

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

FACULTY PROFILE



Name	Dr. C. Agatha Christie				
Department	Chemistry				
Designation	Assistant Professor				
Address	6/153, Azhagiamandapam, Mulagumoodu P.O, Tamilnadu, India				
Telephone Number(s)	9486758744				
Email Id(s)	agathasanthose@gmail.com				
Academic Qualifications (with Name of Degree)	Sl.No	Course	Board/University	Year	Percentage
	1	MSc	Manonmaniam Sundaranar University	2000	67
	2	M.Phil	Manonmaniam Sundaranar University	2007	56
	3	B.Ed	TamilNadu Teachers Education	2014	87
	4	PhD	Manonmaniam Sundaranar University	2016	
Teaching Experience	Level		Years of Service	Institution	
	UG		6	Vins Christian College Of Engineering, Chunkankadai, Kanyakumari	
	UG		1	Vins Christian Womens College of Engineering, Chunkankadai, Kanyakumari	

	UG	4	Sun College of Engineering, Erachakulam.Kanyakumari	
	UG&PG	9	Nanjil Catholic College of Arts and Science, Kanyakumari	
	M.Phil	3	Nanjil Catholic College of Arts and Science, Kanyakumari	
Specialization	Organic Chemistry			
Publications/ Participation in Seminars/ Conferences etc			International	National
	No. of Research Papers in Journals	4		1
	No. of Publications in Conference Proceedings			
	No. of Conferences Participated in	1		2
	Books	-		1
Projects				
Details of Research Supervision	On going		Completed	
Honours and Awards	-			
Posts held	-			
☒ Any other Information	-			

List of Publications:

1. Dr. C. Agatha Christie, Dr. Abbs Fen Reji, Synthesis, Spectroscopic characterization and biological activities of Co(II), Ni(II), Cu(II) and Zn(II) complexes of Schiff base derived from isatin monohydrazone and furfuraldehyde *European Journal of Pharmaceutical and medical research*, Vol.No 3(2), 2016, 238-244, ISSN.NO 3294-3211, 2.026.
2. Dr. C. Agatha Christie, Dr. Abbs Fen Reji, Dr. T. Alwin, Study on molecular structure, vibrational assignment and HOMO –LUMO analysis of 2-hydrazono-1,2-dihydro-

indol-3-one using DFT method, *Indian Journal of Research Foundation (IJRF)* Vol.No. 5, 2016, 2454-6577.

3. Mrs. L.Lisy, Dr C Agatha Christie & Dr K Priya Rajini, Extraction and characterization of pectin from apple peel *International Journal of Research in Engineering and Science (IJRES)* Volume 9; | 2021 | PP. 50-52; Issue 7 ; ISSN (Online): 2320-9364, ISSN (Print): 2320-9356 www.ijres.org
4. Dr K Priya Rajini, Dr C Agatha Christie & Mrs. L.Lisy, Isolation and Characterization of Caffeine from Soft Drinks, *International Journal of Innovative Research in Technology*, Volume 8 ;July 2021| IJIRT | Issue 2 | ISSN: 2349-6002.
- 5 K. Priya Rajini, M. Mary Sheeba and C. Agatha Christie Characterisation of Azadirachta indica-based silver nanoparticles JETIR, Volume 11, Issue 10, October 2024.

List of Papers presented in Conference

1. Synthesis, Spectroscopic characterization and biological activities of Co(II), Ni(II), Cu(II) and Zn(II) complexes of Schiff base derived from isatin monohydrazone and furfuraldehyde, 2016.
2. Study on molecular structure, vibrational assignment and HOMO –LUMO analysis of 2-hydrazono-1,2-dihydro-indol-3-one using DFT method, 2016.
3. Extraction and characterization of pectin from apple peel in International Conference on Interdisciplinary Research in Chemistry, NMCC, Marthandam, 2013.

Faculty Development Programme attended:

Sl.No	Topic	Organised Institution	Date
1	The Art of Effective Teaching	Nanjil Catholic College of Arts and Science, Kaliyakkavilai	09-02-2017
2	Mentoring Institutional Social Responsibility and Community Engagement	MHRD	8-06-2020 to 12-06-2020
3	MOOC Development and Delivery	Nanjil Catholic College of Arts and Science, Kaliyakkavilai	27-03-2021
4	Pedagogy and Research Methods	AMET HRDC	24-05-2021 - 06-06-2021
5	Educating the Millennium	Nanjil Catholic College of Arts	20-10-2021

	Generation	and Science, Kaliyakkavilai	
6	Role of Library in Academic Research	Nanjil Catholic College of Arts and Science, Kaliyakkavilai	20-05-2022
7	Bloom's Taxonomy	Nanjil Catholic College of Arts and Science, Kaliyakkavilai	30. 10.2024
8	Bloom's Taxonomy	Nanjil Catholic College of Arts and Science, Kaliyakkavilai	02.12.2024
9	Creative Thinking Pedagogy	Nanjil Catholic College of Arts and Science, Kaliyakkavilai	31.01.2025
10	Pharmacognosy and Phytochemistry	NPTEL	10.10.2025
11	Malaviya Mission Teacher Training Programme	Bharathidasan University	22.10.2025-30.10.2025
12	Outcome Based Education and Application of Generative AI in Teaching and Research	St. John Technical and Educational Campus, Palghar	19.11.2025
13	Leadership Skills for Everyone	Muslim Arts College, Thiruvithancode	05.03.2026-07.03.2026