

Ibrahim M. H. AL-Shaikh (Assistant Professor in Structural Engineering)



- **Name:** Ibrahim Mohammed Hasan Alshaikh.
- **Marital Status :** Married.
- **Google Scholar ID:** Ibrahim M. H. AL-Shaikh
- **E-mail:** ibrahimalshaikh86@gmail.com
- **Address:** Department of Civil Engineering, University of Science and Technology, Sana'a - Yemen.
- **Place & Date of Birth:** Kuwait, July 25, 1986.
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- **h-Index:** 17 ▪ **Total Citation:** 1017

Academic Qualifications

- | | |
|-------------|---|
| 2017 - 2020 | Ph.D. in Structural Engineering. Ph.D., thesis entitled "Progressive Collapse Behavior of Rubberized Steel Fiber Concrete Frame", Universiti Sains Malaysia (USM), Penang, Malaysia. |
| 2012 - 2015 | M.Sc. in Civil Engineering. M.Sc., thesis entitled "Progressive Collapse of a Reinforced Concrete Frame Structure with Infill Walls", Excellent 2015, University of Science and Technology (UST), Yemen. |
| 2004 - 2008 | B.Sc. in Civil Engineering, (Hons.), with an average of 'Very Good', University of Science and Technology (UST), Yemen. |

Professional Experiences

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|-------------------|--|
| 8/2025 - present | Dean of Postgraduate Studies & Scientific Research , University of Science and Technology, Sana'a, Yemen. |
| 11/2020 - present | Assistant Professor (full-time) , University of Science and Technology, Sana'a, Yemen. <ul style="list-style-type: none">• Delivering B.Sc. lectures.• Publishing academic articles.• Preparing course materials.• Serving in departmental activities.• Mentoring students. |
| 10/2020 - 10/2024 | Assistant Professor (part-time) , Sana'a University, Yemen. <ul style="list-style-type: none">• Delivering M.Sc. lectures.• Preparing course materials. |
| 1/2015 - 6/2024 | Vice-head of Civil Engineering Department , at the University of Science and Technology, Sana'a, Yemen. <ul style="list-style-type: none">• Administrative duties include leadership, policy implementation, budget management, academic oversight, research coordination, quality assurance, fostering faculty professional development, and continuous improvement. |
| 9/2010 - 9/2016 | Coordinator of Quality Assurance , Civil Engineering Department, at the University of Science and Technology, Sana'a, Yemen. <ul style="list-style-type: none">• Ensure that the civil engineering program meets high standards by developing curriculum, adhering to accreditation standards, implementing quality assurance systems, analyzing data, keeping accurate records, and reporting. |
| 11/2008 - 10/2020 | Teaching assistant and assistant lecturer , University of Science and Technology, Sana'a, Yemen. <ul style="list-style-type: none">• Delivering practical and tutorial sessions• Preparing and marking mid-term/final exams.• Preparing course materials.• Serving in departmental activities. |
| 6/2008 - present | Structural Designer , Sana'a, Yemen. <ul style="list-style-type: none">• Designing and developing plans with detailed drawings, using software for design and analysis, reviewing shop drawings, overseeing construction projects, conducting site visits, interpreting engineers' calculations, and ensuring compliance with building codes and safety regulations. |

Research Interests

- Progressive Collapse of RC/Steel Structure.
- Strengthening and Rehabilitation of Structures.
- Numerical Analysis of RC/Steel Structure.
- Using Innovative Materials in Construction.

Languages

Arabic Mother Tongue.

English Very good in reading, writing, listening, and speaking.

Career History

7/2025 - present Participated in the team that prepared a **self-assessment study** of the department of civil engineering at the UST-Sana'a, adhering to the standards and parameters of the **ABET**.

9/2021 - 3/2024 Participated in the team, which prepared a **self-assessment study** for the department of **civil engineering** at the UST-Sana'a, according to the standards and parameters of the Council for Academic Accreditation and Quality Assurance of Higher Education in Yemen.

6/2021 - 3/2023 Prepared the **Course Specification Document** of many courses at the University of Science and Technology-Sana'a and Sana'a University, Yemen.

No.	Course Name	Level	Date
1.	Reinforced Concrete (1,2, and 3)	B.Sc.	3/2023
2.	Advanced Computer Applications in Structural Engineering	M.Sc.	6/2022
3.	Plates and Shells	M.Sc.	5/2022
4.	Computer Applications in Structural Engineering	M.Sc.	6/2021

10/2014 - 4/2023 Participated in the preparation team for the **Program Specification (PSD)** of many academic programs at the University of Science and Technology-Sana'a and Sana'a University, Yemen.

No.	Academic Program	Level	Date
1.	Civil Engineering - UST University	B.Sc.	4/2023
2.	Structural Engineering - Sana'a University	M.Sc.	6/2021
3.	Structural Engineering - UST University	M.Sc.	5/2021
4.	Petroleum Engineering - UST University	B.Sc.	9/2020
5.	Civil Engineering - UST University	B.Sc.	10/2014

1/2010 - 5/2010 Member of the **Review Committee for Structural Design of Some Building of the University of Amran** (Head Office, Medical Faculty, Students Affairs, Library, Guest House, and Mosque), Amran, Yemen.

8/2008 - present **Structural design** - (Many RC buildings have been designed and revised).

Courses Taught at University Level

- Engineering Drawing-B.Sc.
- Descriptive Geometry-B.Sc.
- Architectural Drawing for Civil Eng. Students-B.Sc.
- Computer Applications in Civil Eng. (AutoCAD)-B.Sc.
- Computer Applications Specialist (ETABS)-B.Sc.
- Advanced Computer Applications (ABAQUS)-M.Sc.
- Civil Engineering Drawing-B.Sc.
- Engineering Mechanics (Statics & Dynamics)-B.Sc.
- Theory of Structures-B.Sc.
- Design of RC Structures (RC1 & 2 & 3)-B.Sc.
- Supervisor of Final Year Projects-B.Sc.
- Supervisor of Master's Thesis- M.Sc.

Technical Skills & Proficiency

- Proficiency in various research methodologies (e.g., experimental, theoretical, computational).
- Skill in laboratory equipment and procedures.
- The ability to effectively conduct research in teams and collaborate with colleagues from various related fields.
- Familiarity with academic research software and tools [e.g., Reference Management Tools (EndNote and Mendeley), Academic search engines (Google Scholar and Scopus), Journal selection tools, Turnitin, FE software, and Video conferencing software].
- Expertise in data analysis techniques using statistical software (e.g., SPSS).
- Ability to write successful research and grant proposals.
- Expertise in finite element program (ABAQUS).
- Expertise in drawing software such as AutoCAD (2D and 3D).
- Expertise in the structural analysis and design programs such as STAAD Pro., ETABS, and ROBOT Structural Analysis.
- Expertise in the AutoCAD structural detailing.
- Expertise in Microsoft office software (Word, Excel, and PowerPoint).

Publications & Books

i. [Journal Publications](#)

1. Altheeb, A., **Alshaikh, I.M.**, Abadel, A.A., Nehdi, M.L. and Abu Bakar, B.H., **2025**. "Investigation of 3D steel frames with a reduced beam section and various web-opening shapes under internal column loss". *Journal of Asian Architecture and Building Engineering*, pp.1-24. *ISI Indexed Journals, Q3*.
2. Aberkane, A., Bendaikha, H., Benzidane, R., Jouenne, J.B., **Alshaikh, I.M.**, Belaadi, A. and Ghernaout, D., **2025**. "Mechanical, Thermal, and Morphological Properties of Recycled PP and HDPE Green Composites Reinforced with Atriplex halimus Fibers". *Journal of Natural Fibers*, 22(1), p.2507157. *ISI Indexed Journals, Q1*.
3. Bao, C., Wang, H., Long, H., **Alshaikh, I.M.**, Al-Gaboby, Z. and Ma, X., **2025**. "Study on progressive collapse mechanism of RC frame structures corroded by chloride". *Case Studies in Construction Materials*, 22, p.e04472. *ISI Indexed Journals, Q1*.
4. Bao, C., Long, H., Ma, X., **Alshaikh, I.M.**, Al-Mekhlafi, G., Peng, L. and Wang, H., **2025**. "Experimental study on progressive collapse resistance of corroded RC continuous deep flexural members". *Engineering Failure Analysis*, 175, p.109543. *ISI Indexed Journals, Q1*.
5. Mebarkia, R., Bouzeroura, M., Boumaaza, M., Chelouah, N., Belaadi, A., **Alshaikh, I.M.**, Chetbani, Y. and Ghernaout, D., **2025**. "Upcycling Cement Kiln Dust for Manufacturing clay bricks Fired at Different Temperatures: RSM and ANN-GA hybrid-optimization". *Results in Engineering*, p.105683. *ISI Indexed Journals, Q1*.

6. Sahraoui, M., Laouissi, A., Karmi, Y., Hammoudi, A., Hani, M., Chetbani, Y., Belaadi, A., **Alshaikh, I.M.** and Ghernaout, D., 2025. "AI-Driven predicting and optimizing lignocellulosic sisal fiber-reinforced lightweight foamed concrete: A machine learning and metaheuristic approach for sustainable construction". *Results in Engineering*, 26, p.105561. *ISI Indexed Journals, Q1*.
7. Khelifi, A., Boumaaza, M., Belaadi, A., Bouchak, M., Djedid, T., **Alshaikh, I.M.** and Ghernaout, D., 2025. "RSM approach-based analysis of the physical behavior of dune sand reinforced with Washingtonia waste contributing to mortar cleaner production". *Case Studies in Construction Materials*, p.e04335. *ISI Indexed Journals, Q1*.
8. Mezaouri, S., Mamoune, S.M.A., Siad, H., Lachemi, M., Boumaaza, M., Belaadi, A., **Alshaikh, I.M.**, Ghernaout, D., Chetbani, Y. and Laouissi, A., 2025. "Prediction of cementitious composite characteristics based on waste glass powder and aggregates: Experimental and statistical analysis". *Measurement*, p.117609. *ISI Indexed Journals, Q1*.
9. Arslane, M., Slamani, M., Elhadi, A., Amroune, S., Belaadi, A., **Alshaikh, I.M.** and Ghernaout, D., 2025. "Optimization of Drilling Parameters in Natural Fibers Composite Plates Based on Grey Relational Analysis". *Journal of Natural Fibers*, 22(1), p.2445554. *ISI Indexed Journals, Q1*.
10. Hadou, A., Belaadi, A., Boumaaza, M., Chai, B.X., Abdullah, M.M., **Alshaikh, I.M.**, Al-Khawlani, A. and Ghernaout, D., 2025. "The Impact of Test Number on the Mechanical Properties of Dracaena Draco Cellulose Fibers for Composite Structures: Weibull Statistic". *Journal of Natural Fibers*, 22(1), p.2442681. *ISI Indexed Journals, Q1*.
11. Wang, H., Bao, C., Ma, X., **Alshaikh, I.M.**, Al-Gaboby, Z. and Cao, J., 2025. "Improved BPNN models based on different algorithms to predict the flexural capacity of corroded RC beams". In *Structures* (Vol. 71, p. 107955). Elsevier. *ISI Indexed Journals, Q1*.
12. Abdellatif, H.E., Belaadi, A., Arshad, A., Chai, B.X., **Alshaikh, I.M.** and Ghernaout, D., 2025. "Advancing thermal energy storage: Unravelling the optimal orientation of annular phase change material containers within the tank". *Case Studies in Thermal Engineering*, 68, p.105931. *ISI Indexed Journals, Q1*.
13. Chetbani, Y., Boumaaza, M., Zaitri, R., Belaadi, A., Mohammed, A.B., Laouissi, A., **Alshaikh, I.M.** and Ghernaout, D., 2025. "Study of the Effect of Hemp Fibers and Brick Waste Powder on the Mechanical Characteristics of Mortar: Experimental and Statistical Analysis". *Journal of Natural Fibers*, 22(1), p.2438900. *ISI Indexed Journals, Q1*.
14. Zitouni, K., Boumaaza, M., Aidaoui, L., Lasbet, Y., EddineAbdellatif, H., Khan, S.A., Chetbani, Y., Belaadi, A., **Alshaikh, I.M.** and Ghernaout, D., 2025. "Numerical assessment of heat transfer and entropy generation of a mixed convection ferrofluid flow under the effect of a non-uniform magnetic field". *Case Studies in Thermal Engineering*, p.105788. *ISI Indexed Journals, Q1*.
15. Atoui, S., Belaadi, A., Boumaaza, M., **Alshaikh, I.M.** and Ghernaout, D., 2024. "Weibull Statistics and ANOVA Analysis of the Tensile Mechanical Characteristics of Chamaerops humilis Cellulose Fibers and Sustainable Twisted Yarns". *Journal of Natural Fibers*, 21(1), p.2431677. *ISI Indexed Journals, Q1*.
16. Saada, K., Amroune, S., Belaadi, A., Zaoui, M., **Alshaikh, I.M.** and Ghernaout, D., 2024. "Enhancing the Mechanical Characteristics of Eco-Friendly Composite Materials: Taguchi and RSM Optimization". *Journal of Natural Fibers*, 21(1), p.2427704. *ISI Indexed Journals, Q1*.
17. Hadou, A., Belaadi, A., **Alshaikh, I.M.** and Ghernaout, D., 2024. "Pyrolysis features of Dracaena draco lignocellulosic fibers: Kinetic and thermodynamic analysis at various heating rates through coats-redfern method." *Case Studies in Thermal Engineering*, 64, p.105406. *ISI Indexed Journals, Q1*.
18. **Alshaikh, I.M.**, Abadel, A.A., Nehdi, M.L. and Hamoda, A., 2024. "Impact of balcony geometry on the performance of rubberized concrete structures against progressive collapse". *Multidiscipline Modeling in Materials and Structures*, 20(5), pp.839-868. *ISI Indexed Journals, Q3*.

19. Bouyaya, L., Belaadi, A., Boumaaza, M., Lekrine, A., Chai, B.X., Chetbani, Y., Abdullah, M.M., Ghernaout, D. and **Alshaikh, I.M.**, 2024. "Chemical Processing Effect on the Tensile Strength of Waste Palm Fiber-Reinforced HDPE Biocomposite: Optimizing Using Response Surface Methodology". *Journal of Natural Fibers*, 21(1), p.2421810. *ISI Indexed Journals, Q1*.
20. **Alshaikh, I.M.**, Nehdi, M.L. Abadel, A.A., 2024. " Numerical investigations on progressive collapse of rubberized concrete frames strengthened by CFRP sheets". *Structures*, 60, 105918. *ISI Indexed Journals, Q2*.
21. Teyar, S., Gheribi, H., Boumaaza, M., Belaadi, A., Chai, B.X., Abdullah, M.M., **Alshaikh, I.M.**, Al-Khawlani, A. and Ghernaout, D., 2024. "Analyzing the Strelitzia Juncea Cellulosic Fibers Mechanical Properties' Experimental Data Using Various Statistical Methods". *Journal of Natural Fibers*, 21(1), p.2394142. *ISI Indexed Journals, Q1*.
22. Fnides, M., Amroune, S., Belaadi, A., Saada, K., Chai, B.X., Abdullah, M.M., **Alshaikh, I.M.**, Ghernaout, D. and Al-Khawlani, A., 2024. "Modeling and Optimizing the Alkaline Treatment Process to Enhance the Date Palm Fibers' Tensile Mechanical Properties Using RSM". *Journal of Natural Fibers*, 21(1), p.2384663. *ISI Indexed Journals, Q1*.
23. **Alshaikh, I.M.**, Abadel, A.A., Tuladhar, R., Alwathaf, A.H., Nehdi, M.L., 2023. "Progressive collapse resistance of post-fire cellular beam-column substructures with various web-opening shapes". *Structures*, 55, pp. 1874–1893. *ISI Indexed Journals, Q2*.
24. Abadel, A.A., Abbas, H., **Alshaikh, I.M.**, Tuladhar, R., Altheeb, A. and Alamri, M., 2023. "Experimental Study on the Effects of External Strengthening and Elevated Temperature on the Shear Behavior of Ultra-High-Performance Fiber-Reinforced Concrete Deep Beams". *Structures*, 49, pp. 943–957. *ISI Indexed Journals, Q2*.
25. **Alshaikh, I.M.**, Abadel, A.A., Sennah, K., Nehdi, M.L., Tuladhar, R. and Alamri, M., 2022. "Progressive Collapse Resistance of RC Beam–Slab Substructures Made with Rubberized Concrete". *Buildings*, 12 (10), p.1724. *ISI Indexed Journals, Q1*.
26. Wasim, M., Abadel, A., Bakar, B.H.A. and **Alshaikh, I.M.**, 2022. "Future Directions for the Application of Zero Carbon Concrete in Civil Engineering-A Review". *Case Studies in Construction Materials*, p.e01318. *ISI Indexed Journals, Q1*.
27. **Alshaikh, I.M.** and Zeyad, A., 2022. "Reliability of the tests' results of Schmidt Hammer and core cutting for assessing actual compressive strength of concrete". *Journal of Building Pathology and Rehabilitation*, 7(1), pp.1-10. *Scopus Indexed Journals*.
28. **Alshaikh, I.M.**, Bakar, B.A., Alwesabi, E.A., Abadel, A.A., Alghamdi, H., and Tuladhar, R., 2022. " Progressive collapse behavior of steel fiber-reinforced rubberized concrete frames." *Journal of Building Engineering*, 57, p.104920. *ISI Indexed Journals, Q1*.
29. Abdullah, G.M., **Alshaikh, I.M.**, Zeyad, A.M., Magbool, H.M. and Bakar, B.A., 2022. "The Effect of Openings on the Performance of Self-Compacting Concrete with Volcanic Pumice Powder and Different Steel Fibers". *Case Studies in Construction Materials*, 17, p.e01148. *ISI Indexed Journals, Q1*.
30. **Alshaikh, I.M.**, Bakar, B.A., Alwesabi, E.A., Abadel, A.A., Alghamdi, H., and Wasim, M., 2022. "An Experimental Study on Enhancing Progressive Collapse Resistance Using Steel Fiber-Reinforced Concrete Frame". *Journal of Structural Engineering (ASCE)*, 148(7), p.04022087. *ISI Indexed Journals, Q2*.
31. Abadel, A., Abbas, H., Almusallam, T., **Alshaikh, I.M.**, Khawaji, M., Alghamdi, H. and Salah, A.A., 2022. "Experimental Study of Shear Behavior of CFRP Strengthened Ultra-High-Performance Fiber-Reinforced Concrete Deep Beams". *Case Studies in Construction Materials*, 16, p.e01103. *ISI Indexed Journals, Q1*.
32. Altheeb, A., **Alshaikh, I. M.**, Abadel, A., Nehdi, M., & Alghamdi, H., 2022. "Effects of Non-Structural Walls on Mitigating the Risk of Progressive Collapse of RC Structures". *Latin American Journal of Solids and Structures*, Vol. 19(3), pp. 1–18, e440. *ISI Indexed Journals, Q4*.

33. Alwesabi, E.A., Bakar, B.A., **Alshaikh, I.M.**, Abadel, A.A., Alghamdi, H., and Wasim, M., **2022**. "An experimental study of compressive toughness of Steel–Polypropylene hybrid Fibre-Reinforced concrete". *Structures*, *37*, pp. 379–388. *ISI Indexed Journals*, **Q2**.
34. **Alshaikh, I.M.**, Alshaikh, I.M., Abadel, A.A. and Alrubaidi, M., **2022**. "Precast RC structures' progressive collapse resistance: Current knowledge and future requirements". *Structures*, *37*, pp. 338-352. *ISI Indexed Journals*, **Q2**.
35. Al-Gaboby, Z., Al-Wesabi, E.A. and **Al-Shaikh, I.M.**, **2021**. "The Behavior of Joint Between Steel Beam and Concrete-Filled Steel Tube Column Under Fire". *Journal of Science and Technology*, *26(1)*, pp. 21-43, ISSN: 1607-2073.
36. Alwesabi, E.A., Bakar, B.A., **Alshaikh, I.M.**, Zeyad, A.M., Altheeb, A., and Alghamdi, H., **2021**. " Experimental investigation on fracture characteristics of plain and rubberized concrete containing hybrid steel-polypropylene fiber". *Structures*, *33*, pp. 4421-4432. *ISI Indexed Journals*, **Q2**.
37. **Alshaikh, I.M.**, Bakar, B.A., Alwesabi, E.A., Zeyad, A.M., and Magbool, H. M., **2021**. " Finite element analysis and experimental validation of progressive collapse of reinforced rubberized concrete frame". *Structures*, *33*, pp. 2361-2373. *ISI Indexed Journals*, **Q2**.
38. Alwesabi, E.A., Bakar, B.A., **Alshaikh, I.M.**, and Akil, H.M., **2020**. "Impact Resistance of Plain and Rubberized Concrete Containing Steel and Polypropylene Hybrid Fiber". *Materials Today Communications*, *25*, p.101640. *ISI Indexed Journals*, **Q2**.
39. **Alshaikh, I.M.**, Bakar, B.A., Alwesabi, E.A. and Akil, H.M., **2020**. "Experimental investigation of the progressive collapse of reinforced concrete structures: An overview". *Structures*, *25*, pp. 881-900. *ISI Indexed Journals*, **Q2**.
40. Alwesabi, E.A., Bakar, B.A., **Alshaikh, I.M.** and Akil, H.M., **2020**. "Experimental investigation on mechanical properties of plain and rubberised concretes with steel–polypropylene hybrid fibre". *Construction and Building Materials*, *233*, pp.117-194. *ISI Indexed Journals*, **Q1**.
41. **Alshaikh, I.M.**, Bakar, B.A., Alwesabi, E.A. and Akil, H.M., **2019**. "Progressive collapse of reinforced rubberised concrete: Experimental study". *Construction and Building Materials*, *226*, pp.307-316. *ISI Indexed Journals*, **Q1**.
42. A.M. Zeyad, M.A.M. Johari, B.A. Tayeh, **Alshaikh, I.M.**, **2019**. "Influence of Palm Oil Fuel Ash on Properties of High-Strength Green Concrete". *Scientific Journal of King Faisal University (Basic and Applied Sciences)*, *Vol.20 (1)*, pp. 63-72. *Scopus Indexed Journals*.
43. **Ibrahim AL-Shaikh**, Nabil Falah, **2014** "Numerical Analysis of Masonry-Infilled Reinforced Concrete Frames" *Journal of Science and Technology*, *Vol. 19, No. 2*, pp. 21-28, ISSN: 1607-2073.

ii. [Books](#)

1. **Reinforced Concrete Analysis & Design Steps Volume (3)**, Registered in General Authority for Books- *Books House (286/2016)*, published in 10/2016, Sana'a – Yemen.
2. **Reinforced Concrete Analysis & Design Steps Volume (2)**, Registered in General Authority for Books- *Books House (91/2016)*, published in 3/2016, Sana'a – Yemen.
3. **Reinforced Concrete Analysis & Design Steps Volume (1)**, Registered in General Authority for Books- *Books House (492/2014)*, published in 10/2014, Sana'a – Yemen.

Academic Awards

1. Recognized as the top-ranked scientist in Yemen in the field of "civil engineering" in the AD Scientific Index - Scientists Rankings - for **2023, 2024, and 2025**.
2. Universiti Sains Malaysia Award "**Sanggar Sanjung 2022**": Journal Publication Category Paper "An experimental study of compressive toughness of Steel–Polypropylene hybrid Fibre-Reinforced concrete" - Structures Journal; and "Future directions for the application of zero carbon concrete in civil engineering—a review" - Case Studies in Construction Materials Journal.
3. Universiti Sains Malaysia Award **2021**: "**GRADUATE ON TIME**" status for the Ph.D. study.
4. Universiti Sains Malaysia Award "**Sanggar Sanjung 2020**": Journal Publication Category Paper "Experimental investigation on mechanical properties of plain and rubberised concretes with steel-polypropylene hybrid fibre" - Construction and Building Materials Journal.
5. Universiti Sains Malaysia Award "**Sanggar Sanjung 2019**": Journal Publication Category Paper "Progressive collapse of reinforced rubberised concrete: Experimental study" - Construction and Building Materials Journal.
6. University of Science and Technology Honour Certificate in **2008**, for the B.Sc. study.

Reviewing Articles in Academic Journals

- Editorial Board Member for the **Journal of Research on Engineering Structures & Materials (RESM)**; MIM RESEARCH GROUP, **Türkiye**, Scopus Indexed, **2025**. <https://jresm.org/editorial-board/>.
- Editorial Board Member for the **Emerging Technologies and Engineering Journal (ETEJ)**; EngiScience Publisher, **Iraq**, **2025**. <https://engiscience.com/index.php/etej/about/editorialTeam>.
- Editorial Board Member for the **Journal of Emerging Engineering Technologies**, ProBiologists Publisher, **London, UK**, **2025**. <https://www.probiologists.com/journal/Journal-of-Emerging-Engineering-Technologies-editors>.
- Guest Editor of the Special Issue (Modelling Collapse Behaviour and Mechanism of the Structures) in the Journal of Modelling and Simulation in Engineering, ISI Indexed, **2024**. <https://onlinelibrary.wiley.com/doi/toc/10.1155/8203.si.622757>
- Review member for the **8th International Conference on Engineering and Applied Technology (ICEAT 2024)**, Yogyakarta, Indonesia. <https://iceat.ast-ptma.or.id/>
- Review member for the **2nd International Conference on Advanced Civil Engineering and Smart Structures (ACCESS 2023)**, ChengDu, China. <https://www.icaccess.org/ACCESS2023/pages/committee.html>
- Review member for the **1st International Conference on Advanced Civil Engineering and Smart Structures (ACCESS 2022)**, ChengDu, China. <https://www.icaccess.org/ACCESS2023/ACCESS2022/pages/committee.html>
- Reviewed more than "**90**" papers for the following highly reputed international journals:

Publisher	Journals
Elsevier	(i) Journal of Building Engineering; (ii) Engineering Structures; (iii) Construction and Building Materials ;(iv) Structures; (v) Case Studies in Construction Materials; (vi) Cleaner Engineering and Technology; (vii) Diamond and Related Materials; (viii) Next Materials; (ix) Results in Engineering.
Taylor & Francis	(i) Journal of Earthquake Engineering; (ii) Journal of Structural Integrity and Maintenance.
Springer	(i) KSCE Journal of Civil Engineering; (ii) Arabian Journal for Science and Engineering; (iii) Discover Civil Engineering; (iv) Journal of Building Pathology and Rehabilitation; (v) Asian Journal of Civil Engineering
MDPI	(i) Buildings; (ii) Materials; (iii) Applied Sciences; (iv) Sustainability; (v) Polymers.
Sciendo	(i) Materials Science Poland.

Postgraduate Students

No.	Student	Title	Status
1.	Jamal Ahmed Farag	"Improving coupling beams ductility between shear wall in monitory tower structure subjected to horizontal load" M.Sc. (Co-Supervisor) - Sana'a University	In progress
2.	Sulaiman Al-sewri	"Retrofitting and Strengthening of RC Frame by ECFRP and HSC after Progressive Collapse" M.Sc. (Co-Supervisor) - Sana'a University.	In progress

Thesis Examiner

1. M.Sc. (Internal), 2021, Title: Explosion effect on the non-lateral load resistance system of a structure building: numerical study, University of Science and Technology, Sana'a, Yemen.

Professional Affiliations

- Member of Yemeni Engineering Syndicate.
- Member of University of Sciences and Technology Staff Members Syndicate.

References

1. Professor: Badorul H. Abu Bakar.
Universiti Sains Malaysia, Malaysia.
E-mail: cebad@usm.my.
2. Associate Professor: Abdullah M. Zeyad.
Jazan University, Saudi Arabia.
E-mail: azmohsen@jazanu.edu.sa.
3. Associate Professor: Aref A. Abadel.
King Saud University, Saudi Arabia.
E-mail: aabadel@ksu.edu.sa.
4. Associate Professor: Hany Al Ashwal.
United Arab Emirates University, UAE.
E-mail: mailto:halashwal@uaeu.ac.ae
5. Instructor: Mused Al-Ward.
United Arab Emirates University, UAE.
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