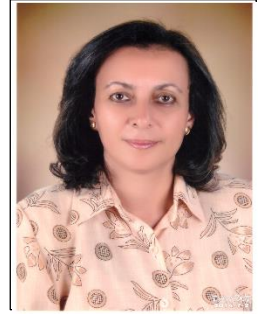


Curriculum Vitae (CV)

Manal Kamal Zaki



Personal Information:

Academic Rank: Assistant Professor

Department: Civil Engineering

Specialization: Structural Engineering

Position: Assistant Professor

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Structural Engineering	CAIRO UNIVERSITY	2001
M.Sc.	Structural Engineering	CAIRO UNIVERSITY	1993
B.Sc.	Structural Engineering	CAIRO UNIVERSITY	1987

Academic Experience:

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 6th OF October, EGYPT

Rank: Lecturer (from 2014 till Now)

Institution: CAIRO UNIVERSITY

Rank: Research Assistant (PhD student) (from 1997 till 2001)

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 6th OF October, EGYPT

Rank: Mandated as Lecturer (from 2001 till 2014)

Research interests:

- Concrete members strengthened with FRP
- Flexible Bridges

Publications:

- Paper Title Analysis of Composite Columns Under Biaxial Bending
Journal Journal of Engineering and applied Science,
Faculty of Engineering, Cairo University
Issued in Vol. 5, No. 50, Oct. 2003
- Paper Title Finite Element Analysis of FRP Encased Beam Columns,
Journal Journal of Faculty of Engineering,
Faculty of Engineering, Ain Shams University
Issued in Vol. 57, No. 2, Dec., 2007.

- Title Behavior of FRP Strapped Beam-Columns
Journal Journal of Engineering and applied Science,
Faculty of Engineering, Cairo University
Issued in Vol. 57, No. 1, Feb., 2010.
- Paper Title Performance of RC Beams Strengthened with FRP
Journal Journal of Engineering and applied Science,
Faculty of Engineering, Cairo University
Issued in Vol. 57, No. 2, April, 2010.
- Paper Title Design of Slender Circular Composite Beam-Columns,
Journal Journal of Faculty of Engineering,
Faculty of Engineering, Ain Shams University
Issued in 2011.
- Paper Title Investigation of FRP Strengthened Circular Columns Under Biaxial
Bending
Journal Engineering Structures
Issued in Vol. 33, No. 5, May., 2011.pp. 1666-1679
- Paper Title Optimal performance of FRP Strengthened concrete Columns Under
combined axial-flexural loading
Journal Engineering Structures
Issued in Vol. 46, No., Jan., 2013.pp. 14-27.
- Book Chapter 7. The link below.
<http://www.intechopen.com/books/fiber-reinforced-polymers-the-technology-applied-for-concrete-repair/analysis-of-nonlinear-composite-members-including-bond-slip>
Journal InTech, edited by Martin Alberto.
Issued in ISBN 978-953-51-0938-9, Jan. 23, 2013.
- Paper Title Optimization of the cross-section of generic flexible bridges
Journal Journal of Engineering Research-Tanta University
Issued in Vol. 8: Iss 6, Article 28.

Teaching Experience:

Teaching in Higher Technological Institute since 2001

Courses taught

- Structural Analysis and Mechanics for Civil Department
- Analysis of statically determinate and indeterminate structures
- Stiffness method
- Civil Engineering Drawing (Steel and Bridges)
- Programming for Civil Department