

Information Regarding Research & Publications

Number of publications:

Sl. No.	Name of the Faculty	International Journal	National Journal	Conference		Books	Books Chapter
				International	National		
1	Dr. Jayasree Chakraborty	18	00	06	00	00	01

Publication Details: Dr. Jayasree Chakraborty

2022

1. B Das, B Bhattacharya, J Chakraborty "A stronger form of generalized closed set via ij - γ -open sets", **Afrika Matematika** volume 33 (3), pages 75 (2022)
2. B Das, J Chakraborty, B Bhattacharya, "On fuzzy $\gamma\mu$ -open sets in generalized fuzzy topological spaces", **Proyecciones (Antofagasta)** volume 41 (3), pages 733-749 (2022)

2021

3. B Das, J Chakraborty, G Paul, B Bhattacharya, "A new approach for some applications of generalized fuzzy closed sets", in **Journal of Computational and Applied Mathematics**, volume 40, pages 1-14 (2021).
4. Birojit Das · Baby Bhattacharya¹ · Jayasree Chakraborty¹ · Binod Chandra Tripathy, "Generalized fuzzy closed sets in a fuzzy bitopological space via open sets", **Afrika Matematika**, volume 32 (3-4), pages 333-345 (2021)

2020

5. B Bhattacharya, J Chakraborty, A Paul, " γ^* -Hyperconnectedness in fuzzy topological spaces", **The Journal of Analysis** volume 28 (1), pages 9-19 (2020)

2019

6. Birojit Das · Baby Bhattacharya · Jayasree Chakraborty, Sree Anusha Ganapathiraju, Arnab Paul, "A new type of generalized closed set via γ -open set in a fuzzy bitopological space", **Proyecciones (Antofagasta)** 38(3):511-536 DOI: 10.22199/issn.0717-6279-2019-03-0033

7. Jayasree Chakraborty¹, Baby Bhattacharya², and Arnab Paul³, “Generalized fuzzy closed sets in generalized fuzzy topological spaces”, **Songklanakarín Journal of Science and Technology**, volume 41 (1), pages 216-221, Jan. - Feb. 2019.
8. Baby Bhattacharya, Arnab Paul, Jayasree Chakraborty, On “Fuzzy $\Lambda\gamma$ -Sets and their Applications”, **Proyecciones Journal of Mathematics** Vol. 38, No 2, pp. 237-253, June 2019.

2018

9. Arnab Paul*, Baby Bhattacharya, and Jayasree Chakraborty, On “ γ - locally closed sets in fuzzy bitopological space”, **Songklanakarín Journal of Science and Technology** Volume 40 (5), pages 1048-1054 (2018)

2017

10. Jayasree Chakraborty¹, Baby Bhattacharya², and Arnab Paul³, “Fuzzy $\Lambda^{g_r}X$ -sets and generalization of closed sets in generalized fuzzy topological spaces”, **Songklanakarín J. Sci. Technol.** 39 (3), 275-291, May - Jun. 2017.
11. Arnab Paul, Baby Bhattacharya, Jayasree Chakraborty, “ γ -Hyperconnectedness and fuzzy mappings in fuzzy bitopological spaces”, **Journal of Intelligent & Fuzzy Systems** 32 (3), 1815-1820, 2017.
12. Arnab Paul, Baby Bhattacharya, Jayasree Chakraborty, On “ Λ^γ -sets in Fuzzy Bitopological Spaces”, **Boletim da Sociedade Paranaense de Matemática** (3s.) v. 35 (3), pages 285–299 (2017).
13. Jayasree Chakraborty*, Baby Bhattacharya², and Arnab Paul³, “Some results on fuzzy hyperconnected spaces”, **Songklanakarín Journal of Science and Technology**, volume 39 (5), pages 619-624, Sep - Oct. 2017.

2016

14. B. Bhattacharya, A. Paul and J. Chakraborty, “Extension of (i, j) -fuzzy Λ -sets and Their Applications”, **The Journal of Fuzzy Mathematics**, Vol. 24, No. 4, 2016.
15. J. Chakraborty, B. Bhattacharya and A. Paul, “Some Properties of Generalized Fuzzy Hyperconnected Spaces”, **Annals of Fuzzy Mathematics and Informatics**. Volume 12.No 5, pp 659-668 2016.

2015

16. B. Bhattacharya and J. Chakraborty, “Generalized Regular Fuzzy Closed Sets and Their Applications”, **The Journal of Fuzzy Mathematics**, v. 23, No 1, 2015.

2013

17. B. Bhattacharya and J. Chakraborty, On “ \square -Induced L-Fuzzy Topological Spaces”, **International Journal of Pure Applied Science and Technology**, 16(1) (2013), pp. 61-68.
18. B. Bhattacharya and J. Chakraborty, On “L-Fuzzy- \square -Generalized Closed Sets and Their Properties”, **International Journal of Computer Applications**, vol.70 (2013), pp. 49-52.

Conferences

\square International:

2017

1. B Bhattacharya, J Chakraborty, A Paul, GS Anusha, “On fuzzy γ -locally closed sets and their applications”, 2017 Joint 17th World Congress of International Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS), 27-30th June, 2017.

2015

2. B. Bhattacharya , J. Chakraborty and A. Paul, “A New Approach to Generalized Fuzzy Topological Spaces”, 4th Annual International Conference on Computational Mathematics, Computational Geometry & Statistics, 25-27th Jan 2015, Singapore.
3. B. Bhattacharya and J. Chakraborty, “Contra Continuity and Almost Contra Continuity in Generalized Fuzzy Topological Spaces”, AIP Conf. Proc. **1660 A**, 090054 (2015); 10.1063/1.4915669.

2014

4. B. Bhattacharya and J. Chakraborty, "Generalized Regular Fuzzy Locally Closed Sets and Some Generalizations of Fuzzy Locally Closed Continuous Functions", International Conference on Mathematics & Engineering Sciences, Chitkara University, Himachal Pradesh, March 20-22nd, 2014.
5. B. Bhattacharya and J. Chakraborty, Some Generalized Continuous Functions in Generalized Fuzzy Topological Spaces, 18th International Mathematics Conference, March 20-22nd, 2014, Dhaka, Bangladesh. (Accepted).

2013

6. B. Bhattacharya and J. Chakraborty, On L-Fuzzy Topological Spaces Induced By Scott - σ -Continuous Functions, 2nd International Conference on Rough Sets, Fuzzy Sets and Soft Computing held at T.U Jan 17-19th, 2013.

