



**1. Name and Academic rank:**

Ahmed Mohamed Ellakany, Associate Professor, full time

**2. Education: Degrees, discipline, institution and date:**

- Ph.D., Engineering Mathematics, Alexandria University, 1993
- M.S., Engineering Mathematics, Alexandria University, 1987
- B.S., Civil Engineering, Alexandria University, 1980

**3. Academic experience**

- Director of Faculty of Engineering-Tripoli Branch, Beirut Arab University (December 2010- present), full time
- Beirut Arab University, , Associate Professor, 2010- present, full time
- Beirut Arab University, Assistant Professor, 2008- 2010, full time
- Alexandria University, Assistant Professor, 2003- 2008, full time
- Beirut Arab University, Assistant Professor, 1999- 2003, full time
- University of Miami, International Scholarship, 1998.
- Alexandria University, Assistant Professor, 1993- 1997, full time
- Alexandria University, Teaching Assistant, 1980- 1993, full time

**4. Non-academic experience**

- Structural designer in many consulting offices (1980-1990)
- Designer and supervisor of several sanitary and water supply projects for buildings (2004 – 2008)

**5. Certification or professional Registration**

- Member of Association of graduate engineering, Alexandria University.
- The Order of Engineers.

**6. Current membership in professional organizations**

- None

**7. Honors and Awards:**

- Graduated with High distinction From Alexandria University, 1980.

**8. Service activities**

- 2013 – present: Member of the dean’s Council.
- 2015 – present : Member of Tripoli Branch Council.
- 2013 – present: Member of the Faculty’s Council.
- 2013 – 2018 : Head of the Faculty Branch’s Council.
- 2013 – present: Head of the Faculty’s Branch Quality of Education Unit.
- 2014 – present: Member of the Coordination Committee between the Faculty and the Branch.
- 2010 – 2012 : Member of the Tripoli Branch Follow-up Committee.
- 2010 : Holding Advance Auto CAD training course

**9. Principal publications and presentations**

**9.1 Textbook**

None



## 9.2 Journal Publications

- Ahmed M. Ellakany, Khalil M. Elawadly, and Bahia N. Elhamaky, "A combined transfer matrix and analogue beam method for free vibration of composite beams", *Journal of Sound and Vibration*, Vol. 277, pp.765-781, 2004.
- Ahmed M. Ellakany, "Calculation of higher natural frequencies of simply supported elastic composite beams using Riccati matrix method", *International Journal of the Italian Association of Theoretical and Applied Mechanics AMETA*, Vol. 43, No. 5 October, 2008.
- Ahmed M. Ellakany and Hussein A. Tablia, " A Numerical Model for Static and Free vibration of Elastic Composite Beams with End Shear Restraint", *Meccanica, An International Journal of the Italian Association of Theoretical and Applied Mechanics*, Volume 45, No. 4 pp. 463- 474, 2010.
- Ahmed M. Ellakany, Mohamad Ali, Mohamed A. El-Gohary and Mohamed Elkholy, "Lumped system model for elastic steel-concrete beams with partial interaction", *Multidiscipline Modeling in Materials and Structures*, Vol. 16, No. 1, pp. 121-133, 2020.

## 9.3 Conference Proceedings

- H. M. Metwally, Ahmed M. Ellakany, and N. A. Al Chaar, "Dynamic Response of Bridge's Deck Due to Earthquake Vertical Component", *Proceeding of The International Conference on Vibration, Noise and Structural Dynamic 99*, Venice, Italy, April 1999.
- Ahmed M. Ellakany, Khalil M. Elawadly, and A. Ellakany, "Calculation of Natural Frequencies of Multi-Span Elastic Composite Beams Using Transfer Matrix-Analog Beam Method", *Proceeding of the Seventh International Conference on Production Engineering, Design and Control, PEDAC2001*, Alexandria, Egypt, pp. 671-682, Feb. 2001.
- Ahmed M. Ellakany, Khalil M. Elawadly, and A. Ellakany, "Transfer Matrix-Analog Beam Method to Calculate Natural Frequencies of Elastic Composite Beams", *Proceeding of the Seventh International Conference on Computer Aided Optimum Design of Structures, OPTI 2001*, Bologna, Italy, pp. 259-268, May 2001.
- Ahmed M. Ellakany and Raafat E. S. Ismail, "Transfer matrix-boundary element method for dynamic analysis of floating bridges due to two moving loads", *Alexandria International Conference of Structural and Geotechnical Engineering-(AICSGE 8)*, Alexandria, Egypt, pp.ST 1-ST 15. April 2014.

## 10. Professional development activities

- Participated in organizing a workshop entitled "New Trends in Engineering – Education and Technology," held on November 2017 in Orders of Engineers, Tripoli, Lebanon.,