## Curriculum Vitae



## Personal Information:

Name: Dr. Upasana Samanta
Official Designation: Assistant Professor
Official Address: Department of Mathematics
Chandidas Mahavidyalaya
Khujutipara, Birbhum
West Bengal, India-731215
Date of Birth: 26.01.1990

## Contact Details:

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## Academic Information:

| Program/ <br> Course | Subject/ Specialization | Institution | Year of <br> completion | \% of <br> Marks | Division <br> /Grade |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | Department of Mathematics, <br> Iadavpur University, <br> Kolkata-32 |  |  |  |


| Ph.D. <br> Mathematics | Selection Principles in Topology |  | 2020 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B.Ed. | Methodology of Teaching: Mathematics, Physical Science <br> Elective Subject: <br> Educational Statistics | Vinaya-Bhavana Visva-Bharati, Santiniketan | 2014 | 70.25 | 1st |
| M.Sc | Mathematics <br> (Specialization: <br> Topology, Functional Analysis) | Department of Mathematics, SikshaBhavana, Visva-Bharati, Santiniketan, India. | 2013 | 91.4 | Grade-S |
| $\begin{gathered} \text { B.Sc. } \\ \text { (Hons.) } \end{gathered}$ | Mathematics <br> (Hons.) | Department of Mathematics, SikshaBhavana, Visva-Bharati, Santiniketan, India. | 2011 | 81.4 | $1^{\text {st }}$ |
| Pre- Degree <br> (Higher Secondary) | Ben, Eng, Math, Physics, Chemistry, Statistics, Rabindra Sangeet | Uttar Siksha Sadana, VisvaBharati, Santiniketan, India | 2008 | 88.27 | 1st |
| School <br> Certificate <br> Examination <br> (Secondary) | Ben, Eng, History, Geography, Phy Sc., Life Sc., Math, Additional Subject-Math | Patha-Bhavana, Visva-Bharati, Santiniketan | 2006 | 91 | 1st |

## Scholastic Achievements:

- CSIR-UGC TEST (NET) December (15) JRF Rank-31;
- GATE 2015- All India Rank-40
- GATE 2014- All India Rank-71
- Awarded NBHM Ph.D Research Scholarship- 2013-14.
- Awarded INSPIRE Fellowship for securing $1^{\text {st }}$ rank in M.Sc in Mathematics in VisvaBharati for the year 2013.
- Selected for DS Kothari Post Doctoral Fellowship-2021
- Ranked $1^{\text {st }}$ in M.Sc in Mathematics in Visva-Bharati ( 2013)
- Ranked $2^{\text {nd }}$ in B.Sc (Honours) in Mathematics in Visva-Bharati (2011)


## Employment Information:

| Post | Institution/Organization | Period |
| :---: | :---: | :---: |
| Assistant Professor | Department of Mathematics, <br> Chandidas Mahavidyalaya <br> Khujutipara, Birbhum. | 13.12 .2023 - Till Date |
| Assistant Professor | Department of Mathematics, <br> Birla Institute of Technology <br> Mesra, Ranchi, Jharkhand, PIN-835215 | 21.9.2021-12.12.2023 |


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| :--- | :--- | :--- |
|  | Department of Mathematics and <br> Computer Science, Sri Sathya Sai |  |
| Part-time faculty | Institute of Higher Learning- <br> Anantapur Campus, Andra Pradesh, <br> PIN-515001 | 10.9 .2020 |

## Paper Publications:

1. Completeness and Compactness of finite dimensional fuzzy n-normed linear spaces, Upasana samanta, T. Bag, Annals of Fuzzy Mathematics and Informatics, 7(5) (2014), 837-850.
2. On $\tau$-covers using ideals andsome of its consequences, Debraj Chandra, Pratulananda Das, Upasana Samanta, Quaestiones Mathematicae, 2019, 42(2), 243-256 (UGC Listed and Scie indexedJournal).
3. On certain variations of I-Hurewicz property, Pratulananda Das,Debraj Chandra, Upasana Samanta, Topology and its Applications, Vol. 241, June 2018, 363-376 (UGC Listed and Scie indexed Journal).
4. Some observations on Hurewicz and I-Hurewicz property, Pratulananda Das, Upasana Samanta, Debraj Chandra, Topology and its Applications, 258 (2019) 202-214( UGC Listed and Scie indexedJournal).
5. On certain generalized versions of groupability, Pratulananda Das, Upasana Samanta, Debraj Chandra, Topology and its Applications, 258 (2019) 47-57 ( UGC Listed and Scie indexedJournal).
6. A more balanced approach to ideal variation of $y>$-covers, Pratulananda Das, Upasana Samanta, Debraj Chandra, Houston Journal of Mathematics, 46(2), 2020, 519-534 (UGC Listed and Scie indexed Journal).
7. On ideal sequence covering map, Sudip Kumar Pal, Nayan Adhikary, Upasana Samanta, Applied General Topology, 20 (2) (2019), 363-377
(UGC Listed and SCOPUS indexed Journal).
8. Type-2 Fuzzy Metric Spaces, Upasana Samanta, accepted in New Mathematics and Natural Computation, 2023. (UGC Listed and SCOPUS indexed Journal).
9. Some results on selection principles in topological spaces using ideals: A Survey, Upasana Samanta, published in 'A survey on applied Mathematics and Statistics', edited book by S. Chakraborty and A. Kanaujiya, Rathore Academic Research publications, New Delhi, 2022, 48-60, ISBN: 978-93-90648-41-2

## Participation in Seminar/Paper Presentation in Seminar:

1. International Conference on Nonlinear Dynamics, Analysis and Optimization, 9-11 Dec., 2015, Department of Mathematics, Jadavpur University
2. International Conference on Mathematical Analysis and Applications in Modeling, January 9 -12, 2018, Department of Mathematics, Jadavpur University. Presented a paper entitled, ' A study on several forms of starHurewicz using ideals.'
3. National Seminar on Current Trends in Mathematics and its Applications (NSCTMA-2019), Deparment of Mathematics, Jadavpur University, Kolkata, 08.03.2019.
4. $85^{\text {th }}$ Annual Conference of Indian Mathematical Society, An international Meet (IMS 2019), November 22-25,2019, Department of Mathematics, Indian Institute of Technology Kharagpur. Presented a paper entitled," A study on some variations of I-Hurewicz property using star-selection principles".
5. International Conference On Analysis, Algebra, Combinatoricsand their Applications (ICAACA 2020), Department of Mathematics, Jadavpur University, Kolkata. Presented a paper entitled, ` On star-groupability of open covers"
6. Online international scientific conference, "Algebraic and geometric methods of analysis "(Odesa, Ukraine, May 26-30, 2020). Presented a talk, titled " A short note on Hurewicz and I- Hurewicz properties in topological spaces".
7. Participated in a 5-day international online workshop on 'Trends in Analysis and Topology", ( $08^{\text {th }}-12^{\text {th }}$ September, 2022), hosted in Malaviya National Institute of Technology, Jaipur.
8. $88^{\text {th }}$ Annual Conference of Indian Mathematical Society, An International meet (IMS 2022), December 27-30, 2022, held in the Department of Mathematics, BIT Mesra, Ranchi.
Presented a paper, entitled, "A Study on some generalized notions of I-convergence".
9. $3^{\text {rd }}$ International Conference on Nonlinear Applied Analysis and Optimization (ICNAAO 2023), presented titled" Fixed point theorems in type-2 fuzzy metric spaces".
10. Participated and presented a paper entitled "Type-2 fuzzy metric and its decomposition theorem" in the International Conference on Mathematics and applications -2024(ICMA2024), March 05-06, 2024, held in the Department of Mathematics, The University of Burdwan, Burdwan.
