

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

FACULTY PROFILE



Name	Dr.K.PRIYA RAJINI				
Department	Chemistry				
Designation	Assistant Professor				
Address	Eenthimoodu House Athencodu S,T Mangadu Post K,K Dist				
Telephone Number(s)	9442823180				
Email Id(s)	Kprijasingh13@gmail.com				
Academic Qualifications (with Name of Degree awarding university)	S.No	Course	Board/ University	Year	Percentage
	1	M.Sc	Manonmaniam Sundaranar	1999	65
	2	M.Phil	Manonmaniam Sundaranar	2006	65
	3	Ph.D	Manonmaniam Sundaranar	2018	-
	4	B.Ed	University of Kerala	2003	60
Teaching Experience	Level	Years of Service	Institution		
	UG	7	Sun College of Engineering and technology		
	UG & PG	8	Nanjil Catholic College of Arts and Science Kailiyakkavilai		
Specialization	Polymer Chemistry				
Publications/ Participation in Seminars/ Conferences etc				International	National
	No. of Research Papers in Journals			9	-
	No. of Publications in Conference Proceedings			1	1
	No. of Conferences Participated in			3	4

	Books	-	3
Projects	-		
Details of Research Supervision	On going	Completed	
	-	-	
Honours and Awards	Best Reviewer Award		
Posts held			
Any other Information	Reviewer in. "International Journal of Environmental Chemistry(IJEC); ISSN Print: 2640-1452 ISSN Online: 2640-1460		

List of Publications:

1. K. Priya Rajini & S.Begila David Synthesis and Comparative Study of Novel Cross Linked Bio Polymers from Linseed Oil. *International Journal of Engineering Research and Applications* www.ijera.com Vol. 5, Issue 8, (Part - 5) August 2015, pp.09-15. ISSN: 2248-9622,

2.K.Priya Rajini & S.Begila David Studies and Development of Interpenetrating Polymer Networks from Linseed oil and Corn oil *Asian J. Research Chem.* 7(10): October- 2014; Page 888- 896.

3.K.Priya Rajini & S.Begila David Studies on the Development of Oil based Polymers from Triethyleneglycol Dimethacrylate and Vinyl Pyrrolidone *International Journal of Pure and Applied Chemistry.* Vol. 9. Nos. 1-2. January-June 2014 pp. 97-103

4.K.Priya Rajini & S.Begila David Synthesis and comparative study of Novel cross linked Bio polyesters from cornoil. *Scholars Academic Journal of Biosciences (SAJB)*, Volume -3: Issue-3, March 2015.pp.284-293. ISSN 2321-6883

5. Dr. K. Priya Rajini Dr. C. Agatha Christie & L. Lisy Isolation and Characterization of Caffeine from Soft Drinks, *International Journal of Innovative Research in Technology*, July 2021| IJIRT | Volume 8 Issue 2 | ISSN: 2349-6002

6. 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)* ISSN (Online): 2320-9364, ISSN (Print): 2320-9356 www.ijres.org Volume 9 Issue 7 | 2021 | PP. 50-52
7. K. Priya Rajini, M. Mary Sheeba and T. Alwin Green synthesis and characterization of zinc oxide nanoparticle using *azadirachta indica* leaf extract. *Proceedings of international conference on biomaterials, biodegradables and biomimetics*, 2023, ISBN:978-93-83006-24-3.
8. K. Priya Rajini, **M. Mary Sheeba** and C. Agatha Christie Characterisation of *Azadirachta indica* based silver nanoparticles. *JETIR*, Volume 11, Issue 10, October 2024.
9. K. Priya Rajini and M. Mary Sheeba Studies of Silveroxide Nanoparticles from Orange Peel, *IJCRT*, Volume 14, Issue 3, March 2026

List of Papers presented in Conference

1. K.Priya Rajini & S.Begila David National conference-M.S University,Tirunelveli, 2015, 2 Days. Synthesis and Study of Novel cross linked Biopolymers from Linseed.
2. K.Priya Rajini & S.Begila David National conference –Scott Christian College, Nagercoil.2015, one day. Synthesis and Studies of Novel crosslinked Biopolymers from Corn oil.