Dr. Muwafaq M. Salih

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Contact

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Languages

- Fluent in Kurdish, English, Arabic.
- Basic in Hungarian.

Computer Skills

- Microsoft Office
  (Word, Excel, PowerPoint).

- Software System for Document
  Preparation (LaTeX, Beamer).

- Basic Skills in MATLAB, Python and
  C++

Profile

With over 10 years of experience at international academic institutions, I am a committed senior lecturer skilled in teaching diverse student populations. My strong administrative, communication, and teaching abilities create a stimulating learning environment. As a strategic team builder with a background in training and development, I consistently achieve success in my career as a university teacher and academic researcher.

Skills

- Lecturing
- Time management
- Lesson planning
- Conflict resolution
- Patience
- Empathy
- Subject knowledge
- Leadership skills
- Interpersonal skills
- Presentation skills
- Research skills
- Supervising skills

Education

- **Doctor of Philosophy in Mathematics, University of Debrecen**, Institute of Mathematics, Debrecen, Hungary PhD in Relator Spaces and its applications. (2022)

- **Master of Science in Mathematics, University of Nottingham,** Nottingham, United Kingdom MSc. in Group Theory. (2013)

- **Bachelor of Science in Mathematics Education, Duhok University,** Duhok, Kurdistan Region-Iraq BSc in Group Theory. (2008)

Academic titles attained

- **Lecturer (2017)**, University of Duhok, Duhok, Kurdistan Region – Iraq.

- **Assistant Lecturer (2014)**, University of Duhok, Duhok, Kurdistan Region – Iraq.

- **Assistant Researcher (2008),** University of Duhok, Duhok, Kurdistan Region – Iraq.

Further Qualifications

- Hungarian language Beginner and Elementary courses at the University of Debrecen , Hungary.
- Academic English language course at the University of Nottingham, England, UK.
- General English language course at the Castle College, England, UK.
- English Proficiency Course at Duhok University, Kurdistan Region – Iraq.

Training Courses

- Training course on Methods of Scientific Research at the University of Debrecen, Hungary.
- Training course on Methods of Teaching at the University of Duhok, Kurdistan Region – Iraq.
- Preparation course on Academic Writing in Sciences at the University of Nottingham, England, UK.
- Computer professional certificate from Duhok University, Kurdistan Region – Iraq.

Scholarships, Academic Awards

- Stipendium Hungaricum Scholarship Program (Dissertation Scholarship) 2021 – 2022.
- Stipendium Hungaricum Scholarship Program (PhD Degree) 2017 – 2021.
- HCDP Scholarship from the KRG Ministry of Higher Education (Master Degree) 2011 – 2013.

Professional experiences

- Full-Time Lecturer at **Duhok University. (2013- present).**
- Contract Lecturer at the institute of Mathematics, **the University of Debrecen. (2018 - 2022).**
- Visiting Lecturer at **Nawroz University**. **(2014-2017) .**
- Visiting Lecturer at the **American University of Kurdistan (2016).**
- Supervising BSc Dissertations at **Duhok University**. **(2013- present).**

Further experiences

- Representative of the academic staff in the Council of the College of Basic Education, University of Duhok 2015 – 2017.

Further Academic Activities

- **Head of Mathematics Department**, College of Basic Education at University of Duhok 2023 - Present.
- **Membership in European Mathematical Society** (EMS) 2020 – 2024.
- **Membership in Australian Mathematical Society** (AustMS) 2021 – 2025.
- **Reviews for some international journals**:
  - Journal of Applied Mathematics and Informatics (JAMI).
  - Tatra Mountains Mathematical Publications.
  - International Journal Applied General Topology.
  - Heliyon Journal.
  - The Journal of Prime Research in Mathematics (JPRM-ASSMS-GCU- Lahore).

Publications

- Th. Rassias, M. Salih and Á. Száz, *Characterizations and Set Theoretic Properties of Some Generalized Open and Fat sets in Relator Spaces*, Mathematical Analysis, Optimization, Approximation and Applications, World Scientific, to appear.
- Th. Rassias, M. Salih and Á. Száz, *Set-theoretic properties of generalized topologically open sets in relator spaces*, Mathematical Analysis in Interdisciplinary Research, Springer Optimizations and Its Applications, Springer Nature Switzerland AG. 179 (2022), 661–730.
- Th. M. Rassias, M. Salih and Á. Száz, *Characterizations of generalized topologically open open sets in relator spaces*, Montes Taurus J. Pure Appl. Math. 3 (2021), 39-94.
- M. Salih and Á. Száz, *Generalizations of some ordinary and extreme connectedness properties of topological spaces to relator spaces*, Electron. Res. Arch. 28 (2020), 471-548.
- H. Ibrahim and M. Salih, *New type of Weakly Commutative Group*, published in the Science Journal of University of Zakho, 5 (2017), 228 –231.
- M. Salih and D.Ahmed, *α-Q-Fuzzy Subgroups*, published in Academic Journal of Nawroz University, 6 (2017), 26-31.
- H. Abdullah, D. Ahmed, and M. Salih, *Using Fibonacci number to Matrix Integration*, published in the Journal of Duhok University, 21 (2018), 1-5.

Conferences and Talks

- The 1st Duhok workshop on Pure, Applied, Statistics and Educational Mathematics, University of Duhok. May 15th-16th, 2023. Title of the talk: *On Quasi-Fat and Psedu-Fat sets in Relator Spaces.*
- 4th International Scientific research and Innovation Congress, Istanbul, Turkey 24-25 December 2022. Title of the talk: *Topologically Regular Open Sets In Relator Spaces.*
- 3rd International Siirt Conference on Scientific Researches, Siirt University, Siirt, Turkey, November 18-19, 2022. Title of the talk: *Some Connectedness Properties of Relator Spaces.*
- 2nd International Hazar Scientific Researches Conference, Khazar University, Baku, Azerbaijan, April 10-12, 2021. Title of the talk: *Two Important Operations on Generalized Uniform Spaces.*
- 64th Annual Online Meeting of the Australian Mathematical Society, University of New England, Australia, Dec. 8–11, 2020. Title of the talk: *Minimality Properties of the Family of Pre-Open Sets in Relator Spaces*
- 9th Interdisciplinary Doctoral Conference, Doctoral Student Association of the University of Pécs, Hungary, November 27–28, 2020. Title of the talk: *Closure and Interior Operations in Relator Spaces.*
- 34th International Summer Conference on Real Fun. Theory, Academy of Sciences, Slovakia, September 7–13, 2020. Title of the talk: *An Important Property of Topologically Semi- and Preopen sets.*
- Síkfőkút Seminar of the Department of Analysis, University of Debrecen, Síkfőkút , Hungary, August 28–30, 2020. Title of the talk: *Two Important Operations in Relator Spaces.*
- The 16th International Students' Conference on Analysis, Síkfőkút , Hungary, February 1–4, 2020. Title of the talk: *Generalized Open Sets Should Not Also Be Studied Without Generalized Uniformities.*
- Analysis Research Seminar, Institute of Mathematics, University of Debrecen, Hungary, March 20, 2019. Title of the talk: *Ordinary and Extreme Connectedness Properties of Relator Spaces.*
- The 2nd International Scientific Conference, The University of Zakho, Kurdistan Region of Iraq, April 18 – 20, 2017. Title of the talk: *A New Type of Weakly Commutative Groups.*