CURRICULUM VITAE

Walid Nabil Mansour

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Date of birth: 10/2/1989

Position: Assistant Professor, Civil Engineering department, Faculty of Engineering, Kafrelsheikh University.

Gender: male

Marital status: Married

Military service: completed

Education:

2019: Doctor of philosophy in Engineering (Structural Engineering), Tanta university, Egypt.

2015: M. Sc. In Engineering (Structural Engineering), Tanta university, Egypt (CGPA=3.83)

2011: Bachelor of Engineering, Civil Engineering, Kafrelsheikh University, Egypt (92.04%, Excellent (Honors))

Employment Experience:

- **2022**: Head Manager of Quality Assurance Unit, Faculty of Engineering, Kafrelsheikh University, Egypt.
- **2019**: Assistant Professor, Civil Engineering department, Faculty of Engineering, Kafrelsheikh University, Egypt.
- **2015**: Assistant lecturer, Civil Engineering department, Faculty of Engineering, Kafrelsheikh University, Egypt.
- **2012:** Demonstrator, Civil Engineering department, Faculty of Engineering, Kafrelsheikh University, Egypt.

Teaching Experience in the Civil Engineering Department:

- **Structural Analysis (1) [First year]**

- **Structural Analysis (2) [Second year]**
- **Theory of Structures [Third year]**
- **Dynamic and Stability [Third year]**
- **Computerized Structural Analysis [Fourth year]**
- **Design of Steel Structures [Third year]**
- **Steel Bridges [Fourth year]**

Publications

1. Baraghith AT, Mansour W, Behiry RN, Fayed S, Effectiveness of SHCC strips reinforced with glass fiber textile mesh layers for shear strengthening of RC beams: Experimental and numerical assessments. Construction and Building Materials 327 (2022) 127036.
2. Mansour W, Sakr M, Seleemah A, Tayeh BA, T.M. Khalifa T, Bond behavior between concrete and prefabricated Ultra High-Performance Fiber-Reinforced Concrete (UHPFRC) plates. Structural Engineering and Mechanics. 2022;81(3):305-316.
3. Fayed S, Mansour W, Farhan MH. Using Surveying Instruments in Monitoring 3D Deformations of RC Structure Subjected to Differential Settlement of Its Footings. Arabian Journal for Science and Engineering (2022). https://doi.org/10.1007/s13369-021-06316-w.
4. Mansour W, Fayed S. Flexural rigidity and ductility of RC beams reinforced with steel and recycled plastic fibers. Steel and Composite Structures 41 (2021): 317-334.
5. Mansour W, Sakr M, Seleemah A, Tayeh BA, T.M. Khalifa T, Development of shear capacity equations for RC beams strengthened with UHPFRC. Computers and Concrete. 2021;27(5):473-487.
6. Fayed S, Mansour W, Khalil A, Evaluation of Sea Water as a Mixing/Curing of the Concrete, "International Conference on Advances in Structural and Geotechnical Engineering ICASGE'21: Hurghada, Egypt. 2021.
7. Mansour W. Numerical analysis of the shear behavior of FRP-strengthened continuous RC beams having web openings. Engineering Structures 227 (2021) 111451.
8. Mansour W, Fayed S. Effect of interfacial surface preparation technique on bond characteristics of both NSC-UHPFRC and NSC-NSC composites. Structures 29 (2021): 147-166.
9. Fayed S, Mansour W. Evaluate the effect of steel, polypropylene and recycled plastic fibers on concrete properties. Advances in Concrete Construction. 2020;10:319-332.
10. Mansour W and Tayeh B. Shear Behaviour of RC Beams Strengthened by Various Ultrahigh Performance Fibre-Reinforced Concrete Systems. Advances in Civil Engineering. 2020:1-18.

11. Basha A, Fayed S, Mansour W. Flexural strengthening of RC one way solid slab with strain hardening cementitious composites (SHCC). Advances in Concrete Construction. 2020;9:511-27.
12. Ahmed Hamoda, Mohamed Emara, Walid Mansour. Behavior of steel I-beam embedded in normal and steel fiber reinforced concrete incorporating demountable bolted connectors. Composites Part B 174 (2019) 106996.
13. Tayeh BA. Tayeh, Ayad S. Aadi, Nahla N. Hilal, B. H. Abu Bakar, Mustafa Maher Al-Tayeb, and Mansour WN. Properties of ultra-high-performance fiber reinforced concrete (UHPFRC)—a review paper, AIP Conference Proceedings 2157, 020040 (2019); https://doi.org/10.1063/1.5126575.
14. M.A. Sakr, A.A. Sleemah, T.M. Khalifa, W.N. Mansour, Shear strengthening of RC beams using prefabricated ultra-high performance fiber reinforced concrete (UHPFRC) plates: Experimental and numerical investigation, Structural Concrete Journal 2019;20:1137–1153.
15. M.A. Sakr, A.A. Sleemah, T.M. Khalifa, W.N. Mansour, Behavior of RC beams strengthened in shear with ultra-high performance fiber reinforced concrete (UHPFRC), Concrete Repair, Rehabilitation and Retrofitting, Cape Town, South Africa, 19–21 November 2018.
16. M.A. Sakr, A.A. Sleemah, T.M. Khalifa, W.N. Mansour, Parametric studies of RC beams strengthened in shear with UHPFRC plates, "International Conference on Advances in Structural and Geotechnical Engineering ICASGE'19: Hurghada, Egypt. 2019.
17. M.A. Sakr, T.M. Khalifa, W.N. Mansour, Analysis of RC Continuous Beams Strengthened with FRP Plates: A Finite Element Model. Civil Engineering Journal Vol. 2, No. 11, November, 2016.
18. Mohammed A. Sakr, Tarek M. Khalifa, and Walid N. Mansour. External strengthening of RC continuous beams using FRP plates: Finite element model. International Journal of Structural Analysis & Design-IJSAD, 2016; Vol. 2 No. 1. p. 65-71.
19. Mohammed A. Sakr, Tarek M.Khalifa, and Walid N.Mansour. Behavior of Reinforced Concrete Continuous Beams Flexurally Strengthened with FRP plates: A Parametric Study. International Conference on Advances in Structural and Geotechnical Engineering ICASGE'15: Hurghada, Egypt. 2015.

Books

1. Analysis of RC Continuous Beams strengthened in Flexure with FRP, Lambert Academic Publishing.

Languages

Arabic- native

English- Overall grade of IELTS: 6

Listening=6; Reading=6; Writing=6; and Speaking=6