## Curriculum Vitae

Name: DR. PARTHA GHOSH

**Designation: Assistant Professor in WBES** 

Highest qualification: Ph.D. in Mathematics from Calcutta University

Contact details/ Office address: Department of Mathematics, Darjeeling Govt. College, Darjeeling, WB-734101, Mob No.- 9614292064

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Date of joining to this institution: 03.01.2025

Date of joining W.B.E.S.: 21.03.2007

Previous position(s) held: N.A.

Teaching experience in years & months: 22 year 2 months

Awards, Recognition and Honours: N.A.

Courses taught: Operation Research, Graph Theory, Differential Equation, Probability and Statistics, Numerical Analysis, Particle Dynamics and Statics, Geometry, Group Theory.

Research area/ interest: Fuzzy Graph Theory and Conceptual Data Analysis

Number of Publications-

\*Peer reviewed journals: 10

\*Conference proceedings: 0

\*Chapters in books: 2

**Detailed list of publications:** 

- 1. Ghosh, Partha. (2010). An Algorithm for Generating Fuzzy Concepts Using Graph. Mathware & Soft Computing. 17. 27-38. The construction of fuzzy formal concepts from a fuzzy formal context
- 2. Ghosh, Partha, Kundu, K., Sarkar, D., Fuzzy graph representation of a fuzzy concept lattice, <u>Fuzzy Sets and Systems</u> 161(12):1669-1675June 2010
- 3. Ghosh, Partha. (2012). A Framework to Incorporate Quality Aspects for e-Learning System in a Consortium Environment. International Journal of Information and Education Technology. 2. 159-162.
- 4. P. Ghosh, W. Zaman (2013), Improving Search and Retrieval of Reusable Learning Resources in a University Consortium Environment by t-Concept Lattice and Fuzzy Graph, Mathematical Sciences International Research Journal, Volume 2, Issue 2, ( August, 2013), pp. 465–473
- 5. W. Zaman, P. Ghosh, K. Datta, P. N. Basu (2013), A Framework to Incorporate Domain Knowledge Modeling using Fuzzy Concept Lattice in a University Consortium Education System, Volume 2, Issue 2, (August, 2013), pp. 474–478



- 6. Ghosh, Partha. (2012). A Framework to Incorporate Quality Aspects for e-Learning System in a Consortium Environment. International Journal of Information and Education Technology. 2. 159-162.
- 7. Ghosh, Partha, Kundu, K., (2016).Rules for computing \_xpoints of a fuzzy closureoperator, Annals of Fuzzy Mathematics and Informatics, Volume 11, No. 5, (May 2016), pp. 713-728
- 8. Ghosh, Partha. (2020) GENERATION OF PROTO-FUZZY CONCEPTS FROM FIXPOINTS OF FUZZY CLOSURE OPERATORS, J. Math. Comput. Sci. 10 (July 29, 2020), No. 5, 1911-1924
- **9.** Ghosh, Partha. (2020) A Conceptual Clustering Technique Using Fuzzy Graph for Generation of Concept Hierarchy on Uncertainty Data, Interdisciplinary Journal of Contemporary Research, Vol 7, No. 9, 73-82, September 1, 2020.
- 10. Ghosh, Partha. (2021) FCA-Based Approach for Modeling the Domain Knowledge in an Education System, J. Math. Comput. Sci. 11 (August 16, 2021), No. 5, 6614-6628
- Ghosh, Partha, Kundu, K., (2015) Proto-fuzzy Concepts Generation Technique Using Fuzzy Graph, Book Chapter, Facets of Uncertainties and Applications, Springer, ISBN No. 978-81-322-2300-9, 63-74
- 12. Determining the Rules for Computing Fixpoints and Introduction of Min-generated Fuzzy Concepts from a Fuzzy Context, Current Topics on Mathematics and Computer Science Vol. 10, 30, August 2021, Page 62-79, Editor(s) Dr. elkacemChaouchi Professor, Department of Mathematics, Faculty of Sciences, Khemis Miliana University, Algeria. Publisher: B P International, ISBN 978-93-91882-04-4 (Print) ISBN 978-93-91882-19-8 (eBook)

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