

Academic Curriculum Vitae

Personal Information



Full Name: FARIS ALI MUSTAFA

PhD. Architecture – Design Studies

AREA OF INTEREST: Architectural Design, Design Studies, Architectural Design Methods, Interior Design, Space Syntax, Building Performance Evaluation, Spatial Analysis, and Vernacular and Architectural Heritage.

Dr Faris Ali Mustafa is a Professor and member of the postgraduate studies committee at the Department of Architecture, College of Engineering, Salahaddin University, Iraqi Kurdistan Region, Erbil. He was Head of the Quality Assurance Committee at the same department from 2011-2013. He is a member of the Commission on Certificate Equivalency in the Ministry of Higher Education and Scientific Research, Kurdistan Region, Erbil, Iraq. He was appointed as a deputy head of the department of architectural engineering, at the same university in 2004-2005. He was also a consultant architect and the founding member of the Nvar Center for Architecture in Erbil City in 2000. A registered architect in the Iraqi Engineers Union (IEU) and Kurdistan Engineers Union (KEU) since 1994. His specialization is architectural design. His researches particularly address building design and its functional efficiency and performance applying space syntax theory and its techniques and methods. His research interests are in Space Syntax, Interior and Architectural Design, Building Performance Evaluation (BPE), Cultural and Architectural Heritage, and Vernacular Architecture.

Personal Details

Name : Faris Ali Mustafa
Date and place of birth: 1970 - Mosul, Iraq.
Religion : Muslim
Addresses : Salahaddin University – Erbil, Iraq
College of Engineering
Department of Architecture
E-Mail : farisyali@yahoo.com, farisyali@gmail.com,
faris.mustafa@su.edu.krd
H.P. : +9647504524659

ACADEMIC QUALIFICATIONS

2011: awarded PhD. in Architecture - Architectural Design, from the University of Science Malaysia, Universiti Sains Malaysia (USM) with distinction.

2002: awarded MSc. in Architecture - Environmental Design with distinction, from Sudan University of Science & Technology, Al-Khartoum, Sudan.

1994: awarded BSc. in Architectural Engineering from Mosul University, Iraq.

EMPLOYMENT EXPERIENCE

2023 – Professor of Architecture, Architectural Department, University of Salahaddin-Erbil, Iraq.

2017 to 2023: Associate professor, Architectural Department, University of Salahaddin-Erbil, Iraq.

2011 to 2017: Senior Lecturer, Architectural Department, University of Salahaddin-Erbil, Iraq.

2003 – 2011: Assistant lecturer, Architectural Department, University of Salahaddin - Erbil.

1995-2003: Teaching Assistant, Architectural Department, University of Salahaddin - Erbil.

PROFESSIONAL QUALIFICATION/MEMBERSHIP/AFFILIATION

1994 to date: Member of Kurdistan Engineers Union.

1994 to date: Member of Iraqi Engineers Union.

1995 to date: Member of Kurdistan Teachers Union.

TRAINING COURSES

2003: Course in teaching ways and its facilities, College of Education, University of Salahaddin, Erbil, Iraq.

2006: Diploma in NLP (Neuro Linguistic Programming) from a Canadian training center.

2007: Smart Community Project (SCP) workshop, UN-Habitat, Amman, Jordan, 11- 12 March.

Researches & Publications

i. Peer-reviewed Journal Publications:

Hammadamin, AB, Nordin, J, Mustafa, FA (2024). Interpretation of Space Syntax in Higher Education: A Study of Functional Efficiency in Architecture Schools in Erbil. Sustainability 16 (24), 11237.

Ali, Lana A., Mustafa, Faris A. FA (2024). Fractal Dimensional Analysis of Building Facades: The Case of Office Buildings in Erbil City. Fractal and Fractional 8 (12), 746.

Ali, Lana A., Mustafa, Faris A. FA (2024). Common architectural characteristics of traditional courtyard houses in Erbil city. Ain Shams Engineering Journal 15(11), 103003.

Rashid, Saya J., Mustafa, Faris A., Yaseen, Faten R. (2024). Using the golden ratio in detecting the aesthetics of Mosque facades: The case of contemporary Mosques in Erbil city. Al-Qadisiyah Journal for Engineering Sciences, 17(1):22-28.

Yaseen, Faten R., Mustafa, Faris A., Rashid, Saya J. (2024). Study of the Minaret Location in the Context of Main Styles of Mosques: A Geometric-Thematic Analysis. Eurasian Journal of Science and Engineering, 9(3), pp.180-200.

Mustafa, Faris A. (2023). Adaptive Reuse of Historical Buildings Using ARP Model: The Case of Qishla Castle in Koya City. SAGE Open, 13(3), 1-20.

- Ali, Lana A., Mustafa, Faris A. (2023). Evaluating the impact of mosque morphology on worshipers' visual comfort: Simulation analysis for daylighting performance. *Ain Shams Engineering Journal* 15(2),
- Ali, Lana A., Mustafa, Faris A. (2023). Mosque Typo-Morphological Classification for Pattern Recognition Using Shape Grammar Theory and Graph-Based Techniques. *Buildings*, 13(3), 741; <https://doi.org/10.3390/buildings13030741>
- Ali, Lana A., Mustafa, Faris A. (2023). Mosque Morphological Analysis: The Impact of Indoor Spatial–Volumetric Visibility on Worshipers' Visual Comfort. *Sustainability*, 15(13), 10376.
- Azeez, Sweyda A., Mustafa, Faris A., Ahmed, Rizgar M.(2023).The Role of the Active Design Approach in Improving the Environmental Psychology of a Healthy Built Environment: The Case of a University Campus. *Buildings*, 13(8):1999. <https://doi.org/10.3390/buildings13081999>
- Azeez, Sweyda A., Mustafa, Faris A. (2023). A Meta-Analysis of Evidence Synthesis for a Healthy Campus Built Environment by Adopting Active Design Approaches to Promote Physical Activity. *Buildings*, 13(5), 1224.
- Sabir, Bushra M., Mustafa, Faris A., (2023). Performance-based building design: impact of emergency department layout on its functional performance efficiency - the case of Erbil hospitals. <https://doi.org/10.1108/OHI-10-2022-0269>
- Ali, Lana A., Mustafa, Faris A. (2023). The state-of-the-art knowledge, techniques, and simulation programs for quantifying human visual comfort in mosque buildings: A systematic review. *Ain shams Engineering Journal*, 12 January 2023, [10.1016/j.asej.2023.102128](https://doi.org/10.1016/j.asej.2023.102128)
- Hussein, Ashti Y., Mustafa, Faris A. (2023). A quality learning environment: an assessment of spaciousness of architectural design studios of Iraqi Kurdistan region universities using fuzzy logic. *Open House International*, 49(1), pp. 181-204. <https://doi.org/10.1108/OHI-10-2022-0272>
- Hussein, Ashti Y., Mustafa, Faris A. (2023). Architecture Students Self-Report Wellbeing Assessment Based On Quality Learning Environment in Design Studio. *Cihan University-Erbil Scientific Journal*, 7(1), 21-28. <https://doi.org/10.24086/cuesj.v7n1y2023.pp21-28>
- Salih, Sarah, Ismail, Sumarni, Ujang, Norsidah, Mustafa, Faris A., Ismail, Nor Atiah. (2023). Pocket settings for enhancing social learning experience on campus ground: A verbal-visual preference survey. *Ain shams Engineering Journal*, 10 January 2023, [10.1016/j.asej.2023.102134](https://doi.org/10.1016/j.asej.2023.102134).
- Ali, Janan, S., Mustafa, Faris A., (2023). Active workplace - Association between workplace layout and physical activity among employees: A cross-sectional study. *Al-Qadisiyah Journal for Engineering Sciences*, 16(1). <https://doi.org/10.30772/qjes.v16i1.842>
- Sabir, Bushra M., Mustafa, Faris A., (2023). Performance-based building design: impact of emergency department layout on its functional performance efficiency - the case of Erbil hospitals. *Open House International*, 48(4), pp. 840-862. <https://doi.org/10.1108/OHI-10-2022-0269>
- Sabir, Bushra M., Mustafa, Faris A. (2022). Performance-Based Building Design: Evaluation of Functional Performance of the Emergency Department in Erbil City Hospitals using Patient Feedback. *Al-Qadisiyah Journal for Engineering Sciences*, 15(4), pp. 258-264.
- Mustafa, Faris A., Ahmed, Shayan S., (2022). The role of waiting area typology in limiting the spread of COVID-19: Outpatient clinics of Erbil hospitals as a case study. *Indoor and Built Environment*. <https://doi.org/10.1177/1420326X221079616>

- Omar, Mazin J., Ismaeel, Emad H., Mustafa, Faris A. (2022). Long-term expansion plan of intermediate cities using GIS: The case of Sinjar city, Iraq. *International Journal of Sustainable Development and Planning*, 17(3). Pp. 863-873.
- Mustafa, Faris A., Ali, Janan, S., (2022). Active Design: Architectural Interventions for Improving Occupational Health Through Reducing Sedentary Behavior - A Systematic Review. *American Journal of Health Promotion*, 37(1):93-102. <https://doi.org/10.1177/08901171221111108>
- Yaseen, Faten R., Mustafa, Faris A., (2022). Visibility of nature-connectedness in school buildings: An analytical study using biophilic parameters, space syntax, and space/nature syntax. *Ain Shams Engineering*, 14(5). <https://doi.org/10.1016/j.asej.2022.101973>.
- Mustafa, Faris, A., Azeez, Sweyda, A. (2022). Role of office layout typology in saving time and distance spent by users: Case of office buildings in Erbil city. *Ain Shams Engineering Journal*, 13(5), September 2022, 101742.
- Rafeeq, Dalia A. Mustafa, Faris A., (2021). Evidence-based design: The role of inpatient typology in creating healing environment, hospitals in Erbil city as a case study. *Ain Shams Engineering Journal*, 12(1), pp. 1073-1087.
- Mustafa, Faris A., Danoon, Maysa G. (2020). Effect of Common Outdoor Spaces on Social Interaction: The Case of College of Engineering Campus at Salahaddin University – Erbil, Iraq. *Journal of University of Babylon for Engineering Sciences*, 28(1), pp. 229-238.
- Nadhim, Mohammed M., Mustafa, Faris A., Ali, Husein A. (2019). Impact of Building Typology on Daylight Optimization Using Building Information Modeling: Apartments in Erbil City as a Case Study. *Journal of Daylighting*, 6(2), pp. 187-201.
- Mustafa, Faris A., Rafeeq, Dalia A. (2019). Assessment of elementary school buildings in Erbil city using space syntax analysis and school teachers' feedback. *Alexandria Engineering Journal*, 58(3), pp. 1039-1052.
- Mustafa, Faris A., Radwan, Fatin Y. (2019). Towards the Application of Biophilic Parameters in Local Buildings: a Case Study of Bilkent School, Erbil City- Iraq. *International Journal of Technology*, 10(2), pp. 363-375.
- Mustafa, Faris A., Ismael, Zhiman K. (2019). A Typological Study of the Historical Mosques in Erbil City. *Sulaimani Journal for Engineering Sciences*, 6(3), pp. 11-28.
- Hammad Amin, Abdulqadir B., Mustafa, Faris A., Swar, Sardar (2019). School Design Daylighting Analysis: A study of Foundation Schools in Erbil Governorate. *Sulaimani Journal for Engineering Sciences*, 6(2), pp. 21-34.
- Mustafa, Faris A., Rashid, Saya J. (2019). Studying the Human Scale and Proportionality of Mosque Buildings: Some Selected Case Studies in Erbil City. *Journal of Islamic Architecture*, 5(3), pp. 129-136.
- Haykal, Hamid T., Mustafa, Faris A., Abdulrahman, Nasmil. S. (2018). The impact of land potential on urban transformations as measured by performed activities in residential neighborhoods of Erbil city. *Sulaimani Journal for Engineering Sciences*, 5(1), 52-73.
- Mustafa, Faris A. (2017). Performance assessment of buildings via post-occupancy evaluation: A case study of the building of the architecture and software engineering departments in Salahaddin University-Erbil, Iraq. *Journal of Frontiers of Architectural Research*, 6(3), pp. 412-429. -
- Almumar, M.M.S., Mustafa, Faris A. (2016). Assessing the Optimum Proportion of Outdoor Spaces of Educational Sites, College of Engineering in Erbil City as a Case Study, *Sulaimani Journal for Engineering Sciences*, 3(3), 37-50.

- Al-Juboori, Udai Ali, Mustafa, Faris A. (2014). Assessing the Efficiency of Functional Performance of Shopping Malls in the Kingdom of Bahrain. *International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies*, 5(3), pp. 143-165.
- Mustafa, Faris A., Sanusi, Ahmad H. (2013). Mosque layout design: An analytical study of mosque layouts in the early Ottoman period. *Journal of Frontiers of Architectural Research*, 2 (4), pp. 445-456.
- Mustafa, Faris A., Sanusi, Ahmad H. & Baper, Salahaddin Y. (2010). Using Space Syntax Analysis in Detecting Privacy: A Comparative Study of Traditional and Modern House Layouts in Erbil City, Iraq. Canadian Center of Science and Education, *Asian Social Science*, 6 (8), pp. 157-166, ISSN: 1911-2017 (Print), ISSN: 1911-2025.
- Mustafa, Faris A. & Sanusi, Ahmad H. (2010). Spatial-Functional analysis of Kurdish Courtyard Houses in Erbil City, Iraq. Science Publications, *American Journal of Engineering and Applied Sciences*, 3 (3), pp. 560-568, ISSN: 1941-7020.

ii. Chapter in Book:

- Mustafa, Faris A. (2013). Spatial Configuration and Functional Efficiency of the Mosque Layout Design. Chapter 3, In: From Anatolia to Bosnia Perspectives on Pendentive Dome Mosque Architecture, Ed: *Sanusi, Ahmad H. & Spahic Omer*, USM Press, Penang, Malaysia, ISBN: 978-983-861-571-6.

iii. Proceedings of International Conferences:

- Mustafa, Faris A. & Ismael, Zhiman, K. (2018). A Typological Study of the Historical Mosques in Erbil City. *Proceedings of the 1st International Conference on the Development of Architecture: TOWARD A NEW LOCAL ARCHITECTURE*, November 14-15, University of Sulaimani, Sulaimani, Kurdistan Region, Iraq.
- Hammad Amin, Abdulqadir B., Mustafa, Faris A., Ziwar, Sardar S. (2018). School Design Daylighting Analysis A Study of Foundation Schools in Erbil Governorate. *Proceedings of the 1st International Conference on the Development of Architecture: TOWARD A NEW LOCAL ARCHITECTURE*, University of Sulaimani, Sulaimani, Kurdistan Region, Iraq.
- Mustafa, Faris A. & Sanusi, Ahmad H. (2010). Using Space Syntax Analysis in Detecting Level of Functional Efficiency: A Comparative Study of Traditional and Modern House Layouts in Erbil City, Iraq. *Proceedings of the 2nd International Seminar on Tropical ECO-Settlements: Green Infrastructure: A Strategy to Sustain Urban Settlements*, November 3-5, Bali, Indonesia.
- Baper, Salahaddin Y., Sanusi, Ahmad H., Mustafa, Faris A. & Ismail, Susan T. (2010). A Theoretical Study on Modernity and Transformation in Architecture. *Proceedings of the 14th IPHS Conference of Urban Transformation: Controversies, Contrasts and Challenges*, 12-15 July, Istanbul, Turkey, Volume 2, p. 197, ISBN: 978-975-561-375-8 (tk), ISBN: 978-975-561-378-9 (c.2).
- Mustafa, Faris A., Sanusi, Ahmad H. (2010). Spatial-Functional Analysis of Kurdish Courtyard Houses in Erbil City, Iraq. *Proceedings of the 1st International Conference on Sustainable Architecture and Urban Design (ICSAUD 2010)*, 3-4 March, Penang Island, Malaysia, pp. 136-150, ISBN: 978-967-5417-67-2.

TEACHING EXPERIENCE – Salahaddin University - Erbil

- 1995 to 2002 – A teaching assistant at the Department of Architecture, College of Engineering, Salahaddin University-Erbil, in different subjects such as:
 1. Architectural design (1st, 2nd, 3rd, and 4th stages).
 2. Architectural Drawing-Graphics (1st stage).
 3. Perspective-shade & shadow (2nd stage).
 4. Freehand drawing (1st & 2nd stages).
 5. Working drawing (3rd stage).
 6. Landscape design (4th stage).
 7. Interior design (4th stage).

- 2002 to 2008 – Assistant lecturer at the same department, teaching the following subjects:
 1. Architectural design (1st, 2nd, and 3rd stages).
 2. Architectural Drawing-Graphics (1st stage).
 3. Freehand drawing (1st & 2nd stages).
 4. History of architecture (2nd stage).
 5. Architecture & Environment (4th stage).
 6. Environment Seminar (5th stage).
 7. Architectural thesis (5th stage).
- 2011 to 2017– Senior Lecturer at the same department, teaching the following subjects:
 1. Architectural Thesis (5th stage students), supervised more than 100 students.
 2. Architectural Design (5th stage students).
 3. Vernacular Architecture (5th stage students).
 4. Design Methods (2nd stage students).
- 2013 to the present – teaching postgraduate students (MSc. and PhD), courses in Research Methodologies, Evidence-Based Design, and Design Studies, beside supervision.
- 2017 to 2023 –Associate Professor, teaching postgraduate students (MSc. & PhD), courses in Design Studies, and Research Methodology besides supervision.
- 2023 to present – Professor of Architecture, Design Studies.
- Supervised 2 PhD students (graduated).
- Supervised 7 MSc students (graduated).
- Supervision of 3 MSc students (ongoing).

TEACHING EXPERIENCE – Tishk International University, Erbil

- 2016 to 2018 – Working part-time at the Architecture Department, Tishk International University – Erbil, Teaching the subject of Architectural Design for the 4th grade.

Committees

- 2018 to 2022 – A member of the Scientific Promotions Committee in the College of Engineering, Salahaddin University – Erbil, Iraq.
- 2013 to the present – A member of the Commission on Certificate Equivalency in the Ministry of Higher Education and Scientific Research, Kurdistan Region, Erbil, Iraq.
- 2011 to the present – A member of the postgraduate studies and scientific affairs commissions in the Architectural Engineering Department, College of Engineering, Salahaddin University - Erbil, Kurdistan Region, Erbil, Iraq.
- 2015 to the present – A member of the curriculum commission in the architectural engineering department, college of engineering, Salahaddin University - Erbil, Kurdistan Region, Erbil, Iraq.
- 2011 to 2013 – Head of the quality assurance committee at the Department of Architecture, College of Engineering, Salahaddin University – Erbil, Kurdistan Region, Erbil, Iraq.

Postgraduate Examination and Discussion Committees

- 2011- to present – Supervisor, head, and membership of examination and discussion committees for more than 40 Architecture PhD and MSc students in several universities such as Salahaddin University-Erbil, Sulaimani University, Duhok University, and Mosul University.

Editorial, Scientific Member, and Reviewer in International Journals

Editorial Member, Scientific Member, and Reviewer in several ISI, Scopus, and International Journals such as:

- Journal of Islamic Architecture (Editorial Board)
<https://ejournal.uin-malang.ac.id/index.php/JIA>
- Al-Qadisiyah Journal for Engineering Sciences (Editorial Board)
<https://qjes.qu.edu.iq/>
- ZANCO Journal of Pure and Applied Sciences (ZJPAS) (Editorial Board)

- <https://zancojournal.su.edu.krd/index.php/JPAS/about>
- Athens Journal of Architecture
<https://www.athensjournals.gr/aja/ajarb>
- Frontiers of Architectural Research
<http://www.keaipublishing.com/en/journals/frontiers-of-architectural-research/>
- HERD: Health Environments Research & Design Journal
<https://journals.sagepub.com/home/her>
- Journal of Building Engineering
<https://www.journals.elsevier.com/journal-of-building-engineering>
- International Journal of Technology
<http://ijtech.eng.ui.ac.id/>
- Environmental Monitoring and Assessment
<https://www.springer.com/environment/monitoring+-+environmental+analysis/journal/10661>
- Journal of Building Performance
<http://spaj.ukm.my/jsb/index.php/jbp/>
- Journal of Asian Architecture and Building Engineering
<https://www.tandfonline.com/toc/tabe20/current>
- Indoor and Built Environment
<https://journals.sagepub.com/home/IBE>
- Open House International
<https://www.emeraldgroupublishing.com/journal/ohi>
- Alexandria Engineering Journal
<https://www.sciencedirect.com/journal/alexandria-engineering-journal>
- Ain Shams Engineering Journal
<https://www.sciencedirect.com/journal/ain-shams-engineering-journal>

M.Sc. Thesis Title:

“The effect of urban fabric on thermal comfort in residential buildings: Erbil city as a case study”
From: College of Post Graduates, Sudan University for Science & Technology,
Al-Khartoum, Sudan. 2002.

PhD Thesis Title:

“Impact of spatial configuration on functional efficiency of house layouts in Erbil city, Iraq from 1900 – 2010”
From: School of Housing, Building, and Planning (HBP), Universiti Sains Malaysia (USM), Penang, Malaysia.
2011.

https://www.lappublishing.com/catalog/search?page=1&search_query=Spatial+Configuration+And+Functional+Efficiency

Languages:

- English all skills.
- Arabic all skills.
- Kurdish all skills.

Related links

Salahaddin University – Erbil

Staff Member:

<https://academics.su.edu.krd/faris.mustafa1>

Research-Gate:

https://www.researchgate.net/profile/Faris_Mustafa/contributions?ev=prf_act

Google Scholar:

https://scholar.google.com.my/citations?hl=en&user=HpRVbLAAAAAJ&view_op=list_works&sortby=pubdate

Academia:

<http://suh-edu.academia.edu/FARISMUSTAFA>

Linkedin:

<https://www.linkedin.com/in/dr-faris-a-mzoori-741a1438/>

Publons:

<https://www.webofscience.com/wos/author/record/1701674>

ORCID:

<https://orcid.org/0000-0002-7020-3626>

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=56885833400>

Facebook:

<https://www.facebook.com/farisyali>

Web of Science Researcher ID: ABG-8750-2021

ARID منصّة:

<https://portal.arid.my/15324/ApplicationUsers/GetProfile/0006-3342>

AD Scientific Index 2023

<https://www.adscientificindex.com/scientist/faris-ali-mustafa/4346075>