




Curriculum Vitae (CV)



College of Engineering / University of Mosul

General information

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|---|--------------------------------|--|
| Personal photo  | Name and Surname | Assist. Prof. Dr. Oday Asal Salih AlSulaiman |
| | Date of Birth | 01/01/1974 |
| | Gender | Male ▾ |
| | Scientific Title | Assistant Professor ▾ |
| | Appointment year | 2000 |
| | Department | Civil Engineering ▾ |
| | General Specialty | Civil Engineering |
| | Delicate Specialisation | Structures |
| | Official email | odaycivileng@uomosul.edu.iq |
| | Contact Number | 009647736976786 |

Academic Accounts

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|-----------------------|---|
| Google Scholar | https://scholar.google.com/citations?user=83r5zkkAAAAJ&hl=en |
|-----------------------|---|

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|--------------|---|
| ResearchGate | https://www.researchgate.net/profile/Oday_Salih |
| Academia | https://uomosul.academia.edu/DrOdayAsalSalih |
| Publons | https://www.webofscience.com/wos/author/record/HJG-7882-2022 |
| ORCID | https://orcid.org/my-orcid?orcid=0000-0002-2882-8622 |
| Scopus | https://www.scopus.com/authid/detail.uri?authorId=53364314100 |

Certificates

| Certificate | Year | Specialisation (General / Exact) | Country | University |
|-------------|------|----------------------------------|---------|----------------------|
| PhD | 2010 | Civil Engineering /Structure | China | Chongqing University |
| M.Sc. | 2000 | Civil Engineering /Structure | Iraq | University of Mosul |
| BSC | 1995 | Civil Engineering | Iraq | University of Mosul |

Subjects taught

| no. | Subject Name | Time period | Department | Educational level |
|-----|-----------------------|--|---------------------|-------------------|
| 1 | Engineering Mechanics | 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 | Civil Engineering ▾ | First stage ▾ |
| 2 | Theory of Structure | 2000-2024 2024-2025 | Civil Engineering ▾ | Third stage ▾ |
| 3 | Computer Applications | 2010 -2011 2011-2012 2012-2013 | Civil Engineering ▾ | Fourth stage ▾ |

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|----|--|--|---------------------|---------------------------|
| | | 2013-2014 2018-2019 2022-2023 | | |
| 4 | Design of Steel Structures | 2020-2021 | Architecture E... ▾ | Fourth stage ▾ |
| 5 | Analysis of the determinate structures | 2021-2022 2022-2023 2023-2024 2024-2025 | Civil Engineering ▾ | Third Level ▾ |
| 6 | Analysis of the indeterminate structures | 2021-2022 2022-2023 2023-2024 | Civil Engineering ▾ | Third Level ▾ |
| 7 | Software Applications | 2011-2012 2012-2013 2013-2014 | Civil Engineering ▾ | High Diploma/Structures ▾ |
| 8 | Design of Special Reinforced Concrete Structures | 2011-2012 2012-2013 2013-2014 2018-2019 2019-2020 2020-2021 | Civil Engineering ▾ | High Diploma/Structures ▾ |
| 9 | Special Topics | 2011-2012 | Civil Engineering ▾ | PhD /Structures ▾ |
| 10 | Finite Elements Method | 2011-2012 | Civil Engineering ▾ | M.Sc Environmental ▾ |
| 11 | Engineering structures | 2018-2019 2019-2020 2020-2021 | Civil Engineering ▾ | High Diploma/Structures ▾ |
| 12 | Bridges Designs | 2020-2021 | Civil Engineering ▾ | High Diploma/Structures ▾ |
| 13 | Advanced Structural Analysis | 2021-2022 2022-2023 2023-2024 2024-2025 | Civil Engineering ▾ | M.Sc / Structure ▾ |

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|----|--|------------------------|---------------------|--------------------|
| 14 | Dynamic of Structures | 2022-2023 2023-2024 | Civil Engineering ▾ | M.Sc / Structure ▾ |
| 15 | Special Topics in Design of Reinforced Concrete Structures | 2022-2023 | Civil Engineering ▾ | Fourth Level ▾ |
| 16 | Theory of Shells | 2023-2024 2024-2025 | Civil Engineering ▾ | PhD /Structures ▾ |

Scientific and Practical Experience

- 1.
- 2.
- 3.

Publications (Scientific Journals and Conferences)

1. Nonlinear performance of a ten-story reinforced concrete Special Moment Resisting Frame (SMRF), *World Conference on Earthquake Engineering (14th WCEE), October 12-17, 2008, Beijing, China.*
2. A Comprehensive Analysis of the Devastating Wenchuan Earthquake of May 12th, 2008, *World Conference on Earthquake Engineering (14th WCEE), October 12-17, 2008 Beijing, China.*
3. Design standards comparison of reinforced concrete strengthening using FRP composite in Chinese and ACI codes, *International Symposium on Computational Structural Engineering (CSE'09), June 22-24, 2009, Shanghai, China.*
4. *In-plane Seismic Behavior of Solid Confined Masonry walls "without opening", 3rd International Earthquake Symposium (IESB-3), March.5-6 2010, Dhaka, Bangladesh.*
5. *Experimental Study on In-Plane Performance of Confined Perforated Masonry Walls under Cyclic Loading, 3rd International Earthquake Symposium (IESB-3), March.5-6 2010, Dhaka, Bangladesh.*
6. *Wind tunnel study on the Xia-Zhang Bridge under construction: unique tower condition, 3rd International Earthquake Symposium (IESB-3), March.5-6 2010, Dhaka, Bangladesh.*
7. *Earthquake risk in Syria, 3rd International Earthquake Symposium (IESB-3), March.5-6 2010, Dhaka, Bangladesh.*
8. *Full Model Wind Tunnel Study on the Xia-Zhang Bridge under Operation Stage, American Journal of Engineering and Applied Sciences, 3(2), 2010.*

9. *Experimental Study on the Influence of Openings and Tie Columns on Masonry Walls Subjected To Cyclic Loading*, 8th International Masonry Conference 2010 (8IMC 2010), July 4-7, 2010, Dresden, Germany.
10. *In-Plane Seismic Behavior of Perforated Masonry Walls Retrofitted Using CFRP Laminates*, 14th European Conference on Earthquake Engineering (14th ECEE), 30th August–3rd September, 2010, Ohrid, Republic of Macedonia.
11. *Experimental Study on Seismic Behavior Before and After Retrofitting of Masonry Walls Using FRP Laminates*, The 5th International Conference on FRP Composites in Civil Engineering (CICE 2010), September 27-29, 2010, Beijing, China.
12. *Experimental Study on Seismic Behavior of Masonry Walls Retrofitted Using Epoxy Resin Injection*, *Applied Mechanics and Materials*, vol. 94-96, pp. 1373-1377, September 2011.
13. *Behavior and Design of Partially-Encased Composite Beam-Columns*, *Tikrit Journal of Engineering Sciences*, vol. 20, No.6, Tikrit University, Iraq.
14. *Bearing Resistance of CFRP wrapped Concrete*, 3rd international conference on recent innovations in engineering (ICRIE) Duhok, *Journal of University of Duhok*, Vol.23, No.2 (Pure and Eng. Sciences), Pp 788-799, 2020 (Special Issue).
15. "Rehabilitation of the second and third spans of the steel frame of Mosul's Second Bridge", *Case Studies in Construction Materials*, Volume 17, 2022, e01499. ISSN 2214-5095, <https://doi.org/10.1016/j.cscm.2022.e01499>.
16. "Effect of Plastic Hinge Properties in Pushover Analysis of Reinforced Concrete Plane Frames" Published in *International Research Journal of Innovations in Engineering and Technology - IRJIET*, Volume 6, Issue 9, pp 42-48, September 2022. Article DOI <https://doi.org/10.47001/IRJIET/2022.609006>.
17. "Investigating the behavior of post-installed reinforcing bars fixed by chemical adhesives with different concrete base compressive strength", *AIP Conference Proceedings* 2660, 020066 (2022); <https://doi.org/10.1063/5.0107859>.
18. "Sustainable recycling of polyethylene waste through utilization in asphalt paving applications", *Journal of Applied Engineering Science*, vol. 21, Issue 2, pp. 428-439, 2023, Article DOI <https://doi.org/10.5937/jaes0-39960>.
19. "Mechanical properties of concrete using different types of recycled plastic as an aggregate replacement", *Cogent Engineering*, vol. 10, Issue 1, 2023, Article DOI <https://doi.org/10.1080/23311916.2023.2243735>.

Patents

1. No

Published Books

1. No

Training and continuing education courses

- 1.

- 2.
- 3.

Supervision

| Supervising Undergraduate Studies | | | |
|---|--|---|-----------|
| No. | Name of The Student | Project Title | Year |
| 1. | Anas Muwafak Habib Nibras Hazem Touma | Analysis and design of a multi-storey building (hotel) | 2013-2014 |
| 2. | Iyad Abdel Khaleq Abdo Ali Hazem Ali Khudair Ahmed Hamed Ali Khudair | Structural design of a Multi-Storey building for commercial building | 2011-2012 |
| 3. | Zainab Ibrahim Attia Saba Salam Jassim | Analysis and design of a Multi-Storey building (hospital building) using Robot | 2019-2020 |
| 4. | Yahya Muhammad Hadi Ahmed Mahmoud Abbawi Ahmed Khalil Hamad | Design and analysis of a reinforced concrete football stadium | 2020-2021 |
| 5. | Abdullah Amer Hassan Ali Abdul Karim Ahmed | Structural design of a multi-storey building using engineering programs (commercial building) | 2022-2021 |
| Supervising Postgraduate Studies (Diploma) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | Noor Walid Ahmed | Design And Analysis Of Multi Spans Reinforced Concrete Bridge | 2020 |
| 2. | Akram Abdulaziz Ali | Structural analysis and design for an industrial structure with steel sections | 2021 |
| 3. | | | |
| Supervision of Postgraduate Studies (M.Sc.) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | Zahraa Salah Salim Al-Obaidy | Anchorage Evaluation of Steel Rebars Post-Installed in Concrete | 2021 |

| 2. | Ahmed Thyiab Mohammed Thyiab | Comparison between the Flexural Behavior of Concrete Beams Reinforced by Steel and GFRP Bars | 2022 |
|---|------------------------------|--|------|
| 3. | Ahmed M. Abawi | | 2023 |
| Supervising Postgraduate Studies (PhD) | | | |
| No. | Name of The Student | Project Title | Year |
| 1. | | | 2024 |
| 2. | | | |
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Participation in Viva Examination Committees

| Postgraduate Students Discussion (Higher Diploma) | | | |
|--|-----------------------------|--|------------|
| No. | Name of The Student | Project Title | Year |
| 1. | Anfal Essam Fakhry | optimization bridge design | 2014/4/21 |
| 2. | Ola Taha Khader Al-Azzam | Studying the possibility of rebuilding the Al-Hadba minaret in the same dimensions | 2018/11/29 |
| 3. | Zina Arkan Sharif | | 2020/4/19 |
| 4. | Mohamed Salahuddin Yahya | | 2020/12/23 |
| 5. | Muhammad Awf Abdul Rahman | | 2021/3/15 |
| 6. | Qusai Muhammed Abdul Majeed | Analysis and design of a multistory building with composite columns | 2022/6/28 |
| Postgraduate Students Discussion (Masters) | | | |
| No. | Name of The Student | Project Title | Year |

| 1. | Fahad Akram Saeed | | 2012/11/21 |
|---|-----------------------------------|--|-------------|
| 2. | Omer Hamid Abdullah Salih Albasry | Shear Strength of Concrete Using Recycled Coarse Aggregate | 2023/4/30 |
| 3. | Ibrahim Fawaaz Mohammed | Effect of Utilization of Epoxy Latexes on Properties of Cementitious Mortar Exposed to Chemical Attack | 2023/9/12 |
| 4. | Zina Arkan Sharif | | 2023/11/29 |
| 5. | Arqam Bashar Younis Kashmula | | 2024/2/27 |
| 6. | Mohammed Saad Fadel Ali | | 2024/ 3/ 3 |
| 7. | Mohammed Hamed Ahmed | | 2024/3/19 |
| 8. | Maysam Salah Fathy | Experimental behavior of self-compacting concrete (SCC) using different recycled materials and hybrid fibers | 2024/ 3/ 24 |
| 9. | Duaa Mohammed Abdul Sultan | Evaluation the Applicability of several types of Gypsum-blends for Restoring of building. | 2024/8/8 |
| Postgraduate Students Discussion (PhD) | | | |
| No. | Name of The Student | Project Title | Year |
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Consulting Services

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Scientific Activities

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Administrative Positions

| No. | Administrative Position Name | Workplace | Time period |
|-----|---|--|-------------|
| 1. | Director of the Scientific Affairs Division | University of Mosul - College of Engineering | 2018-2023 |
| 2. | Director of Construction Materials Testing Laboratory | University of Mosul - College of Engineering - Department of Civil Engineering | 2013-2021 |
| 3. | Director of the Unit of Scientific Affairs | University of Mosul - College of Engineering | 2023-Now |

Committees

| No. | Committee name | Time period |
|-----|--|--|
| 1. | Examination committee in the Department of Civil Engineering - College of Engineering - University of Mosul | 2010-2011 2011-2012 2012-2013 2013-2014 2016-2017 2020-2021 2021-2022 2022-2023 |
| 2. | A scientific committee in the Department of Civil Engineering - College of Engineering - University of Mosul | 2013-2014 |
| 3. | Department Council in the Department of Civil Engineering - College of Engineering - University of Mosul | 2017-2018 2021-2022 2022-2023 2023-2024 2024-2025 |

