



SILDA CHANDRASEKHAR COLLEGE

CURRICULUM VITAE

Name

: Sumanta Banerjee

Designation with Department: Assistant Professor in Mathematics

Contact Number

: 9635798385

E-mail ID

: banerjeesumanta91@gmail.com

Date of Joining

: 17-10-2020

Address

**: Vill + PO – Salboni, Dist- Bankura, West Bengal,
Pin-722102.**

Educational Qualification:

Degree	Institution	Year of Passing/Award
BSc(H)	The University of Burdwan	2012
MSc	The University of Burdwan	2014
SET	WBCSC	2013
NET	CSIR-UGC	2015
GATE	IISC	2016

Area of Specialization

: Graph Theory

Area of Teaching

:

Teaching Experience

:

Designation	Institution	Duration	
		From	To
Assistant Professor	Silda Chandrasekhar College	17-10-2020	Present

Participation in Administrative/Academic Activities : Nil

Conference/Seminar/Workshop organized : Nil



SILDA CHANDRASEKHAR COLLEGE

Research Interest : Algorithmic Graph Theory, Computational Complexity of Graph Problems.

List of Research Publication :

- **S. Banerjee**, M. A. Henning, D. Pradhan, “ Perfect Italian domination in cographs”- Accepted for publication in *Applied Mathematics and Computation*.
- **S. Banerjee**, J. Mark Keil, D. Pradhan, “Perfect Roman domination in graphs”- Published in *Theoretical Computer Science*.
- **S. Banerjee**, M. A. Henning, D. Pradhan, “Algorithmic results on Double Roman domination in graphs”- Published in *Journal of Combinatorial Optimization*.
- Anupriya Jha, D. Pradhan, **S. Banerjee**, “Algorithm and hardness results on neighborhood total domination in graphs”- Published in *Theoretical Computer Science*.
- Anupriya Jha, D. Pradhan, **S. Banerjee**, “The secure domination problem in cographs”- Published in *Information Processing Letters*.

Presentation of Research Paper in Seminar/Conference : Nil

Other Activities:

- Participated in “workshop on Signed Graphs and Semi Graphs” (WSGSG-2016), during October 03-07, 2016, organized by NIT DURGAPUR.