

1- Personal Details

Name : Ahmed Mohamed Sayed
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2- Area of specialization:

Major	Steel Structure
Minor	Structure Engineering

3- Education & Qualifications

Date	Degree	University name	Country	Title of the Dissertation
2006	Bachelor	Assiut University	Egypt	Civil engineering (design of special structures)
2011	Master	Assiut University	Egypt	Static Behaviour of Reinforced High Strength Concrete Haunched Beams Strengthened by Using Epoxy Bonded External Steel Plates
2014	Ph.D.	Southeast University	China	Modeling Advancement for RC Beams Strengthened with FRP Composites

4- Professional Activities:

Job Title	Place	Country	From	To
Assistant Professor	Faculty of Engineering – Majmaah University	Saudi Arabia	2017	till now
Assistant Professor	Faculty of Engineering, Assiut Univ., Egypt	Egypt	2014	2017
PhD Student & Researcher	Faculty of Engineering, Southeast Univ., China	China	2011	2014
Assistant lecturer	Faculty of Engineering, Assiut Univ., Egypt	Egypt	2010	2011
Demonstrator	Faculty of Engineering, Assiut Univ., Egypt	Egypt	2007	2010

5- Teaching Experiences

#	Teaching Experiences	University	From	To
1	Demonstrator	Faculty of Engineering, Assiut Univ., Egypt	2007	2010
2	Assistant lecturer	Faculty of Engineering, Assiut Univ., Egypt	2010	2011
3	Assistant Professor	Faculty of Engineering, Assiut Univ., Egypt	2014	2017
4	Assistant Professor	Faculty of Engineering – Majmaah University	2017	till now

6- Areas of Specialization

#	Areas of Specialization
1	Design and strengthening of steel structures
2	Designing and strengthening reinforced concrete structures

7- Current membership in professional organizations

#	Membership	ID
1	Member of the Egyptian Engineers Syndicate	32/01646

8- Publications (most important publications in the last 5 Years)

#	Publications / Presentations	Journal	Publishing Year
1	Numerical Analysis of Single-Angle Steel Member Under Tension Force with Different End Deformations	Civil Engineering Journal-Tehran	2020
2	Tensile Capacity of Steel Plate Connections with Different Bolt Distribution due to Tensile Load	Journal of Engineering Science & Technology	2020
3	Experimental Behavior of Cracked Reinforced Concrete Columns Strengthened with Reinforced Concrete Jacketing	Materials	2020
4	Numerical Analysis of Single-Angle Steel Member Under Tension Load with Damage in the Unconnected Leg	Structures	2020
5	Experimental Study of Large-Scale RC Beams Shear-Strengthened with Basalt FRP Sheets	Civil Engineering Journal-Tehran	2020
6	Numerical Analysis of the Perforated Steel Sheets under Uni-Axial Tensile Force	Metals	2019
7	Numerical Study Using FE Simulation on Rectangular RC Beams with Vertical Circular Web Openings in the Shear Zones	Engineering Structures	2019
8	Modeling of Bond Strength of FRP-Concrete Interface on the basis of a Comprehensive Experimental Database	Journal of Engineering Science & Technology	2019
9	Modeling of the Axial Load Capacity of RC Columns Strengthened with Steel Jacketing under Preloading Based on FE Simulation	Modelling and Simulation in Engineering	2019
10	Modeling of Shear Capacity of RC Beams Strengthened with FRP Sheets Based on FE Simulation	Journal of Composites for Construction	2015
11	Finite Element Modeling of the Shear Capacity of RC Beams Strengthened with FRP Sheets by Considering Different Failure Modes	Construction and Building Materials	2014
12	Modeling of the Flexural Fatigue Capacity of RC Beams Strengthened with FRP Sheets Based on Finite-Element Simulation	Journal of Structural Engineering	2014

9- MAJOR RESEARCH PROJECTS

#	Research Project	Status (Now/Finished)	Funded by
1	Modeling of the Axial Load Capacity of RC Columns Strengthened with Steel Jacketing under Preloading Based on FE Simulation (Project No. 1440-48)	Finished	Majmaah University
2	Experimental study of large-scale RC beams shear-strengthened with basalt FRP sheets (Project No. 1439-46)	Finished	Majmaah University