

DR AMANULLAH

Personal Profile

Father Name: Saif Ullah

Date of Birth: April 01, 1979

Marital Status: Married

Religion: Islam

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Academic Qualification

- **Major Field of Research:** Fuzzy Algebra, Soft Set Theory, AG-groupoids and AG-groups.
- **Ph. D:** (2011-2014), University of Malakand.
Ph. D Thesis: A study of fuzzy AG-subgroups.
- **M. Phil:** (2006-2008), University of Malakand.
M. Phil Thesis: Garding's inequality for elliptic equations in a bounded domain and its applications
- **M. Sc:** (1999-2001), University of Peshawar, Pakistan.
- **B. Ed:** (2001-2002), University of Peshawar, Pakistan.
- **Bachelor of Science** (B. Sc Computer Science, A course of Mathematics and B course of Mathematics): (1997-99), University of Peshawar, Pakistan.
- **Intermediate** (F. Sc Pre-Engineering): (1995-97), BISE Swat.
- **Secondary School Certificate** (Metric Science Group): 1993-95, BISE Swat.

Teaching Experience

- I worked as a Lecture in GPGJ College Saidu Sharif Swat (from Oct 2002 to Oct 2003).
- I worked as a Lecture in Govt. Degree College Barkhalozai Bajour Agency (from Oct 2003 to Sep 2004).

- I worked as a Lecturer (from 01-10-2004 to 09-04-2012), Department of Mathematics, University of Malakand, Chakdara, Dir Lower, Khyber Pakhtunkhwa, Pakistan.
- I am working as Assistant Professor (from 10-04-2012 till date), Department of Mathematics, University of Malakand, Chakdara, Dir Lower, Khyber Pakhtunkhwa, Pakistan.

I taught the following Courses so far working as a Lecturer/Assistant Professor in the Department of Mathematics to BS/ Master and MPhil level:

Calculus, Advanced Calculus, Real Analysis, Functional Analysis, Linear Algebra, Abstract Algebra, Business Mathematics, Basic Topology, General Topology, Complex Analysis, Number Theory, Optimization Theory, Rings and Fields, AG-groupoids and AG-group, Fuzzy Group Theory, Fuzzy Semigroup Theory and Ring Theory.

Administrative Experience

- Staff Proctor at University of Malakand (2004-2007).
- BS-Semester Coordinator in the Department of Mathematics, University of Malakand (from 01-09-2011 to 15-04-2014).
- Member of the Program Team for Self-Assessment Report (2012-2015).
- MPhil and PhD Coordinator in the Department of Mathematics, University of Malakand (from 01-10-2016 till date).

Trainings/Workshops

1. “Incorporating Technology in Education” (ITE), Organized by HEC held at UOM, during February 21 to March 05, 2011.
2. Awareness and Training Workshop on “Self-Assessment Procedures”, Organized by QEC held at UOM, during May 18 to May 20, 2011.
3. Training Workshop on “Quality Criteria”, Organized by QEC held at UOM, during July 27 to July 28, 2011.
4. Technical Training on “Information and Communication Technologies” (ICT), Organized by HEC held at UOM, during July to August 2011.
5. “Professional Competency Enhancement Program for Teachers” (PCEPT), Organized by HEC held at UOM, during November 29th to December 30th, 2011.

6. International Workshop on “Computational Methods in Mathematics” Organized by COMSTECH held at COMSTECH, Islamabad, during May 7 to 9, 2012.
7. Certificate of Participation in USAID teacher education project entitled “Strategic Planning Workshop” organized by the educational development center (EDC), from 14th Jan 2013 to 19th Jan 2013.
8. Organizer of the “1st National Conference on Mathematical Sciences”, Department of Mathematics University of Malakand, Khyber Pakhtunkhwa, Pakistan, 2nd to 4th Sep, 2014.
9. Certificate of Participation in indigenous on-campus training workshop of administrative staff “Finance, Audit and Psycho-social Approach”, Organized by QEC held at UOM, during March 4th to 6th 2015.
10. Certificate of Participation in indigenous on-campus training workshop of administrative staff “Financial Statutes of University of Malakand”, Organized by QEC held at UOM, during August 5th to 6th 2015.
11. Certificate of Participation in “Active Citizens Training of Facilitators”, Organized by British Council, during Sep 14th to 18th 2015.
12. 05-Days Workshop in “Teaching and Research” Organized by Department of Education, UOM, with the collaboration of HEC, from 23rd May 2016 to 27th May 2016.

Research Activities

1. I. Ahmad, **Amanullah**, M. Shah. “Fuzzy AG-Subgroups”. Life Sci J 2012; 9(4): 3931-3936. (ISSN: 1097-8135). <http://www.lifesciencesite.com>. 586.
2. M. Rashad, I. Ahmad, **Amanullah**, M. Shah. “On relations between right alternative and nuclear square AG-groupoids”. International Mathematical Forum 2013; 8(5) 237- 243.
3. **Amanullah**, I. Ahmad, M. Shah. “On the equal-height elements of fuzzy AG-subgroups”. Life Sci J. 2013; 10(4): 3143-3146]. (ISSN: 1097-8135). <http://www.lifesciencesite.com>. 419.
4. **Amanullah**, M. Rashad, I. Ahmad, M. Shah. “On modulo AG-groupoids”. Journal of Advances in Mathematics 2014; 8(3) 1606-1613] (ISSN: 2347-1921). editor@cirjam.org, www.cirjam.com , editorjam@gmail.com (1606-1613).
5. **Amanullah**, M. Rashad, I. Ahmad “Abel-Grassmann’s groupoids modulo matrices”. Mehran University Research Journal of Engineering & Technology, 35 (1), January, 2016.

6. **Aman Ullah**, Imtiaz Ahmad, and Faruk Karaaslan, "Cubic Abel-Grassmann's subgroups" Journal of Computational and Theoretical Nanoscience, 13 (January Issue), 1–8, 2016.
7. M. Rashad, I. Ahmad, M. Shah, **Amanullah**, "Some general properties of stein AG-groupoids and stein AG-Test", Sindh University Research Journal, 48(3), 679-684, 2016.
8. F. Karaaslan, I. Ahmad and **Amanullah**, "Bipolar soft groups", Journal of Intelligent and fuzzy systems, 31, 651-662, 2016.
9. A.Alam, S. Ullah, M.Z. Burqi, **Amanullah**, N. Ali, "Evaluating Students Performance in Adaptive 3D-Virtual Learning Environments Using Fuzzy Logic", Sindh University Research Journal (in press).
10. **Amanullah**, I. Ahmad and M. Shah, "Fuzzy cosets in AG-subgroups", (Submitted).
11. **Amanullah**, M. Rashad and I. Ahmad, "Modulo AG-groupoids of polynomials", (Submitted).
12. **Amanullah**, I. Ahmad, F. Hayat, F. Karaaslan and M. Rashad "Some basic properties of soft int-AG-groups", (Submitted).
13. **Amanullah**, I. Ahmad, and F. Karaaslan "Uni-soft-AG-groups", (Submitted).
14. M. Rashad, I. Ahmad, **Amanullah** and M. Shah "A study on Cheban Abel-Grassmann's groupoids", (Submitted).
15. F. Karaaslan, **Amanullah** and I. Ahmad and, "Normal bipolar soft groups", (submitted).
16. **Amanullah**, M. Rashad, I. Ahmad and M. Shah, "Modulo integers interval AG-groupoids", (Submitted).