

## Curriculum Vitae

Shaimaa Tariq SAKIN

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### PERSONAL SUMMARY:

Dr. Shaimaa Tariq SAKIN is currently working as a lecturer at Civil Engineering Department, Engineering College, Mustansiriyah University, Iraq. She has completed her Ph.D. in structural Engineering from Gazi University, Turkey. The main area of experience including the strengthening of concrete by CFRP, Finite Element Analysis and Modelling for the bond -Slip Behavior.

### EDUCATION:

- Ph.D. Structural Engineering, Nonlinear FE Analysis of Bond-Slip Behavior of Concrete Strengthened with Anchored CFRP Strip, 2018, Gazi University, Ankara, Turkey.
- M.Sc. Structural Engineering, Analysis up to Failure of Horizontally Curved Composite Precast Girder and Cast- in place Slab with Partial Interaction, 2008, University of Technology, Baghdad, Iraq.
- B.Sc. Civil Engineering, Mustansiriyah University, 2004, Average 81.766%, Baghdad, Iraq.

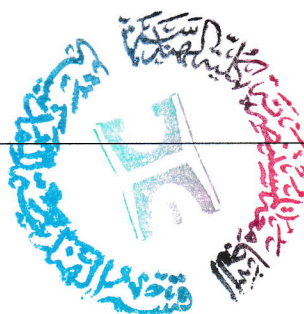
### ACADEMIC HONORS AND AWARDS:

- Ranking 1<sup>st</sup> out of 99 students, Civil engineering Department, Mustansiriyah University, 2004.

### ACADEMIC /TEACHING EXPERIENCE

- Assistance Lecturer, Civil Engineering Department, Engineering College, Mustansiriyah University, Baghdad, IRAQ, 2010-2013.
- Lecturer, Civil Engineering Department, Engineering College, Mustansiriya University, Baghdad, IRAQ, 2018-yet.

### Courses Taught:

Undergraduate	Postgraduate
<ul style="list-style-type: none"><li>• Engineering Surveying (Laboratory)</li><li>• Concrete Technology (Laboratory)</li><li>• Programming and Application (Laboratory)</li><li>• Statics and probability</li><li>• Strength of Material I &amp; II</li></ul>	

الإستاذ المساعد الدكتور  
علي جبار محمد ظم  
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الأستاذ المساعد الدكتور  
نبراس نزار عبد الحميد  
رئيس قسم الهندسة المدنية


PROFESSIONAL AFFILIATIONS:

- Member of Iraqi Engineers' Union since 2004.
- Member of Iraqi Academic Union
- Member of Young Academics union.


PUBLICATIONS:

Refereed Journal Papers

- Ghoroubi, R., Mercimek, Ö., Sakin, S., Anil, Ö. (2021). Novel bond-slip model between concrete and angular CFRP fan type anchored CFRP strip. *European Journal of Environmental and Civil Engineering*.
- Sakin, S., Anil, Ö., Uzel M., Togay A. (2020). Nonlinear Investigation of bond-slip model of timber-to-timber bonded joint strengthened with different types of nets. *Mechanics Based Design of Structures and Machines*.
- Sakin, S., Anil, Ö. (2019). Nonlinear Finite Element Model for Interface Between Anchored Carbon Fiber Reinforced Polymer and Concrete Surface. *Structural Concrete*, 1-14.
- Sakin, S., Anil, Ö., Goroubi, R., and Mercimek, Ö. (2018). Modelling Bond Between Concrete and Bonded and Anchored Carbon- Fiber Polymer. *Proceedings of the Institution of Civil Engineers-Structures and Buildings*.
- Muhammed, N. J., Sakin, S. T., Sahib D. (2018). Finite Element Analysis of Normal Strength, High Strength and Hybrid Reinforced Concrete Beams. *Iraqi Journal of Civil Engineering*, 12(2).
- Sakin, S. (2014). Punching Shear in Voided Slab. *Civil and Environmental Research*, 6(10).
- Abbas, A. N., Muhammed, N. J., and Sakin, S. (2014). Effect of the Distance between Points Load on the Behavior of Strengthened Reinforced Concrete Beams. *Chemistry and Materials Research*, 6(8).
- Kareem, S., Sakin, S., and Yousif, M. (2013). Non-linear FE modeling of tow-way Reinforced Concrete Slab of NSC, HSC and LWC under Concentrated Load. *Journal of Engineering and Development*, 17(2), 243-254.
- Husain, H. M., Hamood , M. J., and Sakin, S. (2009). Analysis Up to Failure Of Straight And Horizontally Curved Composite Precast Beam And Cast-In-Place Slab With Partial Interaction. *Engineering and Technology Journal*, 27(13), 2509-2522.

  
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نيراس نزار عبد الحميد  
رئيس قسم الهندسة المدنية

PROFESSIONAL DEVELOPMENT:

- Academic Turkish Education Program, 18<sup>th</sup> March- 5<sup>th</sup>, 2017, TÖMER, Gazi University, Ankara, Turkey.
- Training program on the structural analysis and design by using computer software' ANSYS workbench' organized by continuing education unit at College of Engineering, Mustansiriyah University on 19<sup>th</sup> -23<sup>rd</sup> January 2020, Baghdad, IRAQ.
- Training program on Microsoft office word and Power point organized by continuing education unit at College of Engineering, Mustansiriyah University on 17<sup>th</sup> -20<sup>th</sup> March 2020, Baghdad, IRAQ.
- Training program on Basics of Microsoft Excel organized by QA and Accreditation Office, AL-Farabi University College on 21<sup>st</sup> -24<sup>th</sup> June 2021, Baghdad, IRAQ.



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