

AHMED ELANSARY, M.Sc., Ph.D., P.Eng.

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Giza, Egypt

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HIGHLIGHTS

- Comprehensive experience in the teaching environment at Civil and Environmental Engineering Dept., Western University, Canada and Structural Engineering Dept., Cairo University, Egypt through successful involvement in various engineering courses.
- Recipient of Ontario Trillium Scholarship (OTS), nominated for Graduate Student Teaching Award and different prestigious awards.
- Involvement and volunteering in several events at Civil and Environmental Engineering Dept., Western University, Canada.
- Almost fifteen years hands on experience in domain of reinforced concrete design and construction.
- Attended various advanced design courses including: dynamics of foundations, finite element analysis, prestressed concrete design and lateral loads analysis for high-rise buildings.
- Proven record of working effectively under pressure with minimal supervision, showing initiative and critical judgment, excellent organizational skills and ability of multitasking.
- Strong technical writing and excellent oral communication and coordination skills.
- Involved in preparing and revising funding research proposals.

EDUCATION

Doctor of Philosophy

2011-2016

Ontario Trillium Graduate Scholar
Western University, London, ON, Canada
Dept. of Civil & Environmental Engineering

Thesis: *“Behaviour of Reinforced Concrete and Composite Conical Tanks under Hydrostatic and Seismic Loadings”*

Teaching Support Center Workshops & Teaching Conferences

2011-2016

Western University, London, ON, Canada

- Attended Winter Conference on Teaching for Graduate Students** **2014**
- Western Certificate in University Teaching and Learning** **2013**
Western University, London, ON, Canada
Attended the “Future Professor Workshop Series” as follows:
- Professionalism: Networking with Success in Academia **2014**
 - Inclusive Classrooms: Creating Safe Spaces for LGBTQ Students **2014**
 - At the Heart of it All: Developing Effective Learning Outcomes **2014**
 - "Netiquette" Communicating with Your Students **2013**
 - Blogging as a Teaching Tool **2013**
 - Building Your Portfolio for a Career in Academia **2013**
 - Academic Job Interviews **2013**
- Successfully completed a graduate course on teaching **2013**
GS 9500 - Theory and Practice of University Teaching
- Successfully completed the following programs:
- Teaching Mentor Program **2013**
 - Teaching Assistant Training Program (TATP) **2013**
 - Language of Academic Job Interviews **2012**
 - The Language of Difficult Conversations **2012**
 - The Language of Advanced Discussions **2012**
 - Communication in the Canadian Classroom **2012**
 - Teaching in the Canadian Classroom **2012**
- Master of Science** **2008-2010**
Cairo University, Giza, Egypt
Dept. of Structural Engineering
Thesis: “*Comparison between Force Based Design and Direct Displacement Based Design for Reinforced Concrete Frame or Walled Structures*”
- Bachelor of Civil Engineering** **2003-2008**
Cairo University, Giza, Egypt
Dept. of Civil Engineering
Graduation project: “*Analysis and Design of a Reinforced Concrete 12-Storeys Building (400 m²), a Two-Floor Hall (1800 m²) and a Swimming Pool (7m Depth)*”
- General Secondary Education** **2000-2003**
Amoun private School, Cairo, Egypt
Dept. of Mathematics
Grade: 99%

WORK EXPERIENCE

Research Associate Western University, London, ON, Canada Dept. of Civil & Environmental Engineering	2022-Current
Associate Professor Cairo University, Giza, Egypt Dept. of Structural Engineering	2021-Current
Assistant Professor Cairo University, Giza, Egypt Dept. of Structural Engineering	2016-2021
Program Vice Coordinator Cairo University, Giza, Egypt Structural Engineering Program (Credit Hours System)	2018-Current
Senior Structural Engineer Center of Design and Engineering Consulting (CDEC), Giza, Egypt	2018-Current
Assistant Professor (Limited Duties) Western University, London, ON, Canada Dept. of Civil & Environmental Engineering	2018, 2021
Postdoctoral Associate Western University, London, ON, Canada Dept. of Civil & Environmental Engineering	2017-2018
Postdoctoral Fellow Western University, London, ON, Canada Dept. of Civil & Environmental Engineering	2016-2017
Teaching Assistant and PhD Candidate Western University, London, ON, Canada Dept. of Civil & Environmental Engineering	2011-2016
Teaching and Research Assistant Cairo University, Giza, Egypt Dept. of Structural Engineering	2008-2011
Structural Engineer Zaghw Associates, Cairo, Egypt	2008-2011

SCHOLARSHIPS AND AWARDS

Nominated for Graduate Student Teaching Award	2017-2018
Western University, London, ON, Canada	
This award is granted every year to recognize outstanding course instructors / graduate student TAs. Award recipients are selected by the Graduate Student TA Committee based on the results of standard evaluations and written comments provided by students.	
Ontario Trillium Graduate Scholarship (\$ 160,000 / 48 months)	2011 -2015
Western University, London, ON, Canada	
This scholarship is given for seven recipients per year at Western University. Each year, these highly prestigious scholarships are offered to doctoral students who have demonstrated high research potential and academic excellence, as well as strong interpersonal and communication skills achievement in graduate studies.	
Winner of the Graduate Student Civil Seminar Presentation Competition (3rd place)	2013 - 2014
Dept. of Civil and Environmental Engineering Western University London, ON, Canada	
The Government Award of Excellence in Undergraduate Studies	2003-2008
Dept. of Civil Engineering Cairo University Giza, Egypt	
Certificates of Honors for Excellent Student	2003-2008
Dept. of Civil Engineering Cairo University Giza, Egypt	
Certificates of Honors in High School	2001-2003
Amoun Private School, Cairo, Egypt Cairo, Egypt	

TEACHING EXPERIENCE

Assistant/Associate Professor	2018-current
Dept. of Civil Engineering, Cairo University, Giza, Egypt	
<ul style="list-style-type: none">• Lectured for 50+ civil engineering undergraduate and graduate students• Updated lecture notes to address recent developments in the field of Civil Engineering• Developed assignments, exams, and model answers to measure the students' understanding of the course materials• Supervised teaching assistants to ensure fulfilling their academic duties.	

- Get students feedback on teaching and provided course materials

Courses:

STR 522	- Design of Precast Concrete Structures	- Graduate
GEN 600	- Technical Writing for Scientific Publication	- Graduate
STR 204	- Reinforced Concrete I	- Undergraduate
STR 302a	- Reinforced Concrete II	- Undergraduate
STR 302b	- Reinforced Concrete II	- Undergraduate
STR 401	- Reinforced Concrete III	- Undergraduate
CVE 480	- Graduation Project	- Undergraduate
STRN 441	- Reinforced Concrete III	- Undergraduate
GENN 001	- History of Science and Engineering	- Undergraduate
STEN 280	- Engineering Seminar	- Undergraduate
STEN 480	- Graduation Project I	- Undergraduate
STEN 481	- Graduation Project II	- Undergraduate

Assistant Professor (Limited Duties)

2018, 2021

Dept. of Civil and Environmental Engineering, Western University, London, ON, Canada

- Lectured for 30+ civil engineering graduate students
- Prepared and revised lecture notes to ensure addressing the course outline and learning objectives
- Prepared assignments, exams, and model answers to measure the students' understanding of the course materials
- Graded assignments according to predefined detailed marking schemes to guarantee the best evaluation criteria is followed
- Held weekly office hours with students to help them to understand any unclarified points from the lectures.
- Get students feedback on teaching and provided course materials

Courses:

CEE 9549	- Advanced Design and Behaviour of Concrete Structures	- Graduate
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Teaching Assistant

2011-2016

Dept. of Civil and Environmental Engineering, Western University, London, ON, Canada

- Lectured for 30+ civil engineering graduate students
- Facilitated tutorials for 50+ civil engineering undergraduate students and presented course materials using interesting formats to engage students
- Prepared assignments, exams, and model answers to test understanding of course materials
- Graded assignments and quizzes according to predefined detailed marking schemes to guarantee the best level of fairness
- Held weekly office hours and individual meetings with students to clearly identify and resolve the points of weakness of each student
- Proctored during quizzes and exams to ensure academic integrity

- Provided advice and guidance regarding graduation projects for students to prepare them for career practices after graduation

Courses:

CEE 9550 – Seismic Analysis and Design of Buildings	- Graduate
CEE 9718 – Finite Element Analysis for Solids I	- Graduate
CEE 3384b – Finite Element Methods in Engineering	- Undergraduate
CEE 3340a – Structural Theory III	- Undergraduate
CEE 3341b – Structural Theory IV	- Undergraduate
CEE 3343b – FE and Analysis of Buildings under Lateral Loads	- Undergraduate
ES 1022y – Engineering Statics	- Undergraduate

Lecturer and Teaching Assistant

2008-2011

Dept. of Civil Engineering, Cairo University, Giza, Egypt

- Facilitated tutorials for 40+ civil engineering undergraduate students; presented course materials using stimulating formats to engage students
- Prepared assignments, exams, and model answers to assess students' comprehension
- Evaluated assignments and quizzes using established marking procedures to guarantee the best level of fairness
- Met with students individually to offer support and guidance during daily office hours
- Guaranteed academic integrity while proctoring during quizzes and exams
- Equipped students with necessary practical skills following graduation by providing guidance on their graduation projects

Courses:

STR 101 – Structural Analysis I	- Undergraduate
STR 204 – Reinforced Concrete I	- Undergraduate
STR 302a – Reinforced Concrete II	- Undergraduate
STR 302b – Reinforced Concrete II	- Undergraduate
STR 401 – Reinforced Concrete III	- Undergraduate
STR 443 – Special Reinforced Concrete Structures II	- Undergraduate
CVE 480 – Graduation Project	- Undergraduate

Teaching Assistant

2008-2011

Dept. of Civil Engineering (Credit hours system), Cairo University, Giza, Egypt

- Facilitated tutorials for 60+ civil engineering undergraduate students; presented course materials using engaging formats
- Held weekly office hours to meet with students individually to offer support and advice
- Developed assignments, exams, and model answers to measure understanding of course materials
- Graded assignments and quizzes according to predefined detailed marking schemes to guarantee the best level of fairness
- Proctored during quizzes and exams to maintain integrity in examination process

Courses:

STRN 201 – Reinforced Concrete Design I	- Undergraduate
STRN 303 – Reinforced Concrete Design II	- Undergraduate
STRN 341 – Masonry Structures	- Undergraduate

(For more details on teaching, please refer to the attached teaching dossier)

POSTDOCTORAL EXPERIENCE

Research Associate

2020-current

Dept. of Civil and Environmental Engineering, Western University, London, ON, Canada

- Developed a user-friendly engineering software for analysis and design of wind turbines under various loadings
- Developed a user-friendly engineering software for analysis and design of multi-storey wood buildings

Postdoctoral Associate

2017-2019

Dept. of Civil and Environmental Engineering, Western University, London, ON, Canada

- Assisted in preparing technical proposals and application for several research funding
- Developed a user-friendly engineering software for analysis and design of transmission line structures under high intensity wind loadings
- Provided guidance and advice for graduate students to assist them in their research projects
- Coordinated developing different research posters for a workshop with 10+ graduate students
- Reviewed and assessed research papers for different conferences to ensure their adequacy of being published in the conferences
- Developed presentations in different research areas
- Arranged interviews with prospective graduate students and provided advice for hiring highly qualified personal
- Attended different meetings with industrial partners and presented updated research progress

Postdoctoral Fellow

2016-2017

Dept. of Civil and Environmental Engineering, Western University, London, ON, Canada

- Assisted in reviewing and editing technical proposals to apply for funding for several research areas
- Developed a user-friendly engineering software for analysis and optimization of a retrofit system of wood houses under code-specified wind loadings
- Conducted an intensive parametric study and optimization of an innovative retrofit system under wind loading

- Utilized efficiently the Shared Hierarchical Academic Research Computing Network (SharcNet) to conduct different parametric studies
- Developed a website showing an innovative technique for a retrofit system of wood houses under wind loading
- Prepared research presentations for a wide range of research topics

PRESENTATIONS

Elansary A., “*Analysis of High-Rise Reinforced Concrete Buildings Considering Construction Sequence*” **2021**

Presentation to Associate Professor Promotion Committee - Supreme Council of Universities - Held at the Faculty of Engineering, Ain Shams University, Cairo, Egypt.

Elansary A., “*Applications on Structural Engineering - Software Engineering Interaction*” **2020, 2021**

Presentation at the Faculty of Engineering, Cairo University, Giza, Egypt.

Elansary A., El Damatty A., and others “*HIW software for Analysis of Transmission Line Systems under Downbursts and Tornadoes*” **2018, 2019**

Presentation at the headquarter of Hydro One Company, Toronto, ON, Canada.

Elansary A., El Damatty A., and others “*Mitigation of Natural Hazards on Transmission Line Systems due to Downbursts and Tornadoes*” **2018**

Poster presented at a workshop entitled “Modelling of the Effects of Natural Hazards on the Built-Environment”, Western University, London, ON, Canada.

Elansary A., El Damatty A., and others “*Retrofitting of Light-Frame Wood houses subjected to wind loading*” **2018**

Poster presented at a workshop entitled “Modelling of the Effects of Natural Hazards on the Built-Environment”, Western University, London, ON, Canada.

Elansary A., “*Behaviour of Reinforced Concrete and Composite Conical Tanks under Hydrostatic and Seismic Loadings*”, **2016**

A public lecture as a partial fulfillment of the requirements for Doctor of Philosophy degree, Dept. Civil and Environmental Engineering, Faculty of Engineering, Western University, ON, Canada.

Elansary A., El Damatty A. “*Seismic Analysis for Composite Conical Tanks*”, **2015**

Presentation at the Canadian Conference of Applied Mechanics (CANCAM), London, ON, Canada.

Elansary A., El Damatty A. “*Behavior of Composite Steel-Concrete Elevated Conical Tanks under Hydrostatic Water Pressure*”, **2014**

Presentation at the Engineering Mechanics Institute Conference (EMI), Hamilton, ON, Canada.

- Elansary A.**, El Damatty A. “*Behavior of Composite Steel-Concrete Elevated Conical Tanks under Hydrostatic Water Pressure*”, 2014
Poster presented at the Engineering Mechanics Institute Conference (EMI), Hamilton, ON, Canada.
- Elansary A.**, “*Behavior of Elevated Liquid-Filled Concrete Conical Tanks*”, 2013
Presentation at the Civil Seminar Series, Dept. of Civil and Environmental Engineering, Western University, London, ON, Canada.
- Elansary A.**, El Damatty A, “*Behavior of Elevated Liquid-Filled Concrete Conical Tanks*”, Presentation at the Canadian Society of Civil Engineering, CSCE, Montreal, QC, Canada. 2013
- Elansary A.**, “*Comparison between Force Based Design and Direct Displacement Based Design for Reinforced Concrete Frame or Walled Structures*”, 2010
A public lecture as a partial fulfillment of the requirements for Master of Science degree, Dept. of Structural Engineering, Faculty of Engineering, Cairo University, Giza, Egypt.
- Elansary A.**, “*Analysis and design of a 12-Storeys reinforced concrete high rise building (400 m²), a two-floor hall (1800 m²) and a swimming pool (7m depth)*”, 2008
A presentation as a partial fulfillment of the requirements for Bachelor of Engineering Science degree, Dept. of Civil Engineering, Faculty of Engineering, Cairo University, Giza, Egypt.

PUBLICATIONS

Elansary, A. A., Farag A., Abdeen M., Zawam M., El-Shabrawy M., “Estimation of corrosion free reinforcement as replacement to steel rebars for concrete walls.” *Journal of The Institution of Engineers (India)*, 2022 (Accepted).

Mater, Y. M., **Elansary, A. A.**, Abdalla, H. A. “Flexural behavior of recycled aggregate concrete beams strengthened with carbon fiber reinforced polymer.” *Advances in Structural Engineering*, 13694332221113039, 2022.

Elansary, A.A., Aty, A.A., Abdalla, H.A., and Zawam, M.. “Shear behavior of reinforced concrete beams with web opening near supports.” *Structures* (37), 1033-1041, 2022.

Elansary, A. A., Mabrouk, A., Zawam, M., and El-Attar, A. “Staged-Construction Analysis of High-Rise Buildings with Post-tension Slabs.” *Arabian Journal for Science and Engineering*, 1-22, 2022.

Elansary, A.A., Elnazlawy, Y.Y, and Abdalla, H.A, “Shear behaviour of concrete wide beams with spiral lateral reinforcement.” *Australian Journal of Civil Engineering*, 1-21, 2021.

Elansary, A.A., Metwally, M.I, and El-Attar, A.G, “Staged construction analysis of reinforced concrete buildings with different lateral load resisting systems.” *Engineering Structures*, 242 112535, 2021.

Seleemah, M.A, **Elansary, A.A.**, and Elkhoreby, S., “Simplified analysis of pure conical water vessels under hydrostatic loading.” *Journal of Engineering Research*, 2021.

Elansary, A.A., Ashmawy, M.M, and Abdalla, H.A, “Effect of recycled coarse aggregate on physical and mechanical properties of concrete.” *Advances in Structural Engineering*, 24(3), 583-595, 2021.

Metwally, M., **Elansary, A.A.**, and El-Attar, A.G., “Optimum location of outriggers in reinforced concrete buildings with tube in tube system using staged- construction analysis”, *International Journal of Advanced Research In Engineering & Technology*, 11(8), 335 – 347, 2020.

Youssef, M., Meshaly, M., **Elansary, A.A.**, “Ductile corrosion-free self-centering concrete elements”, *Engineering Structures*, 184, 52-60, 2019

Elansary, A.A., Nassef, A.O. and El Damatty, A.A., “Optimum design of composite conical tanks under hydrostatic pressure”, *Advances in Structural Engineering*, 21(13), 2030-2044, 2018.

Elansary, A.A. and El Damatty, A.A., “Seismic Analysis of Liquid Storage Composite Conical Tanks”, *Engineering Structures*, 159, 128-140, 2018.

Youssef, M., Meshaly, M., **Elansary, A.A.**, “Ductile Corrosion-Free GFRP-Stainless Steel Reinforced Concrete Elements”, *Composite Structures*, 182, 124-131, 2017.

Elansary, A.A. and El Damatty, A.A., "Behaviour of Composite Conical Tanks under Hydrostatic Pressure", *Engineering Structures*, 134, 172–189, 2017.

Elansary, A.A., El Damatty, A.A. and El Ansary, A. “Assessment of Equivalent Cylinder Method and Development of Charts for Analysis of Concrete Conical Tanks”, *Engineering Structures*, 126, 27–39, 2016.

Elansary, A.A., El Damatty, A.A. and El Ansary, A.M., “Nonlinear Behaviour of Reinforced Concrete Conical Tanks under Hydrostatic Pressure”, *Canadian Journal of Civil Engineering*, 43(2): 85-98, 2016.

Elansary A.A. and El Damatty A.A., “*Seismic Analysis for Composite Conical Tanks*”. Canadian Conference of Applied Mechanics (CANCAM), London, ON, Canada, 2015.

Elansary A. and El Damatty A. “*Behavior of Composite Steel-Concrete Elevated Conical Tanks under Hydrostatic Water Pressure*”, Engineering Mechanics Institute Conference (EMI), Hamilton, ON, Canada, 2014.

Elansary A.A. and El Damatty A.A., “*Behavior of Elevated Liquid-Filled Concrete Conical Tanks*”. Canadian Society of Civil Engineering, CSCE Montreal, QC, Canada, 2013.

El-attar, A., Zaghw, A. and **Elansary, A.A.**, “*Comparison between Force Based and Direct Displacement Based Design for R.C Frame Structures*”, Journal of Engineering and Applied Science, 59 (1), 1-21, 2012.

SUPERVISION OF UNDERGRADUATE STUDENTS

Date	Name	Project
2018	Abanoub Aziz	Design of Multi-storey RC building
2019	Ahmed Dawood	Software for Analysis and Design of Concrete Structures Using ECP
2020	Youssef Elsalamony	Structural Design of a Cinema Plaza
2020	Nouran Tharwat	Structural Design of a Cinema Plaza
2020	Ahmed Magdy	Structural Design of a Cinema Plaza

SUPERVISION OF GRADUATE STUDENTS

Degree Obtained

Name	Years	Degree	Title of Research Project	Current Position
Moustafa Magdy	2016-2018	M.Sc.	Effect of Recycled Coarse Aggregate on Physical and Mechanical Properties of Concrete	Teaching Assistant at Elahram Institute
Mohamed Ibrahim	2018-2021	Ph.D.	Staged Construction Analysis of Reinforced Concrete Buildings with Different Lateral Load Resisting Systems	Lecturer at Mansoura College Academy
Yasser Elnazlawy	2018-2021	M.Sc.	Shear Behaviour of Concrete Wide Beams Reinforced by Spiral Stirrups	General Manager, Khadamat for Engineering and Construction
Aya Abdelmonem	2019-2021	M.Sc.	Behaviour of Reinforced Concrete Beams with Openings	Structural Engineer
Ahmed Fawzy	2019-2021	M.Sc.	Behaviour of Concrete Shear Walls Reinforced with Corrosion Resistant Bars	Teaching Assistant at Cairo University
Maryam Seleemah	2019-2021	M.Sc.	Behaviour of Composite Conical Tanks under Hydrostatic and Seismic Loadings	Teaching Assistant at Tanta University
Abdulla Mabrouk	2019-2021	M.Sc.	Staged Construction Analysis of Reinforced Concrete Buildings with Post-tension Slabs	Structural Engineer

Hadeer Hosney	2020-2022	M.Sc.	Analytical Modelling of RC Beams with Openings and Strengthened with CFRP Strips	Teaching Assistant at Canadian International College
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In Progress

Name	Years Supervised	Degree	Title of Research Project
Mohamed Moustafa	2022-	M.Sc.	Behaviour of post-tensioned RC beams strengthened with various materials
Abdelrahman Emad	2022-	Ph.D.	Behaviour of post-tensioned RC slabs strengthened with CFRP
Moustafa Magdy	2022-	Ph.D.	Analysis of post-tensioned RC slabs
Amr Salah	2021-	M.Sc.	Strengthening of hollow-core slabs with CFRP strips.
Ahmed Ismail	2021-	Ph.D.	Behaviour of Masonry walls under blast loading
Doaa	2020-	M.Sc.	Long-term Deflections of Post-tensioned Slabs with Openings
Yasser Mater	2020-	Ph.D.	Effect of Recycled Aggregate on Mechanical Behaviour of RC Beams
Amal Farahat	2020-	Ph.D.	Effect of Recycled Aggregate on Mechanical Behaviour of RC Columns
Mahmoud Bahaa	2019-	M.Sc.	Behaviour of RC beams subjected to steel corrosion

TECHNICAL SKILLS

- Producing and revising complicated engineering drawings using AutoCAD software
- Analysis and design of reinforced concrete and steel buildings using SAP 2000, SAFE and ETABS software
- Programming using MATLAB, C++ and FORTRAN languages
- Developing windows user interface software using C# language
- Developing engineering websites

INDUSTRIAL EXPERIENCE

Senior Structural Engineer

2018 - Current

Center of Design and Engineering Consulting (CDEC), Giza, Egypt

- Revised the structural analysis and design for several projects.

- Checked and prepared technical reports, designs and drawings to ensure compliance with all Egyptian codes
- Developed different tools for efficient design of RC buildings
- Modelling of RC buildings using SAP, SAFE, and ETABS software

Senior Structural Engineer

2017 - 2018

Bena Consulting Group, Cairo, Egypt

- Revised structural design of different buildings using the commercial software SAP 2000 and SAFE
- Performed structural analysis and design of concrete structural components such as: footings, columns, beams, slabs and stairs
- Met with different clients to track the progress of their engineering projects
- Revised different engineering technical reports that were prepared by junior engineers

Design Engineer

2008 - 2011

Zaghw Associates, Cairo, Egypt

- Conducted structural design of different residential buildings consisting of two to twelve storeys following the Egyptian codes
- Revised the structural and architectural drawings of various projects for “El-Mogamma El-Ashryya” adhering to established Egyptian codes
- Designed swimming pools with constant or variable depths to meet specifications for water structures
- Developed excel spreadsheets for the design of several structural elements according to Egyptian codes of practice
- Ordered and negotiated the price of materials to stay within set budget
- Checked and prepared site reports, designs and drawings to ensure compliance with all Egyptian codes
- Supervised contracted staff to guarantee tasks were completed efficiently

Laboratory Engineer

2008 - 2011

Concrete Research Laboratory, Cairo University, Giza, Egypt

- Conducted compression tests for concrete cubes and tension experiments for concrete cylinders to ensure compliance with codes
- Performed loading tests on bridges using heavy trucks to check deflection and strains conforming to code requirements
- Conducted experimental testing of prestressing cables and accessories.

TRAINING EXPERIENCE

Engineer in Training (Summer)

2006

Ahmed Ragab Consulting Engineering Office, Giza, Egypt

- Ensured that construction plans met guidelines and specifications of the Egyptian design codes

- Acted as site supervisor, overseeing all aspects of the project including staff supervision, contractor negotiation and timely completion of work

Engineer in Training (Summer)

2005

Idea Design Consulting Office, Cairo, Egypt

- Dealt with contractors and material suppliers and ensured projects were completed successfully while acting as site supervisor

PROFESSIONAL ACTIVITIES

Member of the Professional Engineers in Ontario, Canada

Member of the Egyptian Engineering Syndicate, Egypt

Member of Structural Engineering Department Council

Member of Quality Assurance Committee

EXTRACURRICULAR ACTIVITIES

Participated in “Fall Preview Day” and “Winter Preview Day” to engage prospective students and their families, while representing the Civil and Environmental Engineering Dept., Western University. **2014-2015**

Represented the Civil and Environmental Engineering Dept. while participating in the “Intent-to-Register Showcase” held annually at Western University. **2014-2015**

Attended a Business and Management-Summer course (ENGSCI 9701L) at Ivey Business School, Western University. **2015**

Encouraged participation in the Big Beam Competition at the annual “Intent to Register” event for first year students at the Civil and Environmental Engineering Dept., Western University. **2012-2013**

Participated in the 2012 Big Beam Contest as a UWO team member, which ranked 1st place in the international zone and achieved the best video award. **2011-2012**

LANGUAGES

Fluent in Arabic and English with fair knowledge of French.

NATIONALITY

Canada: Citizen.

Egypt : Citizen.

REFERENCES

Ashraf El Damatty, P.Eng.

Professor & Chair

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Professor

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Hany A. Abdalla

Professor

Faculty of Engineering – Dept. of Structural Engineering

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Haitham Aboshosha

Assistant Professor

Faculty of Engineering – Dept. of Civil Engineering

Ryerson University, Toronto, Ontario, Canada.

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Ayman El Ansary

Associate Professor

Spencer Engineering Building – Room 3026A

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Any supporting documents will be available upon request.