Ahmad Hassan

CV Submitted for: Ph.D. Position
(Mathematics)

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EDUCATION

Master Of Philosophy Of Mathematics (September 2020 ~ August 2022)
- ➢ International Islamic University, Islamabad, Pakistan. CGPA (**3.7/4**)

Thesis Title: Some New Fixed Point Results of ɑ-admissible Self operators.

Courses Thought:

Advanced Linear Algebra, Theory of Abstract Algebra, Topological Vector Spaces, Advanced Mathematical Analysis, Semigroup Theory, Near Rings, Fixed Point Theory, Fuzzy Algebra.

Master of Science in Mathematics (September 2017 ~ August 2019)
- ➢ University Of Sargodha, Sargodha, Pakistan. (**3.05/4**)

Courses Thought:

Real Analysis-I, Abstract Algebra, Topology, Vector and tensor Analysis, Set Theory and ODEs, Introduction To Computer and its Applications, Real Analysis-II, Linear Algebra, functional Analysis, Mechanics, Complex Analysis, Computer Programming with C++, Differential Geometry, Partial Differential Equations, Numerical Analysis-I, Advanced Group Theory-I, Rings and Fields, Probability Theory, Integral Equations, Numerical Analysis-II, History of Mathematics, Advanced Group Theory-II, Galois Theory.

Bachelors of Science (October 2014 ~ August 2016)
- ➢ University Of Sargodha, Sargodha, Pakistan. (**563/800 (70%)**)

Courses Thought:

A –Course Of Mathematics, B –Course Of Mathematics, Introduction to Computer Science, Data Base and C++.

RESEARCH INTERESTS

- Functional Analysis
- Fixed Point Theory
- Topology
- Computational techniques for nonlinear systems.
- Algebraic Coding Theory
- Cryptography
- Non Linear Analysis
- Study Of Function Spaces Artificial Intelligence
- PDE's
- ODE's

TECHINICAL SKILLS

- Net, MS-word, Power point, Excel.
- C/C++ Language and FORTRAN language.
- Scientific Workplace and Latex.
- Maple and Mat lab.

Publications

JOURNAL PAPERS

1. "ϖ-Interpolative Ciric-Reich-Rus-Type Contractions in m- metric space" by Muhammad Umair, **Ahmed Hassan** , Ali Hassan , Abid Hussain , Habiba Faiz , Sana Naz Maqbool , Muahmmad Jamil. In International Journal Of Advance Engineering Research and Science[**Published**] https://dx.doi.org/10.22161/ijaers.101.10.

2. "Certain new type of fixed point results in partially ordered M-metric space" by Umar Ishtiaq, **Ahmed Hassan** and Samrat Ray. https://ijnaa.semnan.ac.ir/data/ijnaa/news/IJNAA-Template.zip [**Published**].

3. Hybrid Multivalued Type Contraction Mappings In α-Complete mb-metric Spaces and Application **Ahmed Hassan**. [**Under Process**].

CONFERENCES AND SEMINARS

26 Nov 2016 – 27 Nov 2016 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
2ⁿᵈ International Conference On Pure and Applied Mathematics.

10 Nov 2017 – 11 Nov 2017 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
3ʳᵈ International Conference On Pure and Applied Mathematics.

04 MAY 2017 – 05 MAY 2017 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
1ˢᵗ National Conference On Pure and Applied Mathematics.

04 MAY 2018 – 05 MAY 2018 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
National Conference Underscores inter-Disciplinary Of Mathematics.

09 April 2018 – 10 April 2018 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
National Conference On Mathematics and Application.

21 DEC 2018 – 22 DEC 2018 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
4ᵗʰ International Conference On Pure and Applied Mathematics.

18 DEC 2019 – 19 DEC 2019 – Quaid-e-Azam University of Engineering, Sciences & Technology, Nawabshah, Pakistan
National Conference on Recent Advances in Pure and Applied Mathematics.

24 Feb 2020 – 25 Feb 2020 – Department Of Mathematics, University Of Sargodha, Sargodha, Pakistan.
5ᵗʰ International Conference On Pure and Applied Mathematics.

23 August 2021 – 25 August 2021 –Advance Institute Of Mathematical Science and Pakistan Mathematical Society.
22ⁿᵈ International Pure Mathematics Conference On Algebra, Analysis and Geometry.

21 Aug 2022 – 23 Aug 2022 – Pakistan Mathematical Society and AIMS Quaid-e-Azam University, Islamabad, Pakistan.
22nd International Pure Mathematics Conference.

HOBBIES AND INTERESTS

Reading Books, Watching Movies, Serving Internet, Travelling, Hiking, Climbing etc.

REFERENCES

Professor Dr.Arshad Muhammad Zia   **International Islamic University Islamabad, Pakistan.**

Thesis Supervisor:
Professor
Email: marshadzia@iiu.edu.pk
Phone: +92-51-9019516

Dr. Tahir Mahmood   **International Islamic University Islamabad, Pakistan.**

Course Instructor:

Assistant Professor
Email: tahirbakhat@iiu.edu.pk
Phone: +92-51-9019770

Dr. Nayyar Mehmood   **International Islamic University Islamabad, Pakistan.**

Course Instructor:
Assistant Professor
Email: nayyar.mehmood@iiu.edu.pk
Phone: +923145202100