FACULTY PROFILE



Name : MS. S. Pooranalakshmi

Designation : Assistant Professor

Department : Chemistry

Date of Birth : 19.02.1991

Date of Appointment: 18.06.2014

Academic

S. No.	Degree	University / Institution	Year of Completion
1.	B.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2011
2.	B.Ed.	St. Christopher's College of Educaion, Veppery- Chennai.	2012
3.	M.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2014
4.	M.Phil.	Madurai Kamaraj University Evening College- Periyakulm	2017

Total Experience: 06 years

UG : 06 years

PG: 06 years

M.Phil: 04 years

<u>Area of Specialization/Interest:</u> Nanotechnology & Environmental Studies

Professional Affiliation: 2014-15- Editorial Team Member in JAC News

2014-18- Member in Hope Club

2016-19- Member in Physical Education Committee

2018-20 – Member in Discipline Committee

2019-20 – Member in Extension Committee

2019-20 – Member in Foundation Course Committee

Research Publications:

International Publications: 03

- S. Pooranalakshmi, S. Nazima Banu, Green Synthesis and Characterization of Silver (Ag) Nanoparticle Using Olive Leaf Extract, International Journal of Universal Pharmacy and Bio Sciences 5(1): January-February 2016 (ISSN): 2319-8141
- 2. **S. Pooranalakshmi***, G. Aruna, V. Priya, A. Sabura Banu, Green Synthesis and Characterization of Lead Oxide (PbO) Nanoparticle Using Phyllanthus Amarus (keelanelli) Extract and their Antimicrobial Activity, International Journal of Universal Pharmacy and Bio Sciences 6(1): January- February 2017 (ISSN): 2319-8141
- 3. S. Nazima Banu, **S. Pooranalakshmi***, M. Rajan**, Green way approach of PbO Nano Photocatalytic Degradation of an Organic Pollutant as Methylene Blue, International Journal of Universal Pharmacy and Biosciences,7(1), January –February 2018 (ISSN): 2314-8141

National Publication: 02

- S. Pooranalakshmi, M. Kalanithi, Comparison of Photo Catalytic Degradation of Methylene blue Using Nano-Sized CdO and PbO Catalysts, Journal of Science, Humanities and Management vol.1 No15 (June 2015) ISSN 2347-9868
- T. Monisha Mole, S. Pooranalakshmi, Photocatalytic Degradation of Methylene Blue using Green Synthesizes PbO Nanoparticle, Journal of Science, Humanities and Management vol.5 No 2 (December 2018)

Seminars/Conferences/Workshops Participated:

Year	Title of the Paper	Seminar	Place &Date	Level
2014-	Photo Degradation of	DST & UGC	CPA College,	National
2015	Methylene Blue by using	Sponsored National	Bodi.	
	Nano sized PbO and CdO	Seminar on Emerging	18 th and 19 th	
	Catalyst"	Trends in Chemistry	September,	
		(ETC- 05	2014	

2015- Potassium Aluminium Sulphate (Alum) from Waste Aluminium Can Chemistry (RTC-6) Chemistry (RTC-6) Periyakulam On 8th and 9th January 2015	2014-	Synthesis and Analysis of	UGC Sponsored	PG Dept of	National
Aluminium Can Chemistry (RTC-6) Perjyakulam on 8th and 9th January 2015 UGC Sponsored Central Library, J A College, Perjyakulam on 27th and 28th January 2016 Energy Conservation National Seminar on Ranking the Research Publication: Citation Databases and Anti-Plagiarism National Seminar on Environmental Issues and Challenges for Sustainable Development Environmental Issues and Challenges for Sustainable Development Oxide (CuO) Nanoparticle Using Guava Leaf Extract and their Antimicrobial Activity Activity Orange Dyes Using Green Synthesis Green Synthesized PbO and CuO Nanocatalyst Orange Dyes Using Green Synthesis Green Synthesized PbO and CuO Nanocatalyst Chemistry (RTC-7) Chemistry (RTC-7) Perjyakulam on 15th and 12th January 2016 Perjyakulam on 11th and 12th January 2017 Polocatalytic Activity of National Seminar on Research Recent Trends in Centre of Chemistry (RTC-7) Chemistry (RTC-7) A College, Perjyakulam on 11th and 12th January 2017 Polocatalytic Activity of National Seminar on Research Recent Trends in Centre of Chemistry, January 2017 Photocatalytic Activity of National Seminar on Research Recent Trends in Centre of Chemistry, January 2017 Photocatalytic Activity of National Seminar on Research Recent Trends in Centre of Chemistry, January 2017 Photocatalytic Activity of National Seminar on Research Recent Trends in Centre of Chemistry, January 2017 Orange Dyes Using Green Synthesized PbO and CuO Nanocatalyst National Seminar on Centre of Chemistry, January 2017	2015	Potassium Aluminium	National Seminar on	Chemistry, J	
2015- 16 2015- 16 National Seminar on Ranking the Research Publication: Citation Databases and Antiplagiarism 2015- 16 Energy Conservation National Seminar on Databases and Antiplagiarism National Seminar on Databases and Antiplagiarism National Seminar on Environmental Issues and Challenges for Sustainable Development 2016- Characterization of Copper Oxide (CuO) Nanoparticle Using Guava Leaf Extract and their Antimicrobial Activity 2016- Comparison Study of Photocatalytic Activity of Methylene Blue and Methyl Orange Dyes Using Green synthesized PbO and CuO Nanocatalyst National Seminar on Research (Chemistry (RTC-7) Chemistry (RTC-7) Chemistry (RTC-7) Chemistry (RTC-7) Chemistry, J A College, Periyakulam on 11th and 12th January 2017 National Seminar on Research (Chemistry, J A College, Periyakulam on 11th and 12th January 2017 Chemistry (RTC-7) Chemistry, J A College, Periyakulam on 11th and 12th January 2017		Sulphate (Alum) from Waste	RecentTrends in	A College,	
2015- 16 - Mational Seminar on Ranking the Research Periyakulam on 27th and Databases and Anti-Plagiarism 2015- 16 Energy Conservation National Seminar on Databases and Anti-Plagiarism 2015- 16 Energy Conservation National Seminar on Privakulam on 15th to17th Sustainable Development 2016- 17 Characterization of Copper Oxide (CuO) Nanoparticle Using Guava Leaf Extract and their Antimicrobial Activity 2016- 17 Comparison Study of Photocatalytic Activity of Methylene Blue and Methyl Orange Dyes Using Green synthesized PbO and CuO Nanocatalyst Diagram (Chemistry (RTC-7) Chemistry, J A College, Periyakulam on 11th and 12th January 2017 Chemistry (RTC-7) Chemistry, J A College, Periyakulam on 11th and 12th January 2017 Chemistry (RTC-7) Chemistry, J A College, Periyakulam on 11th and 12th January 2017 Chemistry (RTC-7) Chemistry, J A College, Periyakulam on 11th and 12th January 2017		Aluminium Can	Chemistry (RTC-6)	Periyakulam	
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Orange Dyes Using Green Chemistry (RTC-7) synthesized PbO and CuO Nanocatalyst Chemistry (RTC-7) A College, Periyakulam on 11 th and 12 th January	17	Photocatalytic Activity of	National Seminar on	Research	
synthesized PbO and CuO Nanocatalyst Periyakulam on 11 th and 12 th January		Methylene Blue and Methyl	Recent Trends in	Centre of	
Nanocatalyst Periyakulam on 11 th and 12 th January		Orange Dyes Using Green	Chemistry (RTC-7)	Chemistry, J	
on 11 th and 12 th January		synthesized PbO and CuO		A College,	
12 th January		Nanocatalyst		Periyakulam	
				on 11 th and	
2017				12 th January	
				2017	

2017-	Green synthesis and	UGC Sponsored	PG and	National
18	characterization of CuO nano	National Seminar on	Research	
	particle using Mentha	Recent Trends in	Center of	
	Longifolia	Chemistry (RTC-8)	Chemistry, J	
			A College,	
			Periyakulam	
			on 23 rd	
			January 2018	
	Green Synthesis and	National Conference on	Department of	National
	Characterization of PbO	Emerging Trends in	Physics,	
	Nanonparticles	Matrerials- 2018	Chemistry,	
		(NCETM-2018)	Biotechnology	
			and	
			Microbiology,	
			Mary Madha	
			College of	
			Arts and	
			Science,	
			Periyakuam	
			on 6 th March	
			2018	
2018-	-	IAS Sponsored Lecture	PG and	-
19		Workshop on Recent	Research	
		Trends in Chemistry	Center of	
		(RTC-9)	Chemistry, J	
			A College,	
			Periyakulam	
			on 28 th and	
			29 th	
			September	
			2018	
2019-	Photodegradation of	National Seminar on	PG and	National
20	Methylene Blue using Green	Recent trends in	Research	
	Synthesized ZrO ₂	Chemistry (RTC-10)	Center of	
	Nanocatalyst		Chemistry, J	

Green way Approach of PbO	A College,
Nano Photocatlytic	Periyakulam
degradation of an Organic	on 10^{th}
Pollutant as Methylene Blue	December
	2019

Conference Presentations:

Year	Title of the Paper	Seminar	Place &Date
2014-	Photo Degradation of	DST & UGC	CPA College, Bodi on
2015	Methylene Blue by using	Sponsored National	18 th and 19 th September, 2014
	Nano sized PbO and CdO	Seminar on Emerging	
	Catalyst"	Trends in Chemistry	
		(ETC- 05	
2014-	Synthesis and Analysis of	UGC Sponsored	PG Dept of Chemistry,
2015	Potassium Aluminium	National Seminar on	J A College, Periyakulam on 8 th
	Sulphate (Alum) from Waste	Recent Trends in	and 9 th January 2015
	Aluminium Can	Chemistry (RTC-6)	
2015-	Energy Conservation	National Seminar on	J A College, Periyakulam on 15 th
16		Environmental Issues	to 17 th February 2016
		and Challenges for	
		Sustainable	
		Development	
2016-	Green Synthesis and	UGC Sponsored	PG and Research Centre of
17	Characterization of Copper	National Seminar on	Chemistry,
	Oxide (CuO) Nanoparticle	RecentTrends in	J A College, Periyakulam on 11 th
	Using Guava Leaf Extract	Chemistry (RTC-7)	and 12 th January 2017
	and their Antimicrobial		
	Activity		
2017-	Green Synthesis and	UGC Sponsored	PG and Research Center of
18	Characterization of CuO	National Seminar on	Chemistry, J A College,
	Nanonparticle using Mentha	Recent Trends in	Periyakulam on 23 rd January
	Longifolia	Chemistry (RTC-8)	2018
	Green Synthesis and	National Conference	Department of Physics, Chemistry,
	Characterization of PbO	on Emerging Trends	Biotechnology and Microbiology,
	Nanonparticles	in Matrerials- 2018	Mary Madha College of Arts and
		(NCETM-2018)	Science, Periyakuam on 6 th March

			2018
2019-	Photodegradation of		
20	Methylene Blue using Green		
	Synthesized ZrO ₂	National Seminar on	PG and Research Center of
	Nanocatalyst	Recent trends in	Chemistry, J A College,
	Green way Approach of PbO	Chemistry (RTC-10)	Periyakulam on 10 th December
	Nano Photocatlytic		2019
	degradation of an Organic		
	Pollutant as Methylene Blue		

Research Expeience: 06 years

Research Guidance:

No. of UG Projects Completed: **02**No. of PG Project Completed : **04**

Contact Details:

Present Address : D/o Mr. K. Subbaiyan,

17E, Ambethkar Nagar,

T. Kallipatti (Po),

Periyakulam (Tk),

Theni (Dt)- 625601.

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