

MUHAMMAD UZAIR KHAN



1. Objective:

Seeking a dynamic, challenging and professional environment where I can utilize my abilities to accomplish the organization goal efficiently. My aim so to establish a modern scientific welfare community through value base services

2. Area of interest:

I have completed my M.Phil degree in 2014 and presently PhD scholar in UET Peshawar. In our research we initiate the study of soft filters of MTL-algebras. We give the definition of a soft filter, Boolean soft filter and an MV- soft filter of MTL-algebra. We also introduced the concepts of soft ultra filter, soft Prime filter and soft G-filter of MTL-algebra.

3. Personal data

Father Name Mehmoood Khan
Date of Birth 08-08-1988
Nationality Pakistani
Marital status Single
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Address Department of Mathematics Bacha Khan University Charsadda, Pakistan.
P. Address Village and Post Office Dhakki Tehsil Tangi District Charsadda, KPK, Pakistan.

4. Current position / Experiences

1. Work as a contract Lecturer at Bacha Khan University Charsadda KPK Pakistan from August 2014 till to date.
2. Lecturer Oxford School System Dhakki Tehsil Tangi District Charsadda KPK Pakistan
3. Lecturer Muslim Degree College Dhakki.
4. Science Teacher Muslim High School System Dhakki Tehsil Tangi District Charsadda KPK Pakistan.

5. Address for services

Department of Mathematics & Statistics, BachaKhan University Charsadda, Pakistan.

6. Education / Degrees

i. (2015) Doctor of Philosophy (Thesis submitted)

GPA 3.28/4.0

Research title: SOME APPLICATIONS OF (FUZZY) PREFERENCE RELATIONS BASED ON SOFT/ROUGH SET THEORY

Department: Mathematics, University of Engineering and Technology Peshawar , Pakistan.

Major area: Mathematics

ii. (2014) Master of Philosophy (18-years of education.) GPA 4.1/5.0

Research title: Some contributions in Soft MTL-algebras

Department: Mathematics, Quaid-i-Azam University Islamabad, Pakistan.

Major area: Mathematics

iii. Publications in M. Phil

1. **Muhammad Uzair Khan** and Raees Khan Anti BG-fuzzy ideals in BG-algebras, Journal of New Theory 2019.
2. **M. Uzair Khan**, S. Abdullah, Raees Khan and Imran Khan, Some Contributions in Soft MTL-Algebras, J. Appl. Environ. Biol. Sci., 7(6) (2017) 213-225.
3. **M. Uzair Khan**, Raees Khan and Imran Khan, Soft Ultra-Filters and Soft G-Filter of MTL-Algebras, J. Appl. Environ. Biol. Sci., 7(7) (2017) 167-174.
4. Raees Khan, Asghar Khan, Imarn Khan and **M. Uzair Khan**, On Uni-Soft Ideals and Uni-Soft Interior Ideals of Ordered Semigroups, J. Appl. Environ. Biol. Sci., 7(5) (2017) 181-190.
5. Raees Khan, Asghar Khan, **M. Uzair Khan** and Imarn Khan Certain Characterizations of Ordered Semigroups by Uni-Soft Generalized Bi-Ideals, J. Appl. Environ. Biol. Sci., 7(10) (2017) 19-31.
6. Zia Ur Rahman, Izaz Ahmad Khan, Shah Suhail, Raees Khan and **M. Uzair Khan**, An Investigation of Pakistan Offshore IT Services Capabilities: Quality Initiative, J. Appl. Environ. Biol. Sci., 7(8) (2017) 68-73.
7. Raees Khan, Asghar Khan, **M. Uzair Khan** and Hidayat Ullah Khan, Right Pure Uni-Soft Ideals Of Ordered Semigroups, Matrix Science Mathematic(MSMK) 1(1) (2018) 06-11
8. Raees Khan, Asghar Khan and **M. Uzair Khan** Union Soft Set Theory Applied to Ordered Semigroup. Int. J. Analysis and Applications 18(5) (2020) 819-837.
9. **Uzair Khan, Muhammad**. Ali, Abbas. Rehman, Noor and Abdullah, Saleem. Soft ordered based multi-granulation rough sets and incomplete information system. Journal of Intelligent & Fuzzy Systems, 39(1) (2020)81-105
10. **Khan, Muhammad Uzair**. Ali. Abbas. Rehman, Noor. Abdullah, Saleem Labor-management negotiation conflict analysis based on soft preference relation. Journal of Intelligent & Fuzzy Systems, 39(1) (2020) 43-52.

MPhil students (Supervised)

1. Aneesa Begum
2. M.Luqman
3. Zahoor
4. Amjad Ali
5. M. Saqib
6. Aysha Habib
7. Saima Aslam
8. Nasiha
9. Jamal Shah

iv. Project produced students

1. Noreen Liaqat
2. Mujeeb Urehman
3. M. Zohaib
4. M.Luqman
5. M.Saqib
6. Saima Aslam
7. Nasiha
8. M.Ihteram
9. Abbas Ali
10. M. Abbas
11. Abul Basit
12. Khan Alam

v. Major courses in Ph.D

- Advance Partial Differential Equation
- Advance Numerical Analysis
- Special Topics (Scientific Computing with Mat Lab)
- Mathematical Methods
- Special Topics (Spectral Methods in Mat Lab)
- Special Topics (Integral Transform & Numerical Approximation)

vi. Major courses in M. Phil**GPA 4.1/5.0**

- LA Semi group
- Semi group Theory
- Algebraic Coding Theory
- Theory of Group Actions
- Theory of Group Graphs
- Commutative Algebra I
- Nilpotent and Soluble Groups
- Ordered Vector Space

vii. (2012) Master of Science (16-years of education) 1st Division**Department:** Mathematics, Quaid-i-Azam University Islamabad, Pakistan**Major area:** Mathematics**viii. Major courses in Master**

- Set Topology
- Advanced Calculus
- Linear Algebra
- Differential Geometry I
- Ordinary Differential Equations
- Real Analysis
- Group Theory
- Differential Geometry II
- Analytical Mechanics
- Complex Analysis
- Numerical Methods
- Functional Analysis
- Partial Differential Equations
- Mathematical Statistics
- Rings and Fields
- Numerical Analysis
- Integral Equations
- Algebraic Systems and Coding Theory
- Advanced Group Theory
- Theory of Modules

ix. (2009) Bachelor of Science

1st Division

Department: University of Peshawar Pakistan

Major area: Mathematics A, Mathematics B, Computer Science,

7. Professional skills:

- Microsoft office
- Internet,
- Power point
- Prepare power point based presentations
- Latex
- Research Proposal, Thesis writing and Research Report writing with internet based search facility.

8. References:

1) Prof.Dr. Noor Rehman

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Contact: +92-3338388180

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2) Dr. Safyan Mukhtar

Assistant Professor

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3) Dr. Saleem Abdullah.

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Email: saleemabdullah81@yahoo.com