

CURRICULUM VITAE

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Education:

B. Sc. Mathematics (Hons.), Sovarani Memorial College(University of Calcutta), 2009.

M.Sc. Department of Pure Mathematics, Ballygunge Science College, University of Calcutta, 2011.

Ph. D. Mathematics, Visva-Bharati, Santiniketan, 2019.

Scholarships/Awards/Fellowship:

- **Gold Medal** for 1st Position in M.Sc.(2011), Department of Pure Mathematics, University of Calcutta.
- **UGC Junior Research Fellowship** in December, 2012.

Research Interest:

- Topology
- Functional Analysis
- Fuzzy set theory
- Soft set theory

Experience in Research:

- As a Doctoral Research Fellow in The Department of Mathematics, Visva-Bharati from 3rd December, 2013 to 6th May, 2018.

Teaching Experiences:

- Working as an Assistant Professor of Mathematics at Kazi Nazrul University since 7th May, 2018.
- Taken classes of B.Sc. as a scholar in The Department of Mathematics, Visva-Bharati in Three Semester.
- Working as a Guest Lecturer in Mathematics at Sovarani Memorial College from 2nd January, 2012 to 31st December, 2012.

Publications:

1. Subhadip Roy, **Moumita Chiney** and S. K. Samanta, Convergence of Soft Filters and Soft Compactification in Redefined Soft Topological Spaces, Recent Advances in Intelligent Information Systems and Applied Mathematics, ICITAM 2019, Studies in Computational Intelligence, vol 863. Springer, Cham (2020) 699-712. DOI: https://doi.org/10.1007/978-3-030-34152-7_53
2. **Moumita Chiney** and S. K. Samanta, Soft topology redefined, The Journal of Fuzzy Mathematics 27 (2) (2019) 459-486.
3. **Moumita Chiney** and S.K. Samanta, Fuzzy Soft Differentiation in Fuzzy Soft Topological Vector Spaces, Jordan Journal of Mathematics and Statistics (JJMS) 11(3) (2018) 243 – 272.
4. Sanjit Dutta, **Moumita Chiney** and S.K. Samanta, On neighbourhood system and convergence of soft nets in redefined soft topological spaces, International Journal of Pure and Applied Mathematics 120(5) (2018) 1529-1545.
5. Subhadip Roy, **Moumita Chiney** and S. K. Samanta, On compactness and Connectedness in redefined soft topological spaces, International Journal of Pure and Applied Mathematics 120(5) (2018) 1505-1528.
6. **Moumita Chiney** and S. K. Samanta, IF topological vector spaces, Notes on Intuitionistic Sets 24 (2) (2018) 33-51.
7. **Moumita Chiney** and S. K. Samanta, Intuitionistic fuzzy dimension of an intuitionistic fuzzy vector space, Notes on Intuitionistic Fuzzy Sets 24 (1) (2018) 21-29.
8. **Moumita Chiney** and S. K. Samanta, Intuitionistic fuzzy basis of an intuitionistic fuzzy vector space, Notes on Intuitionistic Fuzzy Sets 23 (4) (2017) 62-74.
9. **Moumita Chiney** and S. K. Samanta, Some results on multi vector space, Annals of Fuzzy Mathematics and Informatics 15 (1) (2018) 1-8.
10. **Moumita Chiney** and S. K. Samanta, Some properties of soft topological vector spaces, Annals of Fuzzy Mathematics and Informatics 14 (6) (2017) 599-611.

11. **Moumita Chiney** and S. K. Samanta, Soft differentiation in vector soft topology, *Annals of Fuzzy Mathematics and Informatics* 14 (6) (2017) 527-536.
12. **Moumita Chiney** and S. K. Samanta, Multi vector space, *Annals of Fuzzy Mathematics and Informatics* 13 (5) (2017) 553-562.
13. **Moumita Chiney** and S. K. Samanta, Soft topological vector space, *Annals of Fuzzy Mathematics and Informatics* 13 (2) (2017) 153-174.
14. **Moumita Chiney** and S. K. Samanta, Embedding Lemma in soft topological spaces, *The Journal of Fuzzy Mathematics* 25 (2) (2017) 343-366.
15. Sankar Mondal, **Moumita Chiney** and S. K. Samanta, Urysohn's lemma and Tietze's extension theorem in soft topological spaces, *Annals of Fuzzy Mathematics and Informatics* 10 (6) (2015) 883-894.
16. **Moumita Chiney** and S. K. Samanta, Vector soft topology, *Annals of Fuzzy Mathematics and Informatics* 10 (1) (2015) 45-64.

Conferences/Seminars/Workshops Attended:

- Presented a paper entitled "*On vector soft topology*" in **International Conference** on "Recent Trends in Mathematics and Its Applications" during 18-19 March, 2015 organized by Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore-721102, West Bengal, India.
- Presented a paper entitled "*Characterization of soft normal spaces*" in **National Seminar** on "Recent Developments in Mathematics and Its Applications" during 21-22 January, 2016 organized by Department of Mathematics, University of Kalyani, Kalyani, West Bengal, India.
- Presented a paper entitled "*A new definition of soft topology*" in **National Seminar** on "Recent Advances in Mathematics and Its Applications" during 01-02 March, 2017 organized by Department of Pure Mathematics, University of Calcutta, Kolkata-700019, West Bengal, India.
- Presented a paper entitled "*Lowen type multi-fuzzy topological spaces*" in **National Seminar** on "Fuzzy Set Theory and Applications" during 30th November to 2nd December, 2017 organized by Department of Mathematics, NIT, Durgapur, West Bengal, India.