

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

Area of Specialization/Interest: 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

1. **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

1. **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
2. 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
2014-2015	Photo Degradation of Methylene Blue by using Nano sized PbO and CdO Catalyst”	DST & UGC Sponsored National Seminar on Emerging Trends in Chemistry (ETC- 05	CPA College, Bodi. 18 th and 19 th September, 2014	National

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

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

	Green way Approach of PbO Nano Photocatalytic degradation of an Organic Pollutant as Methylene Blue		A College, Periyakulam on 10 th December 2019	
--	-----------------------------------------------------------------------------------------------------	--	----------------------------------------------------------	--

Conference Presentations:

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

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

Research Experience: 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.**

Permanent Address : Same

Mobile : 9952632035, 9095026751

e-mail : spooranalakshmi@gmail.com