CURRICULUM VITAE

BISWAJIT BERA

Assistant Professor (W.B.E.S)
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Personal Information

Year and place of birth:	1986, Paschim Medinipur, India
Sex:	Male
Citizenship:	Indian
Religion:	Hindu
Marital Status:	Married
Home Address:	Mirzabazar, Kumar Para, Kotwali, West Medinipur, Pin-721101, India

Educational Details

- **Master of Science (Mathematics, Specialization in Operation Research)**

University:	Vidyasagar Univesity, Medinipur, West Bengal, India.
Division:	1st class.

- **Bachelor of Science (Mathematics)**

College & University:	Khargpur College under Vidyasagar Univesity, Medinipur, West Bengal, India.
Division:	1st class.

Academic Achievements

- Qualified for Lectureship (LS) in Mathematics in as a CSIR -UGC-NET Examination (2015)

Teaching Experience

- Assistant Professor, Department of Mathematics, Kabi Jagadram Roy Govt. General Degree College, Mejia, Bankura Pin- 722143 (Bankura University), 21th June, 2018 – till date.

- Former Assistant Teacher in Mathematics of Kuapur High School (H.S) from 09.08 2010 to 20.06 2018

Research Interest

Graph Labelling

Fuzzy Graphs

Decision Making Problem In Fuzzy Graph

Picture Fuzzy Graphs

List of Publications

1. *Real world applications of discrete mathematics*
   Sk Amanathulla, Biswajit Bera* and Madhumangal Pal
   Malaya Journal of Matematik, Vol. 9, No. 1, 152-158, 2021, ISSN(P): 2319-3786

2. *Surjective L(3;1)-labeling of circular-arc graphs*
   Sk Amanathulla, Biswajit Bera* and Madhumangal Pal
   Malaya Journal of Matematik, Vol. 9, No. 1, 925-929, 2021, ISSN(P): 2319-3786

3. *L(2,1,1)-Labeling of Circular-Arc Graphs*
   Sk Amanathulla, Biswajit Bera* and Madhumangal Pal
   Journal of Scientific Research, J. Sci. Res. **13** (2), 537-544 (2021) , ISSN(P): 2070-0237,

4. *Balanced picture fuzzy graph with application*
   Sk Amanathulla, Biswajit Bera* and Madhumangal Pal
   Arificial Intelligence Review (Springer),2021, ISSN(P): 0269-2821

5. *L(2,1,1)-labeling of interval graphs*
   Sk Amanathulla, Biswajit Bera* and Madhumangal Pal
   International Journal of Mathematics for Industry, 2022, DOI: 10.1142/S2661335222500034

6. *A Comprehensive Study of Picture Fuzzy Planar Graphs with Real-World Applications*
   Biswajit Bera**,** Sk Amanathulla* and Sanat Kumar Mahato
   Journal of Uncertain System, 2023Vol-16, No-4 ISSN(P): 1752-8909

7. *Some Properties Of Regular Picture Fuzzy Graph with Application In Social Network Analysis*
   Biswajit Bera, Avisek Banerjee, Jasminara Khatun, Sk Amanathulla* and   Madhumangal Pal
   Journal of Applied Mathematics and Computing (Spinger), DOI: https://doi.org/10.1007/s12190-024-02347-2, ISSN(P): 1598-5865

Paper Presented in Seminars and Conferences:

1. Present a paper on "**Holes in L(3,2,1) labeling of Interval Graph"** in one day state level Seminar on Mathematics and its Applications organized by Department of Mathematics , Belda College. 29th March 2019.
2. Present a paper on "**Shortest Path Problem on singled valued Picture Fuzzy Graph**" in three days International seminar on Systematic Approach to Modern Science and its Philosophical Impact organized by Department of Physics , Chemistry, Mathematics, Computer science, Zoology, Philosophy of Bajkul Milani Mahavidyalaya in collaboration with Prabhat Kumar College, Purba Midnapore, West Bengal. 6th Feb to 8th Feb,2020.
3. Present a paper on "**A different approach for solving the shortest path problem using picture fuzzy environment"** in 5th Regional Science and Technology Congress , 2022-23 organized by Bankura university. 10th January 2023.
4. Present a paper on "**Constant picture fuzzy graph"** in Internation Conference on Recent Developments in Research organized by Department of Mathematics , Tamralipta Mahavidyalaya. 28th June 2023
5. Present a paper on "An Investigation Into The Edge Coloring Problem In A Picture Fuzzy Environment**"** in "Nation Level Seminar on Recent Trends in Mathematics and its Applications" organized by Department of Mathematics , Sonamukhi College. 13th Dec 2024.

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