

Hany Ibrahim

Associate Prof.

EDUCATION

- **Ph.D. in Structural Engineering, Cairo University, Egypt, 2014.**

Title of Ph.D: Thesis: Predicting the chloride Ingress Process Inside Blended Concrete Using Artificial Neural Networks.

- **M.Sc. in Structural Engineering, Benha University, Egypt, 2009.**
 - Title of M.Sc. Thesis: Performance of Egyptian Activated Slag In Severe Conditions.
- **B.Sc. (Eng.) in Structural Engineering, Benha University, Egypt, 2002.**

ACADEMIC EXPERIENCE (FULL-TIME)

- **Associate Professor:** Associate Professor of Strength and Properties of Materials, Civil Engineering Department, Nile Higher Institute for Engineering and Technology, from September 2021 to present.
- **Head of civil Engineering department,** Faculty of Engineering, Beni-Suef University (2019/2020)
- **Associate Professor:** Associate Professor of Strength and Properties of Materials, Civil Engineering Department, Beni-Suef University, from August 2019 to August 2021.
- **Assistant Professor:** Assistant Professor of Strength and Properties of Materials, Civil Engineering Department, Beni-Suef University, from 2014 to August 2019.
- **Assistant Lecturer:** Assistant Lecturer of Strength and Properties of Materials, Civil Engineering Department, Beni-Suef University, from 2012 to 2014.

NON-ACADEMIC EXPERIENCE (PART TIME)

- **Company CRC (EGYPT)** in the period from /2006 to /2014.

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

- Project Management Certification (Certified Project Manager IBMA Level C), The regulations of MPC/IBMA competence baseline

PROFESSIONAL ORGANIZATIONS

- Beni-Suef University

HONORS AND AWARDS

- Represent Beni-Suef faculty of Engineering in some international conferences (Italy , England)

SELECT PUBLICATIONS/PRESENTATIONS (PAST 5 YEARS)

- H.I. Ahmed, and Hodhod, O.A., “Simulation of Early and Late Compressive Strength of Nano- Silica Concrete”, Life Science Journal, Vol. 16, No. 4 25, pp., 26-31, April 2019.
- H.I. Ahmed, “Behavior of Magnatec Concrete Incorporated with Egyptian Nano Alumina”, Construction and Building Materials Journal, Vol. 150, pp. 404-408, 2017.
- H.I. Ahmed, “Resistance Of De-Agglomerated Nano Silica Concrete To Chloride Ingress”, the 4th International Conference on Advances in Civil, Structural and Mechanical Engineering - CSM 2016, UK, Birmingham, 2016, pp. 73-77.
- H.I. Ahmed, “Optimal Content of Egyptian Nano Silica in Concrete”, Journal of Engineering and Applied Science, Faculty of Engineering, Cairo University, Vol. 63, No. 1, pp. 23-38, 2016.
- H.I. Ahmed, “Early and Late Strength of Magnetically Cured Concrete”, Journal of Engineering and Applied Science, Faculty of Engineering, Cairo University.
- H.I. Ahmed, “Modeling The Microstructure Of Slag-Blended Cements Using Artificial Neural Network”, the 3rd International Conference on Advances in Civil, Structural and Construction Engineering - CSCE 2015, Italy, Rome, 2015, pp. 77-84.
- Hodhod, O.A., and Ahmed, H.I., “Developing an Artificial Neural Network Model to Evaluate Chloride Diffusivity in High Performance Concrete”, HBRC Journal, Vol. 9, Issue 1, 2013, pp.
- Hodhod, O.A., and Ahmed, H.I., “Modeling the Service Life of Slag Concrete Exposed to Chlorides”, HBRC Journal, 2013.
- Abdelalim, A.M.K., Abdelaziz, G.E., M. O. Ramadan El Hariri and Ahmed, H.I., “Some Durability Aspects of Mortar Incorporating Local Activated Water-Cooled Slag”, Ain Shams Journal of Civil Engineering (ASJCE), Vol. 1, No. 1, March, 2009, 12 pp.

PROFESSIONAL DEVELOPMENT

Head of civil Engineering department, Faculty of Engineering , Beni-Suef University

2019/2020.

Faculty Council – Faculty of Engineering , Beni-Suef University – Egypt for the following academic years:

2019/2020.

Laboratories Committee – Beni Suef University – Egypt for the following academic years:

2016/2017.

2017/2018.

Environmental Committee – Beni Suef University – Egypt for the following academic years:

2016/2017.

Graduation Projects Committee – Beni Suef University – Egypt for the following academic years:

2016/2017.

2017/2018.

2018/2019.