



## **DR. SK. NAZMUL**

### **Official Address:**

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### **Education:**

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

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

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

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

### **Teaching Experience:**

- **Associate Professor, Department of Mathematics, Kazi Nazrul University, Kalla C.H., Paschim Bardhaman – 713340, W. B. (March 6, 2019 to continuing)**
- Assistant Professor, Department of Mathematics, Bankura University, Bankura – 722146, W. B. (October 14, 2015 to March 5, 2019)
- 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 SikshaSadana, 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, JUST- a peer reviewed multidisciplinary research journal, Vol. 2, No. 1, 86-99.
14. **Sk. Nazmul**, L-fuzzy soft groups, International Journal of Research on Social and Natural Sciences, Vol. 1 No. 2, 2016, 56-67.
15. **Sk. Nazmul**, Some properties of soft groups and fuzzy soft groups under soft mappings, Palestine Journal of Mathematics, Vol. 6 No. 2, 2017, 1-11.
16. **Sk. Nazmul**, Type-2 soft mapping and some of its properties, International Journal of Research on Social and Natural Sciences, Vol. 2 No. 1, 1-11 (2017).
17. **Sk. Nazmul**, On type-2 soft topologies, New Trends in Mathematical sciences, Vol. 5 No. 4, 2017, 182-194.
18. **Sk. Nazmul**, On type-2 soft groups, International Journal of Research on Social and Natural Sciences, Vol. 2 No. 2, 1-13.
19. **Sk. Nazmul**, On type-2 m-topological spaces, Annales Universitatis Paedagogicae Cracoveensis Studia Mathematica, Vol. 16 (2017) No. 206, 77-93.
20. **Sk. Nazmul**, New approach to m-topological spaces, International Journal of Research on Social and Natural Sciences, Vol. 3 No. 1, 1-10. (2018).
21. A. Kundu, T. Bag and **Sk. Nazmul**, A new generalization of normed linear spaces, Topology and its applications, 256, 159-176 (2019).
22. A. Kundu, T. Bag and **Sk. Nazmul**, On metrizable and normability of 2-normed spaces, Mathematical Sciences, 13, 69-77 (2019).