

Curriculum Vitae (CV)

Mohamed Samir Hassan Mohamed Bakir



Personal Information:

Academic Rank: Teaching Assistant

Department: Civil Engineering

Specialization: Project Management

Position: Research Assistant

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Higher Technological Institute

6th of October



Degree	Discipline	Institution	Year
Ph.D.	Project Management	BENHA UNIVERSITY	---
M.Sc.	Project Management	BENHA UNIVERSITY	2021
B.Sc.	Civil Engineering	HTI – 6 TH OF OCTOBER BRANCH	2013

Academic Experience:

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 6th OF October, EGYPT

Rank: Research Assistant (PHD student)

Dates: 2021 – till now

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 6th OF October, EGYPT

Rank: Teaching Assistant (from 2013 - 2021)

Research interests:

Research Interests includes green building; sustainable buildings; sustainable development; Mostadam; LEED; sustainable development goals; optimizing cost in construction project; developing computerized models; optimizing concrete mixes quantities.

Teaching interests includes Construction Project Management; planning and scheduling, cost estimating, designing for safety, construction site systems, temporary construction structures, and construction contracts and specifications. developing risk plan, quality plan and advanced topics in project controls.

1. **AMR A. GAMAL, MOHAMED S. BAKIR, ANWAR MAHMOUD& MOHAMED ABDEL-HAMID (2021).** Establishing a computerized model for designing different types of concrete in terms of strength, quantity and cost. Journal of Engineering Science and Technology (JESTEC) Vol. 16, No. 4 (2021) 3455 – 3480, School of Engineering, Taylor's University. [FORMAT INSTRUCTIONS FOR SOMChE 2004 PAPERS \(taylors.edu.my\)](https://taylorsofengineering.com/wp-content/uploads/2021/05/FORMAT-INSTRUCTIONS-FOR-SOMChE-2004-PAPERS.pdf)
2. **MOHAMED S. BAKIR, AMR A. GAMAL, ANWAR MAHMOUD& MOHAMED ABDEL-HAMID (2021).** Equations For High Strength Concrete Design. Al-Azhar University Civil Engineering Research Magazine (CERM) Vol. (43) No. (1) January 2021. [P21-01-15.pdf \(azharcermjournal.com\)](https://azharcermjournal.com/wp-content/uploads/2021/01/P21-01-15.pdf)

Teaching Assistance - 09/2013 to now

- Teaching subjects of Project management department; Construction management, Time management, Cost management, Quality management, Contract management, Quantity survey, Risk management, and supervision of Project management graduation projects.
- Teaching subjects of Construction department; Concrete structures Design, Material specifications, Hydraulics, Programming, Civil surveying, Steel structures Design, and civil drawings.