



Basic Information :

Name : Ahmed M. Ebid
Title : Associate professors

Associate professors Ahmed Abdelkhaleq - Structural Engineering Department
He graduated from Structural Engineering department, Faculty of Engineering, Ain Shams University, Cairo, Egypt in June 1996. He got his M.Sc. and Ph.D. from the same department in 2001 and 2004 respectively. Presently, he is a lecturer in structural department, faculty of engineering, Future University in Egypt. His scientific research interests are in Geo-technical engineering, concrete structures, applications of (AI) in structural engineering. He published 16 researches in Geo-technical engineering, repairing using FRP, optimization of concrete structures & applications of (GP) in structural engineering. He is a consultant in Geo-technical engineering & Concrete structures since 2012.

Education:

Certificate	Major	University	Year
PhD	Civil Engineering		2004
Masters	Civil Engineering		2000
Bachelor	Civil Engineering		1996

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Teaching Staff Member	16/02/2014	Current

Researches / Publications :

Cost optimization of multi-story steel buildings during the conceptual design stage
Behavior of strip footing rested on undrained clay using consistency limits-based constitutive law
Evaluation of the Compressive Strength of CFRP-Wrapped Circular Concrete Columns Using Artificial Intelligence Techniques
Hydraulic conductivity predictive model of RHA-ameliorated laterite for solving landfill liner leachate, soil and water contamination and carbon emission problems
Load-Settlement Curve and Subgrade Reaction of Strip Footing on Bi-Layered Soil Using Constitutive FEM-AI Coupled Techniques
Optimal Compressive Strength of RHA Ultra-High-Performance Lightweight Concrete (UHPLC) and Its Environmental Performance Using Life Cycle Assessment
Evaluating Shear Strength of Light-Weight and Normal-Weight Concretes through Artificial Intelligence
(AI) in Infrastructure Projects- Gap Study
Global warming potential-based life cycle assessment and optimization of the compressive strength of fly ash-silica fume concrete; environmental impact consideration
Effect of metakaolin on the mechanical properties of lateritic soil
Estimating the Buckling Load of Steel Plates with Center Cut-Outs by ANN, GEP and EPR Techniques
Strength of Composite Columns Consists of Welded Double CF Sigma-Sections Filled with Concrete- An Experimental Study
Modeling the confined compressive strength of CFRP-jacketed noncircular concrete columns using artificial intelligence techniques
Solving geophysical flow problems in Luxembourg: SPH constitutive review
Innovative Overview of SWRC Application in Modeling Geotechnical Engineering Problems
Decision Support System for Optimum Repair Technique of Concrete Bridges Girders in Egypt

Effect of Plastering Layer on Corrosion Resistances of Reinforced Concrete Beams
Predicting (Nk) factor of (CPT) test using (GP): Comparative Study of MEPX & GN7
Experimental Study for Strengthening of RC Rectangular Columns with Anchored CFRP Sheets
Mathematical Approach to Simulate Soil Behavior Under Shallow Compaction
Decision support system for optimum soft clay improvement technique for highway construction projects
STRENGTH CHARACTERISTICS OF HANDY LAY-UP GFRP I-BEAMS
THEORETICAL STUDY FOR R.C. COLUMNS STRENGTHENED WITH GFRP WITH DIFFERENT MAIN STEEL RATIO
Optimum replacement depth to control heave of swelling clays
Optimum penetration depth of cantilever sheet pile walls in dry granular soil based on reliability analysis concept and its impact on the shoring system cost
IMAGE COMPRESSION USING GENETIC PROGRAMMING
OPTIMUM ALTERNATIVE TO REDUCE COLUMN SIZE CONSIDERING BEHAVIOR AND COST IMPACTS ON BUILDING
Simple Mathematical Approach to Simulate Granular Fill Behavior under Dynamic Compaction
Simplified Approach to Consider Cracking Effect on the Behavior of Laterally Loaded RC Piles
Estimating the economic quantities of different concrete slab types