

CURRICULUM VITA
Mohamed Rabie Mahmoud
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Structure Engineering Dept.
Faculty of Engineering
Cairo University

PERSONAL

Born 01/01/1960, Egypt, Married Three children

EDUCATION

1. Cairo University, Giza, Egypt, Ph. D. in structural engineering in Nov., 1994 Ph. D. thesis entitled “ Shear Transfer in Composite Reinforced Concrete Sections”
2. Cairo University, Giza, Egypt, M.Sc. in structural engineering in Oct., 1988 M.Sc thesis entitled “ Non Linear Analysis of Deep – Ordinary (Shallow) Beams”
3. Cairo University, Giza, Egypt, BS.C. in Civil Engineering with a general grade of appreciation Excellent with the Honor’s degree (Rank first among 800 students class) in May., 1982.

WORK EXPERIENCE

- 01/95 – Present Manager of “**CAIRO HOME OF ENGINEERING CONSULTATION (CHEC)**“, Egypt.
- 11/94 – Present Assistant professor in the structure Engineering Dept., Faculty of Engineering, Cairo University, Giza, Egypt.
- 01/94 – Present Manager and partner of “**EGYPTIAN GROUP FOR ENGINEERING CONSULTATION OFFICE (EGEC)**“, Egypt.
- 01/94 – 01/94 Senior Engineer in “**EGYPTIAN GROUP FOR ENGINEERING CONSULTATION OFFICE (EGEC)**“, Egypt.
- 01/84 – Present Member of the “**CONCRETE RESEARCH LABORATORY**” Faculty of Engineering, Cairo University, Giza, Egypt.
- 02/85 – 12/86 Senior Engineer in “**NABCONTRACT COMPANY**“, Cairo, Egypt.
- 03/84 – 01/85 Structure Engineer in “**Prof. IBRAHEEM GAFFAR COUSULTATION OFFICE**“ Cairo, Egypt.
- 08/82 – 03/84 Structure Engineer in “**COSULTING ENGINEERING GROUP Prof. EL – ADAWY NASSEF (SEGMAN)** “, Cairo, Egypt.

PRACTICAL EXPERIENCE

The structural design and management of several projects such as

1. The structural design of the “**Faculty of Dentistry**” Mansoura University, El-Mansoura, Egypt.
2. The structural design of the pile foundation of the “**Oncology Center**” Mansoura University, El-Mansoura, Egypt.
3. The structural design of the “**Magnetic Resonance Imaging Building**” Mansoura University, El-Mansoura, Egypt.
4. Supervision of the construction of the “**Emergency Hospital**” Mansoura University, El-Mansoura, Egypt.
5. Supervision of the construction of the “**Gastroenterology Surgery center**” Mansoura University, El-Mansoura, Egypt.
6. Supervision of the construction of the “**Pediatric Hospital**” Mansoura University, El-Mansoura, Egypt.
7. Design of many reinforcement concrete traditional buildings and water structures.
8. Strengthening and repair of the “**Radiology building**” Mansoura University, El-Mansoura, Egypt.
9. The structural evaluation and load testing of several large span reinforced concrete, prestressed concrete, and suspended cable bridges in Egypt through concrete research laboratory, Faculty of Engineering, Cairo, Egypt.
10. The structural evaluation and preparing technical report for strengthening and repair of the “**Hanging Church and Coptic museum**” Cairo, Egypt, Through Engineering Center for Archaeology and Environment.
11. The structure evaluation and preparing technical report for strengthening and repair of 68 residential buildings in East Nile new city, Beni suef, Egypt.
12. Supervision of strengthening and repair of 168 residential buildings in East Nile new city, Beni suef, Egypt.
13. Complete design of the “**Sporting Hotel**” in Beni-suef, Egypt.
14. Complete design of the “**Mobarak Liberary**” in Shbeen El-kom, Egypt.
15. Strengthening and repair of 25 bridges in Sultanate of Oman, as a consultant of Renardet S.A. & partners.

16. Complete design of the “**Qarun Petroleum Company Compounds**” in Karama and Wadi El-ryan fields.
17. Planing and developing of “**Mobark Industrial Area**” in Qesna, Egypt.

TEACHING EXPERIENCE

- 1994 – Present Assistant professor in the structure Engineering Dept., Faculty of Engineering, Cairo University, Giza, Egypt.
- 1988 – 1994 Assistant lecturer in the structure Engineering Dept., Faculty of Engineering, Cairo University, Giza, Egypt.
- 1982 – 1988 Demonstrator, Faculty of Engineering, Cairo University, Giza, Egypt.

RESEARCH INTEREST

1. Finite Element and Numerical Method Application in Structural Engineering.
2. Behavior of composite reinforced concrete members.
3. Strengthening and Repair of Reinforced Concrete Columns.
4. Nonlinear Behavior of Reinforced Concrete Flat Slabs.
5. Strengthening of Masonry Walls Using Reinforced Concrete Jackets.

PROFESSIONAL

1. Registered as a Consulting Engineer at the Engineering Syndicate of Egypt.
2. The Engineering Syndicate of Egypt, Member.
3. Egyptian Society of Civil Engineers, Member.

PUBLICATIONS

Many papers and reports in the field of Structural Engineering.