechanical APDL	✓		
Ansys Workbench	✓		
AutoCAD	✓		
SAP 2000	✓		
Robot Structural Analysis	✓		
ICDL	✓		
Photoshop		✓	
Language Skills	Self-Assessment		
	Excellent	Good	Fair
English	✓		
French		✓	
Other Skills			
Architectural Finishing			
Interior Design			

## 8. Scientific Activities

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### a. Publication:

- 1- Ghada et al, 2015, “Nonlinear Analysis of Columns Confined with FRP Fabrics” – ICASGE’15.
- 2- Ghada et al, 2019, “Behavior of Columns Confined with FRP Fabrics under Repeated Lateral Loads” – Journal of Engineering Research and Reports.
- 3- Ghada et al, 2019, “Axial Strength Reduction of Confined Concrete Elements due to the Loss of the Adhesive Bond” – Journal of Engineering Sector of Engineering Colleges – Al Azhar University.
- 4- Ghada et al, 2019, “Behavior of RC Beams with Openings Strengthened with CFRP Laminates” 46<sup>th</sup> Annual International Conference AEAS.
- 5- Ghada G. Ahmed, 2020, "Effect of Using Different Installation Positions for Stirrups in Enhancing the Shear Capacity of RC Beams", 4th GeoMEast International Congress and Exhibition, Cairo, Egypt.

**b. Supervision:**

Degree	Thesis Title	Researcher Name	Start Date	Approval Date

**c. Conferences:**

Conferences	Professional Conference Organizer	Keynote Speaker	Presenter	Attendee	Organizer
International Conference on Advances in Structural and Geotechnical Engineering	Tanta University		√		
46th Annual International Conference for the Association of Egyptian-American Scholars	Ministry of Military Production		√		
4th GeoMEast International Congress and Exhibition, Cairo, Egypt.	Springer		√		

**9. Trainings & Workshops**

1. At Engineering Consultant Office - Dr. Mohamed Abo-Zeid (Professor of Reinforced Concrete Structures at Helwan University) – Summer 2008.
2. At the Arab Contractors Company – Summer 2006-2007-2008.

**10. Social Activities****11. Membership of Professional Associations****12. Awards**

*I certify that the information provided in this curriculum vitae is accurate.*

Name	Signature	Date
Ghada Gamal Salem		25-10-2020