

DR. SK. NAZMUL

Official Address:

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Education:

- **B. Sc (Hons)** : (1996-1999), Siksha Bhavana, Visva-Bharati – 90.30 % (**First class First**)
- **M. Sc:** (1999-2001), Siksha Bhavana, Visva-Bharati – 88.90 % (**First class First**)
- **B.Ed.:** (2001-02), Vinaya Bhavana, Visva-Bharati- 69.09%
- **Ph. D:** (2014) Siksha Bhavana, Visva-Bharati.

Topic: A Study on Topological group structures in the context of fuzzy and soft setting.

Name of Ph. D. Supervisor: **Prof. Shyamal Kumar Samanta,**
Professor, Department of Mathematics,
Visva-Bharati, Santiniketan, WB -731235.

- **M.Ed.:** (2014-15), Burdwan University- 71.25%

Teaching Experience:

- **Assistant Professor, Department of Mathematics, Bankura University, Bankura – 722146, W. B. (October 14, 2015 to continuing)**
- Assistant Professor, Institute of Education for Women, Hastings House, Alipore, Kolkata-700027, W. B. (January 09, 2014 to October 13, 2015)
- Assistant Professor, Govt. College of Education, Burdwan, Kazirhat, Lakurdi, Burdwan-713102, W.B. (July 20, 2007 to January 08, 2014).
- Assistant Lecturer, Uttar Siksha Sadana, Visva-Bharati, Santiniketan-731235, W.B. (March 31, 2002 – July 19, 2007).

Research Interest: Different algebraico topological structures in different type of sets viz. fuzzy set soft set, multi set and their hybridization.

Publications:

1. **Sk. Nazmul** and S. K. Samanta, Soft topological groups, Kochi Journal of Mathematics, Vol. 5, 2010, 151-161.
2. **Sk. Nazmul** and S. K. Samanta, Fuzzy soft group, The Journal of Fuzzy Mathematics, Vol. 19, No. 1, 2011, 101-114.
3. **Sk. Nazmul** and S. K. Samanta, Soft topological soft groups, Mathematical Sciences, Vol. 6, No. 66, 2012, 1-10.
4. **Sk. Nazmul**, H. Hazra and S. K. Samanta, Fuzzy topological groups, The Journal of Fuzzy Mathematics, Vol. 21, No. 1, 2013, 9-28.
5. **Sk. Nazmul** and S. K. Samanta, Neighbourhood properties of soft topological spaces, Annals of Fuzzy Mathematics and Informatics, Vol. 6 No. 1, 2013, 1-15.
6. **Sk. Nazmul** and S. K. Samanta, Intuitionistic L-fuzzy soft sets and intuitionistic L-fuzzy soft groups, The Journal of Fuzzy Mathematics, Vol. 21, No. 2, 2013, 371-386.
7. **Sk. Nazmul**, P. Majumdar and S. K. Samanta, On multi sets and multi groups, Annals of Fuzzy Mathematics and Informatics, Vol. 6, No 3, 2013, 443-456.
8. **Sk. Nazmul** and S. K. Samanta, Group soft topology, The Journal of Fuzzy Mathematics, Vol. 22, No. 2, 2014, 435-450.
9. **Sk. Nazmul** and S. K. Samanta, Fuzzy soft topological groups, Fuzzy Information and Engineering, Vol.6, Mar 2014, 71-92.
10. **Sk. Nazmul** and S. K. Samanta, Some properties of soft topologies and group soft topologies, Annals of Fuzzy Mathematics and Informatics, Vol. 8, No. 4, 2014, 645-661.
11. **Sk. Nazmul** and S. K. Samanta, Generalized Group Soft Topology, Annals of Fuzzy Mathematics and Informatics, Vol. 9, No. 5, 2015, 783-800.
12. **Sk. Nazmul** and S. K. Samanta, On soft multi groups, Annals of Fuzzy Mathematics and Informatics, Vol. 10, No. 2, 2015, 271-285.
13. **Sk. Nazmul** and S. K. Samanta, Some properties of soft multi topologies, Communicated at Fuzzy Information and Engineering on May, 2015.

Participation in academic seminar/conference/workshop

1. Attended National Seminar on GENERALIZATIONS AND APPROXIMATIONS IN MATHEMATICS, Organised by the Department of Mathematics, Visva-Bharati, during March 28-29, 2008.
2. Attended and **presented a paper titled *Soft Topological Group*** on SECOND UGC SPONSORED NATIONAL CONFERENCE ON UNCERTAINTY: A MATHEMATICAL APPROACH during September 23-24, 2008, Organised by Department of Mathematics, MaharajadhirajUday Chand women's College, Burdwan.
3. Attended a Workshop in ***Development of a package of ICT Integrated Learning Materials on Basic School Subjects*** from 16.02.2009 to 20.02.2009 at Regional Institute of Education, NCERT, Bhubaneswar.
4. Attended and **presented a paper titled *Fuzzy Soft Groups*** on THIRD UGC SPONSORED NATIONAL CONFERENCE ON UNCERTAINTY: ***A MATHEMATICAL APPROACH*** on 27th February, 2009, Organised by Department of Mathematics, MaharajadhirajUday Chand women's College, Burdwan.

5. Attended and **presented a paper titled Fuzzy Similarity Based Student Gradation System** on National Seminar on **Mathematics Phobia: Its Genesis and Remedies**, Organised by the Centre for Mathematics Education, Visva-Bharati, during February 13-15, 2010.
6. Attended and **presented a paper titled Fuzzy topological groups** on National Seminar on **Non-Linear Aspects of Analysis and Algebra**, Organised by the Centre for Mathematics Education, Visva-Bharati, during March 24-25, 2012.
7. Delivered an invited lecture on Soft sets and its algebraic structures on December 20, 2012 at the departmental seminar organized by the Mathematics Study Circle of the Department of Mathematics, M. U. C. Women's College, Burdwan.
8. Attended and **presented a paper titled On multi groups** on National Seminar on **Mathematics and its Applications**, Organised by the Centre for Mathematics Education, Visva-Bharati, during March 30-31, 2013.
9. Attended and **presented a paper titled Introduction to soft multi groups** on International Conference on **Nonlinear Dynamics and its Applications in Physical and Biological Sciences (CNDAPBS-14)**, organised by Department of Physics, Darjeeling Govt. College in Collaboration of with Bose Institute & St. Joseph's College, Darjeeling, India.
10. Attended and **presented a paper titled Some properties soft multi topologies** on International Conference on **Recent Trends in Mathematical Sciences and Applications (ICRTMSA-2016)**, organised by Department of Mathematics, The University of Burdwan, WB, During 09-11, February, 2016.