

**NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
KALIYAKKAVILAI**

FACULTY PROFILE



Name	Dr. A.J. Bertilla Jaushal				
Department	Mathematics				
Designation	Assistant Professor				
Address	2/155, Amar House, St.Antony's Street, Kaliakkavilai.				
Telephone Number(s)	7397143245				
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Academic Qualifications (with Name of Degree awarding university)	S.No.	Course	Board/ University	Year	Percentage
	1	M.Sc(Maths with C.A)	Bharathiyar university	2013	73%
	3	MPhil(Maths)	MSU	2014	67%
	4	PhD(Mathematics)	MSU	2020	-
Teaching Experience	Level	Years of Service	Institution		
	UG& PG	6	Nanjil Catholic College of Arts and Science, Kaliyakkavilai		
Specialization	Graph Theory				
Publications/ Participation in Seminars/ Conferences etc			International	National	
	No. of Research Papers in Journals		7	-	
	No. of Publications in Conference Proceedings		2		
No. of Conferences Participated in			1		

		-	-
Projects			
Details of Research Supervision	On going	Completed	
Honours and Awards			
Posts held			
Any other Information			

List of Publications:

- 1) Arul Paul Sudhahar P, Vijayan A, & Bertilla Jaushal, AJ 2016, 'The Total Monophonic Domination Number of a Graph', *Asian Journal of Mathematics and Computer Research*, vol.14, no.4 , pp.290-295.
- 2) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2018, 'The Connected Total Monophonic Domination Number of a Graph', *International Journal of Applied Engineering Research*, vol.13,no.15, pp.12272-12276.
- 3) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2019, 'The Semi – Total Monophonic Domination Number of a Graph', *Asian Journal of Mathematics and Computer Research*, vol.26, no.2, pp.88-94.
- 4) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2019, 'The Forcing Total Monophonic Domination and Forcing Total Edge Monophonic Domination Number of Graphs', *International Journal of Scientific Research and Review*, vol.8, no.7, pp.167-185.
- 5) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2019, 'Total Outer Independent Monophonic Number of a Graph', *Journal of Computer and Mathematical Sciences*, vol. 10, no. 7, pp. 1482-1487.
- 6) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2019, 'The Total Outer Independent Monophonic Dominating Parameters in Graphs', *Asian Research Journal of Mathematics*, vol.14, no.1, pp.1-8.
- 7) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2019, ' 2- outer Independent Monophonic Domination Number of a Graph', *Global Journal of Mathematics and Mathematical Sciences*, vol.9, no.1, pp.1-9.

List of Presentations.

- 1) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2016, November 30 & December 1, 'The Total Edge Monophonic Domination Number of a Graph', *Proceedings of the International Conference on Applicable Mathematics*, pp.25.
- 2) Arul Paul Sudhahar, P & Bertilla Jaushal, AJ 2018, November 16 & 17, 'The Total detour Monophonic Domination Number of a Graph', *Proceedings of the International Conference on Computing Sciences*, pp.131.